



MAJLIS ANUGERAH
Sanggar
anjung
2011
Senada



Sidang Pengarang

Penasihat

Profesor Abdul Latif Ahmad

Ketua Penyunting

Profesor Rahmat Awang

Penyunting

Profesor Madya Mohamad Omar Bidin

Encik Abdul Hamid Majid

Encik Rosman Ahmad

Pereka

Encik Rosman Ahmad

Encik Sherrilaida Mohd Aidarus

Penyumbang

Bahagian Jaringan Industri dan Masyarakat

Pejabat Perhubungan Awam USM

© Universiti Sains Malaysia 2012

Dicetak oleh

Informatiks untuk Kesejahteraan Komuniti, Pusat Racun Negara



**D.Y.M.M. Tuanku Syed Sirajuddin Ibni
Al-Marhum Tuanku Syed Putra Jamalullail**

**CANSELOR
CHANCELLOR**

Sekapur Simh Seulas Pinang

بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِيْمِ

ASSALAMUALAIKUM WARAHMATULLAHI WABARAKATUH dan Salam Sejahtera.

Transformasi pengajian tinggi telah membawa lonjakan besar dalam meletakkan universiti pada kedudukan yang berbeza dari sebelum ini. Tentu sahaja, sesebuah universiti itu dilihat sebagai utama hasil dari usaha mereka yang berada di dalamnya sebagai tonggak utama yang menggerakkan setiap aktiviti yang dilaksanakan bersama bagi menzahirkan makna sesuatu kejayaan.

Ia melibatkan setiap lapisan warga, dari seorang pensyarah dan penyelidik mahu pun para pentadbir dan mereka yang berganding bahu pada segenap lapisan yang ada untuk bergabung tenaga bagi merealisasikan misi dan visi yang ada. Menzahirkan kecemerlangan tidak akan terhasil tanpa manusia sebagai penggerak utama dengan kepakaran yang berbeza-beza bergabung dan menjadikan Menara Ilmu amat istimewa dan berupaya menggerakkan transformasi menjadikan pengajian tinggi sebagai mekanisme untuk melakukan perubahan.

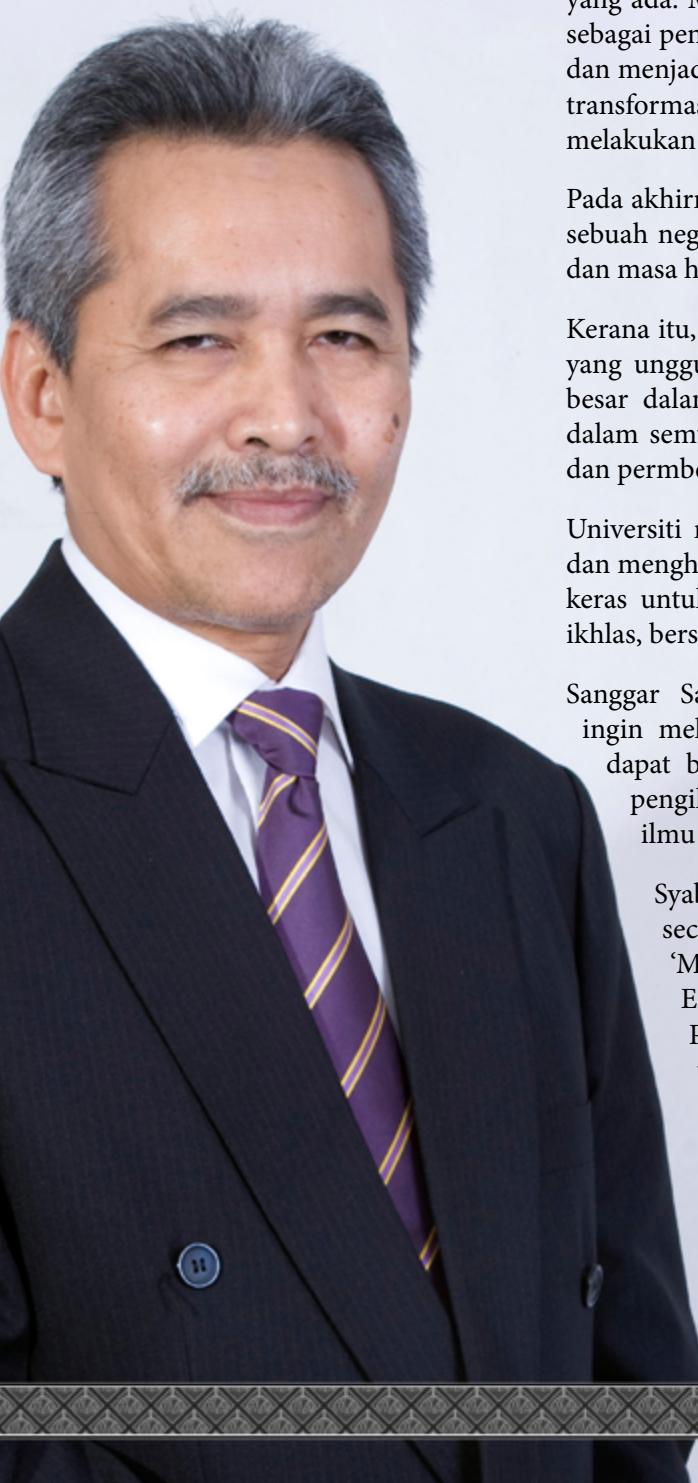
Pada akhirnya usaha bersama-sama inilah yang berupaya membangunkan sebuah negara yang maju dan dunia yang lestari untuk generasi sekarang dan masa hadapan.

Kerana itu, universiti menyanjungi semua usaha ini. Bukan sahaja mereka yang unggul dan mencipta nama, tetapi juga yang memainkan peranan besar dalam menghadapi persaingan dan menjadi antara yang terbaik dalam semua usaha, penulisan dan penerbitan, penyelidikan, pengajaran dan pembelajaran mahu pun lain-lainnya.

Universiti menganggap acara ini sebagai satu daripada dorongan utama dan mengharapkan agar dapat pula mendorong segenap warganya bekerja keras untuk terus meletakkannya dalam sanggar sanjung, dengan tulus ikhlas, bersyukur dan berbangga dengan nama Universiti yang digalasnya.

Sanggar Sanjung adalah antara usaha serius pihak Universiti yang ingin melihat perkembangan ilmu dan impaknya kepada masyarakat dapat berlaku secara berterusan. Kemenangan yang dicapai adalah pengiktirafan Universiti kepada warganya di dalam pembangunan ilmu yang merentasi pelbagai bidang.

Syabas dan tahniah kepada semua. Kisah kejayaan ini merupakan secebis dari lebih banyak lagi citra kejayaan dalam usaha ‘Mentransformasikan Pengajian Tinggi untuk Kelestarian Hari Esok’ yang kita laungkan selama ini. Syabas dan tahniah juga kepada Pengerusi dan semua Ahli Jawatankuasa yang melaksanakan tanggungjawab mengelola dan membuat pemilihan dengan teliti dan saksama.



[PROFESOR DATO' OMAR OSMAN]
Naib Canselor

Seullas Pinang

Tahun 2012 merupakan kali kesebelas Anugerah Sanggar Sanjung diadakan bagi menghargai dan mengiktiraf sumbangan terbaik warga Universiti Sains Malaysia (USM) dalam bidang penyelidikan, pendidikan, perkhidmatan, dan libatsama dengan industri & komuniti. Penghargaan ini merupakan cara USM merakamkan ucapan setinggi-tinggi terima kasih kepada individu yang telah menjulang dan mengharumkan nama USM dalam bidang-bidang yang diterokai. Perkara ini adalah selaras dengan MISI USM untuk memperkasakan bakat masa hadapan dan mengupayakan golongan terkebawah demi mentransformasikan kesejahteraan sosioekonomi mereka.

Tema majlis yang dipilih pada tahun ini ialah “SENADA” yang membawa maksud bahawa semua warga USM – ahli akademik, pentadbir dan pelajar, perlu bekerja bersama dan seiring dalam menyumbang kepada kejayaan Universiti. Pada tahun 2011, USM, buat julung-julung kalinya, memperkenalkan dua Anugerah baru iaitu Anugerah khidmat Masyarakat dan Anugerah Sanjungan Industri yang bertujuan mengiktiraf sumbangan dan amalan terbaik individu melalui penglibatan dan sumbangan mereka bersama-sama komuniti dan industri melalui inisiatif libatsama Komuniti-Universiti-Industri demi memakmurkan masyarakat.

Pada kesempatan ini juga saya ingin mengucapkan tahniah dan syabas kepada semua penerima anugerah kerana usaha mereka memasyarakatkannya dan memperkasakan ilmu serta memartabatkan USM sebagai sebuah gedung ilmu terulung di rantau ini. Saya berharap agar kecemerlangan yang ditunjukkan oleh para penerima anugerah menjadi pemangkin kepada seluruh warga USM mempertingkatkan mutu pencapaian mereka dalam bidang akademik dan bukan akademik pada masa hadapan. Nilai-nilai inilah yang akan memberi petunjuk dan pedoman kerana ia merupakan amalan terbaik yang perlu dikembangkan kepada masyarakat sebagai tanggungjawab sosial USM.

Akhir kata, saya juga ingin merakamkan setinggi-tinggi terima kasih kepada semua ahli Jawatankuasa Induk dan Jawatankuasa Kecil; Sekretariat Majlis; serta kepada semua yang telah bekerja keras untuk menjayakan Majlis Anugerah Sanggar Sanjung 2011, lebih-lebih lagi dalam suasana Universiti sedang melaksanakan amalan perbelanjaan secara berhemah.

*Menangkap tenggiri di tengah lautan
Berjuang merentasi ombak gelora
Khidmat diberi bukan untuk sanjungan
Tetapi sebagai bakti untuk negara*

Sekian, terima kasih.

[PROFESOR DATO' SUSIE SEE CHING MEY]
Pengerusi Jawatankuasa Induk
Majlis Anugerah Sanggar Sanjung 2011

Isi Kandungan

Canselor iii

Sekapur Sirih iv

Seulas Pinang v

Atur Cara Majlis vii

Pengenalan viii

Konsep

Senada ix

Rekabentuk x

Senikata Senada xi

Anugerah Sanggar Sanjung

Kategori Tokoh 2

Kategori Penerbitan Jurnal 4-30

Kategori Penerbitan Buku 32

Kategori Kreativiti 34

Kategori Kualiti 36

Kategori Geran Penyelidikan Antarabangsa 38

Kategori Paten 40

Hadiah Sanjungan

Kategori Penerbitan Jurnal 42-136

Kategori Produk Penyelidikan 138-140

Kategori Kualiti 142

Anugerah Pendidik Sanjungan 144

Anugerah Sanjungan Industri 146

Anugerah Khidmat Masyarakat 148

Jawatankuasa 150-153

Atur Cara Majlis

-
- | | |
|-------------|---|
| 8: 00 pagi | : Pendaftaran Penerima Anugerah |
| 9: 15 pagi | : Ketibaan Tetamu |
| 9: 30 pagi | : Ketibaan Timbalan-Timbalan Naib Canselor/Kenamaan |
| 9: 35 pagi | : Ketibaan Naib Canselor dan Isteri |
| | : Ketibaan Ahli-Ahli Lembaga Gabenor Universiti |
| 9: 40 pagi | : Ketibaan Pengurus Lembaga Gabenor Universiti dan Isteri |
| 9: 45 pagi | : Ketibaan Pro Canselor dan Isteri |
| 9: 50 pagi | : Ketibaan T.Y.T Tun Dato' Seri Utama (Dr.) Haji Abdul Rahman Bin Haji Abbas dan Isteri, Y.A. Bhg. Toh Puan Dato' Seri Utama Hajjah Majimor Bt Shariff |
| 10: 00 pagi | : Keberangkatan tiba D.Y.M.M. Tuanku Syed Sirajuddin Ibni Al-Marhum Tuanku Syed Putra Jamalullail dan D.Y.M.M. Tuanku Tengku Fauziah Binti Al-Marhum Tengku Abdul Rashid |
| 10: 10 pagi | : D.Y.M.M. Tuanku Canselor dan D.Y.M.M. Tuanku Raja Perempuan Perlis Berangkat masuk ke Grand Ballroom |
| | : Lagu Negaraku |
| | : Menara Ilmu & Video Transformasi |
| | : Bacaan Doa |
| | : Ucapan oleh Naib Canselor |
| | : Titah Ucapan oleh D.Y.M.M. Tuanku Canselor |
| | : Persembahan Lagu Tema Konsep MASS 2011 "Senada" |
| | : Penyampaian Anugerah Pendidik Sanjungan |
| | : Penyampaian Anugerah Sanjungan Industri |
| | : Penyampaian Anugerah Khidmat Masyarakat |
| | : Persembahan Lagu Tema Anugerah Sanggar Sanjung "USM Di Sanjung Perkasa" |
| | : Tayangan Multimedia Pemenang |
| | : Penyampaian Anugerah Sanggar Sanjung |
| | Kategori Kreativiti |
| | Kategori Kualiti |
| | Kategori Penerbitan Buku |
| | Kategori Penerbitan Jurnal |
| | Kategori Geran Penyelidikan Antarabangsa |
| | Kategori Paten |
| | Kategori Tokoh |
| 12.15 tgh | : Hidangan disaji |
| 2.00 ptg | : D.Y.M.M. Tuanku Canselor dan D.Y.M.M. Tuanku Raja Perempuan Perlis bersama-sama T.Y.T Yang di-Pertua Negeri Pulau Pinang dan Y.A.Bhg. Toh Puan Meninggalkan Majlis Bersama-sama Para Kenamaan |
| | : Majlis Bersurai |

Pengenalan

Anugerah Sanggar Sanjung merupakan satu pengiktirafan yang dianugerahkan oleh USM kepada kakitangan akademik dan pengurusan dan profesional untuk menghargai semangat kreatif dan inovatif serta memberi ganjaran atas kerja keras dan dedikasi mereka.

Bermula dari tahun 2001, anugerah telah diberikan kepada kakitangan yang telah menjulang nama USM dengan pencapaian cemerlang dalam menyumbang kepada indeks pencapaian utama universiti. Mereka dirai dalam majlis tahunan gilang-gemilang yang dipanggil Majlis Anugerah Sanggar Sanjung.

Mulai tahun 2009, Anugerah Sanggar Sanjung dibahagikan kepada sembilan (9) kategori:

- Tokoh
- Penerbitan Jurnal
- Penerbitan Buku
- Produk Penyelidikan
- Kreativiti
- Kualiti
- Geran Penyelidikan Antarabangsa
- Paten
- Anugerah Pendidik Sanjungan

Selain itu, Hadiah Sanjungan pula dibagi kepada lima (5) kategori:

- Penerbitan Jurnal
- Penerbitan Buku
- Produk Penyelidikan
- Kreativiti
- Kualiti

Mulai 2012, Majlis Anugerah Sanggar Sanjung juga meraikan penerima:

- Anugerah Sanjungan Industri
- Anugerah Khidmat Masyarakat

Konsep

Senada

Pencapaian, kejayaan, atau kemenangan pasti manis apabila dikecapi, namun, tanyalah mereka yang berada di puncak. Apakah yang membawa mereka ke sana, tinggi berdiri di atas panca persada, mengatasi yang lainnya? Mereka pasti berkata, itu adalah hasil hempas pulas siang dan malam, mengetepikan pesta-pesta dan tawa gembira sepanjang masa. Persis dalam Grand Prix, bukan enjin yang hebat sahaja yang menjamin kemenangan, malahan, setiap bahagian daripada kenderaan, pasukan pelumba, trek, dan paling utama pemandunya, turut memainkan peranan. Semuanya bertindak senada, sehati dan sejiwa demi kemenangan.

Oleh sebab itulah, Senada telah dipilih sebagai tema untuk mengungkapkan keharmonian usaha yang digembleng demi memacu kecemerlangan dalam kalangan para ahli akademik, pentadbir, dan pelajar USM. Tema ini mengingatkan kita peri pentingnya sumbangan setiap staf terhadap pencapaian dan kecemerlangan seperti yang termaktub dalam agenda APEX. Senada mengingatkan warga USM betapa perlunya semua pihak berganding bahu, berkongsi ilmu, membina kekuatan untuk mengatasi rintangan, dan bekerja sebagai satu pasukan dalam usaha menggapai kecemerlangan.

Pagi ini, dengan sukacitanya USM mengundang semua hadirin untuk meraikan mereka yang telah mengukir kejayaan dan tersohor namanya di dalam rekod Anugerah Sanggar Sanjung USM. Tahniah kepada semua pemenang Anugerah Sanggar Sanjung 2011!

Konsep

Rekabentuk

Pohon bakau dipilih sebagai simbol yang menterjemahkan konsep Majlis Anugerah Sanggar Sanjung 2011 iaitu SENADA. Pepohon bakau yang berdiri utuh dengan keceragahan akar ‘pneumatofor’ bagai tali jemali yang berpegang erat menghadap samudera yang tidak dapat diduga gelora dan tenangnya. Inilah bayangan warga USM, yang sentiasa kental jiwanya bergerak senada dalam menempuh liku dan dugaan bagi mencapai misi dan visinya.

Pepohon bakau, biar badai gelora menghempas pasaknya, biar deruan tengkujuh menggegar pucuknya, biar mentari terik mengikis kulitnya, tetap utuh mengimbangkan alam flora dan fauna. ‘Avincennia’ hasil madunya bagai gedung ilmu mencuit serangga dan unggas segera menyedutnya. Pabila malam menjelma bagai mahligai bercahaya kelip-kelippun menyuluh, meninari gerbang landasan senada.

Konsep

Senada

Senada, seja
Berusaha di kalangan semua
Ketabahan, kegigihan
Membimbang dan memperkasakan
Pencapaian demi
Masa depan

Senada, sejiwa
Mengukir nama di peta dunia

Oh! Semangat yang membara
Membisikkan cita perdana
Sumbangan dihargai
Walau pun sederhana
Senada seja
Kukuh teguh bukan sebaliknya

Senada, sejiwa
Mengukir nama di peta dunia
Kita senada

Hubungan yang mesra
Memberi kekuatan sesama
Kembara ke puncak jaya
Matlamat persada kita

Senada, seja
Meski pun tidak sama
Senada, sejiwa
Berpakat mengharungi rintangan

Senada, seja
Susah dan payah
Tinggi atau rendah
Tetap senada
Senada.....senada.....
Senada

Karya Lagu: Profesor Madya Razif Mohd
Lirik: Jeep MD
Tempoh: 02' 50"
Pusat Pengajian Seni, Universiti Sains Malaysia



ANUGERAH
SANGGAR SANJUNG
KATEGORI TOKOH



Profesor Rahmah Bt. Noordin
Institut Penyelidikan Perubatan Molekul

Felo
Akademi Sains Malaysia
30 April 2011
Kebangssan

Prof Madya Afidah Binti Abdul Rahim
Pusat Pengajian Sains Kimia

French National Order of Academic Palms
Kementerian Pelajaran Perancis
26 March 2011
Antarabangsa



ANUGERAH
SANGGAR SANJUNG
KATEGORI PENERBITAN JURNAL



Profesor Abd Karim Bin Alias

Pusat Pengajian Teknologi Industri

Effects of plasticizers on thermal properties and heat sealability of sago starch films

Dr Cheng Lai Hoong, Mohammadi Nafchi Abdorreza

FOOD HYDROCOLLOIDS

2.659

Emulsifying and Foaming Properties of Ultraviolet-Irradiated Egg White Protein and Sodium Caseinate

Prof Madya Rajeev Bhat,, Kuan Yau Hoong

JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY

2.816

Profesor Abdul Khalil Bin H. P. Shawkataly

Pusat Pengajian Teknologi Industri

Effect of Layering Pattern on the dynamic mechanical properties and Thermal Degradation of oil Palm-Jute Fibres Reinforced epoxy Hybrid Composite

Mohammad Jawaid

BIORESOURCES

1.418

Cellulosic/Synthetic Fibre Reinforced Polymer Hybrid Composites: A Review

Mohammad Jawaid

CARBOHYDRATE POLYMERS

3.463

Woven Hybrid Composites: Water absorption and Thickness Swelling Behaviours

Prof Madya Azhar Bin Abu Bakar, Mohammad Jawaid

BIORESOURCES

1.418

Woven hybrid biocomposites: Dynamic mechanical and thermal properties

Mohammad Jawaid, Omar S. Alattas

COMPOSITES PART A-APPLIED SCIENCE AND MANUFACTURING

2.349

Preparation and Characterization of Nanostructured Materials from Oil Palm Ash: A Bio Agricultural Waste from Oil Palm Mill

Mohammad Fizree Bin Hashim, Mohammad Jawaid, Omar S. Alattas

BIORESOURCES

1.418

Anhydride modification of cultivated kenaf bast fibers: Morphological, Spectroscopic, and Thermal Studies

Noorul Linda Suraya Bte Mustahil

BIORESOURCES

1.418

Exploring "nano fillers" based on oil palm ash in polypropylene composites

Aamir Hussain Bhat

BIORESOURCES

1.418

Material Properties of Epoxy-Reinforced Biocomposites with Lignin from Empty Fruit Bunch as Curing agent

Marliana Binti Mohd Mahadar, Turki Alshammari

BIORESOURCES

1.418

Spectroscopic, Thermal and Anatomical Characterization of Cultivated Bamboo (Gigantochlao Spp)

Abdul Latif Mohmod, Mohd Tamizi Mustafa, Irshad Ul Haq Bhat

BIORESOURCES

1.418

Morphological, Spectroscopic, and Thermal Properties of alkali-treated and Chemically Modified Oil Palm Empty Fruit Bunch Fibers and Oil Palm Frond Fibers: A Comparative Study

Profesor Hanafi Bin Ismail, Turki Alshammari, Irshad Ul Haq Bhat

BIORESOURCES

1.418

Profesor Abdul Latif Bin Ahmad

Pusat Pengajian Kejuruteraan Kimia

Microalgae as a sustainable energy source for biodiesel production: A review

Dr Derek Chan Juinn Chieh, Dr Lim Jit Kang, Nur Hidayah Mat Yasin

RENEWABLE AND SUSTAINABLE ENERGY REVIEWS

4.595

Synthesis and characterization of TiO₂ membrane with palladium impregnation for hydrogen separation

Dr Derek Chan Juinn Chieh, Dr Mohd Azmier Bin Ahmad, Muhammad Azan B. Tamar Jaya

JOURNAL OF MEMBRANES SCIENCE

3.673

Synthesis of 2-oxo-4-phenylbutanoic acid: Parameter Optimization using Response Surface Methodology

Dr Syamsul Rizal Bin Abd Shukor, Oh Pei Ching

CHEMICAL ENGINEERING JOURNAL

3.074

Ba-SAPO-34 membrane synthesized from microwave heating and its performance for CO₂/CH₄ gas separation

Profesor Subhash Bhatia, Chew Thiam Leng

CHEMICAL ENGINEERING JOURNAL

3.074

Emulsion liquid membrane for heavy metal removal: An overview on emulsion stabilization and destabilization

Dr Derek Chan Juinn Chieh, Dr Ooi Boon Seng, Adhi Kusumastuti

CHEMICAL ENGINEERING JOURNAL

3.074

Optimization of microalgae coagulation process using chitosan

Dr Derek Chan Juinn Chieh, Dr Lim Jit Kang, Nur Hidayah Mat Yasin

CHEMICAL ENGINEERING JOURNAL

3.074

Profesor Abdul Rahman Bin Mohamed

Pusat Pengajian Kejuruteraan Kimia

Synthesis of Carbon Nanotubes by Methane Decomposition over Co-Mo/Al₂O₃: Process Study and Optimization using Response Surface Methodology

Lee Kim Yang, Chai Siang Piao, Satoshi Ichikawa

APPLIED CATALYSIS A: GENERAL

3.384

Synthesis of Single Walled Carbon Nanotubes over a Spin-Coated Fe Catalyst in an Ethanol-PEG Colloidal Solution

Seah Choon Ming, Chai Siang Piao, Satoshi Ichikawa

CARBON

4.896

Synthesis of Aligned Carbon Nanotubes

Seah Choon Ming, Chai Siang Piao

CARBON

4.896

Production of Biofuel from Waste Cooking Palim Oil using Nanocrystalline Zeolite as Catalyst: Process Optimization Studies

Profesor Subhash Bhatia, Niken Taufiqurrahmi

BIORESOURCE TECHNOLOGY

4.365

Bioconversion of Synthesis Gas to Second Generation Biofuels: A Review

Dr Mohamad Hekarl Bin Uzir, Maedeh Mohammadi, Pooya Lahijani, Ghasem D. Najafpour, Habibollah Younesi

RENEWABLE AND SUSTAINABLE ENERGY REVIEWS

4.595

Preparation and Characterization of La0.6 SR0.4 Co0.2 Fe0.8 O3-δ Thin-Film Membrane on Porous Support by Dip-Coating Method

Profesor Subhash Bhatia, Siti Salwa Hashim

JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY

1.525

Sorption of SO₂ and NO from Simulated Flue Gas Over Rice Husk Ash (RHA)/CaO/CeO₂ Sorbent: Evaluation of Deactivation Kinetic Parameters.

Profesor Azlina Binti Harun @ Kamaruddin, Dr Irvan Dahlan, Prof Madya Lee Keat Teong

JOURNAL OF HAZARDOUS MATERIALS

3.723

Profesor Abdul Rashid Bin Abdul Aziz

Pusat Pengajian Perumahan Bangunan Dan Perancangan

Objectives, success and failure factors of housing public-private partnerships in Malaysia

Puteri Shakira Jahn Kassim

HABITAT INTERNATIONAL

1.103

Prof Madya Afidah Binti Abdul Rahim

Pusat Pengajian Sains Kimia

Elucidation of the Corrosion Inhibition of Mild Steel in 1.0 M HCl by Catechin Monomers from Commercial Green Tea Extracts

Profesor Bahruddin Bin Saad, Affaizza Binti Mohamad Shah, Nofrizal, Solhan Yahya, Pandian Bothi Raja

METALLURGICAL AND MATERIALS TRANSACTIONS A-PHYSICAL METALLURGY AND MATERIALS SCIENCE

1.721

A study of electroless copper-phosphorus coatings with the addition of silicon carbide (SiC) and graphite (Cg) particles

Profesor Norita Binti Mohamed, Soheila Faraji, Coswald Stephen Sipaut

SURFACE AND COATINGS TECHNOLOGY

2.141

Prof Madya Ahmad Azmin Bin Mohamad

Pusat Pengajian Kejuruteraan Bahan Dan Sumber Mineral

Self-aligned TiO₂ nanotube arrays produced by air-cathode as electrode

Profesor Zainal Arifin Bin Ahmad, Jeremy C.H. Koh

JOURNAL OF ALLOYS AND COMPOUNDS

2.138

Profesor Ahmad Izani Bin Md Ismail

Pusat Pengajian Sains Matematik

Magnetic field effects on free convection flow of a nanofluid past a vertical semi-infinite flat plate

I. Pop, M. A. A. Hamad

NONLINEAR ANALYSIS-REAL WORLD APPLICATIONS

2.138

Prof Madya Ahmad Zuhairi Bin Abdullah

Pusat Pengajian Kejuruteraan Kimia

Reactive dye degradation by combined Fe(III)/TiO₂ catalyst and ultrasonic irradiation: Effect of Fe(III) loading and calcination temperature

Nur Azimah Jamalluddin

ULTRASONICS SONOCHEMISTRY

3.203

Effect of tetramethyl ammonium hydroxide on the activity of LiOH-intercalated montmorillonite catalyst in the transesterification of methyl laurate with glycerol

Prof Madya Ridzuan Bin Zakaria, Tri Yogo Wibowo

CHEMICAL ENGINEERING JOURNAL

3.074

Process behavior of TiO₂ nanotube-enhanced sonocatalytic degradation of Rhodamine B aqueous solution

Pang Yean Ling, Profesor Subhash Bhatia

SEPARATION AND PURIFICATION TECHNOLOGY

2.775

Synthesis of monoglyceride through glycerol esterification with lauric acid over propyl sulfonic acid post-synthesis functionalized SBA-15 mesoporous catalyst

Profesor Abdul Rahman Bin Mohamed, Lilis Hermida
CHEMICAL ENGINEERING JOURNAL
3.074

Hydrogen production from carbon dioxide reforming of methane over NiCo/MgOeZrO₂ catalyst: Process optimization

Fan Mun Sing, Profesor Subhash Bhatia
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY
4.057

Utilization of Greenhouse Gases through Dry Reforming: Screening of Nickel-Based Bimetallic Catalysts and Kinetic Studies

Fan Mun Sing, Profesor Subhash Bhatia
CHEMSUSCHEMA
6.325

Prof Madya Andrew Tan Khee Guan

Pusat Pengajian Sains Kemasyarakatan

Determinants of Fruit and Vegetable Consumption in Malaysia: An Ordinal System Approach

Rodolfo M. Nayga, Jr., Steven T. Yen
AUSTRALIAN JOURNAL OF AGRICULTURAL AND RESOURCE ECONOMICS
1.117

Dr Asyraf Bin Mansor

Pusat Pengajian Sains Kajihayat

Soils on exposed Sunda Shelf shaped biogeographic patterns in the equatorial forests of Southeast Asia

Dr Rahmad Bin Zakaria, Andrea Permana, Antti Marjokorpi, Axel D. Poulsen, Campbell O. Webb, Carel P. Van Schaik, Charles H. Cannon, Douglas Sheil, Eddy Nurtjahya, Eizi Suzuki, Erik Meijaard, Francis Q. Brearley, Gabriella Fredriksson, Hidetoshi Nagamasu, J. W. Ferry Slik, Johan L. C. H. Van Valkenburg, John Payne, Kade Sidiyasa, Karl A. O. Eichhorn, Kuswata Kartawinata, Meredith Bastian, Nicole Zweifel, Niels Raes, Reuben Nilus, Robert J. Morley, Serge Wich, Shin-Ichiro Aiba, Soedarsono Riswan, Tsuyoshi Yoneda, Yves Laumonier
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA
9.771

Prof Madya Azhar Bin Abu Bakar

Pusat Pengajian Kejuruteraan Bahan Dan Sumber Mineral

Preparation of Poly(methyl methacrylate) and Polystyrene-Composite-Filled Porous Epoxy Microparticles via In-situ Suspension Polymerization

Prof Madya Baharin Bin Azahari, Prof Madya Zulkifli Bin Mohamad Ariff, Du Ngoc Uy Lan, Shingo Hadano, Yoshiki Chujo
POLYMER TESTING
2.016

Profesor Azhar Bin Mat Easa

Pusat Pengajian Teknologi Industri

Comparing physicochemical properties of banana pulp and peel flours prepared from green and ripe fruits

Prof Madya Abbas Fadhl Mubarek Al-Karkhi, Saifullah Ramli, Yeoh Shin Yong
FOOD CHEMISTRY
3.458

Prof Madya Azlan Bin Ariffin

Pusat Pengajian Kejuruteraan Bahan Dan Sumber Mineral

PolyDADMAC and polyacrylamide as a hybrid flocculation system in the treatment of pulp and paper mills waste water

Prof Madya Zulkifli Bin Ahmad, Muhammad Amin Bin Ahmad Razali
CHEMICAL ENGINEERING JOURNAL
3.074

Prof Madya Baharudin Bin Abdullah

Pusat Pengajian Sains Perubatan

The importance of early treatment with tranexamic acid in bleeding trauma patients: an exploratory analysis of the CRASH-2 randomised controlled trial.

Dr Abu Yazid Bin Md Noh, Prof Madya Nik Hisamuddin Nik Ab. Rahman, 547 Author

LANCET

33.633

Profesor Bahruddin Bin Saad

Pusat Pengajian Sains Kimia

Hydrazone-based ligands for micro-solid phase extraction-high performance liquid chromatographic determination of biogenic amines in orange juice

Dr Abdussalam Salhin Mohamed Ali, Abdassalam Abdelhafiz Tameem, Ahmad Makahleh, Dr Chanbasha Basheer, Prof Hian Kee Lee, Weishan Wong

JOURNAL OF CHROMATOGRAPHY A

4.194

Flow injection determination of free fatty acids in vegetable oils using capacitively coupled contactless conductivity detection

Ahmad Makahleh

ANALYTICA CHIMICA ACTA

4.311

Profesor Bassim H. Hameed

Pusat Pengajian Kejuruteraan Kimia

Acetylation of glycerol to biofuel additives over sulfated activated carbon catalyst

M.S. Khayoon

BIORESOURCE TECHNOLOGY

4.365

Adsorption of methylene blue from aqueous solution onto NaOH-modified rejected tea

N. Nasuha

CHEMICAL ENGINEERING JOURNAL

3.074

Adsorption of pesticides from aqueous solution onto banana stalk activated carbon

J.M. Salman, V.O. Njoku

CHEMICAL ENGINEERING JOURNAL

3.074

Alternate coating and porosity as dependent factors for the photocatalytic activity of sol-gel derived TiO₂ films

Andrijana Sever Skapin, Urska Lavrencic Stangar, Suhas R. Patil

CHEMICAL ENGINEERING JOURNAL

3.074

Ammonia-modified activated carbon for the adsorption of 2,4-dichlorophenol

F.W. Shaaranı

CHEMICAL ENGINEERING JOURNAL

3.074

Batch and fixed-bed adsorption of 2,4-dichlorophenoxyacetic acid onto oil palm frond activated carbon

J.M. Salman, V.O. Njoku

CHEMICAL ENGINEERING JOURNAL

3.074

Bentazon and carbofuran adsorption onto date seed activated carbon: Kinetics and equilibrium

J.M. Salman, V.O. Njoku

CHEMICAL ENGINEERING JOURNAL

3.074

Fe-clay as effective heterogeneous Fenton catalyst for the decolorization of Reactive Blue 4

H. Hassan

CHEMICAL ENGINEERING JOURNAL

3.074

Microwave assisted preparation of activated carbon from pomelo skin for the removal of anionic and cationic dyes

K.Y. Foo

CHEMICAL ENGINEERING JOURNAL
3.074

Microwave-assisted preparation of oil palm fiber activated carbon for methylene blue adsorption

K.Y. Foo

CHEMICAL ENGINEERING JOURNAL
3.074

Optimized waste tea activated carbon for adsorption of Methylene Blue and Acid Blue 29 dyes using response surface methodology

M. Auta

CHEMICAL ENGINEERING JOURNAL
3.074

Photocatalytic degradation of 2,4-dichlorophenoxyacetic acid by Ca–Ce–W–TiO₂ composite photocatalyst

U.G. Akpan

CHEMICAL ENGINEERING JOURNAL
3.074

Preparation and characterization of activated carbon from corncob by chemical activation with H₃PO₄ for 2,4-dichlorophenoxyacetic acid adsorption

V.O. Njoku

CHEMICAL ENGINEERING JOURNAL
3.074

Preparation and characterization of activated carbon from pistachio nut shells via microwave-induced chemical activation

K.Y. Foo

BIO MASS AND BIOENERGY
3.840

Preparation and characterization of activated carbon from sunflower seed oil residue via microwave assisted K₂CO₃ activation

K.Y. Foo

BIORESOURCE TECHNOLOGY
4.365

Preparation of activated carbon from date stones by microwave induced chemical activation: Application for methylene blue adsorption

K.Y. Foo

CHEMICAL ENGINEERING JOURNAL
3.074

Preparation of waste tea activated carbon using potassium acetate as an activating agent for adsorption of Acid Blue 25 dye

M. Auta

CHEMICAL ENGINEERING JOURNAL
3.074

Solar degradation of an azo dye, acid red 1, by Ca–Ce–W–TiO₂ composite catalyst

U.G. Akpan

CHEMICAL ENGINEERING JOURNAL
3.074

Synthesis of fatty acid methyl ester from crude jatropha (*Jatropha curcas Linnaeus*) oil using aluminium oxide modified Mg–Zn heterogeneous catalyst

M.A. Olutoye

BIORESOURCE TECHNOLOGY
4.365

Synthesis of fatty acid methyl ester from palm oil (*Elaeis guineensis*) with Ky(MgCa)2xO₃ as heterogeneous catalyst

S.C. Lee, M.A. Olutoye

BIORESOURCE TECHNOLOGY
4.365

Synthesis of methyl esters from palm (*Elaeis guineensis*) oil using cobalt doped MgO as solid oxide catalyst

M.A. Olutoye, Ur Ashikin Ab Rahman

BIORESOURCE TECHNOLOGY

4.365

Transformation of durian biomass into a highly valuable end commodity: Trends and opportunities

K.Y. Foo

BIOMASS AND BIOENERGY

3.840

Utilization of rice husks as a feedstock for preparation of activated carbon by microwave induced KOH and

K_2CO_3 activation

K.Y. Foo

BIORESOURCE TECHNOLOGY

4.365

Dr Benny Teh Cheng Guan

Pusat Pengajian Sains Kemasyarakatan

Japan–China rivalry: What role does the East Asia Summit play?

ASIA PACIFIC VIEWPOINT

0.500

Profesor Boey Peng Lim

Pusat Pengajian Sains Kimia

Utilization of BA (boiler ash) as catalyst for transesterification of palm olein

Dr Melati Binti Khairuddean, Lim Sau Lai, Lim Sze Xooi, Gaanty Pragas Maniam, Shangeetha Ganesan

ENERGY

3.597

Utilization of waste cockle shell (*Anadara granosa*) in biodiesel production from palm olein: Optimization using response surface methodology

Gaanty Pragas Maniam, Shafida Abd Hamid, Dafaalla Mohamed Hag Ali

FUEL

3.604

Performance of calcium oxide as a heterogeneous catalyst in biodiesel production: A review

Gaanty Pragas Maniam, Shafida Abd Hamid

CHEMICAL ENGINEERING JOURNAL

3.074

Catalysts derived from waste sources in the production of biodiesel using waste cooking oil

Dr Melati Binti Khairuddean, Gaanty Pragas Maniam, Shangeetha Ganesan

CATALYSIS TODAY

2.993

Profesor Chan Kit Lam

Pusat Pengajian Sains Farmasi

Developing a validated liquid chromatography-mass spectrometric method for the simultaneous analysis of five bioactive quassinoid markers for the standardization of manufactured batches of *Eurycoma longifolia*

Jack extract as antimalarial medicaments.

Dr Vikneswaran A/L Murugaiyah, Teh Chin Hoe

JOURNAL OF CHROMATOGRAPHY A

4.194

Dr Chan Yean Yean

Pusat Pengajian Sains Perubatan

A rapid DNA biosensor for the molecular diagnosis of infectious disease

Dr Lim Boon Huat, Chua Ang Lim, Manickam Ravichandran, Pattabhiraman Lalitha

BIOSENSORS AND BIOELECTRONICS

5.361

Puan Che Nin Binti Man

Pusat Racun Negara

Identification of thioketone analogues of sildenafil using gas chromatography–mass spectrometry

Puan Norjuliana Binti Mohd Noor, Prof Madya Razak Bin Lajis

JOURNAL OF CHROMATOGRAPHY A

4.194

Dr Chen Chee Keong

Pusat Pengajian Sains Perubatan

Comparison of factors associated with physical inactivity among East Asian college students

C. G. Lee, C. Wang, Dong-Chul Seo, M Chia, M. M. C. Mok, Ming Kai Chin, Mohammad R. Torabi, P. Wong, Sen Fang Huang

INTERNATIONAL JOURNAL OF BEHAVIORAL MEDICINE

1.762

Prof Madya Ir Cheong Kuan Yew

Pusat Pengajian Kejuruteraan Bahan dan Sumber Mineral

Thermal oxidation and nitridation of sputtered Zr thin film on Si via N₂O gas

Wong Yew Hoong

JOURNAL OF ALLOYS AND COMPOUNDS

2.138

Effects of Post-Deposition Annealing Temperature and Time on Physical Properties of Metal-Organic Decomposed Lanthanum Cerium Oxide Thin Film

Prof Madya Zainovia Binti Lockman, Lim Way Foong

THIN SOLID FILMS

1.935

Effects of N₂O Post-Deposition Annealing on Metal-Organic Decomposed CeO₂ Gate Oxide Spin-Coated on GaN Substrate

Prof Madya Zainovia Binti Lockman, Profesor Zainuriah Binti Hassan, Quah Hock Jin

JOURNAL OF THE ELECTROCHEMICAL SOCIETY

2.427

Electrical Characteristics of Oxidized/Nitrided Zr Thin Film on Si

Wong Yew Hoong

JOURNAL OF THE ELECTROCHEMICAL SOCIETY

2.427

Profesor Chong Shu Chien @ Alexander

Pusat Pengajian Sains Kajihayat

Mitragynine Attenuates Withdrawal Syndrome in Morphine-Withdrawn Zebrafish

Khor Beng Siang, Mohd Fadzly Amar Bin Jamil, Mohd Ilham Adenan

PLOS ONE

4.411

Proteomics of Buccal Cavity Mucus in Female Tilapia Fish (*Oreochromis spp.*): A Comparison between Parental and Non-Parental Fish

Koe Chun Iq

PLOS ONE

4.411

Profesor Darah Binti Ibrahim

Pusat Pengajian Sains Kajihayat

Enzymatic and chemical deinking of mixed office wastepaper and old newspaper: paper quality and effluent characteristics

Dr Lee Chee Keong, Profesor Wan Rosli Bin Wan Daud, Ibrahim Che Omar

BIORESOURCES

1.418

Prof Madya Duraisamy Sambasivam Sankar

Pusat Pengajian Sains Matematik

Nonlinear mathematical analysis for blood flow in a constricted artery under periodic body acceleration

Usik Lee

COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION

2.698

Non-linear Mathematical Model for Peristaltic Motion of Bio-fluids

INTERNATIONAL JOURNAL OF NONLINEAR SCIENCES AND NUMERICAL SIMULATION

3.100

Profesor Farook A/L Adam

Pusat Pengajian Sains Kimia

The liquid phase oxidation of styrene with tungsten modified silica as a catalyst

Mohammad Anwar Mohamed Iqbal

CHEMICAL ENGINEERING JOURNAL

3.074

Solvent free liquid-phase alkylation of phenol over solid sulfanilic acid catalyst

Kasim M. Hello, Tammar Hussein Ali

APPLIED CATALYSIS A: GENERAL

3.384

A simple template-free sol-gel synthesis of spherical nanosilica from agricultural biomass

Chew Thiam Seng, Jeyashelly Andas

JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY

1.525

A novel acylated flavonoidic glycoside from the wood of cultivated acacia nilotica (L.) willd. ex. delile

Jamal Ahmad, Oampal Singh, Zakia Khanam

BIORESOURCES

1.418

Profesor Fauziah Ahmad

Pusat Pengajian Kejuruteraan Awam

Performance of oil palm empty fruit bunch fibres coated with acrylonitrile butadiene styrene

Prof Madya Ahmad Shukri Bin Yahaya, Puan Mastura Binti Azmi, Farshid Bateni

CONSTRUCTION AND BUILDING MATERIALS

1.366

Prof Madya Fauziah Binti Sulaiman

Pusat Pengajian Sains Fizik

Optimum conditions for maximising pyrolysis liquids of oil palm empty fruit bunches

Dr Nurhayati Binti Abdullah

ENERGY

3.597

Profesor Fun Hoong Kun

Pusat Pengajian Sains Fizik

A new rhodamine based colorimetric 'off-on' fluorescence sensor selective for Pd²⁺ along with the first bound X-ray crystal structure

Dr Quah Ching Kheng, Debabrata Sen, Nirmal Kumar Das, Shyamaprosad Goswami

CHEMICAL COMMUNICATIONS

5.787

Canarene: A Triterpenoid with a Unique Carbon Skeleton from Canarium schweinfurthii

Achyut Adhikari, Bonaventure T. Ngadjui, Ikhlas A. Khan, M. Iqbal Choudhary, Pascal Wafo, Ramsay S. T. Kamdem, Saima Rasheed, Sammer Yousuf, Zulfiqar Ali

ORGANIC LETTERS

5.250

Dr Gan Chee Yuen

Pusat Kawalan Doping

Extraction of antioxidant pectic-polysaccharide from mangosteen(*Garcinia mangostana*) rind: Optimization using response surface methodology

Profesor Aishah Binti Abdul Latiff

CARBOHYDRATE POLYMERS

3.463

Optimisation of the solvent extraction of bioactive compounds from *Parkia speciosa* pod using response surface methodology

Profesor Aishah Binti Abdul Latiff

FOOD CHEMISTRY

3.458

Dr Hairul Anuar Bin Hashim

Pusat Pengajian Sains Perubatan

Relationships between Stress, Anxiety, Depression and Academic Achievement among Secondary School Students: The Moderating Effects of Habituated Exercise

Freddy Bin Golok, Rosmatunisah Ali

JOURNAL OF PHYSICAL ACTIVITY & HEALTH

1.857

Profesor Hamidi Bin Abdul Aziz @ Abdul Rahman

Pusat Pengajian Kejuruteraan Awam

Landfill leachate treatment using powdered activated carbon augmented sequencing batch reactor (SBR) process: Optimization by response surface methodology (2011) Journal of Hazardous Materials, 189

Prof Madya Mohd Suffian Bin Yusoff, Mohammed J.K. Bashir

JOURNAL OF HAZARDOUS MATERIALS

3.723

New sequential treatment for mature landfill leachate by cationic/anionic and anionic/cationic processes: Optimization and comparative study

Prof Madya Mohd Suffian Bin Yusoff, Mohammed J.K. Bashir

JOURNAL OF HAZARDOUS MATERIALS

3.723

Kinetic modeling and half life study on bioremediation of crude oil dispersed by Corexit 9500

Leila Mohajeri, Mohammad Ali Zahed, Soraya Mohajeri, Mohamed Hasnain Isa, Shamsul Rahman Mohamed Kutty

JOURNAL OF HAZARDOUS MATERIALS

3.723

Profesor Hanafi Bin Ismail

Pusat Pengajian Kejuruteraan Bahan Dan Sumber Mineral

The Effect of Kenaf Fibre Loading on Curing Characteristics and Mechanical Properties of Waste tyre dust/ kenaf fibre hybrid filler filled natural rubber compounds

Dr Nadras Binti Othman, Nurul Farhana Omar

BIORESOURCES

1.418

Mechanical properties, water absorption, and swelling behaviour of rice husk powder filled polypropylene/ recycled acrylonitrile butadiene rubber (PP/NBRR/RHP) biocomposites using silane as a coupling agent

Ragunathan A/L Santiago, Kamaruddin Hussin

BIORESOURCES

1.418

The effect of chitosan loading on the curing characteristics, mechanical and morphological properties of chitosan-filled natural rubber (NR), epoxidised natural rubber (ENR) and styrene-butadiene rubber (SBR) compounds

Dr Nadras Binti Othman, Shazlin Bt Mohamed Shaari

POLYMER TESTING

2.016

Study of the effect of different shapes of ultrafine silica as fillers in natural rubber compounds

Siti Suhaida Idrus, Samayamutthirian Palaniandy

POLYMER TESTING

2.016

Mechanical properties and water absorption of kenaf powder filled recycled high density polyethylene/natural rubber biocomposites using mape as a compatibilizer

Prof Madya Azura Binti A. Rashid, Xuan Viet Cao, Thao Vo Huu, Tsutomu Takeichi

BIORESOURCES

1.418

Profesor Haslan Bin Abu Hassan

Pusat Pengajian Sains Fizik

Quaternary Ultraviolet AlInGaN MQW Laser Diode Performance Using Quaternary AlInGaN Electron Blocking Layer

Profesor Zainuriah Binti Hassan, Alaa Jabbar Ghazai, Sabah M. Thahab

OPTICS EXPRESS

3.753

Prof Madya Hasmaliza Bt Mohamad

Pusat Pengajian Kejuruteraan Bahan Dan Sumber Mineral

Effect of impurities content from minerals on phase transformation, densification and crystallization of -cordierite glass-ceramic

Profesor Zainal Arifin Bin Ahmad, Banjuraizah Johar

JOURNAL OF ALLOYS AND COMPOUNDS

2.138

Profesor Hazizan Bin Md Akil

Pusat Pengajian Kejuruteraan Bahan Dan Sumber Mineral

Behavior of kenaf fibers after immersion in several water conditions

Prof Madya Azhar Bin Abu Bakar, Rofesor Zainal Arifin Bin Mohd Ishak, Norlin Nosbi

BIORESOURCES

1.418

Effect of catalyst calcination temperature on the synthesis of MWCNT-alumina hybrid compound using methene decomposition method

Prof Madya Hasmaliza Bt Mohamad, Lim Eng Loon, Muhammad Helmi Abdul Kudus

JOURNAL OF ALLOYS AND COMPOUNDS

2.138

Profesor Ismail Bin Ab Rahman

Pusat Pengajian Sains Pergigian

Physical and optical properties of organo-modified silica nanoparticles prepared by sol-gel

Mohamad Jafarzadeh, Coswald Stephen Sipaut

JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY

1.525

Dr Joshua Ignatius

Pusat Pengajian Sains Matematik

PROMETHEE Group Decision Support System and the House of Quality

Majid Behzadian, Mark Goh, Mohammad Mehdi Sepehri, Seyyed-Mahdi Hosseini-Motlagh

GROUP DECISION AND NEGOTIATION

1.048

Profesor K Sudesh Kumar A/L C Kanapathi Pillai

Pusat Pengajian Sains Kajihayat

Biosynthesis and characterization of poly(3-hydroxybutyrate-co-3-hydroxyvalerate) and poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) copolymers using Jatropha oil as the main carbon source

Ng Ko Sin, Wong Yoke Ming, Takeharu Tsuge

PROCESS BIOCHEMISTRY

2.648

DNA-functionalized thermoresponsive bioconjugates synthesized via ATRP and click chemistry

Ooi Wei Yang, Atsushi Goto, Masahiro Fujita, Mizuo Maeda, Pengju Pan, Tohru Takarada

POLYMER

3.829

Prof Madya Kamal Zuhairi Bin Zamli

Pusat Pengajian Kejuruteraan Elektrik Dan Elektronik

Design and implementation of a t-way test data generation strategy with automated tool execution support

Prof Madya Nor Ashidi Bin Mat Isa, Mohammad Fj Klaib, Mohammed I. Younis, Rusli Abdullah

INFORMATION SCIENCES

2.836

Prof Madya Khairunisak Binti Abdul Razak

Pusat Pengajian Kejuruteraan Bahan Dan Sumber Mineral

Properties of praseodymium-doped bismuth potassium titanate ($\text{Bi}_0.5\text{K}_0.5\text{TiO}_3$) synthesised using the soft combustion technique

Ng Chai Yan

JOURNAL OF ALLOYS AND COMPOUNDS

2.138

Prof Madya Lean Hooi Hooi

Pusat Pengajian Sains Kemasyarakatan

Does financial development increase energy consumption? The role of industrialization and urbanization in Tunisia

Muhammad Shahbaz

ENERGY POLICY

2.629

Dr Lee Chee Keong

Pusat Pengajian Teknologi Industri

Pilot scale enzymatic deinking of mixed office wastepaper and old newspaper

Profesor Darah Binti Ibrahim, Profesor Wan Rosli Bin Wan Daud, Prof. Ibrahim Che Omar

BIORESOURCES

1.418

Profesor Lee Chow Yang

Pusat Pengajian Sains Kajihayat

Surface contact toxicity and synergism of several insecticides against different stages of the tropical bed bug, *Cimex hemipterus* (Hemiptera: Cimicidae)

How Yee Fatt

PEST MANAGEMENT SCIENCE

2.313

Population Ecology and Movement of the American Cockroach (Dictyoptera: Blattidae) in Sewers

Ahmad Ramli Bin Saad, Tee Hui Siang

JOURNAL OF MEDICAL ENTOMOLOGY

1.925

Physiological changes in major soldiers of *Macrotermes gilvus* (Isoptera: Termitidae) induced by the endoparasitoid *Misotermes mindeni* (Diptera: Phoridae)

Prof Madya Ahmad Sofiman Bin Othman, Foo Foong Kuan

JOURNAL OF INSECT PHYSIOLOGY

2.310

Toxicity and horizontal transfer of chlorantraniliprole against the Asian subterranean termite *Coptotermes gestroi* (Wasmann): Effects of donor: Recipient ratio, exposure duration and soil type

Jian Hu, Neoh Kok Boon, Yeoh Boon Hoi

PEST MANAGEMENT SCIENCE

2.313

Prof Madya Lee Keat Teong

Pusat Pengajian Kejuruteraan Kimia

Mixed methanol-ethanol technology to produce greener biodiesel from waste cooking oil: A breakthrough for $\text{SO}_{42}^-/\text{SnO}_2\text{-SiO}_2$ Catalyst

Lam Man Kee

FUEL PROCESSING TECHNOLOGY

2.781

Parallel production of biodiesel and bioethanol in palm-oil-based biorefineries: life cycle assessment on the energy and greenhouse gases emissions

Steven Lim

BIOFUELS, BIOPRODUCTS AND BIOREFINING

5.515

Leading global energy and environmental transformation: Unified ASEAN biomass-based bio-energy system incorporating the clean development mechanism

Steven Lim

BIOMASS AND BIOENERGY

3.840

Effects of solid pre-treatment towards optimizing supercritical methanol extraction and transesterification of *Jatropha curcas* L. seeds for the production of biodiesel

Steven Lim

SEPARATION AND PURIFICATION TECHNOLOGY

2.775

A review on supercritical fluids (SCF) technology in sustainable biodiesel production: Potential and challenges

Tan Kok Tat

RENEWABLE AND SUSTAINABLE ENERGY REVIEWS

4.595

Prospects of non-catalytic supercritical methyl acetate process in biodiesel production

Profesor Abdul Rahman Bin Mohamed, Tan Kok Tat

FUEL PROCESSING TECHNOLOGY

2.781

Second-generation biofuel (SGB) in Southeast Asia via lignocellulosic biorefinery: Penny-foolish but pound-wise

Goh Chun Sheng

RENEWABLE AND SUSTAINABLE ENERGY REVIEWS

4.595

A green catalyst for biodiesel production from jatropha oil: Optimization study

Yee Kian Fei, Jeffrey C.S. Wu

BIOMASS AND BIOENERGY

3.840

Production of biodiesel from *Jatropha curcas* L. oil catalyzed by SO_4^2-/ZrO_2 catalyst: Effect of interaction between process variables

Prof Madya Ahmad Zuhairi Bin Abdullah, Yee Kian Fei, Riccardo Ceccato

BIORESOURCE TECHNOLOGY

4.365

Simultaneous SO_2 and NO removal using sorbents derived from rice husks: An optimisation study

Profesor Abdul Rahman Bin Mohamed, Lau Lee Chung

FUEL

3.604

Evaluation and optimization of organosolv pretreatment using combined severity factors and response surface methodology

Goh Chun Sheng, Tan Hui Teng, Nicolas Brosse

BIOMASS AND BIOENERGY

3.840

Dr Lee See Keong

Pusat Pengajian Sains Matematik

Convolutions of Meromorphic Multivalent Functions with respect to n-ply Points and Symmetric Conjugate Points

Profesor Dato' Rosihan Bin Mohamed Ali, Chandrashekar A/L Ramasamy, V. Ravichandran

APPLIED MATHEMATICS AND COMPUTATION

1.536

Dr Leh Cheu Peng

Pusat Pengajian Teknologi Industri

Second-generation bioethanol as a sustainable energy source in Malaysia transportation sector: Status, potential and future prospects

Prof Madya Lee Keat Teong, Puan Wan Nadiah Binti Wan Abdullah, Tye Ying Ying

RENEWABLE AND SUSTAINABLE ENERGY REVIEWS

4.595

Dr Leo Choe Peng

Pusat Pengajian Kejuruteraan Kimia

A feasibility investigation on ultrafiltration of palm oil and oleic acid removal from glycerin solutions: flux decline, fouling pattern, rejection and membrane characterizations

Chai Siang Piao, Mah Shee Keat, Wu Ta Yeong

JOURNAL OF MEMBRANES SCIENCE

3.673

Dr Lim Jit Kang

Pusat Pengajian Kejuruteraan Kimia

Magnetophoresis of Nanoparticles

Caitlin Lanni, Eric R. Evarts, Frederick Lanni, Robert D. Tilton, Sara A. Majetich

ACS NANO

9.865

Profesor Lim Poh Eng

Pusat Pengajian Sains Kimia

Bioregeneration of granular activated carbon in simultaneous adsorption and biodegradation of chlorophenols

Dr Amat Ngilmi Bin Ahmad Sujari, Prof Madya Seng Chye Eng, Oh Wen Da

BIORESOURCE TECHNOLOGY

4.365

Prof Madya Liang Min Tze

Pusat Pengajian Teknologi Industri

Effect of Ultrasound on the Growth of Probiotics and Bioconversion of Isoflavones in Prebiotic-Supplemented Soymilk

Yeo Siok Koon

JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY

2.816

Electroporation enhances the ability of lactobacilli to remove cholesterol

Profesor Abd Karim Bin Alias, Profesor Gulam Rusul Bin Rahmat Ali, Lye Huey Shi

JOURNAL OF DAIRY SCIENCE

2.497

Agrowaste-Based Nanofibers as a Probiotic Encapsulant: Fabrication and Characterization

Profesor Yuen Kah Hay, Fung Wai Yee

JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY

2.816

Ultrasound treatment enhances cholesterol removal ability of lactobacilli

Profesor Abd Karim Bin Alias, Rofesor Gulam Rusul Bin Rahmat Ali, Lye Huey Shi

ULTRASONICS SONOCHEMISTRY

3.203

Nanotech: Propensity in Foods and bioactives

Profesor Yuen Kah Hay, Fung Wai Yee, Kuan Chiu Yin

CRITICAL REVIEWS IN FOOD SCIENCE AND NUTRITION

4.510

Enhanced growth of lactobacilli and bioconversion of isoflavones in biotin-supplemented soymilk upon ultrasound-treatment

Profesor Abd Karim Bin Alias, Prof Madya Rajeev Bhat, Puan Wan Nadiah Binti Wan Abdullah, Ewe Joo Ann

ULTRASONICS SONOCHEMISTRY

3.203

Dr Low Siew Chun

Pusat Pengajian Kejuruteraan Kimia

Interaction of isothermal phase inversion and membrane formulation for pathogens detection in water

Profesor Abdul Latif Bin Ahmad, Ng Qi Hwa, Norhidayah Ideris

BIORESOURCE TECHNOLOGY

4.365

Profesor Ir Mahyuddin Bin Ramli

Pusat Pengajian Perumahan Bangunan Dan Perancangan

Mechanical Behaviour of Polymer-Modified Ferrocement Under Different Exposure Conditions: An Experimental Study

Dr Amin Akhavan Tabassi

COMPOSITES PART B-ENGINEERING

1.773

Influence of the Amount of Recycled Coarse Aggregate in Concrete Design and Durability Properties

Dr Mohd Zailan Bin Suliman, Kam Kenn Jhun, Kwan Wai Hoe

CONSTRUCTION AND BUILDING MATERIALS

1.366

Prof Madya Maizurah Binti Omar

Pusat Racun Negara

Using Cognitive Interviewing and Behavioral Coding to Determine Measurement Equivalence across

Linguistic and Cultural Groups: An Example from the International Tobacco Control Policy Evaluation Project

Profesor Rahmat Bin Awang, Anne C.K.Quah, Buppha Sirirassamee, Gregory Dominick, James F. Thrasher

Marcelo Boado, Pete Driezen, Ron Borland, Warwick Hosking

FIELD METHODS

1.186

Dr Mardiana Idayu Binti Ahmad

Pusat Pengajian Teknologi Industri

An experimental study on the performance of enthalpy recovery system for building applications

Saffa B. Riffat

ENERGY AND BUILDINGS

2.046

Review on heat recovery technologies for building applications

Saffa B. Riffat

RENEWABLE AND SUSTAINABLE ENERGY REVIEWS

4.595

Prof Madya Ir Mariatti Binti Jaafar @ Mustapha

Pusat Pengajian Kejuruteraan Bahan Dan Sumber Mineral

Evaluation of the flexural properties and bioactivity of bioresorbable PLLA/PBSL/CNT and PLLA/PBSL/TiO₂ nanocomposites

Prof Madya Srimala A/P Sreekantan, Prof Madya Zulkifli Bin Ahmad, Chou Pui May

COMPOSITES PART B-ENGINEERING

1.773

Properties of spin coated epoxy/silica thin film composites: Effect of nano- and micron-size fillers

Prof Madya Azizan Bin Aziz, Evon Foo Yin Lin, Sim Lim Chong

COMPOSITES PART A-APPLIED SCIENCE AND MANUFACTURING

2.349

Prof Madya Sr Mastura Binti Jaafar @ Mustapha

Pusat Pengajian Perumahan Bangunan Dan Perancangan

Entrepreneurship in the tourism industry: issues in developing countries

Profesor Abdul Rashid Bin Abdul Aziz, Siti Aishah Maideen, Siti Zaleha Mohd Sukarno

INTERNATIONAL JOURNAL OF HOSPITALITY MANAGEMENT

1.382

Dr Mazlan Bin Ibrahim

Pusat Pengajian Teknologi Industri

Comparative Properties of Soda Pulps from Stalk, Bast and Core of Malaysian Grown Kenaf

Profesor Wan Rosli Bin Wan Daud, Kwei-Nam Law

BIORESOURCES

1.418

Profesor Md Roslan Bin Hashim

Pusat Pengajian Sains Fizik

Growth and Characterization of tree-like crystalline structures during electrochemical formation of porous

GaN

Khalled Al Heuseen, Nihad K Ali

JOURNAL OF THE ELECTROCHEMICAL SOCIETY

2.427

Prof Madya Megat Azmi Bin Megat Johari

Pusat Pengajian Kejuruteraan Awam

Influence of supplementary cementitious materials on engineering properties of high strength concrete

Dr Shahid Kabir, J. J. Brooks, Patrice Rivard

CONSTRUCTION AND BUILDING MATERIALS

1.366

Profesor Michael Khoo Boon Chong

Pusat Pengajian Sains Matematik

What are the best sample sizes for the Xbar and CUSUM charts?

Mei Yang, Philippe Castagliola, Zhang Wu

INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS

1.988

Dr Mohamad Hekarl Bin Uzir

Pusat Pengajian Kejuruteraan Kimia

The feasibility of growing cells of *Saccharomyces cerevisiae* for citronellol production in a continuous-closed-gas-loop bioreactor (CCGLB)

Prof Madya Mashitah Bt Mat Don, Aimi Aishah Arifin

BIORESOURCE TECHNOLOGY

4.365

Conceptual design and simulation of a plant for the production of high purity (S)-ibuprofen acid using innovative enzymatic membrane technology

Profesor Azlina Binti Harun @ Kamaruddin, Profesor Subhash Bhatia, Fadzil Noor Gonawan, Lau Sie Yon

CHEMICAL ENGINEERING JOURNAL

3.074

Baker's yeast mediated biotransformation of geraniol into citronellol using a continuous-closed-gas-loop bioreactor (CCGLB) system

Prof Madya Mashitah Bt Mat Don, Aimi Aishah Arifin

BIOCHEMICAL ENGINEERING JOURNAL

2.692

Prof Madya Mohamad Nasir Bin Mohamad Ibrahim

Pusat Pengajian Sains Kimia

Chemical and thermal properties of lignins from oil palm biomass as a substitute for phenol in a phenol formaldehyde resin production

Profesor Othman Bin Sulaiman, Prof Madya Rokiah Binti Hashim, Norhidaya Zakaria, Coswald Stephen Sipaut
CARBOHYDRATE POLYMERS

3.463

Prof Madya Mohamed Azmi Bin Ahmad Hassali

Pusat Pengajian Sains Farmasi

A survey evaluating nurses' perception and expectations towards the role of pharmacist in Pakistan's healthcare system

Profesor Mohamed Izham Bin Mohamed Ibrahim, Siow Liau Yen, Fahad Saleem, Saira Azhar
JOURNAL OF ADVANCED NURSING

1.540

Assessing quality of a worksite health promotion programme from participants views: findings from a qualitative study in Malaysia

Prof Madya Asrul Akmal Bin Shafie, Profesor Mohamed Izham Bin Mohamed Ibrahim, Siow Liau Yen
HEALTH EXPECTATIONS

2.315

Perspectives of heart failure patients in Malaysia towards medications and disease state management: findings from a qualitative study

Prof Madya Asrul Akmal Bin Shafie, Long Chiau Ming, Ahmed Awaisu, Mahmoud Al-Haddad, Muhammad Abdul Hadi
JOURNAL OF PUBLIC HEALTH

1.878

Dr Mohammad Azamathulla Hazi

Pusat Penyelidikan Kejuruteraan Sungai Dan Saliran Bandar

Gene-Expression Programming for the Development of a Stage-Discharge Curve of the Pahang River

Profesor Aminuddin Bin Ab Ghani, Encik Chang Chun Kiat, Encik Leow Cheng Siang, Profesor Nor Azazi Bin Zakaria
WATER RESOURCES MANAGEMENT

2.201

Profesor Mohd Asri Bin Mohd Nawi

Pusat Pengajian Sains Kimia

Photocatalytic-oxidation of solid state chitosan by immobilized bilayer assembly of TiO₂-chitosan under a compact household fluorescent lamp irradiation

Prof Madya Wan Saime Bin Wan Ngah, Ali H.Jawad, Sumiyyah Binti Sabar
CARBOHYDRATE POLYMERS

3.463

Dr Mohd Azmier Bin Ahmad

Pusat Pengajian Kejuruteraan Kimia

Optimization of rambutan peel based activated carbon preparation conditions for Remazol Brilliant Blue R removal

Rasyidah Alrozi
CHEMICAL ENGINEERING JOURNAL
3.074

Equilibrium, kinetics and thermodynamic of Remazol Brilliant Orange 3R dye adsorption on coffee husk-based activated carbon

Nazira Khabibor Rahman
CHEMICAL ENGINEERING JOURNAL
3.074

Removal of malachite green dye from aqueous solution using rambutan peel-based activated carbon:

Equilibrium, kinetic and thermodynamic studies
Rasyidah Alrozi
CHEMICAL ENGINEERING JOURNAL
3.074

Using cocoa (*Theobroma cacao*) shell-based activated carbon to remove 4-nitrophenol from aqueous solution: Kinetics and equilibrium studies

Fisal Ahmad, Rosinah Radzi, Wan Mohd Ashri Wan Daud
CHEMICAL ENGINEERING JOURNAL
3.074

Prof Madya Mohd Baidi Bin Bahari

Pusat Pengajian Sains Farmasi

Development of a questionnaire on knowledge, attitude and practice about immunization among Iraqi parents

Amena Y Basher, Omer Qutaiba Baderaldeen, Mustafa G Alabbassi
JOURNAL OF PUBLIC HEALTH
1.878

Encik Mohd Firdaus Bin Yhaya

Pusat Pengajian Teknologi Industri

Development of Micellar Novel Drug Carrier Utilizing Temperature-Sensitive Block Copolymers Containing Cyclodextrin Moieties

Andrew M. Gregory, Johnny Lim, Martina H. Stenzel, Mingtao Liang, Yoseop Kim
MACROMOLECULES
4.838

Profesor Mohd Jain Noordin Bin Mohd Kassim

Pusat Pengajian Sains Kimia

A correlation on the phenolic profiles and corrosion inhibition properties of mangrove tannins (*Rhizophora apiculata*) as affected by extraction solvents

Tan Kang Wei
CORROSION SCIENCE
3.265

Adsorption of copper ion from its aqueous solution by a novel biosorbent *Uncaria gambir*: Equilibrium, kinetics, and thermodynamic studies

Azraa Achmad, Tong Kim Suan
CHEMICAL ENGINEERING JOURNAL
3.074

Profesor Mohd Mokhtar Bin Saidin

Pusat Penyelidikan Arkeologi Malaysia

The Recent Rock Drawings of the Lenggong Valley, Perak, Malaysia

Paul S. C. Tacon
ANTIQUITY
0.969

Profesor Mohd Omar Bin Ab Kadir

Pusat Pengajian Teknologi Industri

Extraction of β -carotenes from palm oil mesocarp using sub-critical R134a

Wahyu Bahari Setianto, Ana Nazwa Mustapa, Mohd Azizi Che Yunus, Zainuddin Abdul Manan
FOOD CHEMISTRY
3.458

Prof Madya Mohd Roslee Bin Othman

Pusat Pengajian Kejuruteraan Kimia

In situ carbon dioxide capture and fixation from a hot flue gas

Ahmed Daham Wiheeb, Martinus, Zuchra Helwani, J. Kim
INTERNATIONAL JOURNAL OF GREENHOUSE GAS CONTROL
4.081

Prof Madya Mohd Suffian Bin Yusoff

Pusat Pengajian Kejuruteraan Awam

Application of psyllium husk as coagulant and coagulant aid in semi-aerobic landfill leachate treatment

Profesor Ir Dr Mohd Nordin Bin Adlan, Mohammed J.K. Bashir, Muhammad Umar, Yasir A.J. Al-Hamadani

JOURNAL OF HAZARDOUS MATERIALS

3.723

Profesor Mohd Zulkifly Bin Abdullah

Pusat Pengajian Kejuruteraan Mekanik

Numerical analysis on the effects of different inlet gates and gap heights in TQFP encapsulation process

Dr Ing Muhammad Razi Bin Abdul Rahman, Prof Madya Zulkifli Bin Mohamad Ariff, Dadan Ramdan, Khor Chun Yee, Mohd Firdaus Mior Abdul Majid, Muhammad Khalil Bin Abdullah, M. Abdul Mujeebu

INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER

1.899

Experimental analysis and FEM simulation of finned U-shape multi heat pipe for desktop PC cooling

Mohamed H. A. Elnaggar, M. Abdul Mujeebu

ENERGY CONVERSION AND MANAGEMENT

2.072

Development of energy efficient porous medium burners on surface and submerged combustion modes

A. A. Mohamad, M. Abdul Mujeebu

ENERGY

3.597

Profesor Morshidi Bin Sirat

Pusat Pengajian Ilmu Kemanusiaan

The complexities and challenges of regional education hubs: Focus on Malaysia

Jane Knight

HIGHER EDUCATION

0.823

Prof Madya Muhammad Kamarul Kabilan Bin Abdullah

Pusat Pengajian Ilmu Pendidikan

Assessing Pre-service English Language Teachers' Learning Using E-portfolios: Benefits, Challenges and Competencies Gained.

Mahbub Ahsan Khan

COMPUTERS AND EDUCATION

2.617

Profesor Munavvar Zubaid Bin Abdul Sattar

Pusat Pengajian Sains Farmasi

Influence of High-Fructose Feeding on Alpha 1 Adrenoceptor Subtype in Rat Kidney

Hassaan A. Rathore, Mohammed H Abdulla, Edward J Johns, Md. Abdul Hye Khan, Nor A. Abdullah

FASEB JOURNAL

6.515

Formulation and *in vitro* release evaluation of newly synthesized palm kernel oil esters-based nanoemulsion delivery system for 30% ethanolic dried extract derived from local *Phyllanthus urinaria* for skin antiaging*Elrashid Saleh Mahdi, Mohamed Hameem Sakeena, Azmin M. Noor, Ghassan Z Abdulla, Muthanna F Abdulkarim*

INTERNATIONAL JOURNAL OF NANOMEDICINE

4.976

In vitro permeation and in vivo anti-inflammatory and analgesic properties of nanoscaled emulsions containing ibuprofen for topical delivery

Ahmed F Muttee, Elrashid S Mahdi, Ghassan Z Abdulla, Mun F Yam, Azmin M. Noor, Ibrahim M Salman, Mahiran Basri, Mallikarjun Chitneni, Muthanna F Abdulkarim, Omar Z Ameer

INTERNATIONAL JOURNAL OF NANOMEDICINE

4.976

Prof Madya Mutharasu Devarajan

Pusat Pengajian Sains Fizik

Synthesis of In_2O_3 Thin Films from Indium Thin Film by Hot-Water Oxidation Method

Shanmugan Subramani

METALLURGICAL AND MATERIALS TRANSACTIONS A-PHYSICAL METALLURGY AND MATERIALS SCIENCE

1.721

Dr Ng Sha Shiong

Pusat Pengajian Sains Fizik

Surface and interface phonon polariton characteristics of wurtzite ZnO/GaN heterostructure

Profesor Haslan Bin Abu Hassan, Profesor Mat Johar Bin Abdullah, Profesor Zainuriah Binti Hassan, Lee Sai Cheong, Ooi Poh Kok, N. H. Al-Hardan, N. N. Novikova, V. A. Yakovlev

APPLIED PHYSICS LETTERS

3.841

Theoretical studies of surface phonon polariton in wurtzite AlInN ternary alloy

Profesor Haslan Bin Abu Hassan, Profesor Zainuriah Binti Hassan, Lee Sai Cheong, Ooi Poh Kok

THIN SOLID FILMS

1.935

Polarized infrared reflectance studies for wurtzite InN epilayers on Si(111) grown by molecular beam epitaxy

Profesor Haslan Bin Abu Hassan, Profesor Zainuriah Binti Hassan, Lee Sai Cheong, Ooi Poh Kok, W.L. Chen

THIN SOLID FILMS

1.935

Studies of surface and interface phonon polariton characteristics of wurtzite ZnO thin film on wurtzite 6H-SiC substrate by p-polarized infrared attenuated total reflection spectroscopy

Profesor Haslan Bin Abu Hassan, Profesor Mat Johar Bin Abdullah, Profesor Zainuriah Binti Hassan, Lee Sai Cheong, N.H.

Al-Hardan

THIN SOLID FILMS

1.935

Profesor Noor Aziah Binti Abd Aziz

Pusat Pengajian Teknologi Industri

Chemical and functional properties of the native banana (*Musa acuminata* balbisiana colla cv Awak) pseudo-stem and pseudo-stem tender core flours

Prof Madya Baharin Bin Azahari, Dr Cheng Lai Hoong, Prof Madya Mohamad Nasir Bin Mohamad Ibrahim, Prof Madya Rajeev Bhat, Lee-Hoon Ho

FOOD CHEMISTRY

3.458

Dr Noor Zuhartini Binti Md Muslim

Pusat Pengajian Sains Kesihatan

Optical biosensor test strip for the screening and direct determination of l-glutamate in food samples

Profesor Bahruddin Bin Saad, Prof. Dr. Lee Yook Heng, Prof. Dr. Musa Ahmad

SENSORS AND ACTUATORS B-CHEMICAL

3.370

Prof Madya Nor Ashidi Bin Mat Isa

Pusat Pengajian Kejuruteraan Elektrik Dan Elektronik

Color Image Segmentation Using Histogram Thresholding – Fuzzy C-means Hybrid Approach

Tan Khang Siang

PATTERN RECOGNITION

2.682

Adaptive Evolutionary Artificial Neural Networks for Pattern Classification

Oong Tatt Hee

IEEE TRANSACTIONS ON NEURAL NETWORKS

2.633

Dr Norsila Binti Abdul Wahab

Pusat Pengajian Sains Pergigian

Effects of olfactory and gustatory stimuli on the biomechanics of swallowing

Maggie-Lee Huckabee, Richard D. Jones

PHYSIOLOGY AND BEHAVIOR

2.891

Dr Nurhayati Binti Abdullah

Pusat Pengajian Sains Fizik

An outlook of Malaysian energy, oil palm industry and its utilization of wastes as useful resources.

Dr Adilah Binti Shariff, Prof Madya Fauziah Binti Sulaiman, Heiko Gerhauser

BIOMASS AND BIOENERGY

3.840

Prof Madya Nurul Huda

Pusat Pengajian Teknologi Industri

Tuna fishing industry: A new outlook on fish protein hydrolysates

Prof Madya Rosma Binti Ahmad, Puan Wan Nadiah Binti Wan Abdullah, Herpadi

COMPREHENSIVE REVIEWS IN FOOD SCIENCE AND FOOD SAFETY

2.673

Prof Madya Othman Bin Sidek

Pusat Rekabentuk Mikroelektronik Negara

A review of vibration-based MEMS piezoelectric energy harvesters

Salem Abdullah Bin Saadon

ENERGY CONVERSION AND MANAGEMENT

2.072

Profesor Othman Bin Sulaiman

Pusat Pengajian Teknologi Industri

Properties of composite boards from oil palm frond agricultural waste

Izyan Khalid, Mat Rasat, Mohamed, A., Moktar, J., Tabet, T.A., Wahab, R.

BIORESOURCES

1.418

Characterization of Acacia Mangium Wood Based Activated Carbons Prepared in the Presence of Basic Activating Agents

Prof Madya Mohamad Nasir Bin Mohamad Ibrahim, R Mohd Rafatullah, Prof Madya Rokiah Binti Hashim, Danish, M., Tanweer Ahmad

BIORESOURCES

1.418

Profesor Radzali Bin Othman

Pusat Pengajian Kejuruteraan Bahan Dan Sumber Mineral

Effects of current density on the formation and microstructure of Sn-9Zn,Sn-8Zn-3Bi and Sn-3Ag-0.5Cu solder joints

Prof Madya Ahmad Badri Bin Ismail, Duong Ngoc Binh, T. Ariga, Bui Duc Long

INTERMETALLICS

2.335

Prof Madya Rajeev Bhat

Pusat Pengajian Teknologi Industri

Management of Aspergillus ochraceus and Ochratoxin-A contamination in coffee during on-farm processing through commercial yeast inoculation

K. Velmourougane, P. Panneerselvam, T.N. Gopinandhan

BIOLOGICAL CONTROL

2.164

Flower Extracts and Their Essential Oils as Potential Antimicrobial Agents for Food Uses and Pharmaceutical Applications

Profesor Gulam Rusul Bin Rahmat Ali, Han Ching Voon

COMPREHENSIVE REVIEWS IN FOOD SCIENCE AND FOOD SAFETY

2.673

Pithecellobium jiringa legume flour for potential food applications: Studies on their physico-chemical and functional properties

Profesor Abd Karim Bin Alias, Ashuwini Sridaran

FOOD CHEMISTRY

3.458

Quality attributes of starfruit (*Averrhoa carambola L.*) juice treated with ultraviolet radiation

Profesor Abd Karim Bin Alias, Prof Madya Liong Min Tze, Suhaida Binti Ameran, Han Ching Voon

FOOD CHEMISTRY

3.458

Sonication improves kasturi lime (*Citrus microcarpa*) juice quality

Profesor Abd Karim Bin Alias, Prof Madya Liong Min Tze, Nor Shuaidda Bt Che Kamaruddin

ULTRASONICS SONOCHEMISTRY

3.203

Profesor Ramayah A/L Thurasamy

Pusat Pengajian Pengurusan

A Multi-Objective Sensitivity Approach to Training Providers' Evaluation and Quota Allocation Planning

Dr Adli Bin Mustafa, Dr Joshua Ignatius, Profesor Lim Chee Peng, Profesor Muhamad Bin Jantan, Jasmine Yeap Ai Leen

INTERNATIONAL JOURNAL OF INFORMATION TECHNOLOGY AND DECISION MAKING

3.139

Prof Madya Rokiah Binti Hashim

Pusat Pengajian Teknologi Industri

Effect of Particle Size on the Characterization of Binderless Particleboard Made from *Rhizophora* Spp.

Mangrove Wood for Use as Phantom Material

Profesor Abd Aziz Bin Tajuddin, Profesor Othman Bin Sulaiman, Prof Madya Sabar Bin Bauk, Mohammad Wasef Marashdeh

BIORESOURCES

1.418

Properties of binderless particleboard from oil palm trunk with addition of polyhydroxyalkanoates

Profesor K Sudesh Kumar A/L C Kanapathi Pillai, Profesor Othman Bin Sulaiman, Kunasundari Balakrishnan, Mohana Baskaran, Norafizah Said, Salsabilah Mohamed Raffi, Akhiko Kosugi, Masatoshi Sato, Takamitsu Arai, Tomoko Sugimoto, Yutaka Mori

COMPOSITES PART B-ENGINEERING

1.773

Optimum manufacturing parameters for compressed lumber from oil palm (*Elaeis guineensis*) trunks:

Respond surface approach

Dr Mazlan Bin Ibrahim, Profesor Othman Bin Sulaiman, Nurjannah Salim, Masatoshi Sato, Salim Hiziroglu

COMPOSITES PART B-ENGINEERING

1.773

Profesor Dato' Rosihan Bin Mohamed Ali

Pusat Pengajian Sains Matematik

A third-order differential equation and starlikeness of a double integral operator

Dr Lee See Keong, A. Swaminathan, K. G. Subramanian

ABSTRACT AND APPLIED ANALYSIS

1.442

Bohr's phenomenon for analytic functions into the exterior of a compact convex body

Y. Abu-Muhanna

JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS

1.174

Closure properties of operators on the Ma-Minda-type starlike and convex functions

Abeer O. Badghaish, V. Ravichandran

APPLIED MATHEMATICS AND COMPUTATION

1.536

Prof Madya Rosma Binti Ahmad

Pusat Pengajian Teknologi Industri

Artocarpus integer leaf protease: Purification and characterisation

Siti Balqis Zulfigar

FOOD CHEMISTRY

3.458

Profesor Rozhan Bin Mohammed Idrus

Pusat Pengajian Pendidikan Jarak Jauh

Elameer-Idrus Orbital E-Education Framework for the University of Mustansiriyah (UoMust)

Amer Saleem Flayyeh Elameer

TURKISH ONLINE JOURNAL OF EDUCATIONAL TECHNOLOGY

1.016

Prof Madya Sabar Derita Hutagalung

Pusat Pengajian Kejuruteraan Bahan dan Sumber Mineral

High frequency response to the impedance complex properties of Nb-doped CaCu₃Ti₄O₁₂ electroceramics*Dr Julie Juliewatty Binti Mohamed, Prof Madya Mohd Fadzil Bin Ain, Profesor Zainal Arifin Bin Ahmad, Muhammad Azwadi**Sulaiman, Bakar Ismail*

JOURNAL OF ALLOYS AND COMPOUNDS

2.138

Prof Madya Seng Chye Eng

Pusat Pengajian Sains Kimia

Nitrogen removal in moving bed sequencing batch reactor using polyurethane foam cubes of various sizes as carrier materials

Dr Amat Ngilmi Bin Ahmad Sujari, Profesor Lim Poh Eng, Lim Jun Wei, Ng Si Ling

BIORESOURCE TECHNOLOGY

4.365

Dr Shahrom Bin Mahmud

Pusat Pengajian Sains Fizik

One-dimensional growth of zinc oxide nanostructures from large micro-particles in a highly rapid synthesis

JOURNAL OF ALLOYS AND COMPOUNDS

2.138

Prof Madya Shaida Fariza Binti Sulaiman

Pusat Pengajian Sains Kajihayat

Cytotoxic Activities of Physalis minima L. Chloroform Extract on Human Lung Adenocarcinoma NCI-H23 Cell Lines by Induction of Apoptosis

Ooi Kheng Leong, Tengku Sifzizul Tengku Muhammad

EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE

2.964

Essential oils of *Zingiber officinale* var. rubrum Theilade and their antibacterial activities*Prof Madya Wong Keng Chong, Abdul Hamid, Yasodha Sivasothy, Ibrahim M. Eldeen, Khalijah Awang*

FOOD CHEMISTRY

3.458

Prof Madya Shatriah Bt. Ismail

Pusat Pengajian Sains Perubatan

Central corneal thickness and intraocular pressure in Malay children

*Profesor Syed Hatim Bin Noor, Prof Madya Wan Hazabbah Bin Wan Hitam, Fatemeh Heidary, Reza Gharebaghi, Wan Arfah**Nadiah*

PLOS ONE

4.411

Prof Madya Srimala A/P Sreekantan

Pusat Pengajian Kejuruteraan Bahan Dan Sumber Mineral

Extremely Fast Growth Rate of TiO₂ Nanotube Arrays in Electrochemical Bath Containing H₂O₂

Prof Madya Zainovia Binti Lockman, Lai Chin Wei

JOURNAL OF THE ELECTROCHEMICAL SOCIETY

2.427

Profesor Suresh Narayanan

Pusat Pengajian Sains Kemasyarakatan

The transition to harm reduction: Understanding the role of non-governmental organisations in Malaysia

Prof Madya Vicknasingam Balasingam Kasinather, Noorzurani Md. Haris Robson

INTERNATIONAL JOURNAL OF DRUG POLICY

2.424

Dr Syafalni

Pusat Pengajian Kejuruteraan Awam

Verification of Surface-Groundwater Connectivity in an Irrigation Canal Using Geophysical, Water Balance and Stable Isotope Approaches

Profesor Ismail Bin Abustan, Mohd Ariff Ahmad Nazri, Najihah Dor, Lakam Mejus, Mohd Tadza Abdul Rahman, Roslanzairi Bin Mostafa

WATER RESOURCES MANAGEMENT

2.201

Profesor Syed Azhar Bin Syed Sulaiman

Pusat Pengajian Sains Farmasi

Outcomes of Tuberculosis treatment: A retrospective cohort analysis of smoking versus non-smoking patients in Penang, Malaysia

Ahmed Awaisu, Ali Qais Blebil, Juman Abdulelah Dujaili, Abdul Razak Muttalif

JOURNAL OF PUBLIC HEALTH

1.878

Dr T. P. Kannan

Pusat Pengajian Sains Pergigian

Microsatellite instability and loss of heterozygosity in oral squamous cell carcinoma in Malaysian population

BP Hoh, MJ Julia Ashazila, RN Venkatesh

ORAL ONCOLOGY

2.871

Dr Tajul Ariffin Bin Masron

Pusat Pengajian Pengurusan

The Effect of Tourism Agglomeration on Foreign Real Estate Investment: Evidence from OECD Countries

Hassan Gholipour Fereidouni

INTERNATIONAL JOURNAL OF STRATEGIC PROPERTY MANAGEMENT

2.615

Dr Tan Jun Jie

Institut Perubatan Dan Pergigian Termaju

Cardiosphere-Derived Cells Improve Function in the Infarcted Rat Heart for at Least 16 Weeks – an MRI Study

Dr Tan Suat Cheng, Alessandro Giacomello, Carolyn Carr, Daniel Stuckey, Elisa Messina, Georgina M. Ellison, Kieran Clarke, Patrizia Camelliti, Renata Gomes

PLOS ONE

4.411

Prof Madya Tang Thean Hock

Institut Perubatan Dan Pergigian Termaju

The rocks and shallows of deep RNA sequencing: Examples in the *Vibrio cholerae* RNome

Hoe Chee Hock, Brosius J, Raabe Ca, Randau G, Rozhdestvensky Ts

RNA

6.051

Dr Teguh Haryo Sasongko

Pusat Pengajian Sains Perubatan

Angiotensin-converting enzyme (ACE) inhibitors for proteinuria and microalbuminuria in people with sickle cell disease (Protocol)

Samir K Ballas, Srikanth Nagalla

COCHRANE DATABASE OF SYSTEMATIC REVIEWS

6.186

Dr Teh Su Yean

Pusat Pengajian Sains Matematik

Spatial pattern formation of coastal vegetation in response to external gradients and positive feedbacks affecting soil porewater salinity: A model study

Profesor Koh Hock Lye, Donald L. Deangelis, Jiang Jiang, Thomas J. Smith iii

LANDSCAPE ECOLOGY

3.200

Profesor Teng Chong Siew @ Teng Tjoon Tow

Pusat Pengajian Teknologi Industri

Selection of design parameters and optimization of operating parameters of soybean oil-based bulk liquid membrane for Cu(II) removal and recovery from aqueous solutions

Prof Madya Abbas Fadhl Mubarek Al-Karkhi, Dr Norli Binti Ismail, Chang Siu Hua

JOURNAL OF HAZARDOUS MATERIALS

3.723

Cu(II) transport through soybean oil-based bulk liquid membrane: Kinetic study

Dr Norli Binti Ismail, Chang Siu Hua

CHEMICAL ENGINEERING JOURNAL

3.074

Dr Vel Murugan A/L Vadivelu

Pusat Pengajian Kejuruteraan Kimia

Adsorptive removal of Methylene Blue using novel adsorbent from palm oil mill effluent waste activated sludge: Equilibrium, thermodynamics and kinetic studies

Prof Madya Mashitah Bt Mat Don, Gobi Kanadasan

CHEMICAL ENGINEERING JOURNAL

3.074

Development and utilization of aerobic granules for the palm oil mill (POM) wastewater treatment

Prof Madya Mashitah Bt Mat Don, Gobi Kanadasan

CHEMICAL ENGINEERING JOURNAL

3.074

The role of nitrite and free nitrous acid (FNA) in wastewater treatment plants

Adrian Oehmen, Melvin Lim, Wun Jern Ng, Yan Zhou

WATER RESEARCH

4.546

Profesor Wan Rosli Bin Wan Daud

Pusat Pengajian Teknologi Industri

Oil palm fibers as papermaking material: Potentials and challenges

K.N. Law

BIORESOURCES

1.418

Cellulose Phosphate from Oil Palm Biomass as Potential Biomaterials

Dr Md Azman Bin Pkm Seenii Mohamed, Mohamad Haafiz Bin Mohamad Kassim

BIORESOURCES

1.418

Dr Wong Wai Peng

Pusat Pengajian Pengurusan

Budget Allocation for Effective Data Collection in Predicting an Accurate DEA Efficiency Score

L.H. Lee, W. Jaruphongs

IEEE TRANSACTIONS ON AUTOMATIC CONTROL

1.952

Dr Yam Fong Kwong

Pusat Pengajian Sains Fizik

The effects of morphological changes on the vibrational properties of self-organized TiO₂ nanotubes

Profesor Zainuriah Binti Hassan, Beh Khi Poay, Ng Siow Woon

THIN SOLID FILMS

1.935

Dr Zahiruddin Bin Othman

Pusat Pengajian Sains Perubatan

Improvement in immediate memory after 16 weeks of tualang honey (Agro Mas) supplement in healthy postmenopausal women

Dr Nazlahshaniza Binti Shafin, Prof Madya Nik Hazlina Binti Nik Hussain, Prof Madya Rahimah Bt. Zakaria, Prof Madya Wan Mohd Zahiruddin Bin Wan Mohammad

MENOPAUSE

3.318

Profesor Zainal Arifin Bin Ahmad

Pusat Pengajian Kejuruteraan Bahan Dan Sumber Mineral

Effect of MgO particle size on the microstructure, mechanical properties and wear performance of ZTA-MgO ceramic cutting inserts

Prof Madya Hasmaliza Bt Mohamad, Profesor Mani Maran A/L Ratnam, Ahmad Zahirani Ahmad Azhar

INTERNATIONAL JOURNAL OF REFRACTORY METALS & HARD MATERIALS

1.410

An investigation of dielectric resonator antenna produced from silicon (100) enhanced by strontium doped-barium zirconate films, Jour of Sol-Gel Science and Technology

Prof Madya Mohd Fadzil Bin Ain, Mohamadariff Othman, Nik Akmar Rejab, Wan Fahmin Faiz Wan Ali

JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY

1.525

Effects of Cr₂O₃ addition on the mechanical properties, microstructure and wear performance of zirconia-toughened-alumina (ZTA) cutting inserts

Prof Madya Hasmaliza Bt Mohamad, Profesor Mani Maran A/L Ratnam, Lee Chun Choong, Ahmad Zahirani Ahmad Azhar

JOURNAL OF ALLOYS AND COMPOUNDS

2.138

Profesor Zainal Arifin Bin Mohd Ishak

Pusat Pengajian Kejuruteraan Bahan Dan Sumber Mineral

The biocompatibility and hydrophilicity evaluation of collagen grafted poly(dimethylsiloxane) and poly(2-hydroxyethylmethacrylate) blends

Sayed Mahmood Rezaei

POLYMER TESTING

2.016

Prof Madya Zainovia Binti Lockman

Pusat Pengajian Kejuruteraan Bahan Dan Sumber Mineral

Oxidation of etched Zn foil for the formation of ZnO nanostructure

Profesor Kamarulazizi Bin Ibrahim, Prof Madya Khairunisak Binti Abdul Razak, Tan Wai Kian

JOURNAL OF ALLOYS AND COMPOUNDS

2.138

Profesor Zainuriah Binti Hassan

Pusat Pengajian Sains Fizik

High-quality vertically aligned ZnO nanorods synthesized by microwave-assisted CBD with ZnO-PVA complex seed layer on Si substrates

Profesor Haslan Bin Abu Hassan, Jalal Jabbar Hassan

JOURNAL OF ALLOYS AND COMPOUNDS

2.138

Porous GaN on Si(1 1 1) and its application to hydrogen gas sensor

Dr Khalid Mutashar Omar, Asmiet Ramizy Abd-Alghafour

SENSORS AND ACTUATORS B-CHEMICAL

3.370

ZnO nanocoral reef grown on porous silicon substrates without catalyst

Dr Yam Fong Kwong, Hind I Abdulgafour, K. Al-Heuseen, M. J. Jawad

JOURNAL OF ALLOYS AND COMPOUNDS

2.138

The growth of heavily Mg-doped GaN thin film on Si substrate by molecular beam epitaxy

Encik Mohd Anas Bin Ahmad, Cik Siti Khadijah Binti Mohd Bakhor, Dr Yam Fong Kwong, Encik Yushamdan Bin Yusof, Beh Khi

Poay, Chin Che Woei

THIN SOLID FILMS

1.935

Structural and optical properties of nanocrystalline CdS thin films prepared using microwave-assisted chemical bath deposition

Dr Ng Sha Shiong, Cik Siti Khadijah Binti Mohd Bakhor, Jalal Jabbar Hassan, Mazin A Mahdi

THIN SOLID FILMS

1.935

Profesor Zarita Binti Zainuddin

Pusat Pengajian Sains Matematik

Wavelet neural networks applied to pulping of oil palm fronds

Profesor Wan Rosli Bin Wan Daud, Amran Shafie, Ong Pauline

BIORESOURCE TECHNOLOGY

4.365

Profesor Zilfalil Bin Alwi

Pusat Pengajian Sains Perubatan

Population Genetic Structure of Peninsular Malaysia Malay Sub-Ethnic Groups

Mohd Khairi Zahri, Nur Shafawati Ab Rajab, Wan Nur Hatin Wan Isa, Li Jin, Mohammed Rizman Idid, Tan Soon Guan, The

Hugo Pan-Asian Snp Consortium, Xu Shuhua

PLOS ONE

4.411

Contribution of 6p24 to Non-Syndromic Cleft Lip and Palate in a Malay Population: Association of Variants in OFC1

Profesor Ahmad Sukari Bin Halim, Dr Wan Azman Bin Wan Sulaiman, Iman Salahshourifar

JOURNAL OF DENTAL RESEARCH

3.773

Prof Madya Zuhailawati Binti Hussain

Pusat Pengajian Kejuruteraan Bahan Dan Sumber Mineral

Effect of Mg, Si and Cu content on the microstructure of dilute 6000 series aluminium alloys

Aiza Jaafar, Azmi Rahmat, Ismail Zainol

JOURNAL OF ALLOYS AND COMPOUNDS

2.138



ANUGERAH
SANGGAR SANJUNG
KATEGORI PENERBITAN BUKU



Profesor Norazmi Bin Mohd Nor

Pusat Pengajian Sains Kesihatan

The Art & Science of Tuberculosis Vaccine Development

Armando Acosta, Maria Elena Sarmiento, 57 Other Authors

Antarabangsa

Ministry of Public Health, Cuba

Oxford University Press, Penerbit USM dan Finlay Instituto

ISBN: 978983450886



ANUGERAH
SANGGAR SANJUNG
KATEGORI KREATIVITI



Prof Madya Dr Azizi Bin Bahauddin

Pusat Pengajian Perumahan Bangunan Dan Perancangan

THE BEST BOOTH AWARD PECIPTA 2011

KEMENTERIAN PENGAJIAN TINGGI & UNIVERSITI TEKNOLOGI MARA

Prof Madya Aldrin Bin Abdullah

14 September 2011

Antarabangsa

BEST BOOTH DESIGN (55 sq.m. and above)

ITEX 2011

MALAYSIAN INVENTIONS AND DESIGN SOCIETY (MINDS)

Prof Madya Aldrin Bin Abdullah

21 May 2011

Antarabangsa

MOST INNOVATIVE BOOTH

MTE 2011

MALAYSIAN ASSOCIATION OF RESEARCH SCIENTISTS (MARS)

Prof Madya Aldrin Bin Abdullah

18 February 2011

Kebangsaan

Encik Shamsu Bin Mohamad

Pusat Pengajian Seni

The Most Special Prize

Korea Local Industrial Culture Association Chairman

16 February 2011

Antarabangsa



ANUGERAH
SANGGAR SANJUNG
KATEGORI KUALITI



I-AMIN

Pusat Pengajian Sains Kesihatan

Anugerah Emas 3 Bintang

Perbadanan Produktiviti Malaysia (MPC)

20 October 2011

Kebangsaan

LESTARI

Pusat Pengajian Sains Kesihatan

Anugerah Emas 3 Bintang

Perbadanan Produktiviti Malaysia (MPC)

20 October 2011

Kebangsaan

QCR

Hospital Universiti Sains Malaysia

Anugerah Emas 3 Bintang

Perbadanan Produktiviti Malaysia (MPC)

20 October 2011

Kebangsaan

INFINITY REHAB

Hospital Universiti Sains Malaysia

Anugerah Emas 3 Bintang

Perbadanan Produktiviti Malaysia (MPC)

20 October 2011

Kebangsaan

REHAB CHARGER

Hospital Universiti Sains Malaysia

EXCELLENT AWARD

INTERNATIONAL CONVENTION ON QC CIRCLES 2011

14 September 2011

Antarabangsa



ANUGERAH
SANGGAR SANJUNG
KATEGORI GERAN PENYELIDIKAN
ANTARABANGSA



Prof Madya Lee Lay Wah

Pusat Pengajian Ilmu Pendidikan

Non-word blending and segmenting in English-Malay bilingual readers: Impacts on multisensory phonological processing using iPad and sound cards

Low Hui Min

The International Dyslexia Association

1 November 2011

Dr Lau Tze Liang

Pusat Pengajian Kejuruteraan Awam

Investigation of Dynamic Characteristics of Ground Motion Using Microtremor Observations

Prof Madya Taksiah Binti A. Majid, Hitoshi Morikawa

JICA AUN/SEED-Net

18 November 2011

Profesor K Sudesh Kumar A/L C Kanapathi Pillai

Pusat Pengajian Sains Kajihayat

The development of the bioplastics production technology from old oil palm trunks

Japan International Research Center for Agricultural Sciences

29 August 2011

Profesor Lee Chow Yang

Pusat Pengajian Sains Kajihayat

Sustainable Management Approaches against Urban Insect Pests

Bayer CropScience

14 January 2011

Chlorantraniliprole-mediated disruption of social grooming and trophallaxis activity in termites

DuPont Professional Products

23 May 2011

Profesor Othman Bin Sulaiman

Pusat Pengajian Teknologi Industri

The elucidation of the sugar accumulation mechanism during storage

Prof Madya Rokiah Binti Hashim, Takamitsu Arai

Japan International Research Center for Agricultural Sciences

13 September 2011

Dr Andrew Meulenberg Jr

Pusat Ipv6 Termaju Negara (Nav6)

Study on Nature of Light and Sources of Alternative Energy

SCIENCE FOR HUMANITY TRUST

15 November 2011

Prof Madya Vicknasingam Balasingam Kasinather

Pusat Penyelidikan Dادah Dan Ubat-Ubatan

Production and Publication of Southeast Asian Drug Law and Policy Reforms

Open Society Institute

1 April 2011

A Study of Issues Related to Buprenorphine Treatment in Malaysia

Reckitt Benckiser Pharmaceuticals

28 November 2011



ANUGERAH
SANGGAR SANJUNG
KATEGORI PATEN



Profesor Ahmad Sukari Bin Halim

Pusat Pengajian Sains Perubatan

A Method For Producing Skin Regenerating Template

Ahmad Fuad Yahya, Ismail Zainol, Kamaruddin Hashim, Mohd Shalihuddin Wan Mohamed, Suhaida Mat Ghani, Zanariah Ujang
Malaysia
15 December 2011

Wound Dressing Paste

Ahmad Hazri Abd Rashid, Norimah Yusof
Malaysia
30 December 2011

Profesor Rahmah Bt. Noordin

Institut Penyelidikan Perubatan Molekul

Method for rapid detection of lymphatic filariasis

Malaysia
15 December 2011

Profesor Sureswaran Ramadass

Pusat Ipv6 Termaju Negara (Nav6)

A System and a Method for Detecting Computer Worms in a Computer Network Using Memory Efficient Circular Buffer

Dr Ahmed Mansour Mohammed Manasrah
Malaysia
1 January 2011

A Monitoring and Surveillance System for a Computer Network

Dr Ahmed Mansour Mohammed Manasrah
Malaysia
1 January 2011

Profesor K Sudesh Kumar A/L C Kanapathi Pillai

Pusat Pengajian Sains Kajihayat

Palm Oil Based Biodegradable Copolymers

Malaysia
15 August 2011

Prof Madya Rokiah Binti Hashim

Pusat Pengajian Teknologi Industri

Mabufacturing of fire retardant fibreboards

Lim Sze How, Ramamurti Nanda Kumar
Malaysia
30 June 2011

Dr Mohd Salman Bin Abu Mansor

Pusat Pengajian Kejuruteraan Mekanik

Throttle and Brake Lock

Abu Bakar Bin Baharum, Bok Aun Yong, Khairul Radzi Bin Aliasak, Tai Lee Zhen, Ahmad Yusoff Bin Hassan
Malaysia
10 August 2011



HADIAH SANJUNGAN
KATEGORI PENERBITAN JURNAL



Hospital Universiti Sains Malaysia

Puan Zalina Bt Zahari

Influence of DRD2 polymorphisms on the clinical outcomes of patients with schizophrenia

Profesor Mohd Razali B Salleh, Profesor Rusli Bin Ismail, Lay Kek Teh Psychiatric Genetics

2.061

A Nested Allele-Specific Multiplex Polymerase Chain Reaction Method for the Detection of DRD2 Polymorphisms

Profesor Mohd Razali B Salleh, Cik Nur Fadhlina Binti Musa, Profesor Rusli Bin Ismail, Mohd Khairi Zahri @ Johari Malaysian Journal Of Medical Sciences Khas

Institut Penyelidikan Perubatan Molekul

Dr Choong Yee Siew

Effects of enoyl-acyl protein carrier reductase mutations on physiochemical interactions with isoniazid:

Molecular dynamics simulation

Profesor Habibah Binti A Wahab

International Journal Of Electrochemical Science

2.808

Structural and functional studies of a 50 kDa antigenic protein from *Salmonella enterica* serovar Typhi

Profesor Asma Binti Ismail, Dr Aziah Binti Ismail, Dr Chew Ai Lan, Dr Lim Theam Soon

Journal Of Molecular Graphics And Modelling

2.038

Prof Madya Gurjeet Kaur A/P Chatar Singh

Association between HER-2/neu status and clinicopathological characteristics of breast cancer.

Ammar Imad Hazim

Healthmed

0.331

HER-2/neu protein expression and gene amplification in breast cancer: Immunohistochemistry and chromogenic in situ hybridization study using tissue microarray.

Ammar Imad Hazim

Healthmed

0.331

Dr Lim Theam Soon

Diversity visualization by endonuclease: A rapid assay to monitor diverse nucleotide libraries.

Hans Lehrach, Jörn Glöckler, Tatjana Schütze, Zoltán Konthur

Analytical Biochemistry

3.236

Dr Ong Ming Thong

Anti-Candida albicans activity and brine shrimp lethality test of *Hevea brasiliensis* latex B-serum

J.T. Priscilla, K.M.A. Daruliza, Lam Kit Lay, Yang Kok Lee, E. Sunderasan

European Review For Medical And Pharmacological Sciences

0.922

Anti-fungal effect of *Hevea brasiliensis* latex C-serum on *Aspergillus niger*

J.T. Priscilla, K.L. Lam, K.L. Yang, K.M.A. Daruliza, E. Sunderasan

European Review For Medical And Pharmacological Sciences

0.922

Profesor Rahmah Bt. Noordin

Analysis of *Entamoeba histolytica* excretory-secretory antigen (ESA) and identification of a new potential diagnostic marker

Dr Lim Boon Huat, Prof Madya Zeehaida Mohamed, Nurulhasanah Othman, Tan Zi Ning, Alfonso Olivos Garcia, Wong Weng Kin

Clinical And Vaccine Immunology

2.471

Toxoplasma gondii excretory secretory antigenic proteins of diagnostic potential

*Prof Madya Zeehaida Mohamed, Emelia Osman, Geita Saadatnia, Zohreh Kazemi Moghadam, Fatemeh Ghaffarifar
Apmis-Acta Pathologica Microbiologica Et Immunologica Scandinavica
1.944*

A Pentaplex Real-Time Polymerase Chain Reaction Assay for Detection of Four Species of Soil-Transmitted Helminths

*Puan Maimunah Binti Ahmad, Puan Noorizan Binti Miswan, Anizah Rahumatullah, Farhanah Abdul Aziz, Madihah Basuni,
Nurul Shazalina Zainudin, Nurulhasanah Othman, Jaco J. Verweij, Jamail Muhi
American Journal Of Tropical Medicine And Hygiene
2.446*

Association of CTLA4 gene polymorphisms with lymphatic filariasis in an East Malaysian population

*Puan Noorizan Binti Miswan, Jamail Muhi, Ju "Rgen F.J. Kun, Tajul Ariffin Awang Mohd, Zulkarnain Md Idris
Human Immunology
2.872*

A Toxoplasma gondii 10 kDa in vitro excretory secretory antigen reactive with human IgM and IgA antibodies

*Akbar Khalilpour, Atefeh Amerizadeh, Fatemeh Ghaffarifar, Geita Saadatnia
Tropical Biomedicine
0.581*

Dr Sasidharan A/L Sreenivasan

Cytotoxicity and Oral Acute Toxicity Studies of Lantana camara Leaf Extract
*Badakhshan Mahdi Pour, Lachimanan Yoga Latha
Molecules
1.988*

Antihyperglycaemic effects of ethanol extracts of Carica papaya and Pandanus amaryfollius leaf in streptozotocin-induced diabetic mice

*Lachimanan Yoga Latha, Naidu Rameshwar Jegathambigai, Vello Sumathi
Natural Product Research
0.906*

In vitro and in situ antiyeast activity of Gracilaria changii methanol extract against Candida albicans

*Profesor Darah Binti Ibrahim, Profesor Mohd Jain Noordin Bin Mohd Kassim
European Review For Medical And Pharmacological Sciences
0.922*

Anti-Candida albicans biofilm activity by Cassia spectabilis standardized methanol extract: An ultrastructural study

*Angeline Torey
European Review For Medical And Pharmacological Sciences
0.922*

Extraction, Isolation and Characterization of Bioactive Compounds from Plants' Extracts

*D. Saravanan, Lachimanan Yoga Latha, K.M. Sundram, Y. Chen
African Journal Of Traditional, Complementary And Alternative Medicines
0.457*

Hepatoprotective Potential of Clitoria ternatea Leaf Extract Against Paracetamol Induced Damage in Mice

*Murugesan Shyamala, Lachimanan Yoga Latha, Subramanian L. Jothy, Kuppan Nithianantham, Yeng Chen
Molecules
1.988*

Prof Madya Phua Kia Kien

Toll-like receptor 4 Asp299Gly and Thr399Ile polymorphisms and typhoid susceptibility in Asian Malay population in Malaysia.
*Cik Amy Amilda Anthony, Profesor Asma Binti Ismail, Profesor Prabha Balaram, Saatheeeyavaane Bhuvanendran, Hani M. Hussin, Lauranell H. Burch, Leilei Zhang, Lila P. Meran
Microbes And Infection
2.726*

Institut Perubatan Dan Pergigian Termaju

Dr Aman Shah Bin Abdul Majid

Evidence for Neuroprotective Effect of Sulbutiamine against Oxygen-Glucose Deprivation in Rat Hippocampal CA1 Pyramidal Neurons

Jeehyun Kwag, Kui Dong Kang

Biological And Pharmaceutical Bulletin

1.811

Dr Md Azman Bin PKM Seenii Mohamed

Hypertension is Positively Associated with Prostate Cancer Development in the TRAP Transgenic Rat Model

Kentaro Takeshita, Makoto Asamoto, Mingxi Tang, Satoru Takahashi, Tomoyuki Shirai

Pathology International

1.481

Synthetic Hydrazone Derivative Acts As An Apoptotic Inducer in Chemopreventive Activity on Tongue Cancer Cell Line

Dr Abdussalam Salhin Mohamed Ali, Profesor Bahrudin Bin Saad, Cik Nur Ayunie Binti Zulkepli, Karen Voon Kai Rou, Wan Nur Hidayati Wan Sulaiman

Asian Pacific Journal Of Cancer Prevention: APJCP

1.240

Profesor Rabindarjeet Singh A/L Kabal Singh

Non-uniform decay in jumping exercise-induced bone gains following 12 and 24 weeks of cessation of exercise in rats

Dr Ooi Foong Kiew, Harbindar Jeet Singh, Seigo Nagasawa, Yoshihisa Umemura

Journal Of Physiological Sciences

1.356

Self-generated coping strategies among Muslim athletes during Ramadan fasting

Abdul Rashid Aziz, Chai Wen Jin, Jolly Roy, Ooi Cheong Hwa

Journal Of Sports Science And Medicine

0.676

Dr Tan Mei Lan

Andrographolide and 14-Deoxy-11, 12-Didehydroandrographolide inhibit cytochrome P450s in HepG2 hepatoma cells

Prof Madya Shaida Fariza Binti Sulaiman, Ooi Jer Ping, Masanori Kuroyanagi, Tengku Sifzizul Tengku Muhammad

Life Sciences

2.451

Mitragynine inhibits the COX-2 mRNA expression and prostaglandin E2 production induced by lipopolysaccharide in RAW264.7 macrophage cells

Profesor Dato' Mohamed Isa Bin Abd Majid, Mohd Fadzly Amar Jamil, Zulkhurnain Utar, Mohd Ilham Adenan

Journal Of Ethnopharmacology

2.466

Prof Madya Tang Thean Hock

MICAP-a novel system for identification and communication of dental problems

Profesor Abdel-Hamid Zaki Abdel-Hamid Amer, Dr Ashfaq Akram, Puan Jamilah Binti Razak

International Dental Journal

0.743

Pelantar Kejuruteraan Dan Teknologi

Encik Mohd Zharif Bin Ahmad Thirmizir

Mechanical, Water Absorption and Dimensional Stability Studies of Kenaf Bast Fibre-Filled Poly(butylene succinate) Composites

Prof Madya Razaina Binti Mat Taib, Profesor Zainal Arifin Bin Mohd Ishak, Dr. Rahim Sudin, Y. W. Leong

Polymer-Plastics Technology And Engineering

0.557

Natural Weathering of Kenaf Bast Fibre-Filled Poly(Butylene Succinate) Composites: Effect of Fibre Loading and Compatibiliser Addition

Prof Madya Razaina Binti Mat Taib, Profesor Zainal Arifin Bin Mohd Ishak, Dr. Rahim Sudin, Encik Mohd Jani Saad
Journal Of Polymers And The Environment

1.507

Pusat IPv6 Termaju Negara (NAv6)

Dr Andrew Meulenberg Jr

The LEO Archipelago: A System of Earth-Rings for Communications, Mass-Transport to Space, Solar Power, and Control of Global Warming

Karthik Balaji P.S
Acta Astronautica
0.612

Pusat Kawalan Doping

Profesor Aishah Binti Abdul Latiff

Nuts Consumption Pattern Among Malaysian Adults: A Socio-demographic and Dietary Behavior Perspective

Prof Madya Narazah Binti Mohd Yusoff, Dr Nurulain Binti Abdullah Bayanuddin, Dr. Noryati Ismail, International Food Nurul Izzah Ahmad, Leong Yin Hui
Research Journal
Khas

Pusat Pengajian Ilmu Kemanusiaan

Dr Goh Sang Seong

Penterjemahan Kata Kerja Bahasa Cina-Bahasa Melayu: Satu Analisis Ketepatan Makna Padanan
Gema: Online Journal Of Language Studies
Khas

Prof Madya Datin Mahani Binti Awang @ Musa

The Socioeconomic History of the Orang Kanaq of Johor
Kajian Malaysia
Khas

Profesor Morshidi Bin Sirat

Trade in Services and Its Policy Implications: The Case of Cross-Border/Transnational Higher Education in Malaysia
Abdul Razak Ahmad, Khoo Yew Lie
Journal Of Studies In International Education
0.739

Dr Mohamad Rashidi Bin Mohd Pakri

An Imperial or a Personal Legacy? The Rivalry of W.E. Maxwell and F.A. Swettenham in British Malaya
JOURNAL OF THE MALAYSIAN BRANCH OF THE ROYAL ASIATIC SOCIETY
Khas

Profesor Dato' Abu Talib Bin Ahmad

The Tun Abdul Razak Memorial and the Promotion of a National Memory in Malaysia
JOURNAL OF THE MALAYSIAN BRANCH OF THE ROYAL ASIATIC SOCIETY
Khas

Pusat Pengajian Ilmu Pendidikan

Dr Mageswary A/P Karpudewan

Promoting pro-environmental attitudes and reported behaviors of Malaysian pre-service teachers using green chemistry experiments

Profesor Zurida Binti Ismail, Wolff Michael Roth
Environmental Education Research
0.679

Prof Madya Muhammad Kamarul Kabilan Bin Abdullah

Online collaboration of English language teachers for meaningful professional development experiences
Mohamed Amin Embi, Wan Fara Wan Adlina
English Teaching-Practice And Critique
0.167

Dr Salmiza Binti Saleh

The effectiveness of Brain-Based Teaching Approach in dealing with the problems of students' conceptual understanding and learning motivation towards physics
Educational Studies
0.721

Prof Madya Tan Kok Eng

Talking Mathematics in English
Dr Chew Cheng Meng, Profesor Lim Chap Sam
Asia-Pacific Education Researcher
0.632

Pusat Pengajian Kejuruteraan Awam

Profesor Hamidi Bin Abdul Aziz @ Abdul Rahman

Assessing the chlorine disinfection of landfill leachate and optimization by response surface methodology (RSM)
Prof Madya Mohd Suffian Bin Yusoff, Muhammad Umar
Desalination
1.851

Leachate treatment by swim-bed bio fringe technology

Dr Abu Ahmed Mokammel Haque, Profesor Ir Dr Mohd Nordin Bin Adlan, Muhammad Umar, Tan Jyy Ling
Desalination
1.851

Appraisal of domestic solid waste generation, components, and the feasibility of recycling in Erbil, Iraq

Prof Madya Mohd Suffian Bin Yusoff, Mohammed Jk Bashir, Shuokr Qarani Aziz
Waste Management And Research
1.222

Powdered activated carbon augmented double react-settle sequencing batch reactor process for treatment of landfill leachate

Prof Madya Mohd Suffian Bin Yusoff, Shuokr Qarani Aziz
Desalination
1.851

Orthophosphate removal from domestic wastewater using limestone and granular activated carbon

Muhammad Umar, Sabir Hussain, Anees Ahmad, John Van Leeuwen, Linda Zou, Mohamed Hasnain Isa, Simon Beecham
Desalination
1.851

Response surface analysis and modeling of n-alkanes removal through bioremediation of weathered crude oil

Leila Mohajeri, Mohammad Ali Zahed, Soraya Mohajeri, Mohamed Hasnain Isa, Shamsul Rahman Mohamed Kutty
Water Science And Technology
1.056

Multiple responses analysis and modeling of Fenton process for treatment of high strength landfill leachate

Profesor Ir Dr Mohd Nordin Bin Adlan, Leila Mohajeri, Mohammed Ali Zahed, Mohammed J. K. Bashir, Shuokr Qarani Aziz, Soraya Mohajeri, Mohamed Hasnain Isa
Water Science And Technology
1.056

Effects of municipal wastewater on accumulation of heavy metals in soil and wheat (*triticum aestivum l.*) with two irrigation methods

Amin Mojiri
Romanian Agricultural Research
0.485

Optimum Process Parameters for the Treatment of Landfill Leachate using Powdered Activated Carbon

Augmented Sequencing Batch Reactor (SBR) Technology

Prof Madya Mohd Suffian Bin Yusoff, Shuokr Qarani Aziz

Separation Science And Technology

1.015

Dr Irvan Dahlan

Waste-Derived Siliceous Materials as a Novel Sorbent for Removal of Ni²⁺ from Aqueous Solutions

Mohd Hafiz Mohd Razali

Water Air And Soil Pollution

1.765

Profesor Ismail Bin Abustan

Transitional Expanding Hydraulic Jump

Esmaeil Kordi

Journal of Hydraulic Engineering-Asce

1.227

Estimating the Overbank Flow Discharge using Slope-Area Method

Esmaeil Kordi

Journal of Hydrologic Engineering

0.787

Profesor Ir Md Azlin Bin Md Said

Numerical modeling on inlet aperture effects on flow pattern in primary settling tanks

Prof Madya Rozi Bin Abdullah, Dr Syafalni, Fatemeh Rostami, Mahdi Shahrokhi

Applied Mathematical Modelling

1.371

Profesor Meor Othman Bin Hamzah

Selection of reclaimed asphalt pavement sources and contents for asphalt mix production based on asphalt binder rheological properties, fuel requirements and greenhouse gas emissions

Ali Jamshidi, Zulkurnain Shahadan

Journal Of Cleaner Production

2.430

Profesor Ir Mohd Nordin Bin Adlan

Optimization of coagulation and dissolved air flotation (DAF) treatment of semi-aerobic landfill leachate using response surface methodology (RSM)

Profesor Hamidi Bin Abdul Aziz @ Abdul Rahman, Puganeshwary Palaniandy

Desalination

1.851

Prof Madya Mohd Suffian Bin Yusoff

Optimization of durian peel based activated carbon preparation conditions for ammoniacal nitrogen removal from semi-aerobic landfill leachate

Dr Mohd Azmier Bin Ahmad, Mohamad Anuar Bin Kamaruddin

Journal Of Scientific And Industrial Research

0.514

Influence of impregnation ratio on coffee ground activated carbon as landfill leachate adsorbent for removal of total iron and orthophosphate

Profesor Hamidi Bin Abdul Aziz @ Abdul Rahman, Sim Lan Ching, Muhammad Umar

Desalination

1.851

Solid waste generation and decomposition using compost bin technique in Pulau Pinang, Malaysia

Christopher Oluwakunmi Akinbile

Waste Management And Research

1.222

Dr Norazura Binti Muhamad Bunnori

The use of acoustic emission for the early detection of cracking in concrete structures

Karen M. Holford, Robert J. Lark

Magazine Of Concrete Research

0.520

Pusat Pengajian Kejuruteraan Bahan Dan Sumber Mineral

Profesor Ahmad Fauzi Bin Mohd Noor

Effect of welding speed on mechanical strength of friction welded joint of YSZ–alumina composite and 6061 aluminum alloy

Prof Madya Ahmad Badri Bin Ismail, Prof Madya Zuhailawati Binti Hussain, Uday M. Basheer

Materials Science & Engineering A-Structural Materials Properties Microstructure And Processing

2.101

Prof Madya Azhar Bin Abu Bakar

Porous epoxy microparticles prepared by an advanced aqueous method

Prof Madya Baharin Bin Azahari, Prof Madya Zulkifli Bin Mohamad Ariff, Du Ngoc Uy Lan, Y Chujo

Materials Letters

2.120

Advanced hollow epoxy particle-filled composites

Low Lay Foon

Journal Of Composite Materials

0.971

Preparation, Characterization, and Improvement of Hollow Epoxy Particle-Toughened Vinyl Ester Composites for High-End Applications

Low Lay Foon

Journal Of Applied Polymer Science

1.240

Prof Madya Azlan Bin Ariffin

Review: Single Screw Extruder in Particulate Filler Composite

Mohd Sharulhafiz Bin Basir Ahmad

Polymer-Plastics Technology And Engineering

0.557

Evaluation on Extrudate Swell and Melt Fracture of Polypropylene/Kaolin Composites at High Shear Stress

Prof Madya Zulkifli Bin Mohamad Ariff, Suzi Salwah Binti Jikan

Journal Of Reinforced Plastics And Composites

0.823

Prof Madya Azura Binti A.Rashid

Effect of different types of filler and filler loadings on the properties of carboxylated acrylonitrile–butadiene rubber latex films

Nurul Ain Zulkifi

Journal Of Applied Polymer Science

1.240

Prof Madya Ir Cheong Kuan Yew

Deposition and Post-Deposition Annealing of Thin Y_2O_3 Film on n-type Si in Argon Ambient

Quah Hock Jin

Materials Chemistry And Physics

2.356

Band Alignment and Enhanced Breakdown Field of Simultaneously Oxidized and Nitrided Zr Film on Si

Wong Yew Hoong

Nanoscale Research Letters

2.560

Effect of Sputtering Time on Physical and Electrical Properties of ZrOx on Si Substrate

Prof Madya Zainovia Binti Lockman, Tedi Kurnaiwan

Microelectronics International

0.468

Design and synthesis of mesoporous ZrO_2 thin films using surfactant Pluronic P123 via sol-gel technique

Profesor Ahmad Fauzi Bin Mohd Noor, Prof Madya Zainovia Binti Lockman, Soo Mun Teng, A. Matsuda, G. Kawamura, H. Muto

Journal Of The Ceramic Society Of Japan

0.795

Effects of Post-deposition Annealing Temperature and Ambient on RF Magnetron Sputtered Sm_2O_3 Gate on n-type Silicon Substrate

Chin W.C.

Journal Of Materials Science-Materials In Electronics
0.927

Effect of Process Parameters on Size, Shape and Distribution of Sb_2O_3 Nanoparticles

Prof Madya Khairunisak Binti Abdul Razak, H.S. Chin

Journal Of Materials Science
1.859

Effect of post-deposition annealing temperature on CeO_2 thin film deposited on silicon substrate via RF magnetron sputtering technique

Prof Madya Zainovia Binti Lockman, Profesor Zainuriah Binti Hassan, S.K. Chuah

Materials Science In Semiconductor Processing
0.650

Comparison of metal-organic decomposed (MOD) cerium oxide (CeO_2) gate deposited on GaN and SiC substrates

Prof Madya Zainovia Binti Lockman, Profesor Zainuriah Binti Hassan, Lim Way Foong, Quah Hock Jin

Journal Of Crystal Growth
1.746

Effects of Post-Oxidation-Annealing Temperature on ZrO_2 Thin Film Deposited on 4H-SiC Substrate

Prof Madya Khairunisak Binti Abdul Razak, Prof Madya Zainovia Binti Lockman, Wong Yew Hoong, H.J. Kim, J.H. Moon, N.K. Kim, Tedi Kurniawan, W. Bahng

Materials Science In Semiconductor Processing
0.650

Functional room temperature metal (Al or Pd)- ZrO_2 (smooth or porous surface)-Si MOS capacitor O2 sensor

Profesor Ahmad Fauzi Bin Mohd Noor, Soo Mun Teng

Microelectronics International
0.468

Die Attach Materials for High Temperature Applications: A Review

Vemal Raja Manikam

IEEE Transactions On Components And Packaging Technologies
1.028

Physical and electrical characteristics of metal-organic decomposed CeO_2 Gate spin-coated on 4H-silicon carbide

Prof Madya Zainovia Binti Lockman, Lim Way Foong

Applied Physics A: Materials Science And Processing
1.765

Forthcoming Gallium Nitride Based Power Devices In Provoking The Development Of High Power Applications

Profesor Zainuriah Binti Hassan, Quah Hock Jin

Modern Physics Letters B
0.438

A review on the synthesis of SiC nanostructures from plant-based biomasses

Chiew Yi Ling

Materials Science & Engineering B-Advanced Functional Solid-State Materials
1.568

Effect of Post-Deposition Annealing on Electrical Properties of RF Magnetron Sputtered CeO_2 Gate on 4H-Silicon Carbide

Prof Madya Zainovia Binti Lockman, Profesor Zainuriah Binti Hassan, S.K. Chuah

Physica Status Solidi A-Applications And Materials
1.472

Prof Madya Chow Wen Shyang

Thermal properties, curing characteristics and water absorption of soybean oil-based thermoset

Tan Seah Guan

Express Polymer Letters
1.575

Effects of titanate coupling agent on the mechanical, thermal, and morphological properties of poly(methyl methacrylate)/hydroxyapatite denture base composites

Profesor Zainal Arifin Bin Mohd Ishak, Tham Wei Ling

Journal Of Composite Materials

0.971

Improvement of Microstructure and Properties of Poly(methyl methacrylate)/ Hydroxyapatite Composites Treated with Zirconate Coupling Agent

Profesor Zainal Arifin Bin Mohd Ishak, Tham Wei Ling

Journal Of Thermoplastic Composite Materials

0.865

Kinetics of Water Absorption and Thermal Properties of Poly(lactic acid)/Organomontmorillonite/Poly(ethylene glycol) Nanocomposites

Leu Ying Ying

Journal Of Vinyl And Additive Technology

0.912

Fracture Toughness Enhancement of Epoxy by Organo-Montmorillonite

Lim Su Rong

Polymer-Plastics Technology And Engineering

0.557

Impact, Thermal, and Morphological Properties of Functionalized Rubber Toughened-Poly(ethylene terephthalate) Nanocomposites

Lim Su Rong

Journal Of Applied Polymer Science

1.240

Mechanical, Thermal, and Morphological Properties of Injection Molded Poly(lactic Acid)/SEBS-g-MAH/Organomontmorillonite Nanocomposites

Profesor Zainal Arifin Bin Mohd Ishak, Leu Ying Ying

Journal Of Applied Polymer Science

1.240

Profesor Hanafi Bin Ismail

The effects of short glass fibre (SGF) loading and a silane coupling agent on properties of polypropylene/waste tyre dust/short glass fibre (PP/WTD/SGF) composites

Zuriati Zainal

Polymer-Plastics Technology And Engineering

0.557

The effect of isophorone diisocyanate-polyhydroxyl groups modified water hyacinth fibers (*Eichhornia Crassiper*) on properties of low density polyethylene/acrylonitrile butadiene styrene (LDPE/ABS) composites

A.G. Supri

Polymer-Plastics Technology And Engineering

0.557

Curing characteristics, mechanical, thermal and morphological properties of halloysite nanotubes (HNTs)-Filled Natural Rubber Nanocomposites

Prof Madya Zulkifli Bin Ahmad, Siti Zuliana Salleh

Polymer-Plastics Technology And Engineering

0.557

The effects of silanized ultrafine silica on the curing characteristics, tensile properties, and morphological study of natural rubber compounds

Siti Suhaida Idrus, Samayamutthirian Palaniandy

Polymer-Plastics Technology And Engineering

0.557

Mechanical properties and thermal properties of chitosan-filled polypropylene composites: The effect of acrylic acid

Faisal Amri, Kamarudin Hussin, Salmah Husseinsyah

Journal Of Vinyl And Additive Technology

0.912

Tensile properties, swelling, and water absorption behavior of rice-husk-powder-filled polypropylene/(recycled acrylonitrile-butadiene rubber) composites

Ragunathan A/L Santiago, Kamarudin Hussin
Journal Of Vinyl And Additive Technology
0.912

Preparation and properties of biodegradable polymer film based on polyvinyl alcohol and tropical fruit waste flour

Prof Madya Azhar Bin Abu Bakar, Profesor Noor Aziah Binti Abd Aziz, Ooi Zhong Xian
Polymer-Plastics Technology And Engineering
0.557

Effects of jackfruit waste flour on the properties of poly(vinyl alcohol) film

Prof Madya Azhar Bin Abu Bakar, Profesor Noor Aziah Binti Abd Aziz, Ooi Zhong Xian
Journal Of Vinyl And Additive Technology
0.912

Recycled polyethylene terephthalate filled natural rubber compounds: Effects of filler loading and types of matrix

Prof Madya Azura Binti A. Rashid, Nabil Hayeemasae
Journal Of Elastomers And Plastics
0.510

Characterization of citric acid-modified tapioca starch and its influence on thermal behavior and water absorption of high density polyethylene/natural rubber/thermoplastic tapioca starch blends

Dr Nadras Binti Othman, Mohamad Kahar Abdul Wahab
Polymer-Plastics Technology And Engineering
0.557

The effect of bis-(3-triethoxysilylpropyl) tetrasulphide (Si-69) as a coupling agent on properties of natural rubber/kenaf fibre composites

Prof Madya Zulkifli Bin Ahmad, Norjulia Binti Ahmad Mahir
Polymer-Plastics Technology And Engineering
0.557

Influence of acetylation on the tensile properties, water absorption, and thermal stability of (high-density polyethylene)/(soya powder)/(kenaf core) composites

Prof Madya Azhar Bin Abu Bakar, Abdul Hamid Abdullah
Journal Of Vinyl And Additive Technology
0.912

Effect of additives on properties of polyvinyl alcohol (PVA)/Tapioca starch biodegradable films

Nur Faseha Zaaba
Polymer-Plastics Technology And Engineering
0.557

Effect of carbon black loading on curing characteristics and mechanical properties of waste tyre dust/carbon black hybrid filler filled natural rubber compounds

Dr Nadras Binti Othman, Nurul Farhana Omar
Journal Of Applied Polymer Science
1.240

Curing characteristics, morphological, tensile and thermal properties of bentonite-filled ethylene-propylene-diene monomer (EPDM) composites

M. Mathialagan
Polymer-Plastics Technology And Engineering
0.557

The effect of carbon black/multiwall carbon nanotube hybrid fillers on the properties of natural rubber nanocomposites

Dr Nadras Binti Othman, Ahmad Faizal Ramly
Polymer-Plastics Technology And Engineering
0.557

Effect of poly(methyl methacrylate) modified water hyacinth fiber on properties of low density polyethylene/natural rubber/water hyacinth fiber composites

A.G. Supri, P.L. Teh, S.J. Tan

Polymer-Plastics Technology And Engineering
0.557

The effects of electron beam irradiation on the thermal properties, fatigue life and natural weathering of styrene butadiene rubber/recycled acrylonitrile-butadiene rubber blends

Nik Noriman Zulkepli

Materials & Design
1.696

Prof Madya Hasmaliza Bt Mohamad

Effect of stirring time on synthesis of ultra fine α -Al₂O₃ powder by a simple sol-gel method

Fateme Mirjalili, Luqman Chuah

Journal Of Ceramic Processing Research
0.484

Preparation of nano-scale α -Al₂O₃ powder by the sol-gel method

Fateme Mirjalili, Luqman Chuah

Ceramics - Silikaty
0.297

Effects of nano -Al₂O₃ fillers and dispersant on thermal and dynamic mechanical properties of polypropylene/nano -Al₂O₃ composite

Fateme Mirjalili, Luqman Chuah Abdullah, M. Khalid

Journal Of Thermoplastic Composite Materials
0.865

Profesor Hazizan Bin Md Akil

Preparation, properties and applications of chitosan-based biocomposites/blend materials: A review

Prof Madya Zulkifli Bin Ahmad, Nurhidayatullaili Muhd Julkapli

Composite Interfaces
0.573

Surface-activated nanosilica treated with silane coupling agents/polypropylene composites: Studies

Mechanical, Morphological and Thermals

Profesor Zainal Arifin Bin Mohd Ishak, Ong Hui Lin

Polymer Composites
0.998

Kenaf fiber reinforced composites: A review

Prof Madya Azhar Bin Abu Bakar, Profesor Zainal Arifin Bin Mohd Ishak, Adlan Ahmad Mazuki, Mohd Firdaus Omar, Sahnizam Safiee

Materials & Design
1.696

Mechanical and antibacterial properties of treated and untreated zinc oxide filled UHMWPE composites

Dr Ramdziah Binti Md. Nasir, Puan Siti Nurdijati Baharuddin, Chang Boon Peng

Journal Of Thermoplastic Composite Materials
0.865

Effect of (3-aminopropyl) triethylsilane treatment on mechanical and thermal properties of alumina-filled epoxy composites

Prof Madya Kamar Shah Bin Ariffin, Erfan Suryani Abd Rashid, Mohd Fadli Ahmad Rasyid, Chee Choong Kooi

Proceedings Of The Institution Of Mechanical Engineers Part L-Journal Of Materials Design And Applications
0.467

The effect of multiple compatibilizers on the impact properties of polypropylene/polystyrene (PP/PS) blend

Azizan Abd Aziz, Nor Azlan Mohd Ramli, Syed Mustafa Syed Jamaludin

Polymer-Plastics Technology And Engineering
0.557

Effect of ion exchange treatment on the properties of muscovite filled epoxy composite

Prof Madya Kamar Shah Bin Ariffin, Erfan Suryani Abdul Rashid, Mohd Fadli Ahmad Rasyid, Chee Choong Kooi
Applied Clay Science
2.303

Mechanical properties of nanosilica/polypropylene composites under dynamic compression loading

Profesor Zainal Arifin Bin Ahmad, Mohd Firdaus Omar
Polymer Composites
0.998

Properties of pultruded jute fiber reinforced unsaturated polyester composites

Prof Madya Azhar Bin Abu Bakar, Profesor Zainal Arifin Bin Mohd Ishak, Sahnizam Safiee,, Adlan Akram Mohamad Mazuki
Advanced Composite Materials: The Official Journal Of The Japan Society Of Composite Materials
0.358

the fracture properties of environmental-friendly fiber metal laminates

Nicholas Kuan Hoo Tien, Cantwell Wesley, Carlo Santulli
Journal Of Reinforced Plastics And Composites
0.823

Static and dynamic compressive properties of mica/polypropylene composites

Profesor Zainal Arifin Bin Ahmad, Mohd Firdaus Omar
Materials Science & Engineering A-Structural Materials Properties Microstructure And Processing
2.101

Effect of water absorption on the mechanical properties of pultruded Kenaf fibre reinforced polyester composites

Prof Madya Azhar Bin Abu Bakar, Profesor Zainal Arifin Bin Mohd Ishak, Norlin Nosbi
Advanced Composites Letters
0.277

Measurement and prediction of compressive properties of polymers at high strain rate loading

Profesor Zainal Arifin Bin Ahmad, Mohd Firdaus Omar
Materials & Design
1.696

Dr Julie Juliewatty Mohamed

Effect of excess TiO_2 in $CaCu_3Ti_4O_{12}$ on the microstructure and dielectric properties
Prof Madya Mohd Fadzil Bin Ain, Prof Madya Sabar Derita Hutagalung, Profesor Zainal Arifin Bin Ahmad
Journal Of Ceramic Processing Research
0.484

Prof Madya Ir Mariatti Binti Jaafar @ Mustapha

Effect of Filler Surface Treatment on Mechanical Properties and Thermal Properties of Single and Hybrid Filler-Filled PP Composites
Nurdina Abdul Kadir, Samayamutthirian Palaniandy
Journal Of Applied Polymer Science
1.240

Effects of the Size and Filler Loading on the Properties of Copper- and Silver-Nanoparticle-Filled Epoxy Composites

Prof Madya Zainovia Binti Lockman, Chan Khai Loon, Sim Lim Chong
Journal Of Applied Polymer Science
1.240

Effects of types of fillers and filler loading on the properties of silicone rubber composites

Kong Siew Mui, James Busfield
Journal Of Reinforced Plastics And Composites
0.823

Properties of epoxy nanocomposite thin films prepared by spin coating technique

Richard Voo, Sim Lim Chong
Journal Of Plastic Film And Sheeting
0.688

Changes in the crystallinity and mechanical properties of poly(L-lactic acid)/poly(butylene succinate-co-Llactate) blend with annealing process

Prof Madya Zulkifli Bin Ahmad, Chou Pui May, Mitsugu Todo

Polymer Bulletin

1.215

Effect of thermal conductive fillers on the properties of polypropylene composites

Nurulizzati Bt Mohd Shukri

Journal Of Thermoplastic Composite Materials

0.865

Properties of Single and Hybrid Aluminum and Silver Fillers Filled High-Density Polyethylene Composites

Nurul Hidayah Ismail

Journal Of Thermoplastic Composite Materials

0.865

New bioactive glass-ceramic: Synthesis and application in PMMA bone cement composites

Prof Madya Noor Hayati Bte. Abdul Razak, Profesor Radzali Bin Othman, Hamizah Abdul Samad, Kawashita Masakazu

Bio-Medical Materials And Engineering

1.026

Properties of synthetic diamond and graphene nanoplatelet-filled epoxy thin film composites for electronic applications

Serena Saw W. P.

Journal Of Materials Science-Materials In Electronics

0.927

Dr Nadras Binti Othman

Biodegradation studies of polyvinyl alcohol/corn starch blend film in solid and solution medium

Profesor Hanafi Bin Ismail, Nur Azleen Bt Azahari

Journal Of Physical Science

Khas

Effect of pro-degradant additive on photo-oxidative aging of polypropylene film

Profesor Hanafi Bin Ismail, Prof Madya Zulkifli Bin Ahmad, Noor Zalikha Binti Mohamed Islam

Sains Malaysiana

Khas

A new processing additive for natural rubber from agricultural waste

Dr Sasidharan A/L Sreenivasan, Anandhan, S, Jeevan Vikhnesh, C.

Kgk-Kautschuk Gummi Kunststoffe

0.344

Profesor Radzali Bin Othman

Effect of silicon and heat-treatment temperature on the morphology and mechanical properties of silicon-substituted hydroxyapatite

Le Thi Bang, Kunio Ishikawa

Ceramics International

1.472

Prof Madya Sabar Derita Hutagalung

Effect of MnO₂ additive on the dielectric and electromagnetic interference shielding properties of sintered cement-based ceramics

Prof Madya Mohd Fadzil Bin Ain, Profesor Zainal Arifin Bin Ahmad, Nor Hidayah Binti Sahrol, Mohamadariff Othman

Ceramics International

1.472

Dr Sivakumar A/L Ramakrishnan

Fuzzy Preference-Based Multi –Objective Optimization Method

Dr Yahya Bin Abu Hasan

Artificial Intelligence Review

0.429

Prof Madya Srimala A/P Sreekantan

Effect of Applied Potential on the Formation of Self-Organized TiO_2 Nanotube Arrays and Its Photoelectrochemical Response

Lai Chin Wei

Journal Of Nanomaterials

1.675

Characterization and Photocatalytic Activity of Enhanced Copper-Silica-Loaded Titania Prepared via Hydrothermal Method

Ramarao Poliah

Journal Of Nanomaterials

1.675

Formation of High Aspect Ratio TiO_2 Nanotube Arrays by Anodization of Ti Foil in Organic Solution

Profesor Ishak Bin Mat, Khairul Arifah Saharudin, Lai Chin Wei, Roshasnorlyza Hazan

Sains Malaysiana

Khas

Dr Syed Fuad Bin Saiyid Hashim

CFD simulation and experimental analysis of flow dynamics and grinding performance of opposed fluidized bed air jet mill

Profesor Mohd Zulkifly Bin Abdullah, M. Sri Raj Rajeswari, M.K. Abdullah, Khairun Azizi Mohd Azizli, M. Abdul Mujeebu

International Journal Of Mineral Processing

1.082

Dr Yeoh Fei Yee

The effect of carbonisation temperatures on nanoporous characteristics of activated carbon fibre (ACF) derived from oil palm empty fruit bunch (EFB) fibre

Profesor Radzali Bin Othman, Tan Wan Cheng, Akihiko Matsumoto

Journal Of Thermal Analysis And Calorimetry

1.752

Macroporous bioceramics: A remarkable material for bone regeneration

Profesor Radzali Bin Othman, Liew Kien Seng, Kunio Ishikawa

Journal Of Biomaterials Applications

2.246

Synthesis and characterization of zeolites NaA and NaY from rice husk ash

Profesor Radzali Bin Othman, Yap Sing Yoh, Tan Wan Cheng, Akihiko Matsumoto

Adsorption

1.993

Profesor Zainal Arifin Bin Ahmad

Some ceramic properties of clays from central Cambodia

Prof Madya Hasmaliza Bt Mohamad, Bun Kim Ngun, Kiyoshi Okada, Shamsul Kamal Sulaiman

Applied Clay Science

2.303

Synthesis and characterization of $xMgO-1.5Al_2O_3-5SiO_2$ ($x = 2.6-3.0$) system using mainly talc and kaolin through the glass route

Prof Madya Hasmaliza Bt Mohamad, Banjuraizahjohar

Materials Chemistry And Physics

2.356

Synthesis and Characterization of Porous Biphasic Calcium Phosphate Scaffold From Different Porogens For Possible Bone Tissue Engineering Applications

Prof Madya Abdul Rashid Bin Ismail, Prof Madya Noor Hayati Bte. Abdul Razak, Prof Madya Dr Sam'an Malik Masudi, Dr Shah Rizal Bin Kasim, A. Amera, A. M. A. Abudalazez

Science Of Sintering

0.403

Profesor Zainal Arifin Bin Mohd Ishak

Water Absorption and Dimensional Stability of Short Kenaf Fiber-Filled Polypropylene Composites Treated with Maleated Polypropylene

T. T. Law

Journal Of Applied Polymer Science

1.240

Poly(butylene succinate)/ Organo-montmorillonite Nanocomposites: Effects of the Organoclay Content on Mechanical, Thermal, and Moisture Absorption Properties

Prof Madya Chow Wen Shyang, Y. J. Phua

Journal Of Thermoplastic Composite Materials

0.865

Mechanical properties and structure development in poly(butylene succinate)/organo-montmorillonite nanocomposites under uniaxial cold rolling

Prof Madya Chow Wen Shyang, Y. J. Phua

Express Polymer Letters

1.575

The hydrolytic effect of moisture and hygrothermal aging on poly(butylene succinate)/organo-montmorillonite nanocomposites

Prof Madya Chow Wen, Shyang, Y. J. Phua

Polymer Degradation And Stability

2.594

Prof Madya Zuhailawati Binti Hussain

Mechanical alloying and sintering of nanostructured tungsten carbide-reinforced copper composite and its characterization

Profesor Radzali Bin Othman, Mahani Yusoff

Materials & Design

1.696

Prof Madya Zulkifli Bin Ahmad

Cross-link Network of Polydimethylsiloxane via Addition and Condensation (RTV) Mechanisms. Part I: Synthesis and Thermal Properties

Prof Madya Azlan Bin Ariffin, Mohamad Riduwan Ramli, Muhammad Bisyrul Hafi Othman

Polymer Degradation And Stability

2.594

Dielectric constant and refractive index of poly(siloxane-imide) block copolymer

Profesor Hazizan Bin Md Akil, Looi Yien Tyng, Mohammad Bisyrul Hafi Othman, Muhamad Riduwan Ramli

Materials & Design

1.696

Dependence of the dielectric constant on the fluorine content and porosity of polyimides

Profesor Hazizan Bin Md Akil, Nicholas Ang Soon Ming, Mohammad Bisyrul Hafi Othman

Journal Of Applied Polymer Science

1.240

Prof Madya Zulkifli Bin Mohamad Ariff

Study on Effect of Filler Loading on the Flow and Swelling Behaviors of Polypropylene-Kaolin Composites Using Single-Screw Extruder

Prof Madya Azlan Bin Ariffin, Nor Azura Binti Abdul Rahim, Suzi Salwah Binti Jikan

Journal Of Applied Polymer Science

1.240

Correlation between the acoustic and dynamic mechanical properties of natural rubber foam: Effect of foaming temperature

Prof Madya Azhar Bin Abu Bakar, Nor Nadirah Binti Najib, Coswald Stephen Sipaut @ Mohd Nasri

Materials & Design

1.696

Development and characterization of epoxy syntactic foam filled with epoxy hollow spheres

Prof Madya Azhar Bin Abu Bakar, Siti Salmi Binti Samsudin, Zunaida Binti Zakaria

Express Polymer Letters

1.575

Pusat Pengajian Kejuruteraan Elektrik Dan Elektronik

Dr Anwar Hasni Bin Nayan @ Abu Hassan

Measurement of Speed Using Fiber Optic Technique

Prof Madya Mahfoozur Rehman, Amir Abu-Al-Aish

Journal Of Optoelectronics And Advanced Materials

0.412

Dr Arjuna Bin Marzuki

UWB Fast-Hopping Carrier Frequency Generator

Ali Yeon Md Shakaff, Zaliman Sauli

Informacije Midem

0.250

12-Bit Pseudo-Differential Current-Source Resistor-String Hybrid DAC

Encik Zulfiqar Ali Bin Abdul Aziz, Ab-Aziz, Mts

Journal Of Circuits Systems And Computers

0.215

Dr Asrulnizam Bin Abd Manaf

A model for length of saturation velocity region in double-gate Graphene nanoribbon transistors

Mahdiar Hossein Ghadiry, M. Nadi, M.T. Ahmadi

Microelectronics And Reliability

1.101

Design and Analysis of a New Carbone Nanotube Full Adder Cell

Mahdiar Hosein Ghadiry, Hatef Sadeghi, M. Nadi Senejani, M. T. Ahmadi

Journal Of Nanomaterials

1.675

Response estimation of micro-acoustic transducer for underwater applications using finite element method

Prof Madya Mohd Rizal Bin Arshad, Mohd Ikhwan Hadi Yaacob

Indian Journal Of Marine Sciences

0.204

Modeling of Circular Piezoelectric Micro Ultrasonic Transducer Using CuAl10Ni5Fe4 on ZnO Film for Sonar

Applications

Prof Madya Mohd Rizal Bin Arshad, Mohd Ikhwan Hadi Yaacob

Acoustical Physics

0.682

Review of MEMS flow sensors based on artificial hair cell sensor

Prof Madya Mohd Rizal Bin Arshad, Prof Madya Othman Bin Sidek, Mohd Norzaidi Bin Mat Nawi

Microsystem Technologies

1.071

Dr Bakhtiar Affendi Bin Rosdi

Finger Vein Recognition Using Local Line Binary Pattern

Dr Shahrel Azmin Bin Sundi @ Suandi, Chai Wuh Shing

Sensors

1.774

Ir Dr Dahaman Bin Ishak

Minimization of Torque Ripples in BLDC Motors due to Phase Commutation - A Review

Khaleel J. Hammadi, Wael A. Salah

Przeglad Elektrotechniczny

0.242

Development of a BLDC Motor Drive with Improved Output Characteristics

Prof Madya Soib Bin Taib, Khaleel J. Hammadi, Wael A. Salah

Przeglad Elektrotechniczny

0.242

Monitoring and Simulation of Three-phase Squirrel-Cage Induction Motor with Broken Rotor Bars by Using Virtual Instruments (VIs)

Khaleel J. Hammadi, Salem B. Saadon, Wael A. Salah

Optoelectronics And Advanced Materials Rapid Communications

0.477

Dr Haidi Bin Ibrahim

Multiple layers block overlapped histogram equalization for local content emphasis

Nicholas Sia Pik Kong

Computers And Electrical Engineering

0.484

Prof Madya Junita Binti Mohamad Saleh

Impulse noise detector for vein images based on feed-forward neural network

Dr Bakhtiar Affendi Bin Rosdi, Marlina Binti Yakno

Optical Engineering

0.822

Prof Madya Kamal Zuhairi Bin Zamli

A variable strength interaction test suites generation strategy using Particle Swarm Optimization

Bestoun S. Ahmed

Journal Of Systems And Software

1.293

Dr Mohamad Kamarol Bin Mohd Jamil

Gas By-products of CF3I under AC Partial Discharge

Hitoshi Saitoh, Masayuki Hikita, Masayuki Sakaki, Shinya Otsuka

Journal Of Electrostatics

1.082

Dr Mohd Fadzli Bin Mohd Salleh

Unequal Error Protection (UEP) Image Transmission System with Lifting Wavelet Transform (LWT) Based Reed Solomon (RS) Coded Cooperation Scheme

A. H. M. Almawgani

IEICE Transactions On Communications

0.301

Reduced Complexity Optimum Detector for Block Data Transmission Systems using Lattice Sphere Decoding Technique

Mahmoud A. M. Albreem, Spk Babu

IEICE Electronics Express

0.427

Prof Madya Mohd Rizal Bin Arshad

Design and implementation of embedded multiprocessor architecture for underwater applications

Muataz H. Salih

Indian Journal Of Marine Sciences

0.204

A simulation based fly optimization algorithm for swarms of mini autonomous surface vehicles application

Prof Madya Umi Kalthum Binti Ngah, Zulkifli Zainal Abidin

Indian Journal Of Marine Sciences

0.204

Assessment of quality of fruits using impedance spectroscopy

Prof Madya Mahfoozur Rehman, Profesor Dr Mohd Zaid Bin Abdullah, Basem A.J.A Abu Izneid

International Journal Of Food Science And Technology

1.223

Prof Madya Nor Ashidi Bin Mat Isa

Clustered-Hybrid Multilayered Perceptron Network for Pattern Recognition Application

Wan Mohd Fahmi Wan Mamat

Applied Soft Computing Journal

2.097

Automated Intelligent Real-Time System for Aggregate Classification

Muhammad Subhi Al Batah, Zamani Md Sani

International Journal Of Mineral Processing

1.082

Enhanced Moving K-Means (EMKM) Algorithm for Image Segmentation

Fasahat Ullah Siddiqui

IEEE Transactions On Consumer Electronics

1.057

Locally Adaptive Bilateral Clustering for Image Deblurring and Sharpness Enhancement

Kenny Toh Kal Vin

IEEE Transactions On Consumer Electronics

1.057

Dr Rosmiwati Binti Mohd Moktar

Underwater glider modelling and analysis for net buoyancy, depth and pitch angle control

Prof Madya Mohd Rizal Bin Arshad, Nur Afande Bin Ali Hussain

Ocean Engineering

0.957

Data Compression for underwater glider systems using frequency sampling filters

Prof Madya Mohd Rizal Bin Arshad, Muhammad Hilmie Bin R. A. Aziz, Nur Afande Bin Ali Hussain

Indian Journal Of Marine Sciences

0.204

Depth and pitch control of USM underwater glider: Performance comparison PID vs LQR

Prof Madya Mohd Rizal Bin Arshad, Maziyah Mat Noh

Indian Journal Of Marine Sciences

0.204

Dr Tay Lea Tien

Morphological convexity measures for terrestrial basins derived from digital elevation models

B S Daya Sagar, Koo Voon Chet, Lim Sin Liang

Computers And Geosciences

1.416

Prof Madya Widad Binti Ismail

Comparison of rain attenuation prediction models with ground measurement data for Penang

Renuka Nallingam, Mandeep Singh Jit Singh

IET Microwaves Antennas And Propagation

0.682

Analysis of Rain Attenuation Models for South East Asia Countries

Renuka Nallingam, Mandeep Singh Jit Singh

Journal Of Infrared Millimeter And Terahertz Waves

0.824

High Tuning Sensitivity Dielectric Resonator Oscillator from Optimization of Dielectric Resonator TE01d Mode

Amir Effendi Muhammad-Afifi, Mandeep Singh Jit Singh

Microwave Journal

0.268

Pusat Pengajian Kejuruteraan Kimia

Profesor Abdul Latif Bin Ahmad

Synthesis and kinetic study of thermal cycloimidization of novel poly(amide amic acid) to poly(amide imide) by thermogravimetric analysis

D. Jagan Mohan

Journal Of Macromolecular Science Part B-Physics

0.602

Synthesis of a TiO_2 ceramic membrane containing $SrCo0.8Fe0.2O_2$ by the sol-gel method with a wet impregnation process for O_2 and N_2 permeation

Prof Madya Sharif Hussein Sharif Zein, Nur Aimie Abdullah Sani

Ceramics International

1.472

Vanadium Oxide-Based Composite Catalysts for the Oxidation of Styrene: A Comparative Study

Dr Ooi Boon Seng, Profesor Subhash Bhatia, Behnam Kohestani Mostafa

Current Nanoscience

1.879

Morphology and polymorph study of a polyvinylidene fluoride (PVDF) membrane for protein binding: Effect of the dissolving temperature

Profesor Asma Binti Ismail, Dr Low Siew Chun, Dr Ooi Boon Seng, Norhidayah Ideris

Desalination

1.851

Profesor Abdul Rahman Bin Mohamed

A Parametric Study of Methane Decomposition into Carbon Nanotubes over $8Co^{+2}Mo/Al_2O_3$ Catalyst

Seah Choon Ming, Chai Siang Piao

Journal Of Natural Gas Chemistry

1.345

A review on the formation of titania nanotube photocatalysts by hydrothermal treatment

Tan Yong Nian, Wong Chung Leng

Journal Of Environmental Management

2.597

Effects of Temperature for the Synthesis of Carbon Nanotubes by FeC_{13} as a Floating Catalyst Precursor

Dr Tan Soon Huat, Mehrnoush Khavarian, Chai Siang Piao

Fullerenes Nanotubes And Carbon Nanostructures

0.631

Nanocrystalline Zeolite Beta and Zeolite Y as Catalysts in used Palm Oil Cracking for the Production of Biofuel.

Profesor Subhash Bhatia, Niken Taufiqurrahmi

Journal Of Nanoparticle Research

3.253

Optimized Parameters for Carbon Nanotubes Synthesis Over Fe and Ni Catalysts via Methane CVD

Prof Madya Ahmad Zuhairi Bin Abdullah, V.M.Sivakumar, Chai Siang Piao

Reviews On Advanced Materials Science

0.649

Production of Carbon Molecular Sieves from Palm Shell Through Carbon Deposition from Methane

Maedeh Mohammadi, Ghasem D. Najafpour

Chemical Industry And Chemical Engineering Quarterly

0.580

Catalytic inorganic membrane reactors: Present research and future prospects

Profesor Subhash Bhatia, Salwa Meredith Hashim

Reviews In Chemical Engineering

1.125

Prof Madya Ahmad Zuhairi Bin Abdullah

Effect of pH and Catalyst Dosage on the Leaching of Fe from Fe (III) Doped Zeolite Y used for Sonocatalytic

Degradation of Acid Red B

Nur Azimah Jamalluddin

Research Journal Of Chemistry And Environment

0.292

Review on sonochemical methods in the presence of catalysts and chemical additives for treatment of organic pollutants in wastewater

Pang Yean Ling, Subhash Bhatia

Desalination

1.851

Profesor Azlina Binti Harun @ Kamaruddin

Enzymatic membrane reactors: The determining factors in two separate phase operations

Profesor Subhash Bhatia, Joni Agustian

Journal Of Chemical Technology And Biotechnology

1.818

Enzymatic synthesis of farnesyl laurate in organic solvent: Initial water activity, kinetics mechanism, optimization of continuous operation using packed bed reactor and mass transfer studies

Dr Mohamad Hekarl Bin Uzir, Nazira Khabibor Rahman

Bioprocess And Biosystems Engineering

2.060

Profesor Bassim H. Hameed

Oxidative decolorization of Acid Red 1 solutions by Fe–zeolite Y type catalyst

H. Hassan

Desalination

1.851

Enhancement of the photocatalytic activity of TiO₂ by doping it with calcium ions

U.G. Akpan

Journal Of Colloid And Interface Science

3.068

Preparation of oil palm (Elaeis) empty fruit bunch activated carbon by microwave-assisted KOH activation for the adsorption of methylene blue

K.Y. Foo

Desalination

1.851

Prof Madya Lee Keat Teong

Supercritical Alcohol Technology in Biodiesel Production: A Comparative Study between Methanol and Ethanol

Profesor Abdul Rahman Bin Mohamed, Gui Meei Mei, Tan Kok Tat

Energy Sources Part A-Recovery Utilization And Environmental Effects

0.843

Noncatalytic Biodiesel Fuel Production from Croton megalocarpus Oil

Tan Kok Tat, Gerald Kafuku, Makame Mbarawa

Chemical Engineering And Technology

1.394

Comparison and optimisation of biodiesel production from Jatropha curcus oil using supercritical methyl acetate and methanol

Prof Madya Zainal Bin Ahmad, Noorzalila Muhammad Niza, Tan Kok Tat

Chemical Papers

0.754

Dr Leo Choe Peng

Phosphorus removal using nanofiltration membranes

Abdul Wahab Mohammad, Andrew F. A. Hoadley, Chai Siang Piao, Chai Weng Kong, Ying Qi

Water Science And Technology

1.056

Effects of APTEOS on morphological characteristics of hybrid nylon-66 based membranes prior to electron beam irradiation

Abdul Wahab Mohammad, Amilia Linggawati, Zulkafli Bin Ghazali

Journal Of Applied Polymer Science

1.240

Optimizing the Incorporation of Silica Nanoparticles in Polysulfone/Poly(vinyl alcohol) Membranes with Response Surface Methodology

Abdul Wahab Mohammad, Ng Law Yong

Journal Of Applied Polymer Science

1.240

Dr Mohamad Hekarl Bin Uzir

Saccharomyces cerevisiae: A potential stereospecific reduction tool for biotransformation of mono and sesquiterpenoids

Khor Guat Kheng

Yeast

1.626

Dr Mohd Azmier Bin Ahmad

Response Surface Modeling and Optimization of Remazol Brilliant Blue Reactive Dye Removal Using Periwinkle Shell-Based Activated Carbon

Olugbenga Solomon Bello

Separation Science And Technology

1.015

Removal of Remazol Brilliant Violet-5R dye using periwinkle shells

Olugbenga Solomon Bello

Chemistry And Ecology

0.776

Prof Madya Norashid Bin Aziz

Optimization of batch electrodialysis for hydrochloric acid recovery using orthogonal collocation method

Fakhrony Sholahudin Rohman

Desalination

1.851

Prof Madya Sharif Hussein Sharif Zein

Optimization of the Mechanical Properties of Calcium Phosphate/Multiwalled Carbon Nanotubes/Bovine Serum Albumin Composites Using Response Surface Methodology.

Dr Tan Soon Huat, Kah Ling Low, Aldo R. Boccaccini, David S. Mcphail

Materials & Design

1.696

The effect of interfacial bonding of calcium phosphate cements containing bio-mineralized multi-walled carbon nanotube and bovine serum albumin on the mechanical properties of calcium phosphate cements

Dr Tan Soon Huat, Kah Ling Low, Aldo R. Boccaccini, David S. Mcphail

Ceramics International

1.472

Structural and interaction properties of encapsulated MnO₂ nanowires filled MWCNTs

Saiful Izwan Abd Razak

Nano

1.106

MnO₂-filled multiwalled carbon nanotube/polyaniline nanocomposites: Effect of loading on the conduction properties and its percolation threshold

Profesor Abdul Latif Bin Ahmad, Saiful Izwan Abd Razak

Nano

1.106

Synthesis, Characterization and Biodegradation of Novel Poly(L-lactide)/Multiwalled Carbon Nanotube Porous Scaffolds for Tissue Engineering Applications

Profesor Abdul Latif Bin Ahmad, Profesor Haziran Bin Md Akil, Dr Tan Soon Huat, Hassan Adeli

Current Nanoscience

1.879

Optimization of the mechanical strength properties of poly(L-lactide)/multi-walled carbon nanotube scaffolds using response surface methodology

Profesor Abdul Latif Bin Ahmad, Dr Tan Soon Huat, Hassan Adeli

Nano
1.106

Dr Tan Soon Huat

Effect of Cutting and Functionalization of Single-Walled Carbon Nanotubes on Their Dispersion Behaviors

Naesung Lee, Sung Chul Hong, Wonmok Lee, Youngjin Cho

Journal Of Nanoscience And Nanotechnology
1.352

Prof Madya Zainal Bin Ahmad

Candida antarctica as catalyst for polycaprolactone synthesis: Effect of temperature and solvents

Senthil Kumar Arumugasamy

Asia-Pacific Journal Of Chemical Engineering
0.583

Pusat Pengajian Kejuruteraan Mekanik**Dr Abdullah Aziz Bin Saad**

Thermal-mechanical fatigue simulation of a P91 steel in a temperature range of 400–600°C

Christopher Hyde, Thomas Hyde, Wei Sun

Materials At High Temperatures
0.351

Profesor Mohd Zulkifly Bin Abdullah

Study on the fluid/structure interaction at different inlet pressures in molded packaging

Khor Chun Yee, Fakrolzi Che Ani

Microelectronic Engineering
1.575

Effects of tip gap and amplitude of piezoelectric fans on the performance of heat sinks in microelectronic cooling

Prof Madya Zaidi Bin Mohd Ripin, Muhammad Khalil Bin Abdullah, Nazmi Che Ismail, Kamarul Ariffin Ahmad, M. Abdul Mujeebu

Heat And Mass Transfer
0.673

Experimental Investigation and Optimization of Heat Input and Coolant Velocity of Finned Twin U-Shaped Heat Pipe for CPU Cooling

Mohamed H. A. Elnaggar, M. Abdul Mujeebu

Experimental Techniques
0.505

Fluid/Structure Interaction Analysis of the Effects of Solder Bump Shapes and Input/Output Counts on Moulded Packaging

Khor Chun Yee, Leong Wei Chiat

IEEE Transactions On Components And Packaging Technologies
1.028

Flow Induced Deflection and Stress on Flexible Printed Circuit Board in Fan-Cooled Electronic Systems: FSI Approach

Leong Wei Chiat, M. Abdul Mujeebu

IEEE Transactions On Components And Packaging Technologies
1.028

FSI Simulation of Wire Sweep PBGA Encapsulation Process Considering Rheology Effect

Dadan Ramadan, Loh Wei Keat, M. Abdul Mujeebu, Ooi Chun Keang, R. C. Ooi

IEEE Transactions On Components And Packaging Technologies
1.028

Development of Flexible Wings and Flapping Mechanism with Integrated Electronic Control System, for Micro Air Vehicle Research

Hamid Yusoff, Kamarul Ariffin Ahmad, M. Abdul Mujeebu

Experimental Techniques

0.505

Numerical Study of Inspiratory Numerical Study of Inspiratory Numerical Study of Inspiratory and Exploratory Flow in Human Nasal Cavity

Profesor Ibrahim Lutfi Bin Shuaib, Dr Rushdan Bin Ismail, Prof Madya Suzina Bt. Sheikh Abdul Hamid, Mohammed Zubair,

Vizy Nazira Riazuddin, Kamarul Ariffin Ahmad

Journal Of Medical And Biological Engineering

0.420

Encik Mohzani Bin Mokhtar

Approach to prediction of laser cutting quality by employing fuzzy expert system

Dr Chin Jeng Feng, Chong Zhian Syn, Yupiter H.P. Manurung

Expert Systems With Applications

1.926

Prof Madya Shahrul Bin Kamaruddin

Investigating the Effects of Injection Molding Parameters on the Mechanical Properties of Recycled Plastic Parts Using the Taguchi Method

Nik Mizamzul Bt Mehat

Materials And Manufacturing Processes

0.802

Multi-Response Optimization of Injection Moulding Processing Parameters Using the Taguchi Method

Nik Mizamzul Bt Mehat

Polymer-Plastics Technology And Engineering

0.557

Prof Madya Zahurin Bin Samad

Finite element modeling and simulation of proposed design magneto-rheological valve

Maher Yahya Salloom

International Journal Of Advanced Manufacturing Technology

1.071

Prof Madya Zaidi Bin Mohd Ripin

Frictional behavior of piston rings of small utility two-stroke engine under secondary motion of piston

Tan Yeow Chong

Tribology International

1.560

The design and development of suspended handles for reducing hand-arm vibration in petrol driven grass trimmer

Ko Ying Hao, Ooi Lu Ean

International Journal Of Industrial Ergonomics

1.322

Tuned vibration absorber for suppression of hand-arm vibration in electric grass trimmer

Lee Xin Mei, Ko Ying Hao

International Journal Of Industrial Ergonomics

1.322

Transient analysis of drum brake squeal with binary flutter and negative friction-velocity instability mechanisms

Teoh Choeyung

Journal Of Vibroengineering

0.323

Pusat Pengajian Pendidikan Jarak Jauh**Profesor Abdul Rahman Bin Othman**

Kaedah Alexander-Govern terubah suai sebagai alternatif kepada ujian-t dan ujian F ANOVA
Sharipah Soaad Binti Syed Yahaya, Suhaida Binti Abdullah
Sains Malaysiana
Khas

Dr Anton Abdulbasah Kamil

A stochastic frontier model on measuring online bank profit efficiency
Md. Azizul Baten
South African Journal Of Business Management
0.146

Dr Chuah Lee Siang

Nanocrystalline ZnO film grown on porous SnO₂/Si(111) substrate
Profesor Mat Johar Bin Abdullah, Encik Mohd Anas Bin Ahmad, Cik Siti Khadijah Binti Mohd Bakhori, Profesor Zainuriah Binti Hassan
Composite Interfaces
0.573

Synthesis of ZnO nanosheets by a combined electrodeposition and illumination method

Encik Mohd Anas Bin Ahmad, Cik Siti Khadijah Binti Mohd Bakhori, Profesor Zainuriah Binti Hassan, M. A. Mahdi, A. Ramizy
Composite Interfaces
0.573

Optical Analysis of nanocrystalline ZnO films coated on porous silicon by radio frequency (RF) magnetron sputtering

Profesor Mat Johar Bin Abdullah, Cik Siti Khadijah Binti Mohd Bakhori, Profesor Zainuriah Binti Hassan, N. H. Al-Hardan
Composite Interfaces
0.573

Catalyst-free growth and characterization of ZnO nanoscrewdrivers prepared by thermal evaporation

Encik Mohd Anas Bin Ahmad, Cik Siti Khadijah Binti Mohd Bakhori, Encik Yushamdan Bin Yusof, Profesor Zainuriah Binti Hassan, Tneh Sau Siong
Microelectronics International
0.468

Synthesis of porous Ni-doped SnO₂ Thin Film by using Spray Pyrolysis

Profesor Zainuriah Binti Hassan, Tneh Sau Siong
Composite Interfaces
0.573

Single crystalline ZnO nanowires by oxidizing granular zinc film

Profesor Zainuriah Binti Hassan, Tneh Sau Siong
Journal Of Dispersion Science And Technology
0.628

Study of electrical characteristics of ZnO Schottky photodiode on Si substrate

Profesor Zainuriah Binti Hassan, S. G. Teo, Tneh Sau Siong
Microelectronics International
0.468

Tetrapod-like ZnO nanostructures deposited on Si substrates with AlN as buffer layer

Profesor Zainuriah Binti Hassan, Tneh Sau Siong
Composite Interfaces
0.573

Structural characterization of nanocrystalline InN grown on porous silicon by reactive sputtering

Profesor Haslan Bin Abu Hassan, Dr Ng Sha Shiong, Profesor Zainuriah Binti Hassan
Optoelectronics And Advanced Materials Rapid Communications
0.477

Prof Madya Habibah Binti Hj. Lateh

Critical antecedent rainfall conditions for shallow landslides in Chittagong City of Bangladesh

Dr Anton Abdulbasah Kamil, M. Azizul Baten, Younus Ahmed Khan

Environmental Earth Sciences

0.678

Dr Izham Bin Mohamad Yusoff

Influence of georeference for saturated excess overland flow modelling using 3D volumetric soft geo-objects

Profesor Wan Ruslan Bin Ismail, Alias Bin Abdul Rahman, Ayob Bin Katimon, Muhamad Uznir Bin Ujang

Computers And Geosciences

1.416

Dr Lok Yian Yian

MHD Stagnation Point Flow with Suction Towards a Shrinking Sheet

Anuar Ishak, Ioan Pop

Sains Malaysiana

Khas

MHD stagnation-point flow towards a shrinking sheet

Anuar Ishak, Ioan Pop

International Journal Of Numerical Methods For Heat And Fluid Flow

0.527

Wang's Shrinking Cylinder Problem with Suction near a Stagnation Point

Ioan Pop

Physics Of Fluids

1.722

Prof Madya Mustafa Fadzil Bin Farid Wajidi

The integron prevalence of extended-spectrum betalactamase producing enterobacterial isolates in a Malaysian teaching hospital

Associate Professor Mohd Yasim Md Yusof, Associate Professor Tay Sun Tee, Noraimah Ibrahim

Tropical Biomedicine

0.581

Dr Zulnaidi Bin Yaacob

The Effect of Intensity of Quality Management on Customer Satisfaction

Zakaria Abas

International Journal Of Business And Society

Khas

Prof Madya Zuraini Binti Zakaria

Bioassay-directed isolation of active compounds with antiyeast activity from a Cassia fistula seed extract

Dr Chen Yeng, Dr Lai Ngit Shin, Dr Sasidharan A/L Sreenivasan, Jo Thy Subramanion, Yoga Latha Lachimanan, Lau Yee Ling Molecules

1.988

Acute Oral Toxicity of Methanolic Seed Extract of Cassia fistula in Mice

Dr Chen Yeng, Dr Sasidharan A/L Sreenivasan, Jo Thy Subramanion, Yoga Latha Lachimanan, Lau Yee Ling Molecules

1.988

Pusat Pengajian Pengurusan

Dr Haslindar Binti Ibrahim

Agency Costs, Corporate Governance Mechanisms and Performance of Public Listed Family Firms in Malaysia

Fazilah Abdul Samad

South African Journal Of Business Management

0.146

Dr Hooy Chee Wooi

Japan-US Real Exchange Rate Behaviour: Evidence from Linear and Non-linear Endogenous Break Tests

Chan Tze Haw, Chong Lee Lee

Asian Academy Of Management Journal Of Accounting And Finance

Khas

Profesor Ramayah A/L Thurasamy

An exploratory study on cost of quality implementation in Malaysia: The case of Penang manufacturing firms

Dr Hasliza Binti Abdul Halim, Lee Hoon Tye

Total Quality Management And Business Excellence

0.387

Network collaboration and performance in the tourism sector

Julie Boey Chyaw In, Lee Wai Chow

Service Business

0.826

Dr Siti Hasnah Binti Hassan

Managing conflicting values in functional food consumption: The Malaysian experience

British Food Journal

0.784

Dr Teh Sin Yin

A robust tests based on bootstrap for the two-sample scale problem

Profesor Abdul Rahman Bin Othman, A. R. Padmanabhan

Sains Malaysiana

Khas

Sensitivity of normality tests to non-normal data

Profesor Abdul Rahman Bin Othman, Che Rohani Yaacob, Nor Aishah Ahad

Sains Malaysiana

Khas

Pusat Pengajian Perumahan Bangunan Dan Perancangan**Prof Madya Aldrin Bin Abdullah**

Validating crime prevention through environmental design construct through checklist using structural equation modelling

Prof Madya Nordin Bin Abd Razak, Massoomeh Hidayati Marzbali, Mohammad Javad Maghsoudi Tilaki

International Journal Of Law Crime And Justice

0.367

Profesor Ir Mahyuddin Bin Ramli

The imlementation of wood waste ash as a partial cement replacement material in the production of structural grade concrete and mortar: An overview

Cheah Chee Ban

Resources Conservation And Recycling

1.974

Effects of different curing regimens on engineering properties of polymer-modified mortar

Dr Amin Akhavan Tabassi

Journal Of Materials In Civil Engineering

0.677

Prof Madya Nor'Aini Binti Yusof

Factors Affecting Housing Developers' Readiness to Adopt Innovative Systems

Prof Madya Mohd Wira Bin Mohd Shafiei

Housing Studies

1.024

Pusat Pengajian Sains Farmasi**Prof Madya Amin Malik Shah Bin Abdul Majid**

Cat's whiskers tea (*Orthosiphon stamineus*) extract inhibits growth of colon tumor in nude mice and angiogenesis in endothelial cells via suppressing VEGFR phosphorylation

Profesor Zhari Bin Ismail, Abdalrahim Fa Aisha, Saleh Ms Omari, Zeyad D Nassar, Christopher Parish, Jamshed M Siddiqui, Mohamed Khadeer Ahamed Basheer

Nutrition And Cancer

2.553

Profesor Chan Kit Lam

Physico-chemical Effects of the Major Quassinoids in a Standardized Eurycoma longifolia Extract (Fr 2) on the Bioavailability and Pharmacokinetic Properties, and their Implications for Oral Antimalarial Activity
Profesor Yuen Kah Hay, Low Bin Seng, Teh Chin Hoe
Natural Product Communications
0.894

Dr Chong Chee Ping

Cefepime-associated thrombocytopenia in a critically ill patient
Lim Phin Phin, Noorizan Abdul Aziz
Pharmacy World and Science
1.037

Profesor Gam Lay Harn

Potential hydrophobic protein markers of breast cancer in malaysian chinese, malay and indian patients
Seng Liang, Manjit Singh
Cancer Biomarkers
2.418

Proteomics of human and the domestic bovine and caprine milk

Tay Eek Poei
Asia-Pacific Journal Of Molecular Biology And Biotechnology
Khas

Proteome Analysis Of Abundant Proteins Extracted From The Leaf Of Gynura Procumbens (Lour.) Merr
Hew Chow Sen
Applied Biochemistry And Biotechnology
1.879

Method development for analysis of proteins extracted from the leaves of orthosiphon aristatus

Koay Siew Yong
Journal Of Chromatography B-Analytical Technologies In The Biomedical And Life Sciences
2.971

Analysis of differentially expressed proteins in colorectal cancer using hydroxyapatite column and SDS-page
Lim Shi Rou, Gooi Boon Hui, Manjit Singh
Applied Biochemistry And Biotechnology
1.879

Chemometrics of differentially expressed proteins from colorectal cancer patients

Yeoh Lay Chin, Gooi Boon Hui, Manjit Singh, Saravanan Dharmaraj
World Journal Of Gastroenterology
2.240

Prof Madya Mohamed Azmi Bin Ahmad Hassali

A Pilot Study Evaluating the Stigma and Public Perception about the Causes of Depression and Schizophrenia
Ahmed Khan, Tahir Hussain, Tahir Mehmood Khan
Iranian Journal Of Public Health
0.321

A qualitative exploration of Malaysian cancer patients' perspectives on cancer and its treatment
Dr Aishah Binti Knight Abd Shatar, Prof Madya Asrul Akmal Bin Shafie, Maryam Farooqui, Muhammad A Farooqui, Tan B Seang
BMC Public Health
2.364

Association between Knowledge and Drug Adherence in Patients with Hypertension in Quetta, Pakistan
Prof Madya Asrul Akmal Bin Shafie, Fahad Saleem, George A Awad, Sajid Bashir
Tropical Journal Of Pharmaceutical Research
0.538

Consumer perception on generic medicines in Basrah,Iraq: Preliminary findings from a qualitative study
Adheed Khalid Sharrad
Research In Social And Administrative Pharmacy
0.695

A comparison of HIV/AIDS-related knowledge, attitudes and risk perceptions between final year medical and pharmacy students: A cross sectional study

Prof Madya Siti Amrah Bte Sulaiman, Nadeem Irfan Bukhari, Syed Imran Ahmad

Healthmed

0.331

Perceptions of Disease State Management Among Pakistani Hypertensive Patients: Findings from a Focus Group Discussion

Prof Madya Asrul Akmal Bin Shafie, Fahad Saleem, Muhammad Atif, Sajid Bashir

Tropical Journal Of Pharmaceutical Research

0.538

Perceptions of Hospital Pharmacist's Role in Pakistan's Healthcare System: A Cross-Sectional Survey

Profesor Mohamed Izham Bin Mohamed Ibrahim, Saira Azhar

Tropical Journal Of Pharmaceutical Research

0.538

Pharmacy Students' Knowledge and Perceptions About Pharmacovigilance in Malaysian Public Universities

Profesor Mohamed Izham Bin Mohamed Ibrahim, Ramadan Mohamed Elkalmi, Muhammad Abdul Hadi, Qais M. A. Efan,

Riyanto T. Widodo

American Journal Of Pharmaceutical Education

1.265

Predictors of Medication Adherence in a Hypertensive Population of Pakistan

Prof Madya Asrul Akmal Bin Shafie, Fahad Saleem, Muhammad Atif, George A Awad

Latin American Journal Of Pharmacy

0.308

Separation of prescribing and dispensing in Malaysia: A summary of arguments

Prof Madya Asrul Akmal Bin Shafie, Ooi Guat See, Saira Azhar

Research In Social And Administrative Pharmacy

0.695

Social pharmacy as a field of study: The needs and challenges in global pharmacy education

Prof Madya Asrul Akmal Bin Shafie, Profesor Mohamed Izham Bin Mohamed Ibrahim, Omar Saad Saleh Abrika, Subish

Palaian, Abduelmula Rajab Abduelkarem, Mahmoud Sa'di Al-Haddad

Research In Social And Administrative Pharmacy

0.695

Diabetes knowledge, medication adherence and glycemic control among patients with type 2 diabetes

Prof Madya Asrul Akmal Bin Shafie, Profesor Syed Azhar Bin Syed Sulaiman, Fahad Saleem, Harith KH. Al-Qazaz, Rana Al-

Nuri, Shameni Sundram

Pharmacy World and Science

1.037

Prof Madya Mohd Baidi Bin Bahari

Assessingthe resting enerasy expenditure of cancer patients in the penang general hospital

Khor Su Mee

Malaysian Journal Of Nutrition

Khas

Profesor Mohd Zaini Bin Asmawi

Development of a stepping force analgesic meter for a rat arthritic model

Prof Madya Mariam Binti Ahmad, Profesor Peh Kok Khiang, Ang Lee Fung, Elham Farsi, Elsnoussi Ali Hussin Mohamed,

Ghassan Zuhair Abdullah, Hor Sook Yee, Ibrahim Muhammad Salman, Mohd Akmal Hashim, Muthanna Fawzy Abdulkarim,

Omar Ziad Ameer, Yam Mun Fei, Delina Beh Mei Yin, Lip Yee Por, Ong Sim Ying

Sensors

1.774

Anti-angiogenic activity of Gynura segetum leaf extracts and its fractions

Prof Madya Amin Malik Shah Bin Abdul Majid, Dr Vikneswaran A/L Murugaiyah, Beh Hooi Kheng, Seow Lay Jing, Norhayati

Binti Ismail

Journal Of Ethnopharmacology

2.466

Antihyperglycemic effect of Orthosiphon stamineus Benth leaves extract and its bioassay-guided fractions

Profesor Amirin Bin Sadikun, Ali Jimale Mohamed, Elsnoussi Ali Hussian Mohamed, Omar Saad Ebrika, Yam Mun Fei

Molecules

1.988

Acute and subchronic oral toxicity of Coriolus versicolor standardized water extract in Sprague-Dawley rats

Prof Madya Mariam Binti Ahmad, Elham Farsi, Hor Sook Yee, Lim Chung Pin, Yam Mun Fei

Journal Of Ethnopharmacology

2.466

Profesor Munavvar Zubaid Bin Abdul Sattar

The effect of Cyclosporine-a on the renal vascular response to ANG II and Adrenogenic Agonist in Sprague-Dawley rat

Mohammed H Abdullah, Tan Yong Chia, Edward J Johns

Healthmed

0.331

The interaction between renin-angiotensin system and sympathetic nervous system in the peripheral vasculature of normal Sprague-Dawley rats

Kolla RI. Anand Swarup, Mohammed H Abdullah, Abdul Hye Khan, Edward J. Johns, Nor A. Abdullah

Turkish Journal Of Biology

0.857

Special focus on the role of α(1D)-adrenoceptors in the assessment of renal tubular sodium re-absorptive responses in spontaneously hypertensive rats subjected to high sodium diet.

Hassaan A. Rathore, Mohammed H Abdullah, Raisa N. Kazi, Edward J Johns, Ibrahim M. Salman, Md. A. Hye Khan, Nor A. Abdullah

Yakugaku Zasshi

0.427

Renal sympathetic nervous system hyperactivity in early streptozotocin-induced diabetic kidney disease.

Ghassan Z. Abdullah, Mun Fee Yam, Muthanna F Abdulkarim, Edward J Johns, Ibrahim M. Salman, Md. A. Hye Khan, Nor A.

Abdullah, Omar Z. Ameer

Neurourology And Urodynamics

2.903

Evidence for the role of α1A-adrenoceptor subtype in the control of renal haemodynamics in fructose-fed Sprague-Dawley rat.

Mohammed H Abdullah, Edward J Johns, Md. A. Hye Khan, Nor A. Abdullah

European Journal Of Nutrition

3.343

Profesor Peh Kok Khiang

Effect of cryoprotective agents on survival and stability of Lactobacillus acidophilus cultured in food-grade medium

Hassan Pyar

International Journal Of Dairy Technology

0.867

Herbal delivery system for treatment of obesity administration of encapsulated khat-extracts on body weight of rats

Prof Madya Yvonne Tze Fung Tan, Hesham Abdul Aziz

Obesity Research And Clinical Practice

0.621

Solubility of Drugs in Aqueous Polymeric Solution: Effect of Ovalbumin on Microencapsulation Process

Prof Madya Yvonne Tze Fung Tan, Hesham Abdul Aziz

AAPS Pharmscitech

1.211

Characterization of Oral Disintegrating Film Containing Donepezil for Alzheimer Disease

Prof Madya Yvonne Tze Fung Tan, Liew Kai Bin

AAPS Pharmscitech

1.211

Intestinal permeability studies of sulpiride incorporated into self-microemulsifying drug delivery system (SMEDDS)

Prof Madya Yusrida Binti Darwis, Ghassan Zuhair Abdullah, Muthanna Abdulkarim, Mallikarjun Chitneni, Mohammed Javed Qureshi

Pakistan Journal Of Pharmaceutical Sciences.

0.728

Dr Roziahanim Binti Mahmud

Chemical composition, antioxidant and cytotoxicity activities of the essential oils of *Myristica fragrans* and *Morinda citrifolia*

Prof Madya Amin Malik Shah Bin Abdul Majid, Puan Che Nin Binti Man, Prof Madya Sabariah Binti Ismail, Suthagar Pillai Piaru

Journal Of The Science Of Food And Agriculture

1.360

Profesor Syed Azhar Bin Syed Sulaiman

Glipizide pharmacokinetics in healthy and diabetes volunteers

Prof Madya Asrul Akmal Bin Shafie, Imran Masood, Muhammad Atif, M Qamar Uz Zaman, Mahmood Ahmad, Muhamad Asif, Najam Us Saqib, Usman Minhas

Tropical Journal Of Pharmaceutical Research

0.538

Prof Madya Yusrida Binti Darwis

Development and validation of an RP-HPLC-UV method for the determination of ondansetron in rabbit plasma: Application to a pharmacokinetic study

Dr Nurzalina Binti Abdul Karim Khan, S. Ravi

Acta Chromatographica

0.779

Formulation and Optimization of Orally Disintegrating Tablets of Sumatriptan Succinate

Dr Nurzalina Binti Abdul Karim Khan, Ravi Sheshala

Chemical And Pharmaceutical Bulletin

1.507

Formulation and In Vivo Evaluation of Ondansetron Orally Disintegrating Tablets Using Different Superdisintegrants

Dr Nurzalina Binti Abdul Karim Khan, Mallikarjun Chitneni, Ravi Sheshala

Archives Of Pharmacal Research

1.588

Prof Madya Yvonne Tze Fung Tan

Aerodynamic characterization of beclomethasone dipropionate from Beclate-50 Inhaler by HPLC-UV.

Profesor Peh Kok Kiang, Prof Madya Yusrida Binti Darwis, Mohanad Naji Sahib

Journal Of Liquid Chromatography And Related Technologies

0.953

Profesor Zhari Bin Ismail

Simultaneous determination of secondary metabolites from *Vinca rosea* plant extractives by reverse phase high performance liquid chromatography.

Noor Hafizah Saidan, Siddiqui Mohd Jamshed Ahmad

Pharmacognosy Magazine

0.432

High Performace ThinLayer Chromatography Method for Quantification of Betulinic Acid in Extracts of Leaves of *Orthosiphon stamineus* Benth.

Profesor Amrin Bin Sadikun, Khalid Hussain

Asian Journal Of Chemistry

0.247

Simultaneous Analysis of Bioactive Markers from *Orthosiphon stamineus* leaves Extracts by Reverse Phase High Performance Liquid Chromatography

Siddiqui Mohammad Jamshed Ahmad

Tropical Journal Of Pharmaceutical Research

0.538

Evaluation of Orthosiphon stamineus Aqueous Extract for In Vitro Antimycobacterial Activity and its Interaction with Isoniazid

Profesor Amirin Bin Sadikun, Prof Madya Pazilah Binti Ibrahim, Khalid Hussain, Abida Latif, Furqan K Hashmi, Syed S Hassan
Latin American Journal Of Pharmacy
0.308

The application of pattern recognition technique in metabolite fingerprinting of six different *Phyllanthus* spp.
Profesor Gam Lay Harn, Prof Madya Shaida Fariza Binti Sulaiman, Profesor Sharif Mahsufi Bin Mansor, Saravanan Dharmaraj
Spectroscopy
0.460

Prof Madya Zuraidah Binti Mohd Yusoff

Treatment Patterns and Outcomes in Management of Solid Cancer Patients Suffering from Thrombocytopenia in Penang Hospital

Prof Madya Mohamed Azmi Bin Ahmad Hassali, Prof Madya Saad Bin Othman, Bassam Abdul Rasool Hassan
Asian Pacific Journal Of Cancer Prevention: APJCP
1.240

Treatment Patterns and Outcomes in Management of Solid Cancer Patients Suffering From Anemia in Penang Hospital

Bassam Abdul Rasool Hassan
Asian Pacific Journal Of Cancer Prevention: APJCP
1.240

Genetic Polymorphisms in the Three Malaysian Races Effect Granisetron Clinical Antiemetic Actions in Breast Cancer Patients Receiving Chemotherapy

Bassam Abdul Rasool Hassan
Asian Pacific Journal Of Cancer Prevention: APJCP
1.240

Association of Neutropenia Onset and Severity with Chemotherapy Regimens and Schedules

Prof Madya Saad Bin Othman, Bassam Abdul Rasool Hassan
Asian Pacific Journal Of Cancer Prevention: APJCP
1.240

Association and Correlation of Different Chemotherapeutic Regimens and Doses With Onset and Severity of Anemia Among Solid Cancer Patients

Prof Madya Mohamed Azmi Bin Ahmad Hassali, Prof Madya Saad Bin Othman, Bassam Abdul Rasool Hassan
Asian Pacific Journal Of Cancer Prevention: APJCP
1.240

Pusat Pengajian Sains Fizik

Prof Madya Abdul Razak Bin Ibrahim

(+)-1,2-Bis(N'-benzoylthioureido)cyclohexane
Bohari M. Yamin, Juliana Jumal
Acta Crystallographica Section E: Structure Reports Online
0.413

9-(Pent-4-enyl)anthracene

Encik Mohd Mustaqim Bin Rosli, Abdulrahman I. Almansour, Natarajan Arumugam, Usama Karama
Acta Crystallographica Section E: Structure Reports Online
0.413

11-Hydroxy-9-(prop-2-en-1-yl)-9,10-dihydro-9,10-propanoanthracen-12-one

Abdulrahman I. Almansour, Natarajan Arumugam, Usama Karama, Suhana Arshad
Acta Crystallographica Section E: Structure Reports Online
0.413

Prof Madya Azlan Bin Abdul Aziz

ICP-RIE Dry Etching Using Cl₂-based on GaN (Punaran Kering ICP-RIE Berasaskan-Cl₂ pada GaN)
Profesor Md Roslan Bin Hashim, Siti Azlina Rosli
Sains Malaysiana
Khas

Profesor Fun Hoong Kun

5-Hydroxy-8,8-dimethyl-10-(2-methylbut-3-en-2-yl)-2H,6H- 7,8-dihydropyrano[3,2-g]chromene-2,6-dione

Suchada Chantrapromma, Surat Laphookhieo, Tawanun Sripisut

Acta Crystallographica Section E: Structure Reports Online

0.413

4-[2-[2-(4-Chlorobenzylidene)hydrazinylidene]-3,6-dihydro- 2H-1,3,4-thiadiazin-5-yl]-3-phenylsydnoneo

Wan-Sin Loh, Balakrishna Kalluraya, Nithinchandra

Acta Crystallographica Section E: Structure Reports Online

0.413

2-(4-Chlorophenyl)-2-oxoethyl 4-hydroxybenzoate

Tara Shahani, Arun M. Isloor, B. Garudachari, Kammasandra N. Shivananda

Acta Crystallographica Section E: Structure Reports Online

0.413

6-Fluoro-2-(4-methoxyphenyl)imidazo-[2,1-b][1,3]benzothiazole

B. K. Sarojini, B. Narayana, K. Umehsa, Madhukar Hemamalini

Acta Crystallographica Section E: Structure Reports Online

0.413

7-(4-Chlorobenzylidene)-3-[(4-chlorophenoxy)methyl]-6-(4-nitrothiophen-2-yl)-7H-1,2,4-triazolo[3,4-b][1,3,4]thiadiazine

Prof Madya Abdul Razak Bin Ibrahim, Safra Izuanji Jama Asik, Balakrishna Kalluraya, Nithinchandra

Acta Crystallographica Section E: Structure Reports Online

0.413

(2E)-3-(3-Benzylxyloxyphenyl)-1-(2-hydroxy-5-methylphenyl)prop-2-en-1-one

Suhana Arshad, B. K. Sarojini, B. Narayana, V. Musthafa Khaleel

Acta Crystallographica Section E: Structure Reports Online

0.413

4-{{(E)-(3-Phenyl-1H-pyrazol-4-yl)- methylidene}amino}-1H-1,2,4-triazole- 5(4H)-thione

Arun M. Isloor, Shridhar Malladi, Madhukar Hemamalini

Acta Crystallographica Section E: Structure Reports Online

0.413

2-Methyl-6-(trifluoromethyl)imidazo-[1,2-a]pyridine-3-carbonitrile

Encik Mohd Mustaqim Bin Rosli, D. J. Madhu Kumar, D. Jagadeesh Prasad, G. K. Nagaraja

Acta Crystallographica Section E: Structure Reports Online

0.413

5-Ethyl-2-(4-fluorophenyl)-4-phenoxy-1H-pyrazol-3(2H)-one

Tara Shahani, M. Venkatesh, R. Venkat Ragavan, V. Vijayakumar

Acta Crystallographica Section E: Structure Reports Online

0.413

4-{{[6-(4-Chlorobenzyl)-4-methyl-5-oxo-4,5-dihydro-1,2,4-triazin-3-yl]sulfanyl}-acetyl}-3-phenylsydnone

Balakrishna Kalluraya, Nithinchandra, Madhukar Hemamalini

Acta Crystallographica Section E: Structure Reports Online

0.413

3 α -Hydroxytirucalla-8,24-dien-21-oic acid

B. T. Ngadjui, P. Wafo, R. S. T. Kamdem, S. Yousuf

Acta Crystallographica Section E: Structure Reports Online

0.413

Redetermined structure, intermolecular interactions and absolute configuration of royleanone

Prof Madya Abdul Razak Bin Ibrahim, Abdul Wahab Salae, Chatchanok Karalai, Suchada Chantrapromma

Acta Crystallographica Section E: Structure Reports Online

0.413

(2E)-1-(2-Hydroxy-5-methylphenyl)-3-(4-methoxyphenyl)prop-2-en-1-one

B. K. Sarojini, B. Narayana, V. Musthafa Khaleel, Suhana Arshad

Acta Crystallographica Section E: Structure Reports Online

0.413

Cyclobenzaprinium salicylate

Chin Sing Yeap, B. Narayana, H. S. Yathirajan, M. S. Siddegowda

Acta Crystallographica Section E: Structure Reports Online

0.413

Absolute configuration of micromelin

Ittipon Siridechakorn, Suchada Chantrapromma, Surat Laphookhieo

Acta Crystallographica Section E: Structure Reports Online

0.413

2-(4-Chlorophenyl)-2-oxoethyl benzoate

Tara Shahani, Arun M. Isloor, B. Garudachari, M. N. Satyganarayan

Acta Crystallographica Section E: Structure Reports Online

0.413

N-(5-Bromopyridin-2-yl)acetamide

Tara Shahani, Arun M. Isloor, Kammassandra N. Shivananda, Rajesha Kumar

Acta Crystallographica Section E: Structure Reports Online

0.413

Redetermination of (E)-3-(anthracen-9-yl)-1-(2-hydroxyphenyl)prop-2-en-1-one1

Jaruwan Joothamongkhon, Kullapa Chanawanno, Suchada Chantrapromma, Thawanrat Kobkeatthawin

Acta Crystallographica Section E: Structure Reports Online

0.413

3-[(1-Isobutyl-1H-imidazo[4,5-c]quinolin-4-yl)amino]benzoic acid

Tara Shahani, Dinesh, G. K. Nagaraja, Reshma Kayarmar

Acta Crystallographica Section E: Structure Reports Online

0.413

2-[5-(4-Methoxyphenyl)-3-phenyl-4,5-dihydro-1H-pyrazol-1-yl]-6-methyl-1,3-benzothiazole

B. K. Sarojini, D. Munirajasekhar, M. Himaja, Suhana Arshad

Acta Crystallographica Section E: Structure Reports Online

0.413

Catena-Poly[[[triphosphine]-copper(I)]-di-μ-iodido-[(triphosphine)copper(I)]-μ-{1,2-bis[1-(pyridin-4-yl)ethylidene]hydrazine}]

Wan-Sin Loh, Anindita Mukherjee, Goutam K. Patra, Pankaj K. Pal

Acta Crystallographica Section E: Structure Reports Online

0.413

(E)-2-[4-(Diethylamino)styryl]-1-methylpyridinium 4-chlorobenzenesulfonate monohydrate

Chatchanok Karalai, Kullapa Chanawanno, Narissara Kaewmanee, Suchada Chantrapromma

Acta Crystallographica Section E: Structure Reports Online

0.413

2-Azido-1-(3,6-dichloro-9H-fluoren-1-yl)ethanone

Tze Shyang Chia, Dinesha, G. K. Nagaraja, Reshma Kayarmar

Acta Crystallographica Section E: Structure Reports Online

0.413

(E)-4-Hydroxy-N-(3-hydroxy-4-methoxybenzylidene)benzohydrazide

Jirapa Horkaew, Suchada Chantrapromma

Acta Crystallographica Section E: Structure Reports Online

0.413

4-[2-(4-Chlorophenyl)hydrazinylidene]-3-methyl-1H-pyrazol-5(4H)-one

Dr Quah Ching Kheng, Balakrishna Kalluraya, Nithinchandra

Acta Crystallographica Section E: Structure Reports Online

0.413

Ethyl 2-[2-(3-methoxyphenyl)hydrazinylidene]-3-oxobutanoate

Prof Madya Abdul Razak Bin Ibrahim, Balakrishna Kalluraya, Shobhitha Shetty, Safra Izuan Jama Asik

Acta Crystallographica Section E: Structure Reports Online

0.413

7-Chloro-3-phenylbenzo[4,5]thiazolo-[2,3-c][1,2,4]triazole*B. K. Sarojini, D. Munirajasekhar, M. Himaja, Safra Izuani Jama Asik*

Acta Crystallographica Section E: Structure Reports Online

0.413

N'-(4-Fluorobenzylidene)-2-(4-fluorophenyl) acetohydrazide*Boja Poojary, G. K. Nagaraja, V. Sumangala, Madhukar Hemamalini*

Acta Crystallographica Section E: Structure Reports Online

0.413

2-(4-Fluorophenyl)-2-oxoethyl 3-(trifluoromethyl)benzoate*Arun M. Islor, B. Garudachari, Kammasandra N. Shivananda, Suhana Arshad*

Acta Crystallographica Section E: Structure Reports Online

0.413

Ethyl 5-methyl-1-(4-nitrophenyl)-1H-1,2,3-triazole-4-carboxylate*Dr Quah Ching Kheng, Balakrishna Kalluraya, Nithinchandra*

Acta Crystallographica Section E: Structure Reports Online

0.413

3-(4-Nitrophenyl)-1H-1,2,4-triazole-5(4H)-thione*Dr Quah Ching Kheng, Balakrishna Kalluraya, Nithinchandra*

Acta Crystallographica Section E: Structure Reports Online

0.413

2-[5-Methyl-2-(propan-2-yl)phenoxy]-N0-[2-[5-methyl-2-(propan-2-yl)phenoxy]- acetyl]acetohydrazide*Dr Quah Ching Kheng, Balakrishna Kalluraya, Nithinchandra*

Acta Crystallographica Section E: Structure Reports Online

0.413

N'-(4-Chlorobenzylidene)-2-[4-(methylsulfanyl)phenyl]acetohydrazide*Boja Poojary, D. Jagadeesh Prasad, V. Sumangala, Madhukar Hemamalini*

Acta Crystallographica Section E: Structure Reports Online

0.413

2-(4-Bromophenyl)-2-oxoethyl4-hydroxybenzoate*Wan-Sin Loh, Arun M. Islor, B. Garudachari, M. N. Satyganarayan*

Acta Crystallographica Section E: Structure Reports Online

0.413

(5E)-5-(2,4-Dichlorobenzylidene)-2-(piperidin-1-yl)-1,3-thiazol-4(5H)-one*Boja Poojary, D. Jagadeesh Prasad, Prajwal L. Lobo, Madhukar Hemamalini*

Acta Crystallographica Section E: Structure Reports Online

0.413

(2E)-2-(4-Fluorobenzylidene)-hydrazinecarboxamide*Tze Shyang Chia, Arun M. Islor, Kammasandra N. Shivananda, Shridhar Malladi*

Acta Crystallographica Section E: Structure Reports Online

0.413

N-Benzyl-4-methyl-6-phenylpyrimidin-2-amine*Anita Hazra, Shyamaprosad Goswami, Madhukar Hemamalini*

Acta Crystallographica Section E: Structure Reports Online

0.413

2-(4-Chlorophenyl)-2-oxoethyl 4-methylbenzoate*Wan-Sin Loh, Arun M. Islor, B. Garudachari, M. N. Satyganarayan*

Acta Crystallographica Section E: Structure Reports Online

0.413

(E)-1-(2,4-Dichlorophenyl)-3-(1,3-diphenyl-1H-pyrazol-4-yl)prop-2-en-1-one*Dr Quah Ching Kheng, Arun M. Islor, Kammasandra N. Shivananda, Shridhar Malladi*

Acta Crystallographica Section E: Structure Reports Online

0.413

(E)-3-[3-(4-Bromophenyl)-1-phenyl-1H-pyrazol-4-yl]-1-(2,4-dichlorophenyl)- prop-2-en-1-one

Dr Quah Ching Kheng, Arun M. Isloor, Kammasandra N. Shivananda, Shridhar Malladi

Acta Crystallographica Section E: Structure Reports Online

0.413

(E)-1-(2,4-Dichlorophenyl)-3-[3-(4-methoxyphenyl)-1-phenyl-1H-pyrazol-4-yl]- prop-2-en-1-one

Dr Quah Ching Kheng, Arun M. Isloor, Raghavendra Hebbar, Shridhar Malladi

Acta Crystallographica Section E: Structure Reports Online

0.413

4-(4-Methylpiperazin-1-yl)-3-(5-phenyl-1,3,4-oxadiazol-2-yl)-7-(trifluoromethyl) quinoline

Arun M. Isloor, B. Garudachari, M. N. Satyanarayan, Suhana Arshad

Acta Crystallographica Section E: Structure Reports Online

0.413

4-(o-Tolyl)piperazin-1-ium chloride

Arun M. Isloor, B. Chandrakantha, Prakash Shetty, Safra Izuan Jama Asik

Acta Crystallographica Section E: Structure Reports Online

0.413

(E)-1-(2,4-Dinitrophenyl)-2-[1-(2-methoxyphenyl)ethylidene]hydrazine

Boonlerd Nilwanna, Patcharaporn Jansrisewangwong, Suchada Chantrapromma, Thawanrat Kobkeatthawin

Acta Crystallographica Section E: Structure Reports Online

0.413

(E)-N'-(2,3-Dihydroxybenzylidene)-4-methoxybenzohydrazide

Jirapa Horkaew, Premrudee Promdet, Suchada Chantrapromma

Acta Crystallographica Section E: Structure Reports Online

0.413

2-(4-Chlorophenyl)-2-oxoethyl 3,4-dimethoxybenzoate

Dr Quah Ching Kheng, A. M. Vijesh, Arun M. Isloor, T. Arulmoli

Acta Crystallographica Section E: Structure Reports Online

0.413

2-(4-Chloroanilino)-1-(4-chlorophenyl)-ethanone

Dr Quah Ching Kheng, A. M. Vijesh, Arun M. Isloor, T. Arulmoli

Acta Crystallographica Section E: Structure Reports Online

0.413

5-(4,4"-Difluoro-5'-hydroxy-1':3'1"-terphenyl-4'-yl)-3-(morpholin-4-ylmethyl)-1,3,4-oxadiazole-2(3H)-thione

B. K. Sarojini, B. Narayana, S. Samshuddin, Suhana Arshad

Acta Crystallographica Section E: Structure Reports Online

0.413

4-(3-Chlorophenyl)-3-[(2,6-difluorobenzyl)sulfanyl]-5-(3,4,5-trimethoxyphenyl)- 4H-1,2,4-triazole

Arun M. Isloor, B. Chandrakantha, Prakash Shetty, Safra Izuan Jama Asik

Acta Crystallographica Section E: Structure Reports Online

0.413

2-(4-Fluorophenyl)-2-oxoethyl 4-methoxybenzoate

Wan-Sin Loh, Arun M. Isloor, B. Garudachari, M. N. Satyanarayan

Acta Crystallographica Section E: Structure Reports Online

0.413

Ethyl 7-pivaloylamino-1,8-naphthyridine-2-carboxylate sesquihydrate

Anita Hazra, Shyamaprosad Goswami, Madhukar Hemamalini

Acta Crystallographica Section E: Structure Reports Online

0.413

2-(2,4-Dichlorophenyl)-2-oxoethyl 4-methoxybenzoate

Tze Shyang Chia, Arun M. Isloor, B. Garudachari, Seema Shenvi

Acta Crystallographica Section E: Structure Reports Online

0.413

Methyl 4,4"-difluoro-5"-methoxy- 1,1': 3',1"-terphenyl-4'-carboxylate*Tze Shyang Chia, B. K. Sarojini, B. Narayana, S. Samshuddin*

Acta Crystallographica Section E: Structure Reports Online

0.413

N'-(E)-(3-Phenyl-1H-pyrazol-4-yl)-methylidene]naphtho[2,1-b]furan-2- carbohydrazide monohydrate*Wan-Sin Loh, Arun M. Isloor, B. M. Ganesh, Shridhar Malladi*

Acta Crystallographica Section E: Structure Reports Online

0.413

1-Cyclohexyl-5-(4-methoxyphenyl)-1Hpyrazole-4-carboxylic acid*Dr Quah Ching Kheng, Arun M. Isloor, B. Chandrakantha, Prakash Shetty*

Acta Crystallographica Section E: Structure Reports Online

0.413

(2E)-3-(3-Bromo-4-methoxyphenyl)-1-(4,4"-difluoro-5"-methoxy-1,1': 3',1"- terphenyl-4'-yl)prop-2-en-1-one*Tara Shahani, B. K. Sarojini, B. Narayana, S. Samshuddin*

Acta Crystallographica Section E: Structure Reports Online

0.413

2-(4-Bromophenyl)-2-oxoethyl 4-methylbenzoate*Tara Shahani, Arun M. Isloor, B. Garudachari, M. N. Satygarayanan*

Acta Crystallographica Section E: Structure Reports Online

0.413

1-Isobutyl-N,N-dimethyl-1H-imidazo-[4,5-c]quinolin-4-amine*Wan-Sin Loh, G. K. Nagaraja, Reshma Kayarmar, S. Viveka*

Acta Crystallographica Section E: Structure Reports Online

0.413

Bis{2-[(E)-(4-fluorobenzyl)iminomethyl]-6-methoxyphenolato-k2N,O1}nickel(II)*Amalina Mohd Tajuddin, Hadariah Bahron, Wan Nazihah Wan Ibrahim, Madhukar Hemamalini*

Acta Crystallographica Section E: Structure Reports Online

0.413

Influence of trimethoxy-substituted positions on fluorescence of heteroaryl chalcone derivatives*Suchada Chantrapromma, Thitipone Suwunwong*

Chemical Papers

0.754

Adeninium perchlorate*Jia Hao Goh, Annada C. Maity, Shyamaprosad Goswami*

Acta Crystallographica Section E: Structure Reports Online

0.413

5-Ethyl-4-phenyl-1H-pyrazol-3(2H)-one*Wan-Sin Loh, M. Venkatesh, R. Venkat Ragavan, V. Vijayakumar*

Acta Crystallographica Section E: Structure Reports Online

0.413

4-Hydrazinyl-1-isobutyl-1H-imidazo[4,5-c]quinoline*Wan-Sin Loh, G. K. Nagaraja, Reshma Kayarmar, S. Viveka*

Acta Crystallographica Section E: Structure Reports Online

0.413

4-Chlorobenzaldehyde (1-isobutyl-1H-imidazo[4,5-c]quinolin-4-yl)hydrazone monohydrate*Wan-Sin Loh, G. K. Nagaraja, Reshma Kayarmar, S. Viveka*

Acta Crystallographica Section E: Structure Reports Online

0.413

Benzyl N-[2-[5-(4-chlorophenyl)-1,2,4-oxadiazol-3- yl]propan-2-yl]carbamate*Boja Poojary, G. K. Nagaraja, Suchada Chantrapromma, V. Sumangala*

Acta Crystallographica Section E: Structure Reports Online

0.413

2-[4-(Methylsulfonyl)phenyl]acetonitrile

Dr Quah Ching Kheng, Boja Poojary, D. Jagadeesh Prasad, V. Sumangala

Acta Crystallographica Section E: Structure Reports Online

0.413

1,3-Dimethyl-4-phenylsulfanyl-1H-pyrazol-5-ol

Tara Shahani, R. Venkat Ragavan, S. Sarveswari, V. Vijayakumar

Acta Crystallographica Section E: Structure Reports Online

0.413

(E)-1-(2-Methyl-4-phenylquinolin-3-yl)-3-phenylprop-2-en-1-one

Wan-Sin Loh, R. Prasath, S. Sarveswari, V. Vijayakumar

Acta Crystallographica Section E: Structure Reports Online

0.413

2,3-Dibromo-3-phenyl-1-(3-phenylsydnon-4-yl)propan-1-one

Balakrishna Kalluraya, Nithinchandra, Madhukar Hemamalini

Acta Crystallographica Section E: Structure Reports Online

0.413

2,3-Dibromo-3-(4-bromophenyl)-1-[3-(4-methoxyphenyl) sydnon-4-yl]propan-1-one

Balakrishna Kalluraya, Nithinchandra, Madhukar Hemamalini

Acta Crystallographica Section E: Structure Reports Online

0.413

3-(p-Tolyl)-4-{3-[(phenylamino)methyl]-7H-[1,2,4]triazolo[3,4-b][1,3,4]thiadiazin-6-yl}sydnone

Dr Quah Ching Kheng, Balakrishna Kalluraya, Nithinchandra

Acta Crystallographica Section E: Structure Reports Online

0.413

3,5-Diamino-4H-1,2,4-triazol-1-ium (6-carboxypyridine-2- carboxylato)(pyridine-2,6-dicarboxylato)cuprate(II) trihydrate

A. S. Johnson, O. E. Offiong, S. A. Kazmi, S. Yousuf

Acta Crystallographica Section E: Structure Reports Online

0.413

(2-Chloro-4-nitrobenzoato)(methanol)triphenyltin(IV)

Dr Quah Ching Kheng, Chen-Shang Choong, Sie-Tiong Ha, Yip-Foo Win

Acta Crystallographica Section E: Structure Reports Online

0.413

(2-Amino-3-nitrobenzoato- κ O)triphenyltin(IV)

Dr Quah Ching Kheng, Chen-Shang Choong, Mei-Hsuan Heng, Yip-Foo Win

Acta Crystallographica Section E: Structure Reports Online

0.413

4-(2-{{4-Amino-6-(4-nitrobenzyl)-5-oxo-4,5-dihydro-1,2,4- triazin-3-yl}sulfanyl}acetyl)-3-phenylsydnone

Encik Mohd Mustaqim Bin Rosli, Balakrishna Kalluraya, Nithinchandra

Acta Crystallographica Section E: Structure Reports Online

0.413

Diethyl 4-[2-(4-methoxyphenyl)-1H-pyrazol-3-yl]-2,6- dimethyl-1,4-dihdropyridine-3,5-dicarboxylate

A. M. Isloor, A. M. Vijesh, Shridhar Malladi, Madhukar Hemamalini

Acta Crystallographica Section E: Structure Reports Online

0.413

Bis{2-[(E)-(4-fluorobenzyl)iminomethyl]-6-methoxyphenolato} palladium(II)

Amalina Mohd Tajuddin, Hadariah Bahron, Wan Nazihah Wan Ibrahim, Madhukar Hemamalini

Acta Crystallographica Section E: Structure Reports Online

0.413

(E,E)-1,2-Bis(2,4,5-trimethoxybenzylidene)hydrazine

Chatchanok Karalai, Patcharaporn Jansrisewangwong, Suchada Chantrapromma

Acta Crystallographica Section E: Structure Reports Online

0.413

2-Oxo-2-phenylethyl benzoate

Arun M. Isloor, B. Garudachari, M. N. Satyanarayana, Suhana Arshad
Acta Crystallographica Section E: Structure Reports Online
0.413

2-(4-Bromophenyl)-2-oxoethyl 4-methoxybenzoate

Wan-Sin Loh, Arun M. Isloor, B. Garudachari, M. N. Satyanarayana
Acta Crystallographica Section E: Structure Reports Online
0.413

2-(4-Chlorophenyl)-2-oxoethyl 3-(trifluoromethyl)benzoate

Wan-Sin Loh, Arun M. Isloor, B. Garudachari, M. N. Satyanarayana
Acta Crystallographica Section E: Structure Reports Online
0.413

2-(4-Chlorophenyl)-2-oxoethyl 2,4-difluorobenzoate

Arun M. Isloor, B. Garudachari, M. N. Satyanarayana, Suhana Arshad
Acta Crystallographica Section E: Structure Reports Online
0.413

Opipramol

Wan-Sin Loh, B. Narayana, H. S. Yathirajan, M. S. Siddegowda
Acta Crystallographica Section E: Structure Reports Online
0.413

2-(4-Chlorophenyl)-2-oxoethyl 2-methoxybenzoate

Arun M. Isloor, B. Garudachari, M. N. Satyanarayana, Safra Izuan Jama Asik
Acta Crystallographica Section E: Structure Reports Online
0.413

4-[{5-(4-Chlorophenyl)-1-(4-fluorophenyl)-1H-pyrazol-3-yl]carbonyl}-N-ethylpiperazine-1-carboxamide

Tara Shahani, R. Venkat Ragavan, S. Sarveswari, V. Vijayakumar
Acta Crystallographica Section E: Structure Reports Online
0.413

(E)-1-(4-Aminophenyl)-3-(pyridin-3-yl)prop-2-en-1-one

Kullapa Chanawanno, Pitikan Wisitsak, Suchada Chantrapromma, Thawanrat Kobkeatthawin
Acta Crystallographica Section E: Structure Reports Online
0.413

Diethyl 4-[5-(biphenyl-4-yl)-1H-pyrazol-4-yl]-2,6-dimethyl-1,4-dihydropyridine-3,5-dicarboxylate ethanol monosolvate

A. M. Vijesh, Arun M. Isloor, T. Arulmoli, Madhukar Hemamalini
Acta Crystallographica Section E: Structure Reports Online
0.413

(E)-2-(4-Hydroxy-3-methoxybenzylidene) hydrazinecarboxamide

Chin Sing Yeap, Arun M. Isloor, Shridhar Malladi
Acta Crystallographica Section E: Structure Reports Online
0.413

Glycozolidal

Suchada Chantrapromma, Surat Laphookhieo, Wisanu Maneerat
Acta Crystallographica Section E: Structure Reports Online
0.413

Methyl (2Z)-2-(2-fluoro-4-methoxybenzylidene)-5-(4-methoxyphenyl)-7-methyl-3-oxo-2,3-dihydro-5H-[1,3]thiazolo[3,2-a]pyrimidine-6-carboxylate

Wan-Sin Loh, B. K. Sarojini, B. Narayana, K. Umehsa
Acta Crystallographica Section E: Structure Reports Online
0.413

9-(4-Hydroxyphenyl)-3,3,6,6-tetramethyl-4,5,6,9-tetrahydro-3H-xanthene-1,8(2H,7H)-dione

Wan-Sin Loh, K. Rajesh, S. Sarveswari, V. Vijayakumar
Acta Crystallographica Section E: Structure Reports Online
0.413

(5E)-5-(4-Methoxybenzylidene)-2-(piperidin-1-yl)-1,3-thiazol-4(5H)-one

Chin Sing Yeap, Boja Poojary, D. Jagadeesh Prasad, Prajwal L. Lobo

Acta Crystallographica Section E: Structure Reports Online

0.413

3-[1-[4-(2-Methylpropyl)phenyl]ethyl]-4-phenyl-1H-1,2,4-triazole-5(4H)-thione

Chin Sing Yeap, Boja Poojary, D. Jagadeesh Prasad, K. Manjunath

Acta Crystallographica Section E: Structure Reports Online

0.413

(1E,1'E)-4,4'-[1,1'-(Hydrazine-1,2-diylidene)bis(ethan-1-yl-1-ylidene)]diphenol dihydrate

Kullapa Chanawanno, Patcharaporn Jansrisewangwong, Suchada Chantrapromma

Acta Crystallographica Section E: Structure Reports Online

0.413

(Z)-Ethyl 2-cyano-2-{2-[5,6-dimethyl-4-(thiophen-2-yl)-1H-pyrazolo[3,4-b]pyridin-3-yl]hydrazinylidene}acetate

Hatem A. Abdel-Aziz, Tarek Aboul-Fadl, Madhukar Hemamalini

Acta Crystallographica Section E: Structure Reports Online

0.413

1-(tert-Butoxycarbonyl)piperidine-4-carboxylic acid

Dinesh, G. K. Nagaraja, S. Vivek, Suhana Arshad

Acta Crystallographica Section E: Structure Reports Online

0.413

(E)-1-(2-Aminophenyl)-3-(3,4,5-trimethoxyphenyl)prop-2-en-1-one

Pumsak Ruanwas, Suchada Chantrapromma

Acta Crystallographica Section E: Structure Reports Online

0.413

3-Methyl-5-phenoxy-1-phenyl-1H-pyrazole-4-carbaldehyde

Tara Shahani, Balakrishna Kalluraya, Shobhitha Shetty

Acta Crystallographica Section E: Structure Reports Online

0.413

(E)-4-[(3-Propyl-5-sulfanylidene-4,5-dihydro-1H-1,2,4-triazol-4-yl)imino]methyl}-3-(p-tolyl)-1,2,3-oxadiazol-3-ium- 5-olate

Dr Quah Ching Kheng, Balakrishna Kalluraya, Nithinchandra

Acta Crystallographica Section E: Structure Reports Online

0.413

3-Benzyl-2-phenyl-1,3-thiazolidin-4-one

Alagusundaram Ponnuswamy, Poovan Shanmugavelan, Rathinavel Jagatheesan, Madhukar Hemamalini

Acta Crystallographica Section E: Structure Reports Online

0.413

N-(4-Bromophenyl)-2-(naphthalen-1-yl)acetamide

Dr Quah Ching Kheng, B. K. Sarojini, B. Narayana, Prakash S. Nayak

Acta Crystallographica Section E: Structure Reports Online

0.413

N-Butyl-4,6-diphenylpyrimidin-2-amine

Anita Hazra, Shyamaprosad Goswami, Madhukar Hemamalini

Acta Crystallographica Section E: Structure Reports Online

0.413

(2E)-1-(2,5-Dimethoxyphenyl)-3-(3-nitrophenyl)prop-2-en-1-one

Tze Shyang Chia, B. K. Sarojini, B. Narayana, Prakash S. Nayak

Acta Crystallographica Section E: Structure Reports Online

0.413

4-[(2,4-Difluorophenyl)hydrazinylidene]-3-methyl-5-oxo-4,5- dihydro-1H-pyrazole-1-carbothioamide

Prof Madya Abdul Razak Bin Ibrahim, Balakrishna Kalluraya, Shobhitha Shetty, Safra Izuan Jama Asik

Acta Crystallographica Section E: Structure Reports Online

0.413

2-(4-Bromophenyl)-2-oxoethyl 2-methylbenzoate*Chin Wei Ooi, Arun M. Isloor, B. Garudachari, M. N. Satyanarayan*

Acta Crystallographica Section E: Structure Reports Online

0.413

(E)-1-(4,4"-Difluoro-5'-methoxy-1,1': 3'1"-terphenyl-4'-yl)-3- (6-methoxynaphthalen-2-yl)prop-2-en-1-one*B. K. Sarojini, B. Narayana, S. Samshuddin, Madhukar Hemamalini*

Acta Crystallographica Section E: Structure Reports Online

0.413

1,5-Bis(thiophen-2-yl)-3-(2,4,5-trimethoxyphenyl)pentane- 1,5-dione*Nawong Boonnak, Suchada Chantrapromma, Thitipone Suwunwong*

Acta Crystallographica Section E: Structure Reports Online

0.413

(E)-1-[1-(2-Chlorophenyl)ethylidene]-2-(2,4-dinitrophenyl) hydrazine*Boonlerd Nilwanna, Patcharaporn Jansrisewangwong, Suchada Chantrapromma, Thawanrat Kobkeatthawin*

Acta Crystallographica Section E: Structure Reports Online

0.413

(E)-N'-(3-Hydroxy-4-methoxybenzylidene)-4-methoxybenzohydrazide*Chatchanok Karalai, Jirapa Horkaew, Premrudee Promdet, Suchada Chantrapromma*

Acta Crystallographica Section E: Structure Reports Online

0.413

5-(4-Methoxyphenyl)-3-(pyridin-2-yl)-4,5-dihydro-1H-pyrazole- 1-carbothioamide*Phonpawee Nonthason, Suchada Chantrapromma, Thitipone Suwunwong*

Acta Crystallographica Section E: Structure Reports Online

0.413

1-(6-Fluoro-1,3-benzothiazol-2-yl)-3-phenyl-1H-pyrazole-4- carbaldehyde*Chin Wei Ooi, B. K. Sarojini, D. Munirajasekhar, M. Himaja*

Acta Crystallographica Section E: Structure Reports Online

0.413

Ethyl 1-cyclohexyl-5-(4-methoxyphenyl)-1H-pyrazole-4- carboxylate*Dr Quah Ching Kheng, A. M. Isloor, B. Chandrakantha, Prakash Shetty*

Acta Crystallographica Section E: Structure Reports Online

0.413

4-(1,3-Diphenyl-4,5-dihydro-1H-pyrazol-5-yl)-1,3-diphenyl- 1H-pyrazole*Tze Shyang Chia, Arun M. Isloor, Kammasandra N. Shivananda, Shridhar Malladi*

Acta Crystallographica Section E: Structure Reports Online

0.413

3-Isobutyl-4-phenylsulfanyl-1H-pyrazol-5-ol*Tara Shahani, R. Venkat Ragavan, S. Sarveswari, V. Vijayakumar*

Acta Crystallographica Section E: Structure Reports Online

0.413

Absolute configuration of (2S)-4-(4-hydroxyphenyl)butan-2-ol*I. Khan, S. G. Musharraf, S. Yousuf, Samiullah*

Acta Crystallographica Section E: Structure Reports Online

0.413

4-({[4-Amino-6-(p-bromobenzyl)-5-oxo-4,5-dihydro-1,2,4- triazin-3-yl]sulfanyl}acetyl)-3-phenylsydnone*Dr Quah Ching Kheng, Balakrishna Kalluraya, Nithinchandra*

Acta Crystallographica Section E: Structure Reports Online

0.413

(1S*,4'S*,5R*)-1-Isopropyl-5-methoxy-2'3-dimethyl-4,6-dioxa-2-azaspiro[bicyclo[3.2.0]hept-2-ene-7,4'- isoquinoline]- 1'3'(2'H,4'H)-dione*Dr Quah Ching Kheng, Chengmei Huang, Haitao Yu*

Acta Crystallographica Section E: Structure Reports Online

0.413

(1S*,4'S*,5R*)-1-Isobutyl-5-methoxy-2',3-dimethyl-4,6-dioxa- 2-azaspiro[bicyclo[3.2.0]hept-2-ene-7,4'-isoquinoline]-1',3'(2'H,4'H)-dione

Dr Quah Ching Kheng, Chengmei Huang, Haitao Yu
Acta Crystallographica Section E: Structure Reports Online
0.413

1-Benzyl-5-methoxy-2',3-dimethyl-4,6-dioxa-2-azaspiro- [bicyclo[3.2.0]hept-2-ene-7,4'-isoquinoline]-1',3'(2'H,4'H)- dione

Dr Quah Ching Kheng, Chengmei Huang, Haitao Yu
Acta Crystallographica Section E: Structure Reports Online
0.413

5-Methoxy-1,2',3-trimethyl-4,6-dioxa-2-azaspiro[bicyclo- [3.2.0]hept-2-ene-7,4'-isoquinoline]-1',3'(2'H,4'H)-dione

Dr Quah Ching Kheng, Chengmei Huang, Haitao Yu
Acta Crystallographica Section E: Structure Reports Online
0.413

Methyl 2-acetamido-2-(4-hydroxy-2-methyl-1,3-dioxo- 1,2,3,4-tetrahydroisoquinolin-4-yl)-4-methylpentanoate

Dr Quah Ching Kheng, Kai Xu, Yan Zhang
Acta Crystallographica Section E: Structure Reports Online
0.413

2-(4-Bromophenyl)-2-oxoethyl 2-methoxybenzoate

Dr Quah Ching Kheng, Arun M. Isloor, B. Garudachari, M. N. Satyanarayan
Acta Crystallographica Section E: Structure Reports Online
0.413

N-[(E)-4-Chlorobenzylidene]-2,4-dimethylaniline

Dr Quah Ching Kheng, D. J. Madhukumar, D. Jagadeesh Prasad, S. Viveka
Acta Crystallographica Section E: Structure Reports Online
0.413

2-[(E)-(2,4-Dimethylphenyl)iminomethyl]phenol

Dr Quah Ching Kheng, D. J. Madhukumar, G. K. Nagaraja, S. Viveka
Acta Crystallographica Section E: Structure Reports Online
0.413

2-[(E)-(2,4,6-Trichlorophenyl)iminomethyl]phenol

Dr Quah Ching Kheng, D. J. Madhukumar, G. K. Nagaraja, S. Viveka
Acta Crystallographica Section E: Structure Reports Online
0.413

3,5-Diamino-4H-1,2,4-triazol-1-ium hydroxonium bis(pyridine-2,6-dicarboxylato)cobaltate(II) pyridine-2,6-dicarboxylic acid monohydrate

A. S. Johnson, S. A. Kazmi, S. Yousuf, Madhukar Hemamalini
Acta Crystallographica Section E: Structure Reports Online
0.413

Sonochemical synthesis and characterization of a nanostructured 3-D lead(II) coordination polymer with 4-methoxybenzoyltrifluoroacetone

Ali Morsali, Farzin Marandi, Vahid Safarifard
Journal Of Coordination Chemistry
1.932

N-(2-Chlorophenyl)-2-{5-[4-(methylsulfanyl)benzyl]-4- phenyl-4H-1,2,4-triazol-3-yl}sulfanyl)acetamide

Chin Sing Yeap, Baja Poojary, D. Jagadeesh Prasad, K Manjunath
Acta Crystallographica Section E: Structure Reports Online
0.413

Methyl 2,2'-dimethyl-4'-[2-(methylsulfanyl)ethyl]-1,3-dioxo-2,3-dihydro- 1H,4'H-spiro[isoquinoline-4,5'-oxazole]-4'-carboxylate

Dr Quah Ching Kheng, Chengmei Huang, Haitao Yu
Acta Crystallographica Section E: Structure Reports Online
0.413

(E)-1-(Pyridin-2-yl)-3-(3,4,5-trimethoxyphenyl)prop-2-en-1-one

Suchada Chantrapromma, Thitipone Suwunwong
Acta Crystallographica Section E: Structure Reports Online
0.413

Ethyl 2-[2-(2-methoxyphenyl)hydrazinylidene]-3-oxobutanoate]

Balakrishna Kalluraya, Shobhitha Shetty, Madhukar Hemamalini
Acta Crystallographica Section E: Structure Reports Online
0.413

4-[2-(4-Bromophenyl)hydrazinylidene]-3-methyl-5-oxo-4,5-dihydro-1Hpyrazole- 1-carbothioamide

Balakrishna Kalluraya, Shobhitha Shetty, Madhukar Hemamalini
Acta Crystallographica Section E: Structure Reports Online
0.413

2,3-Dibromo-3-(4-chlorophenyl)-1-(2-hydroxyphenyl)propan-1-one

Wan-Sin Loh, B. K. Sarojini, B. Narayana, V. Musthafa Khaleel
Acta Crystallographica Section E: Structure Reports Online
0.413

(E)-1-(1-Benzyl-5-methyl-1H-1,2,3-triazol-4-yl)-3-phenylprop-2-en-1-one

Alagusundaram Ponnuswamy, Poovan Shanmugavelan, Rathinavel Jagatheesan, Madhukar Hemamalini
Acta Crystallographica Section E: Structure Reports Online
0.413

4-[2-(2-Methoxyphenyl)hydrazinylidene]-3-methyl-5-oxo-4,5-dihydro-1Hpyrazole- 1-carbothioamide

Balakrishna Kalluraya, Shobhitha Shetty, Suhana Arshad
Acta Crystallographica Section E: Structure Reports Online
0.413

4-[2-(4-Chlorophenyl)hydrazinylidene]-3-methyl-5-oxo-4,5-dihydro-1Hpyrazole- 1-carbothioamide

Balakrishna Kalluraya, Shobhitha Shetty, Suhana Arshad
Acta Crystallographica Section E: Structure Reports Online
0.413

N-(3,5-Dichlorophenyl)-2-(naphthalen-1-yl)acetamide

Dr Quah Ching Kheng, B. K. Sarojini, B. Narayana, Prakash S. Nayak
Acta Crystallographica Section E: Structure Reports Online
0.413

(1E,2E)-1,2-Bis[1-(3-chlorophenyl)ethylidene]hydrazine

Chatchanok Karalai, Patcharaporn Jansrisewangwong, Suchada Chantrapromma
Acta Crystallographica Section E: Structure Reports Online
0.413

6-(4-Chlorophenyl)-2-isobutylimidazo-[2,1-b][1,3,4]thiadiazole

D. Jagadeesh Prasad, G. K. Nagaraja, V. V. Anitha, Madhukar Hemamalini
Acta Crystallographica Section E: Structure Reports Online
0.413

2,6-Dichloro-3-nitropyridine

Arun M. Isloor, B. Chandrakantha, Prakash Shetty, Suhana Arshad
Acta Crystallographica Section E: Structure Reports Online
0.413

3-(4-Bromophenyl)-5-[4-(dimethylamino)phenyl]-4,5-dihydro-1H-pyrazole- 1-carbothioamide

Suchada Chantrapromma, Thitipone Suwunwong
Acta Crystallographica Section E: Structure Reports Online
0.413

1-Methyl-2-[(E)-2,4,5-trimethoxystyryl]-pyridinium 4-methoxybenzenesulfonate monohydrate

Charoensak Mueangkeaw, Pumsak Ruanwas, Suchada Chantrapromma
Acta Crystallographica Section E: Structure Reports Online
0.413

4-[2-(2-Benzylidenehydrazinylidene)-3,6-dihydro-2H-1,3,4-thiadiazin-5-yl]- 3-(4-methoxyphenyl)sydnone

Balakrishna Kalluraya, Nithinchandra, Madhukar Hemamalini

Acta Crystallographica Section E: Structure Reports Online

0.413

A cocrystal of 3 α -hydroxytirucalla-8,24-diene-21-oic acid and 3 β -fluorotirucalla- 7,24-diene-21-oic acid (0.897: 0.103)

B. T. Ngadjui, P. Wafo, R. S. T. Kamdem, S. Yousuf

Acta Crystallographica Section E: Structure Reports Online

0.413

(E)-1-(2,4-Dinitrophenyl)-2-[1-(thiophen-2-yl)ethylidene]hydrazine

Patcharaporn Jansrisewangwong, Suchada Chantrapromma

Acta Crystallographica Section E: Structure Reports Online

0.413

1,1'-Bis(4-fluorophenyl)-3,3'-diisobutyl-4,4'-diphenoxy-1H,1'H-4,4'-bipyrazole- 5,5'(4H,4'H)-dione

M. Venkatesh, R. Venkat Ragavan, V. Vijayakumar, Madhukar Hemamalini

Acta Crystallographica Section E: Structure Reports Online

0.413

(E)-1-(4-Aminophenyl)-3-(naphthalen-2-yl)prop-2-en-1-one

Nisakorn Saewan, Suchada Chantrapromma, Thawanrat Kobkeatthawin

Acta Crystallographica Section E: Structure Reports Online

0.413

4-{2-[2-(4-Chlorobenzylidene)hydrazinylidene]-3,6-dihydro-2H-1,3,4-thiadiazin-5-yl}-3-(4-methoxyphenyl) sydnone

Wan-Sin Loh, Balakrishna Kalluraya, Nithinchandra

Acta Crystallographica Section E: Structure Reports Online

0.413

4-(2-{2-[2-(2-Nitro-1H-imidazol-1-yl)-ethoxy]ethoxy}ethoxy)benzaldehyde

Da-Hai Zhang, Shu-Xian Li, Madhukar Hemamalini

Acta Crystallographica Section E: Structure Reports Online

0.413

2-[(E)-(2,4-Dihydroxybenzylidene)-azaniumyl]-3-phenylpropanoate

Fatimatuzzahraa Mohd Fadzel, Hadariah Bahron, Karimah Kassim, Madhukar Hemamalini

Acta Crystallographica Section E: Structure Reports Online

0.413

(E)-3-[4-(Dimethylamino)phenyl]-1-(2-methyl-4-phenylquinolin-3-yl)prop-2-en-1-one 0.7-hydrate

Wan-Sin Loh, R. Prasath, S. Sarveswari, V. Vijayakumar

Acta Crystallographica Section E: Structure Reports Online

0.413

4-Acetyl-3-(p-anisyl)sydnone

Wan-Sin Loh, Balakrishna Kalluraya, Nithinchandra

Acta Crystallographica Section E: Structure Reports Online

0.413

Methyl 4'-isobutyl-2,2'-dimethyl-1,3-dioxo-2,3-dihydro-1H,4'H-spiro[isoquinoline- 4,5'-oxazole]-4'-carboxylate

Dr Quah Ching Kheng, Kai Xu, Yan Zhang

Acta Crystallographica Section E: Structure Reports Online

0.413

Methyl 4'-benzyl-2,2'-dimethyl-1,3-dioxo-2,3-dihydro-1H,4'H-spiro[isoquinoline- 4,5'-oxazole]-4'-carboxylate

Dr Quah Ching Kheng, Chengmei Huang, Haitao Yu

Acta Crystallographica Section E: Structure Reports Online

0.413

2-(4-Bromophenyl)-2-oxoethyl 4-bromobenzoate

Arun M. Isloor, B. Garudachari, M. N. Satyanarayan, Suhana Arshad

Acta Crystallographica Section E: Structure Reports Online

0.413

4-(Morpholin-4-yl)-3-(trifluoromethyl)benzonitrile*Arun M. Isloor, K. N. Shivananda, Rajesha Kumar, Safra Izuan Jama Asik*

Acta Crystallographica Section E: Structure Reports Online

0.413

2-(4-Bromophenyl)-2-oxoethyl 4-chlorobenzoate*Chin Sing Yeap, Arun M. Isloor, B. Garudachari, M. N. Satyanarayan*

Acta Crystallographica Section E: Structure Reports Online

0.413

4-(4-Chlorophenyl)-4-hydroxypiperidinium 2-(2-phenylethyl)benzoate*B. Narayana, B. P. Siddaraju, H. S. Yathirajan, Madhukar Hemamalini*

Acta Crystallographica Section E: Structure Reports Online

0.413

Melitracenium chloride*B. Narayana, H. S. Yathirajan, M. S. Siddegowda, Madhukar Hemamalini*

Acta Crystallographica Section E: Structure Reports Online

0.413

(2E)-3-(1,3-Diphenyl-1H-pyrazol-4-yl)-1-phenylprop-2-en-1-one*Arun M Isloor, Pradeep Poojari, Shridhar Malladi, Madhukar Hemamalini*

Acta Crystallographica Section E: Structure Reports Online

0.413

(E)-1-(2,4-Dinitrophenyl)-2-[1-(2-nitrophenyl)ethylidene]hydrazine*Boonlerd Nilwanna, Patcharaporn Jansrisewangwong, Suchada Chantrapromma*

Acta Crystallographica Section E: Structure Reports Online

0.413

(E)-1-(1-Benzyl-5-methyl-1H-1,2,3-triazol-4-yl)-3-(4-fluorophenyl)prop-2-en-1-one*Alagusundaram Ponnuswamy, Poovan Shanmugavelan, Rathinavel Jagatheesan, Madhukar Hemamalini*

Acta Crystallographica Section E: Structure Reports Online

0.413

3-Benzyl-2-(furan-2-yl)-1,3-thiazolidin-4-one*Alagusundaram Ponnuswamy, Poovan Shanmugavelan, Rathinavel Jagatheesan, Madhukar Hemamalini*

Acta Crystallographica Section E: Structure Reports Online

0.413

(2E)-1-(Pyridin-2-yl)-3-(2,4,6-trimethoxyphenyl)prop-2-en-1-one*Suchada Chantrapromma, Thitipone Suwunwong*

Acta Crystallographica Section E: Structure Reports Online

0.413

(E)-1-(Thiophen-2-yl)-3-(2,4,6-trimethoxyphenyl)prop-2-en-1-one*Chatchanok Karalai, Suchada Chantrapromma, Teerasak Anantapong, Thitipone Suwunwong*

Acta Crystallographica Section E: Structure Reports Online

0.413

2,3-Dibromo-3-(5-nitro-2-furyl)-1-phenylpropan-1-one*Tara Shahani, Balakrishna Kalluraya, Nithinchandra*

Acta Crystallographica Section E: Structure Reports Online

0.413

2-Phenyl-2,3-dihydrophenanthro-[9,10-b][1,4]dioxine*Dr Quah Ching Kheng, Dongdong Wu, Yan Zhang*

Acta Crystallographica Section E: Structure Reports Online

0.413

(E)-2-[4-(Diethylamino)styryl]-1-methylpyridinium benzenesulfonate monohydrate*Kullapa Chanawanno, Narissara Kaewmanee, Suchada Chantrapromma*

Acta Crystallographica Section E: Structure Reports Online

0.413

2-(2-Hydroxy-3-methoxyphenyl)-6H perimidin-6-one

Kullapa Chanawanno, Suchada Chantrapromma

Acta Crystallographica Section E: Structure Reports Online

0.413

3-Methyl-5-oxo-4-(2-phenylhydrazinylidene)-4,5-dihydro-1H-pyrazole-1-carbothioamide

Prof Madya Abdul Razak Bin Ibrahim, Balakrishna Kalluraya, Shobhitha Shetty, Safra Izuan Jama Asik

Acta Crystallographica Section E: Structure Reports Online

0.413

4-{(Z)-2-[{(E)-Benzylidenehydrazinylidene]-3,6-dihydro-2H-1,3,4-thiadiazin-5-yl}-3-phenyl-1,2,3-oxadiazol-3-ium-5-olate}

Dr Quah Ching Kheng, Balakrishna Kalluraya, Nithinchandra

Acta Crystallographica Section E: Structure Reports Online

0.413

(2E)-3-[3-(Benzylxy)phenyl]-1-(2-hydroxyphenyl)prop-2-en-1-one

Wan-Sin Loh, B. K. Sarojini, B. Narayana, V. Musthafa Khaleel

Acta Crystallographica Section E: Structure Reports Online

0.413

Redetermination and absolute configuration of pruniflorone M monohydrate

Chatchanok Karalai, Kan Chantrapromma, Nawong Boonnak, Suchada Chantrapromma

Acta Crystallographica Section E: Structure Reports Online

0.413

(E)-2-[4-(Dimethylamino)styryl]-1-methylpyridinium triiodide

Kullapa Chanawanno, Suchada Chantrapromma

Acta Crystallographica Section E: Structure Reports Online

0.413

(E)-4-Phenylbutan-2-one oxime

Wan-Sin Loh, Dinesha, G. K. Nagaraja, Reshma Kayarmar

Acta Crystallographica Section E: Structure Reports Online

0.413

2-(5-Bromopyridin-3-yl)-5-[3-(4,5,6,7-tetrahydrothieno[3,2-c]pyridine-5-ylsulfonyl)thiophen-2-yl]-1,3,4-oxadiazole

A. M. Isloor, Prakash Shetty, Sankappa Rai, Madhukar Hemamalini

Acta Crystallographica Section E: Structure Reports Online

0.413

2-(Biphenyl-4-yl)-5-[3-(4,5,6,7-tetrahydrothieno[3,2-c]pyridine-5-ylsulfonyl)thiophen-2-yl]-1,3,4-oxadiazole

A. M. Isloor, Prakash Shetty, Sankappa Rai, Madhukar Hemamalini

Acta Crystallographica Section E: Structure Reports Online

0.413

Octabutylbis[μ₂-4-(diethylamino)benzoato-κO: O']bis[4-(diethylamino)benzoato-κO]di-μ₃-oxido-tetratin(IV)

Chin Sing Yeap, Chen-Shang Choong, Sie-Tiong Ha, Yip-Foo Win

Acta Crystallographica Section E: Structure Reports Online

0.413

1-{4-Chloro-2-[2-(2-fluorophenyl)-1,3-dithiolan-2-yl]phenyl}-2-methyl-1Himidazole- 5-carbaldehyde

Boja Poojary, G. K. Nagaraja, Suchada Chantrapromma, V. Sumangala

Acta Crystallographica Section E: Structure Reports Online

0.413

1-Isobutyl-4-methoxy-1H-imidazo-[4,5-c]quinoline

Wan-Sin Loh, Dinesha, G. K. Nagaraja, Reshma Kayarmar

Acta Crystallographica Section E: Structure Reports Online

0.413

Bis(4-fluoroanilinium) sulfate

Dinesha, G. K. Nagaraja, Sandeep Laxmeshwar, Suhana Arshad

Acta Crystallographica Section E: Structure Reports Online

0.413

(E)-1-(3,4-Dimethoxyphenyl)-3-[4-(methylsulfanyl)phenyl]prop-2-en-1-one

Bojapoojary, D. Jagadeesh Prasad, Prajwal L. Lobo, Safra Izuan Jama Asik

Acta Crystallographica Section E: Structure Reports Online

0.413

Methyl pyrido[2,3-b]pyrazine-3-carboxylate

Anita Hazra, Shyamaprosad Goswami, Madhukar Hemamalini

Acta Crystallographica Section E: Structure Reports Online

0.413

Synthesis and characterization of lead(II) complexes with substituted 2,2'-bipyridines, trifluoroacetate, and furoyltrifluoroacetone

Farzin Marandi, Maryam Khosravi, Saeideh Hosseini, Zahra Nikpey, Madhukar Hemamalini

Journal Of Coordination Chemistry

1.932

Synthesis of New Complexes of Cadmium(II) with 3-(2-Pyridyl)-5,6-diphenyl-1,2,4-triazine Ligand: Study of the Effect of Weak Interactions on their Crystal Packing

Dr Quah Ching Kheng, Farzin Marandi

Synthesis And Reactivity In Inorganic Metal-Organic And Nano-Metal Chemistry

0.504

Facile synthesis of spiroisoquinolines based on photocycloaddition of isoquinoline-1,3,4-trione with oxazoles

Chengmei Huang, Haitao Yu, Jianhua Xu, Jie Zhou, Shuai Wang, Yan Zhang, Zhengrui Miao

Organic And Biomolecular Chemistry

3.451

Temperature Dependent Order-disorder Multiple Phase Transitions Studies of the Hexamethylenetetraminium P-nitrobenzoate Crystal

Prof Madya Ong Lye Hock, Dr Quah Ching Kheng

Journal Of Molecular Structure

1.599

Potential anti-inflammatory diterpenes from *Premna obtusifolia**Abdul-Wahab Salae, Akkharawit Kanjana-Opas, Apinya Rodjun, Chanita Ponglimanont, Chatchanok Karalai, Suchada Chantrapromma, Supinya Tewtrakul*

Tetrahedron

3.011

(E)-1-(2-Hydroxyphenyl)-3-(2,4,5-trimethoxyphenyl)prop-2-en-1-one

Kullapa Chanawanno, Pitikan Wisitsak, Suchada Chantrapromma, Thitipone Suwunwong

Acta Crystallographica Section E: Structure Reports Online

0.413

[μ -Bis(di-o-tolylphosphanyl)methane-1:2 κ^2 P: P']decacarbonyl-1 κ^3 C,2 κ^3 C,3 κ 4C-triangulo-triruthenium(0)-methanol (8/1)*Datuk Profesor Omar Bin Shawkataly, Chin Sing Yeap, H. A. Hafiz Malik, Imthyaz Ahmed Khan*

Acta Crystallographica Section E: Structure Reports Online

0.413

[μ -Bis(di-o-tolylphosphanyl)methane-1:2 κ^2 P: P']nonacarbonyl-1 κ^3 C,2 κ^3 C,3 κ^3 C-[diphenyl(phenylsulfanyl)methyl]phosphane-3 κ P]-triangulo-triruthenium(0) dichloromethane 0.25-solvate*Datuk Profesor Omar Bin Shawkataly, Chin Sing Yeap, H. A. Hafiz Malik, Imthyaz Ahmed Khan*

Acta Crystallographica Section E: Structure Reports Online

0.413

Undecacarbonyl-1 κ 3C,2 κ 4C,3 κ 4C-(triethyl phosphite-1 κ P)-triangulo-triruthenium(0)*Datuk Profesor Omar Bin Shawkataly, Chin Sing Yeap, Mohd. Gulam Alam*

Acta Crystallographica Section E: Structure Reports Online

0.413

[μ -1,6-Bis(diphenylarsanyl)hexane]bis[chloridogold(I)]*Datuk Profesor Omar Bin Shawkataly, Chin Sing Yeap, Abu Tariq Malick, Imthyaz Ahmad Khan*

Acta Crystallographica Section E: Structure Reports Online

0.413

trans-Tetracarbonylbis[tris(3-fluorophenyl)phosphane]chromium(0)

Encik Mohd Mustaqim Bin Rosli, Datuk Profesor Omar Bin Shawkataly, M. N. Norlidah, M. Y. Yazid

Acta Crystallographica Section E: Structure Reports Online

0.413

Tris(biphenyl-4-yl)arsane

Datuk Profesor Omar Bin Shawkataly, Chin Sing Yeap, Siti Syaida Sirat, Imthyaz Ahmed Khan

Acta Crystallographica Section E: Structure Reports Online

0.413

Bis[bis(2-methylphenyl)phosphanyl]methane

Datuk Profesor Omar Bin Shawkataly, Chin Sing Yeap, H. A. Hafiz Malik, Imthyaz Ahmed Khan

Acta Crystallographica Section E: Structure Reports Online

0.413

[μ -Bis(diphenylarsanyl)methane-1: 2 κ^2 As: As']nonacarbonyl- 1 κ^3 C,2 κ^3 C,3 κ^3 C-[tris(biphenyl-4-yl)arsane-3 κ As]-triangulo-triruthenium(0)

Datuk Profesor Omar Bin Shawkataly, Chin Sing Yeap, Siti Syaida Sirat, Imthyaz Ahmed Khan

Acta Crystallographica Section E: Structure Reports Online

0.413

[μ -Bis(diphenylphosphanyl)methane-1: 2 κ^2 P: P']nonacarbonyl- 1 κ^3 C,2 κ^3 C,3 κ^3 C-[tris(biphenyl-4-yl)arsane-3 κ As]-triangulo-triruthenium(0)

Datuk Profesor Omar Bin Shawkataly, Chin Sing Yeap, Siti Syaida Sirat, Imthyaz Ahmed Khan

Acta Crystallographica Section E: Structure Reports Online

0.413

[μ -Bis(diphenylphosphanyl)ethane-1: 2 κ^2 P: P']nonacarbonyl- 1 κ^3 C,2 κ^3 C,3 κ^3 C-[tris(4-(methoxyphenyl)arsane-3 κ As)-triangulo-triruthenium(0) chloroform monosolvate

Datuk Profesor Omar Bin Shawkataly, Chin Sing Yeap, Siti Syaida Sirat, Imthyaz Ahmed Khan

Acta Crystallographica Section E: Structure Reports Online

0.413

[μ -Bis(diphenylphosphanyl)ethane-1: 2 κ^2 P: P']nonacarbonyl- 1 κ^3 C,2 κ^3 C,3 κ^3 C-(triphenylstibine-3 κ Sb)-triangulo-triruthenium(0)

Datuk Profesor Omar Bin Shawkataly, Chin Sing Yeap, Siti Syaida Sirat, Imthyaz Ahmed Khan

Acta Crystallographica Section E: Structure Reports Online

0.413

[μ -Bis(diphenylarsanyl)methane-1: 2 κ^2 As: As']nonacarbonyl- 1 κ^3 C,2 κ^3 C,3 κ^3 C-[(4-methylsulfanylphenyl)diphenylphosphane-3 κ P]-triangulo-triruthenium(0)

Datuk Profesor Omar Bin Shawkataly, Chin Sing Yeap, H. A. Hafiz Malik, Imthyaz Ahmed Khan

Acta Crystallographica Section E: Structure Reports Online

0.413

Bis{[μ -bis(diphenylphosphanyl)methane-1: 2 κ^2 P: P']nonacarbonyl- 1 κ^3 C,2 κ^3 C,3 κ^3 C-[(4-methylsulfanylphenyl)diphenylphosphane-3 κ P]-triangulo-triruthenium(0)} dichloromethane monosolvate

Datuk Profesor Omar Bin Shawkataly, Chin Sing Yeap, H. A. Hafiz Malik, Imthyaz Ahmed Khan

Acta Crystallographica Section E: Structure Reports Online

0.413

[μ -Bis(diphenylarsanyl)methane-1: 2 κ^2 As: As']nonacarbonyl- 1 κ^3 C,2 κ^3 C,3 κ^3 C-(triisopropyl phosphite-3 κ P)-triangulo-triruthenium(0)

Datuk Profesor Omar Bin Shawkataly, Chin Sing Yeap, Mohd. Gulfam Alam

Acta Crystallographica Section E: Structure Reports Online

0.413

Synthesis, characterization and antimicrobial activity of novel ethyl 1-(N-substituted)-5-phenyl-1H-pyrazole-4-carboxylate derivatives

Arun M. Isloor, B. Chandrakantha, Prakash Shetty, Shridhar Malladi, Shrikrishna Isloor

Medicinal Chemistry Research

1.058

cis-[1,2-Bis(diphenylarsanyl)ethane- κ^2 As,As']tetracarbonylchromium(0)

Encik Mohd Mustaqim Bin Rosli, Datuk Profesor Omar Bin Shawkataly, M. N. Norlidah, M. Y. Azhar

Acta Crystallographica Section E: Structure Reports Online

0.413

trans-Tetracarbonylbis[tris(4-fluorophenyl)phosphane- κ P]chromium(0)

Encik Mohd Mustaqim Bin Rosli, Datuk Profesor Omar Bin Shawkataly, F. M. Y. Hamdy, M. N. Norlidah

Acta Crystallographica Section E: Structure Reports Online

0.413

Syntheses, structure characterisation and X-ray studies of some mono, di- and tri-substituted cluster complexes of Ru₃(CO)₁₂ substituted by bulky fluorinated phosphine ligands

Datuk Profesor Omar Bin Shawkataly, Chin Sing Yeap, Mohd. Aslam A. Pankhi, Mohd. Gulam Alam

Polyhedron

2.034

Hybrid Photonic Crystal 1.31/1.55 um Wavelength Division Multiplexer Based on Coupled Line Defect Channels

Profesor Md Roslan Bin Hashim, Mohd Hanapiyah Mohd Yusoff, Mohd Kamil Abdul Rahman

Optics Communications

1.517

Experimental Investigation of Long-Wavelength Optical Lattice Vibrations in Quaternary Al_xIn_yGa_{1-x-y}N Alloys and Comparison with Results from the Pseudo-Unit Cell Model

Dr Ng Sha Shiong, Cik Siti Khadijah Binti Mohd Bakhor, Profesor Zainuriah Binti Hassan, Muslim A. Abid, Nurul Husna Abd Raof

Physica B-Condensed Matter

0.856

Characterization of Al_xIn_yGa_{1-x-y}N Quaternary Alloys Grown on Sapphire Substrates by Molecular-Beam Epitaxy

Dr Ng Sha Shiong, Cik Siti Khadijah Binti Mohd Bakhor, Profesor Zainuriah Binti Hassan, Muslim A. Abid, Nurul Husna Abd Raof

Materials Science In Semiconductor Processing

0.650

Physical Properties of Bi(2)(Te,Se)(3) and Bi(2)Se(1.2)Te(1.8) Prepared Using Solid-State Microwave Synthesis

Arej Kadhim Abbas Alqazaz, Arshad Hmood Abdalkadhim

Materials Letters

2.120

Characterization of PbSe_{1-x}Tex Synthesized by Solid-State Microwave Plasma Assisted

Arej Kadhim Abbas Alqazaz, Arshad Hmood Abdalkadhim

Chalcogenide Letters

0.836

Growth and Characterization of High-Quality GaN Nanowires on PZnO and PGaN by Thermal Evaporation

Profesor Zainuriah Binti Hassan, Leila Shekari, Sabah M. Thahab

Journal Of Nanomaterials

1.675

PET as a plastic substrate for the flexible optoelectronic applications

M. G. Faraj, M. K. M. Ali

Optoelectronics And Advanced Materials Rapid Communications

0.477

Investigation of the optical and structural properties of thermally evaporated cadmium sulphide thin films on polyethylene terephthalate substrate

M. G. Faraj, M.H. Eisa

Materials Science In Semiconductor Processing

0.650

Investigation of CIGS Solar Cells on Polyethylene Terephthalate Substrates

Dr Abdussalam Salhin Mohamed Ali, M. G. Faraj

International Journal Of Polymeric Materials

0.458

Study of design the (In_{0.04}Ga_{0.96}N/SiC) solar cells

Aziz, WJ

Optoelectronics And Advanced Materials Rapid Communications

0.477

Effects of different TMAH texturing conditions towards morphology and surface reflectivity of monocrystalline silicon for solar cells applications

Prof Madya Azlan Bin Abdul Aziz, Pakhuruddin, MZ

Optoelectronics And Advanced Materials Rapid Communications

0.477

Comparative study of the properties of ZnO thin films deposited on poly propylene carbonate (PPC) and glass substrates

Profesor Haslan Bin Abu Hassan, Dr Yam Fong Kwong, Jandow N.N.

Journal Of Materials Science

1.859

Comparison of cadmium sulfide thin films deposited on glass and polyethylene terephthalate substrates with thermal evaporation for solar cell applications

M. G. Faraj

Journal Of Materials Science-Materials In Electronics

0.927

The effect of anti-reflection coating of porous silicon on solar cells efficiency

Dr Khalid Mutashar Omar, Profesor Zainuriah Binti Hassan, Asmiet Ramizy, Aziz, WJ

Optik

0.454

A sensitive suspended sediment sensor for the detection of total suspended solids (TSS)

Prof Madya KHIRUDDIN BIN ABDULLAH, Profesor Mohd Zubir Bin Mat Jafri, Sami Gumaan Daraigan

Optica Applicata

0.347

A comparison of radiometric correction techniques in the evaluation of the relationship between LSTand NDVI in Landsat imagery

Prof Madya KHIRUDDIN BIN ABDULLAH, Profesor Mohd Zubir Bin Mat Jafri, Tan Kok Chooi

Environmental Monitoring And Assessment

1.436

ZnO gas sensor for testing vinegar acid concentrations

Prof Madya Azlan Bin Abdul Aziz, Halim Bin Ahmad, N.H. Al-Hardan

Sains Malaysiana

Khas

Impedance spectroscopy of undoped and Cr-doped ZnO gas sensors under different oxygen concentrations

Prof Madya Azlan Bin Abdul Aziz, N.H. Al-Hardan

Applied Surface Science

1.795

Investigation on UV photodetector behavior of RF-sputtered ZnO by impedance spectroscopy

Prof Madya Azlan Bin Abdul Aziz, Halim Bin Ahmad, L.Y. Low, N.H. Al-Hardan

Solid-State Electronics

1.440

Profesor Haslan Bin Abu Hassan

Hybrid Photonic Crystal 1.31/1.55 um Wavelength Division Multiplexer Based on Coupled Line Defect Channels

Profesor Md Roslan Bin Hashim, Mohd Hanapiah Mohd Yusoff, Mohd Kamil Abdul Rahman

OPTICS COMMUNICATIONS

1.517

Experimental Investigation of Long-Wavelength Optical Lattice Vibrations in Quaternary Al_xIn_yGa_{1-x-y}N Alloys and Comparison with Results from the Pseudo-Unit Cell Model

Dr Ng Sha Shiong, Cik Siti Khadijah Binti Mohd Bakhor, Profesor Zainuriah Binti Hassan, Muslim A. Abid, Nurul Husna Abd Raof

PHYSICA B-CONDENSED MATTER

0.856

Characterization of Al_xIn_yGa_{1-x-y}N Quaternary Alloys Grown on Sapphire Substrates by Molecular-Beam Epitaxy

Dr Ng Sha Shiong, Cik Siti Khadijah Binti Mohd Bakhor, Profesor Zainuriah Binti Hassan, Muslim A. Abid, Nurul Husna Abd. Raof

MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING

0.650

Physical Properties of Bi(2)(Te,Se)(3) and Bi(2)Se(1.2)Te(1.8) Prepared Using Solid-State Microwave Synthesis

Arej Kadhim Abbas Alqaz, Arshad Hmood Abdalkadhim

MATERIALS LETTERS

2.120

Characterization of PbSe_{1-x}Tex Synthesized by Solid-State Microwave Plasma Assisted

Arej Kadhim Abbas Alqaz, Arshad Hmood Abdalkadhim

CHALCOGENIDE LETTERS

0.836

Growth and Characterization of High-Quality GaN Nanowires on PZnO and PGaN by Thermal Evaporation

Profesor Zainuriah Binti Hassan, Leila Shekari, Sabah M. Thahab

JOURNAL OF NANOMATERIALS

1.675

Profesor Kamarulazizi Bin Ibrahim

PET as a plastic substrate for the flexible optoelectronic applications

M. G. Faraj, M. K. M. Ali

OPTOELECTRONICS AND ADVANCED MATERIALS RAPID COMMUNICATIONS

0.477

Investigation of the optical and structural properties of thermally evaporated cadmium sulphide thin films on polyethylene terephthalate substrate

M. G. Faraj, M.H. Eisa

MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING

0.650

Investigation of CIGS Solar Cells on Polyethylene Terephthalate Substrates

Dr Abdussalam Salhin Mohamed Ali, M. G. Faraj

INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS

0.458

Study of design the (In_{0.04}Ga_{0.96}N/SiC) solar cells

Aziz, WJ

OPTOELECTRONICS AND ADVANCED MATERIALS RAPID COMMUNICATIONS

0.477

Effects of different TMAH texturing conditions towards morphology and surface reflectivity of monocrystalline silicon for solar cells applications

Prof Madya Azlan Bin Abdul Aziz, Pakhuruddin, MZ

OPTOELECTRONICS AND ADVANCED MATERIALS RAPID COMMUNICATIONS

0.477

Comparative study of the properties of ZnO thin films deposited on poly propylene carbonate (PPC) and glass substrates

Profesor Haslan Bin Abu Hassan, Dr Yam Fong Kwong, Jandow N.N.

JOURNAL OF MATERIALS SCIENCE

1.859

Comparison of cadmium sulfide thin films deposited on glass and polyethylene terephthalate substrates with thermal evaporation for solar cell applications

M. G. FARAJ

JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS

0.927

The effect of anti-reflection coating of porous silicon on solar cells efficiency

Dr Khalid Mutashar Omar, Profesor Zainuriah Binti Hassan, Asmiet Ramizy, Aziz, WJ

OPTIK

0.454

Prof Madya Lim Hwee San

A sensitive suspended sediment sensor for the detection of total suspended solids (TSS)

Prof Madya Khiruddin Bin Abdullah, Profesor Mohd Zubir Bin Mat Jafri, Sami Gumaan Daraigan

OPTICA APPLICATA

0.347

A comparison of radiometric correction techniques in the evaluation of the relationship between LSTand

NDVI in Landsat imagery

Prof Madya Khiruddin Bin Abdullah, Profesor Mohd Zubir Bin Mat Jafri, Tan Kok Chooi

ENVIRONMENTAL MONITORING AND ASSESSMENT

1.436

Profesor Mat Johar Bin Abdullah

ZnO gas sensor for testing vinegar acid concentrations

Prof Madya Azlan Bin Abdul Aziz, Halim Bin Ahmad, N.H. Al-Hardan

SAINS MALAYSIANA

Khas

Impedance spectroscopy of undoped and Cr-doped ZnO gas sensors under different oxygen concentrations

Prof Madya Azlan Bin Abdul Aziz, N.H. Al-Hardan

APPLIED SURFACE SCIENCE

1.795

Investigation on UV photodetector behavior of RF-sputtered ZnO by impedance spectroscopy

Prof Madya Azlan Bin Abdul Aziz, Halim Bin Ahmad, L.Y. Low, N.H. Al-Hardan

SOLID-STATE ELECTRONICS

1.440

Dr Md Noordin Bin Abu Bakar

Variability of Dissolved Oxygen and Active Reaction in Deepwater of the Southern Caspian Sea, Near the Iranian Coast

Siamak Jamshidi

Polish Journal Of Environmental Studies

0.543

The Sound Speed in Southern Deepwater Zone of the Caspian Sea, off Anzali Port

Siamak Jamshidi

Acoustical Physics

0.682

Profesor Md Roslan Bin Hashim

One step synthesis of GaN thin films on Si substrate by a convenient electrochemical technique at low temperature for different durations

Khalled Al Heuseen

Journal Of Crystal Growth

1.746

Effects of Different electrolytes on porous GaN using photo electrochemical etching

Khalled Al Heuseen, Nihad K Ali

Applied Surface Science

1.795

Structural, optical and electrical properties of ZnO/Zn₂GeO₄ porous-like thin film and wires

Mohd Muzafa Jumidali, Kamal Mahir Sulieman

Applied Surface Science

1.795

High sensitivity of palladium on porous silicon MSM photodetector*Alhan Farhanah Abdul Rahim, Nihad K Ali*

Physica B-Condensed Matter

0.856

Synthesis, structural and optical properties of electrochemically deposited GeO₂ on porous silicon*M J Jawad, Nihad K Ali*

Electrochemical And Solid State Letters

1.981

Characterization of Ge Nanostructures Embedded Inside Porous Silicon for Photonics Application*Alhan Farhanah Abdul Rahim, Nihad K Ali*

Sains Malaysiana

Khas

Profesor Mohamad Suhaimi Bin Jaafar**Effect of Acidification on the Absorption and Fluorescence Properties of Sn(IV) Chlorin e6 Dichloride Trisodium Salt***Guat-Siew Chew, Khaled A. Al-Khaza'leh, Khalid Omar*

Arabian Journal For Science And Engineering

0.224

Interaction of low-intensity nuclear radiation dose with the human blood: Using the new technique of CR-39NTDs for an in vitro study*Asaad H. Ismail*

Applied Radiation And Isotopes

0.999

Determination of radioactive elements and heavy metals in sediments and soil from domestic water sources in northern peninsular Malaysia*Dr Azhar Bin Abdul Rahman, Bashir G. Muhammad, Farouk Abdulrasheed Ingawa*

Environmental Monitoring And Assessment

1.436

pH effect on cellular uptake of Sn(IV) chlorine e6 dichloride trisodium salt by cancer cells in vitro*Khaled A. Al-Khaza'leh, Khalid Omar*

Journal Of Biological Physics

1.373

Design and construct optimum dosimeter to detect airborne radon and thoron gas: Experimental study*Asaad H. Ismail*

Nuclear Instruments And Methods In Physics Research Section B-Beam Interactions With Materials And Atoms

1.042

Profesor Mohd Nawawi Bin Mohd Nordin**Utilization of multimode love wave dispersion curves inversion for geotechnical site investigation***La Hamimu, Jamhir Safani*

Journal Of Geophysics And Engineering

0.805

Profesor Mohd Zubir Bin Mat Jafri**Application of NIR Spectral absorbance linearization and gradient shift in quantifying aqueous glucose and fructose solution***Profesor Hanafi Bin Atan, Ahmad Fairuz Bin Omar*

Asian Journal Of Chemistry

0.247

Prof Madya Mutharasu Devarajan**An effect of Nb ion bombardment on the properties of CdTe thin films***Shanmugan Subramani*

Radiation Physics And Chemistry

1.132

Synthesis and properties of 10% Zn layered CdTe thin films by SEL method*Shanmugan Subramani*

European Physical Journal-Applied Physics

0.902

Surface and electrical properties of rhombohedral In_2O_3 thin films prepared by an O_2 plasma process

Shanmugan Subramani

Journal Of Ceramic Processing Research

0.484

Dr Ng Sha Shiong

Dispersion of Surface and Interface Phonon Polariton Modes in Wurtzite Based Multilayer System

Profesor Haslan Bin Abu Hassan, Profesor Zainuriah Binti Hassan, Lee Sai Cheong

Journal Of The Physical Society Of Japan

2.905

Far Infrared Optical Properties of Bulk Wurtzite Zinc Oxide Semiconductor

Profesor Haslan Bin Abu Hassan, Profesor Zainuriah Binti Hassan, Lee Sai Cheong, Ooi Poh Kok

Journal Of Materials Science And Technology

0.759

X-ray diffraction studies of $\text{Al}_x\text{Ga}_{12-x}\text{N}$ ($0 \leq x \leq 1$) ternary alloys grown on sapphire substrate

Profesor Haslan Bin Abu Hassan, Profesor Zainuriah Binti Hassan, Ching Chin Guan

Microelectronics International

0.468

Surface phonon polariton characteristics of bulk wurtzite ZnO crystal

Profesor Haslan Bin Abu Hassan, Prof Madya Saw Kim Guan, Profesor Zainuriah Binti Hassan, Lee Sai Cheong

Physica B-Condensed Matter

0.856

Theoretical and Experimental Studies of Polarized Infrared Reflectance of Bulk Wurtzite ZnO Semiconductor

Profesor Haslan Bin Abu Hassan, Profesor Zainuriah Binti Hassan, Lee Sai Cheong

Sains Malaysiana

Khas

Dr Norzaini Binti Zainal

Hexagonal (wurtzite)GaN inclusions as a defect in cubic (zinc-blende) GaN

A.J. Kent, A.V. Akimov, C.R. Staddon, C.T. Foxon, S.V. Novikov

Physica B-Condensed Matter

0.856

Prof Madya Ong Lye Hock

Thickness dependence of switching time and coercive field in ferroelectric thin films

Ahmad Musleh Alrub

Journal Of Applied Physics

2.079

Influence of dielectric stiffness, interface, and layer thickness on hysteresis loops of ferroelectric superlattices

Chew Khian Hooi, Makoto Iwata

Journal Of Applied Physics

2.079

Influence of Chiral Interactions on Smectic Phases in Free-Standing Films

Lum Chia Yue, Mojca Cepic

Molecular Crystals And Liquid Crystals

0.543

What the Theory Says about the Six Layer Periodic Structures in Antiferroelectric Liquid Crystals?

Tan Teng Yong, Mojca Cepic

Molecular Crystals And Liquid Crystals

0.543

Calculations on switching characteristics of ferroelectric–paraelectric superlattices

Lee Thong Yan, Chew Khian Hooi

Ceramics International

1.472

Dr Quah Ching Kheng

Tetraethylammonium 2-[bis(4-hydroxyphenyl)methyl]benzoate

Xiaofei Li, Yan Tong

Acta Crystallographica Section E: Structure Reports Online

0.413

Profesor Rosy Teh Chooi Gim

Monopole-Antimonopole Pair Dyons with Critical Electric Charges

Dr Wong Khai Ming, Lim Kok Geng

Journal Of Physics G-Nuclear And Particle Physics

1.770

Dr Shahrom Bin Mahmud

Fabrication of nano-gap electrodes via nano-oxidation mask by scanning probe microscopy nanolithography

Prof Madya Sabar Derita Hutagalung, Jalal Rouhi, Saeid Kakooei

Journal Of Micro-Nanolithography Mem And Moems

1.194

Encik Wong Chow Jeng

Investigation of Kelvin Waves in the Stratosphere Using FORMOSAT-3/COSMIC Temperature Data

C. J. Pan, H. C. Lai, S. S. Yang, Uma Das

Journal Of The Meteorological Society Of Japan

1.149

Interannual Variation of the Fall Rainfall in Central Vietnam

Dinh Duc Tu, Hao-Lin Hu, Ming-Cheng Yen, Nguyen Thi Tan Thanh, Ren-Yow Tzeng, Tsing-Chang Chen

Journal Of The Meteorological Society Of Japan

1.149

Dr Yam Fong Kwong

The influence of Ga source and substrate position on the growth of low dimensional GaN wires by chemical vapour deposition

Profesor Zainuriah Binti Hassan, Beh Khi Poay, Low Li Li

Applied Surface Science

1.795

The influence of growth temperatures on the characteristics of GaN nanowires

Profesor Zainuriah Binti Hassan, Beh Khi Poay, Low Li Li

Applied Surface Science

1.795

Fabrication of titanium dioxide nanofibers via anodic oxidation

Profesor Zainuriah Binti Hassan, Beh Khi Poay, Tneh Sau Siong

Applied Surface Science

1.795

The effect of growth parameters and mechanism of titania nanotubes prepared by anodic process

Profesor Zainuriah Binti Hassan, Beh Khi Poay, Ng Siow Woon, Tneh Sau Siong

Optoelectronics And Advanced Materials Rapid Communications

0.477

Self-assembled ZnO nanostripes prepared by acidified ethanolic anodization

Profesor Zainuriah Binti Hassan, E.N. Sota, M.F. Mustapha, Beh Khi Poay, Low Li Li, Ng Siow Woon, Tneh Sau Siong

Optoelectronics And Advanced Materials Rapid Communications

0.477

Profesor Zainuriah Binti Hassan

Characterizations of InN Thin Films Grown on Si (110) Substrate by Reactive Sputtering

Encik Mohd Anas Bin Ahmad, Dr Ng Sha Shiong, Maryam Amirkhoseiny

Journal Of Nanomaterials

1.675

Enhancing photoresponse time of low cost Pd/ZnO nanorods prepared by thermal evaporation techniques for UV detection

Dr Yam Fong Kwong, Encik Yushamdan Bin Yusof, Hind I Abdulgafour, K. Al-Heuseen

Applied Surface Science

1.795

Improved performance of a crystalline silicon solar cell based on ZnO/PS anti-reflection coating layers

Dr Khalid Mutashar Omar, Khaldun A. Salman

Superlattices And Microstructures

1.096

New optical features to enhance solar cell performance based on porous silicon surfaces

Dr Khalid Mutashar Omar, Asmiet Ramizy Abd-Alghafour, Mazin A Mahdi, Y. Al-Douri

Applied Surface Science

1.795

Stiffness properties of porous silicon nanowires fabricated by electrochemical and laser-induced etching

Khalid Omar

Dr Khalid Mutashar Omar, Asmiet Ramizy Abd-Alghafour, Y. Al-Douri

Superlattices And Microstructures

1.096

Structural,optical, and electrical properties of undoped and Si-doped Al_xGa_{1-x}N thin films on Si(111)substrate grown by PA-MBE

Profesor Haslan Bin Abu Hassan, Asaad Shakir Hussein, Chin Che Woei, M. A. Abid, S. M. Thahab

Physica B-Condensed Matter

0.856

Thermal annealing effect of Au- and Pt-based Schottky contacts on unintentionally and n-type doped Al_xGa_{1-x}N

Profesor Haslan Bin Abu Hassan, Encik Mohd Anas Bin Ahmad, Asaad Shakir Hussein, Chin Che Woei, Osama S. Hamad

Journal Of Optoelectronics And Advanced Materials

0.412

Morphological, optical, and Raman characteristics of ZnO nanoflakes prepared via a sol-gel method

Hind I Abdulgafour, M. E. Ali, M. Kashif, M. Willander, Syed M. Usman Ali, U. Hashim

Physica Status Solidi A-Applications And Materials

1.472

The effect of etching time of porous silicon on solar cell performance

Dr Khalid Mutashar Omar, Khaldun A. Salman

Superlattices And Microstructures

1.096

Analytical and visual modeling of InGaN/GaN single quantum well laser based on rate equations

Ghasem Alahyarizadeh, H. Mahmodi, R. Rahmani, H. Aghajani

Optics And Laser Technology

1.616

Nanocrystalline ZnO film grown on porous silicon layer by radio frequency sputtering system

Dr Khalid Mutashar Omar, Khaldun A. Salman

Materials Letters

2.120

Synthesis of dendrite – like petals of CdO nanostructure

Dr Khalid Mutashar Omar, Mustafa Zaien Mohammed

Optoelectronics And Advanced Materials Rapid Communications

0.477

The effect of sub-band gap photon illumination on the properties of GaN layers grown on Si(111) by MBE

Dr Khalid Mutashar Omar, Asmiet Ramizy Abd-Alghafour, Omar Alattas

Journal Of Nanoparticle Research

3.253

Improved performance of solar cell based on porous silicon surfaces

Profesor Kamarulazizi Bin Ibrahim, Dr Khalid Mutashar Omar, Asmiet Ramizy Abd-Alghafour, Wisam J. Aziz

Optik

0.454

Pusat Pengajian Sains Kajihayat

Prof Madya Amirul Al-Ashraf Balakrishnan Bin Abdullah

Regulating the molar fraction of 4-hydroxybutyrate in Poly(3-hydroxybutyrate-co-4-hydroxybutyrate) by biological fermentation and enzymatic degradation.

Nor Faezah Ansari, Rahayu Ahmad, Vigneswari Sevakumaran, Mohamed Isa Abdul Majid

World Journal Of Microbiology And Biotechnology

1.214

Biosynthesis and characterization of poly(3-hydroxybutyrate-co-3-hydroxyvalerate-co-4-hydroxybutyrate) terpolymer with various monomer composition by Cupriavidus sp. USMAA2-4

Hema Ramachandran, Nurhezreen Md Iqbal, Coswald Stephen Sipaut

Applied Biochemistry And Biotechnology

1.879

Biosynthesis of Poly(3-hydroxybutyrate-co-3-hydroxyvalerate-co-4-hydroxybutyrate) terpolymer by Cupriavidus sp. USMAA2-4 through two-step cultivation process

Norhayati Yusof, Nursolehah Abdul Aziz, Tengku Fahima Azira Tuan Mat, Mohamed Isa Abdul Majid

World Journal Of Microbiology And Biotechnology

1.214

Tailoring the Surface architecture of Poly(3-hydroxybutyrate-co-4-hydroxybutyrate) scaffolds

Vigneswari Sevakumaran, Mohamed Isa Abdul Majid

Journal Of Applied Polymer Science

1.240

Dr Asyraf Bin Mansor

Current Status of Mimosa pigra L. Infestation in Peninsula Malaysia

Micheal J Crawley

Tropical Life Sciences Research

Khas

Profesor Chan Lai Keng

Effects of Environmental Factors on Growth and Artemisinin Content of Artemisia annua L.

Profesor Boey Peng Lim, Bui Thi Tuong Thu, Tran Van Minh

Tropical Life Sciences Research

Khas

Effect of sucrose and methyl jasmonate on biomass and anthocyanin production in cell suspension culture of Melastoma malabathricum (Melastomaceae)

Koay Suan See, Arvind Bhatt

Revista De Biologia Tropical

0.435

Profesor Che Salmah Binti Md Rawi

Evaluation of Yellow Sticky Traps for Monitoring the Population of Thrips (Thysanoptera) in a Mango Orchard

Hamaseh Ali Akbarpour

Environmental Entomology

1.534

Profesor Chong Shu Chien @ Alexander

Proteomics analysis of mitochondrial extract from liver of female zebrafish undergoing starvation and referring

Enyu Yee Ling

Aquaculture Nutrition

1.393

Profesor Darah Binti Ibrahim

Influence of agitation speed on tannase production and morphology of *Aspergillus niger* FETL FT3 in submerged fermentation

Profesor Mohd Jain Noordin Bin Mohd Kassim, Sumathi A/P Ganeesan, Lim Sheh Hong

Applied Biochemistry And Biotechnology

1.879

Tannase enzyme production by entrapped cells of *Aspergillus niger* FETL FT3 in submerged culture system

Profesor Mohd Jain Noordin Bin Mohd Kassim, Sumathi A/P Ganeesan, Lim Sheh Hong

Bioprocess And Biosystems Engineering

2.060

Assessment of in vivo and in vitro cytotoxic activity of hydrolysable tannin extracted from Rhizophora apiculata barks

Profesor Mohd Jain Noordin Bin Mohd Kassim, Lim Sheh Hong

World Journal Of Microbiology And Biotechnology

1.214

Dr Darlina Binti Md Naim

Prevalence of multiple mating by female common dormice, *Muscardinus avellanarius*

Phillip C. Watts, Sandra Telfer, Stephanie Sanderson, Stephen J. Kemp

Conservation Genetics

1.255

Non-invasive sex identification of the white-bellied sea eagle (*Haliaeetus leucogaster*) through genetic analysis of feathers

Encik Mohamed Hifni Bin Baharuddin, Profesor Siti Azizah Binti Mohd Nor

Genetics And Molecular Research

1.013

Dr Hasnuri Binti Mat Hassan

Growth, P uptake in grain legumes and changes in rhizosphere soil P pools

Annie Mcneill, Caixian Tang, Petra Marschner

Biology And Fertility Of Soils

2.156

Profesor K Sudesh Kumar A/L C Kanapathi Pillai

Solar photocatalytic decolorization and detoxification of industrial Batik dye wastewater using P(3HB)-TiO₂ nanocomposite films

Nanthini Sridewi, Tan Liu Tzea

Clean-Soil Air Water

1.507

Formation of new polyhydroxyalkanoate containing 3-hydroxy-4-methylvalerate monomer in *Burkholderia* sp.

Lau Nyok Sean, Takeharu Tsuge

Applied Microbiology And Biotechnology

3.280

Synthesis of polyhydroxyalkanoate from palm oil and some new applications

Chuah Jo-Ann, Hanisah Kamila Binti Abd Razak, Kek Yik Kang, Kesaven Bhubalan, Lee Yan Fen, Nanthini Sridewi

Applied Microbiology And Biotechnology

3.280

Characterization of the highly active polyhydroxyalkanoate synthase of *Chromobacterium* sp. strain USM2

Chuah Jo-Ann, Kesaven Bhubalan, Anthony J. Sinskey, Chokyun Rha, Christopher J. Brigham, Fumi Shozui, Seiichi Taguchi

Applied And Environmental Microbiology

3.778

Isolation and recovery of microbial polyhydroxyalkanoates

Kunasundari A/P Balakrishnan

Express Polymer Letters

1.575

Simultaneous adsorption and photocatalytic degradation of malachite green using electrospun P(3HB)-TiO₂ nanocomposite fibers and films

Lee Yan Fen, Nanthini Sridewi

International Journal Of Photoenergy

1.345

Biosynthesis of novel polyhydroxyalkanoate containing 3-hydroxy-4-methylvalerate by Chromobacterium sp. USM2

Ling Siew Chen, Takeharu Tsuge

Journal Of Applied Microbiology

2.365

Expression of *Aeromonas caviae* polyhydroxyalkanoate synthase gene in *Burkholderia* sp. USM (JCM 15050) enables the biosynthesis of SCL-MCL PHA from palm oil products

Profesor Mohammed Razip Bin Samian, Chee Jiun Yee, Lau Nyok Sean, Takeharu Tsuge

Journal Of Applied Microbiology

2.365

Profesor Lee Chow Yang

Two new inquiline silverfish (Zygentoma: Ateluridae, Lepismatidae) from Penang, Malaysia.

Kuah Meng Kiat, Veera Singham A/L K. Genasan, Graeme B. Smith

Sociobiology

0.534

The Potential and Limits of Termites (Isoptera) as Decomposers of Waste Paper Products

Kunio Tsunoda, Michael Lacey, Michael Lenz, Tsuyoshi Yoshimura

Journal Of Economic Entomology

1.489

Morphology and Development of a Termite Endoparasitoid *Misotermes mindenii* (Diptera: Phoridae)

Prof Madya Ahmad Sofiman Bin Othman, Foo Foong Kuan

Annals Of The Entomological Society Of America

1.031

Genetic Analysis of Population Structure of *Coptotermes gestroi* (Isoptera: Rhinotermitidae) in Native and Introduced Populations

Prof Madya Ahmad Sofiman Bin Othman, Yeap Beng Keok

Environmental Entomology

1.534

Elimination of Field Colonies of a Mound-Building Termite *Globitermes sulphureus* (Isoptera: Termitidae) by Bistrifluron Bait

Neoh Kok Boon, Nur Atiqah Jalaludin

Journal Of Economic Entomology

1.489

Developmental Stages and Caste Composition of a Mature and Incipient Colony of the Drywood Termite, *Cryptotermes dudleyi* (Isoptera: Kalotermitidae)

Neoh Kok Boon

Journal Of Economic Entomology

1.489

The parasitoid, *Verticaria fasciventris* causes morphological and behavioral changes in infected soldiers of the fungus-growing termite, *Macrotermes carbonarius*

Neoh Kok Boon

Journal Of Insect Science

1.014

Prevalence of a Koinobiont Endoparasitoid *Misotermes mindenii* (Diptera: Phoridae) in Colonies of the Fungus-Growing Termite *Macrotermes gilvus* (Blattodea: Termitidae) in Malaysia

Prof Madya Ahmad Sofiman Bin Othman, Foo Foong Kuan, Veera Singham A/L K. Genasan

Journal Of Economic Entomology

1.489

Evaluation of Aprostocetus hagenowii (Hymenoptera: Eulophidae) for the Control of American Cockroaches (Dictyoptera: Blattidae) in Sewers and Crevices Around Buildings
Encik Ahmad Ramli Bin Saad, Tee Hui Siang
Journal Of Economic Entomology
1.489

Does lack of intraspecific aggression or absence of nymphs determine acceptance of foreign reproductives in Macrotermes?
Yogen Indiran, Michael Lenz, Neoh Kok Boon
Insectes Sociaux
1.425

Relationship Between Population Growth of the Red Flour Beetle *Tribolium castaneum* and Protein and Carbohydrate Content in Flour and Starch
Nellie Wong Su Chee
Journal Of Economic Entomology
1.489

Profesor Ng Wing Keong

The Malaysian mahseer, *Tor tambroides* (Bleeker), requires low dietary lipid levels with a preference for lipid sources with high omega-6 and low omega-3 polyunsaturated fatty acids.
Andin Victor Charlie
Aquaculture
2.044

Inclusion of crude palm oil in the broodstock diets of female Nile tilapia, *Oreochromis niloticus*, resulted in enhanced reproductive performance compared to broodfish fed diets with added fish oil or linseed oil.
Wang Yan
Aquaculture
2.044

Partial replacement of fish meal by fermented soybean meal in diets for black sea bream (*Acanthopagrus schlegelii*) juveniles.
Bergo O.N., Peng X., Shao Q., Song W., Xiao J., Xu Y., Zhang T., Zhou F.
Journal Of The World Aquaculture Society
0.839

Prof Madya Shahrul Anuar Bin Mohd Sah

Re-discovery and Re-description of *Ansonia penangensis* Stoliczka, 1870 (Anura: Bufonidae) from Penang Island, Malaysia.
Encik Mohd Abdul Muin Bin Md Akil, Evan Quah S.H., L. Lee Grismer
Zootaxa
0.853

Peninsular Malaysia's first limbless lizard: A new species of skink of the genus *Larutia* (Böhme) from Pulau Pinang with a phylogeny of the genus.
Evan Quah Seng Huat, Cameron D. Siler, Chan, K. O., Jesse L. Grismer, L. Lee Grismer, Norhayati Ahmad, Perry L. Wood, Jr.
Zootaxa
0.853

First Record of *Batrachochytrium dendrobatidis* Infecting Four Frog Families from Peninsular Malaysia
Encik Mohd Abdul Muin Bin Md Akil, Evan Quah, Anna E. Savage, Chan Kin Onn, Jesse L. Grismer, Kelly R. Zamudio, L. Lee Grismer, Melissa Lenker, Norhayati Ahmad
Ecohealth
1.640

Preliminary checklist of the herpetofauna of Jerejak Island, Penang, Malaysia. Malayan Nature Journal.
Encik Mohd Abdul Muin Bin Md Akil, Evan Sh Quah, Chan, K.O., Grismer J.L., Grismer, L.L.
Malayan Nature Journal
Khas

Bird Species Diversity in the Padawan Limestone Area, Sarawak
Mohammad Saiful Mansor, Lim Chan Koon, Mustafa Abdul Rahman
Tropical Life Sciences Research
Khas

Diversity Pattern of Bats at Two Contrasting Habitat Types along Kerian River, Perak, Malaysia

Dr Nurul Salmi Binti Abdul Latip, Nur Juliani Shafie, Nur Munira Azman, Nurul Liyana Khairuddin
Tropical Life Sciences Research
Khas

The Population Size of the Lesser bandicoot (*Bandicota bengalensis*) in Three Markets in Penang, Malaysia

Nur Juliani Shafie, Nur Munira Azman, Nurul Liyana Khairuddin, Razlina Raghazli
Tropical Life Sciences Research
Khas

Prof Madya Shaida Fariza Binti Sulaiman

Correlation between total phenolic and mineral contents with antioxidant activity of eight Malaysian bananas (*Musa sp.*)

Ooi Kheng Leong, Seow Eng Meng, Supriatno, Azliana Abu Bakar Sajak, Ibrahim M. Eldeen, Nor Adlin Binti Md Yusoff
Journal Of Food Composition And Analysis
1.948

Effect of solvents in extracting polyphenols and antioxidants of selected raw vegetables

Ooi Kheng Leong, Seow Eng Meng, Supriatno, Azliana Abu Bakar Sajak
Journal Of Food Composition And Analysis
1.948

Cytotoxic, apoptotic and anti- β -glucosidase activities of 3,4-di-O-caffeyl quinic acid, an antioxidant isolated from the polyphenolic-rich extract of *Elephantopus mollis* Kunth.

Dr Tan Mei Lan, Ooi Kheng Leong, Tengku Sifzizul Tengku Muhammad
Journal Of Ethnopharmacology
2.466

In vitro antibacterial, antioxidant, total phenolic contents and anti-HIV-1 reverse transcriptase activities of extracts of seven *Phyllanthus* sp

Seow Eng Meng, I.M.S. Eldeen, Rozaimah Abdullah
South African Journal Of Botany
1.106

Profesor Siti Azizah Binti Mohd Nor

Isolation and Multiplex genotyping of polymorphic microsatellite DNA markers in the snakehead murrel, *Channa striata*

Jamsari Amirul Firdaus Jamaluddin, Tan Min Pau
Genetics And Molecular Biology
0.796

Genetic structure of snakehead murrel, *Channa striata* (Channidae) based on cytochrome c oxidase subunit I gene: Influence of historical and geomorphological factors.

Jamsari Amirul Firdaus Jamaluddin, Tan Min Pau
Genetics And Molecular Biology
0.796

Evidence of geographical structuring in the Malaysian Snakehead, *Channa striata* based on partial segment of the CO1 gene

Prof Madya Tan Shau Hwai, Profesor Zulfigar Bin Yasin, Siti Balkhis Abu Bakar, Jamsari Amirul Firdaus Jamaluddin
Genetics And Molecular Biology
0.796

Genetic variation in Malaysian oysters: Taxonomic ambiguities and evidence of biological invasion

Abdul Hadi A., Mohd Lutfi Abdullah, Devakie M. Nair, Suzanna Mustafa
Biological Invasions
3.474

Utilization of Molecular markers for the conservation of the blood cockles, *Anadara granosa*

Chee Su Yin, Devakie M. Nair
Genetics And Molecular Research
1.013

Phylogenetic study and barcoding of the blood cockle, Tegillarca granosa, found in the west coast of Peninsular Malaysia based on the COI gene.

Chee Su Yin, Devakie M. Nair
Genetics And Molecular Research
1.013

Phenotypic differences of Haemonchus contortus from sheep and goats in the States of Perak and Kelantan, Peninsular Malaysia.

Profesor Abd Wahab Bin A Rahman, Abdullah A. Gharamah
Acta Parasitologica
1.144

Fluctuating Asymmetry of Chironomus spp. (Diptera: Chironomidae) Larvae in Association with Water Quality and Metal Pollution in Permatang Rawa River in the Juru River Basin, Penang, Malaysia

Water Air And Soil Pollution
1.765

Prof Madya Tan Shau Hwai

Parasites of Blood Cockle (*Anadara granosa* Linnaeus, 1758) from the Straits of Malacca
Profesor Zulfigar Bin Yasin, Munawar Khalil, M. Jasim Uddin
Journal Of Shellfish Research
1.041

Pusat Pengajian Sains Kemasyarakatan

Prof Madya Andrew Tan Khee Guan

Utilization of Breast Cancer Screening Methods in a Developing Nation: Results from a Nationally Representative Sample of Malaysian Households
Richard A. Dunn
Breast Journal
1.425

Credit Card Holders, Convenience Users and Revolvers: A Tobit Model with Binary Selection and Ordinal Treatment

Dr Loke Ying Jia @ Loke Weng Kah, Steven T. Yen
Journal Of Applied Economics
0.182

Determinants of Library Use Amongst University Students

Teoh Zei Mei
Malaysian Journal Of Library And Information Science
0.353

Prof Madya Chin Yee Whah

Towards Inter-Ethnic Business Development and National Unity in Malaysia
Kajian Malaysia
Khas

Introduction: Community, Identity, Politics and Healthcare in Malaysia

Abdul Rahman Embong
Kajian Malaysia
Khas

Dr Chua Soo Yearn

The saving-growth nexus for the Malaysian economy: A view through rolling sub-samples
Chor Foon Tang
Applied Economics
0.424

Prof Madya Lean Hooi Hooi

Will Obama's economic stimulus package be effective? Evidence from the misery index
Russell Smyth
Applied Economics Letters
0.245

Exchange Rate And Stock Price Interaction In Major Asian Markets: Evidence For Individual Countries And Panels Allowing For Structural Breaks

Paresh Narayan, Russell Smyth

Singapore Economic Review

0.129

Capital Structure of Government-Linked Companies in Malaysia

Irene Wei Kiong Ting

Asian Academy Of Management Journal Of Accounting And Finance

Khas

Dr Loke Yiing Jia @ Loke Weng Kah

Credit Card Averters and Amassers: Evidence from Malaysia

Prof Madya Andrew Tan Khee Guan, Steven T. Yen

Asian Economic Journal

0.205

Dr Lye Tuck Po

A history of Orang Asli studies: Landmarks and generations

Kajian Malaysia

Khas

Dr Muhammad Hilmi Bin Abdullah @ Chng Kean Siang

Average Wage, Reputation and Reciprocity

Dr Loke Yiing Jia @ Loke Weng Kah

Malaysian Journal Of Economic Studies

Khas

On the role of social wage comparisons in gift-exchange experiments

Israel Waichman, Till Requate

Economics Letters

0.449

Intention Matters in Employment Contract

Dr Loke Yiing Jia @ Loke Weng Kah

International Journal Of Business And Society

Khas

Dr Ong Beng Kok

Grounded Theory Method (GTM) and the Abductive Research Strategy (ARS): A Critical Analysis of their

Differences

International Journal Of Social Research Methodology

0.684

Dr Soon Chuan Yean

The Contest for Moral Politics: Interrogating the Cultural Politics of Malaysian Cultural Groups

Kajian Malaysia

Khas

A cartoonist's resistance

Inter-Asia Cultural Studies

0.195

Pusat Pengajian Sains Kesihatan**Prof Madya Farid Bin Che Ghazali**

Quantitative Analysis of Sulphated Glycosaminoglycans Content of Malaysian Sea Cucumber Stichopus hermanni and Stichopus vastus

Prof Madya K. N. S. Sirajudeen, George W. Yip, Siti Fathiah Masre

Natural Product Research

0.906

Dr Few Ling Ling

Klebsiella pneumoniae yggG Gene Product: A Zinc-Dependent Metalloprotease

Profesor Habibah Binti A Wahab, Dr See Too Wei Cun, Chang Ching Ching, Choi Sy Bing, Kuan Chee Sian, Wong Mun Teng, Yee Yoke Hiang, Normi Mohd Yahaya

International Journal Of Molecular Sciences

2.279

Dr Hamid Jan Bin Jan Mohamed

Development, Validity and Reproducibility of a Food Frequency Questionnaire in Pregnancy for the Universiti Sains Malaysia Birth Cohort Study

Prof Madya Nor Azwany Bt. Yaacob, Loy See Ling, Marhazlina Mohamed

Malaysian Journal Of Nutrition

Khas

Effect of Gender and Nutritional Status on Academic Achievement and Cognitive Function among Primary School Children in a Rural District in Malaysia

Prof Madya Pim A/L Chau Dam, Profesor Wan Abdul Manan Bin Wan Muda, Hasmiza Binti Halib, Amal Mitra, Ng Lai Oon

Malaysian Journal Of Nutrition

Khas

Iron requirements based upon iron absorption tests are poorly predicted by haematological indices in patients with inactive inflammatory bowel disease

Carol Hutchinson, Ding Yong Liu, Jonathan J Powell, Miranda C E Lomer, Robert C Hider, William B Cook

British Journal Of Nutrition

3.072

Dr Lim Boon Huat

Development of a dry reagent-based triplex PCR for the detection of toxigenic and non-toxigenic *Vibrio cholerae*

Dr Chan Yean Yean, Elina Husni Tan, Dr. Chua Ang Lim, Prof. (Dr.) Lalitha Pattabharaman, Prof. (Dr.) Ravichandran Manickam

Journal Of Medical Microbiology

2.380

Profesor Norazmi Bin Mohd Nor

Proteoliposomes from *Mycobacterium smegmatis* induce immune cross-reactivity against *Mycobacterium tuberculosis* antigens in mice

Ramlah Kadir, Alina Puig, Armando Acosta, Fatima Reyes, Giselle Reyes, Jose Luis Perez Quinoy, Lissete Rodriguez, Maria Angeles Garcia, Maria Elena Sarmiento, Nadine Alvarez, Reinier Borrero, Sonsire Fernandez, Yanelys Tirado Vaccine

3.572

Dr Nurulilyana Binti Sansuddin

Statistical Analysis of PM10 Concentrations at Different Locations In Malaysia

Prof Madya Ahmad Shukri Bin Yahaya, Dr Noor Faizah Fitri Binti Md Yusof, Profesor Nor Azam Bin Ramli, Nurul Adyani Binti Ghazali, Wesam Ahmed Al Madhoun

Environmental Monitoring And Assessment

1.436

Prof Madya R. Kuppuswamy

A survey of some metallographic etching reagents for restoration of obliterated engraved marks on aluminium-silicon alloy surfaces

Mohd. Firdaus Che Amran, Norjaidi Uli

Forensic Science International

1.821

Encik S. Daniel Robert

Glycemic Responses of Patients with Type 2 Diabetes to Individual Carbohydrate-Rich Foods and Mixed Meals

Profesor Ab Aziz Al Safi Bin Ismail

Annals Of Nutrition And Metabolism

2.173

Dr Sakinah Binti Harith

Dietary compliance and its association with glycemic control among poorly controlled type 2 diabetic outpatients in Hospital Universiti Sains Malaysia.

Puan Juliana Binti Shamsudin, Tan Sze Lin

Malaysian Journal Of Nutrition

Khas

Dr See Too Wei Cun

UBC and YWHAZ as suitable reference genes for accurate normalisation of gene expression using MCF7, HCT116 and HepG2 cell lines
Dr Few Ling Ling, Dr Khoo Boon Yin, Chua Siang Ling
Cytotechnology
1.277

Dr Soo Kah Leng

Dietary practices among overweight and obese Chinese children in Kota Bharu, Kelantan
Prof Madya Abd Manaf Bin Hamid, Profesor Wan Abdul Manan Bin Wan Muda, Lee Yi Yi
Malaysian Journal Of Nutrition
Khas

Encik T. Nataraja Moorthy

Estimation of stature based on foot length of Malays in Malaysia
Dr Mohamad Hadzri Bin Yaacob, Prof Madya Pt Jayaprakash, Mohamed Khairulmazidah
Australian Journal Of Forensic Sciences
0.500

Pusat Pengajian Sains Kimia**Prof Madya Afidah Binti Abdul Rahim**

Investigation of some schiff bases as corrosion inhibitors for aluminium alloy in 0.5 M hydrochloric acid solutions
Prof Madya Hasnah Binti Osman, Affaizza Binti Mohamad Shah, Solhan Yahya, Tamilarasasi Muniandy, Pandian Bothi Raja
Surface Review And Letters
0.357

Corrosion Inhibition of Mild Steel in 1 M HCl Solution by Xylophia Ferruginea Leaves from Different Extract and Partitions
Prof Madya Hasnah Binti Osman, Wan Elyn Amira Wan Adnan, Khalijah Awang, Pandian Bothi Raja
International Journal Of Electrochemical Science
2.808

The influence of SiC particles on the corrosion resistance of electroless, Cu-P composite coating in 1 M HCl
Profesor Norita Binti Mohamed, Soheila Faraji, Coswald Stephen Sipaut, Pandian Bothi Raja
Materials Chemistry And Physics
2.356

Electropolymerization of p-toluene sulfonic acid doped polyaniline on copper and its application as a corrosion inhibitor
Profesor Mohd Jain Noordin Bin Mohd Kassim, Mohammad Rashid
Anti-Corrosion Methods And Materials
0.286

Inhibitive effect of Xylophia ferruginea extract on the corrosion of mild steel in 1M HCl medium
Prof Madya Hasnah Binti Osman, Khalijah Awang, Pandian Bothi Raja
International Journal Of Minerals Metallurgy And Materials
0.322

Electroless copper-phosphorus coatings with the addition of silicon carbide (SiC) particles
Profesor Norita Binti Mohamed, Soheila Faraji, Coswald Stephen Sipaut
International Journal Of Minerals Metallurgy And Materials
0.322

Acid corrosion inhibition of copper by Mangrove tannins
Affaizza Binti Mohamad Shah, Solhan Yahya, Shafida Abd Hamid, Pandian Bothi Raja
Pigment And Resin Technology
0.581

Corrosion inhibition of mild steel in 1 HCl solution by Xylophia ferruginea alkaloid bark extracts
Prof Madya Hasnah Binti Osman, Wan Elyn Amira Wan Adnan, Khalijah Awang, Pandian Bothi Raja
Research Journal Of Chemistry And Environment
0.292

Profesor Bahruddin Bin Saad

Ionophore-based potentiometric sensors for the flow-injection determination of promethazine hydrochloride in pharmaceutical formulations and human urine

Prof Madya Afidah Binti Abdul Rahim, Prof Madya Rohana Binti Adnan, Profesor Sulaiman Bin Ab Ghani, Marina Mokhtar, Norariza Ahmad, Ahmed Khudhair Hassan, Suad Mustafa Al-Araji, Suham Towfiq Ameen

Sensors

1.774

Determination of underivatized polyamines: A review of analytical methods and applications

Nabil N. Al-Hadithi

Analytical Letters

0.920

Liquid-phase and dispersive liquid-liquid microextraction techniques with derivatization: Recent applications in bioanalysis

Abdulmumin A. Nuhu, Dr Chanbasha Basheer

Journal Of Chromatography B-Analytical Technologies In The Biomedical And Life Sciences

2.971

Stability-indicating micellar electrokinetic chromatography method for the analysis of sumatriptan succinate in pharmaceutical formulations

Profesor Ishak Bin Mat, Chai Yuan Tat, Khaldun M. Al Azzam, Hassan Y. Aboul-Enein

Journal Of Pharmaceutical And Biomedical Analysis

2.733

Rapid determination of sphinganine and sphingosine in urine by high performance liquid chromatography using monolithic column

Profesor Baharuddin Bin Salleh, Tien Ping Lee, Wejdan Shakir Khayoon

Journal Of Liquid Chromatography And Related Technologies

0.953

A solid bar microextraction method for the liquid chromatographic determination of trace diclofenac, ibuprofen and carbamazepine in river water

Manfred Grote, Nabil Al-Hadithi

Mikrochimica Acta

2.578

Profesor Boey Peng Lim

Pyrolysis of residual palm oil in spent bleaching clay by modified tubular furnace and analysis of the products by GC-MS

Dato' Profesor Muhammad Idiris Bin Saleh, Norzahir Sapawe, Gaanty Pragas Maniam, Shangeetha Ganesan, Dafaalla Mohamed Hag Ali

Journal Of Analytical And Applied Pyrolysis

2.234

Chemical constituents and antibacterial activity of Melastoma malabathricum L.

Dafaalla Mohamed Hag Ali, Wong Keng Chong

Natural Product Research

0.906

Regeneration and utilization of oil-leden spent bleaching clay via in situ transesterification and calcination

Gaanty Pragas Maniam, Shangeetha Ganesan

Journal Of The American Oil Chemists Society

1.587

Profesor Farook A/L Adam

The synthesis of organic carbonates over nanocrystalline CaO prepared via microemulsion technique

Wong Min Siang

Catalysis Communications

2.827

The synthesis of heterogeneous 7-amino-1-naphthalene sulfonic acid immobilized silica nano particles and its catalytic activity

Kasim M. Hello, Maysun R. Benaaisha

Journal Of The Taiwan Institute Of Chemical Engineers

1.260

2-Amino-1-(3-sulfonatopropyl)- pyridinium monohydrate

Profesor Fun Hoong Kun, Chien-Wen Kueh, Tammar H. Ali, Mohd Mustaqim Rosli
Acta Crystallographica Section E: Structure Reports Online
0.413

The heterogenation of L-phenylalanine-Ru(III) complex and its application as catalyst in esterification of ethyl alcohol with acetic acid.

Chai Suk Jin, Kasim M. Hello
Chemical Engineering Research And Design
1.519

Prof Madya Hasnah Binti Osman

Synthesis and antimicrobial properties of some new thiazolyl coumarin derivatives
Profesor Chan Kit Lam, Puan Suriyati Binti Mohamad, Anis Safirah Mohd Zahariluddin, Afsheen Arshad, Mark C. Bagley
European Journal Of Medicinal Chemistry
3.193

Synthesis and discovery of novel hexacyclic cage compounds as inhibitors of acetylcholinesterase

Profesor Rusli Bin Ismail, Prof Madya Tan Soo Choon, Ang Chee Wei, Yeong Keng Yoon, Elumalai Manogaran, Suresh Pandian, Mohamed Ashraf Ali, Raju Suresh Kumar
Bioorganic And Medicinal Chemistry Letters
2.661

16-[(E)-4-Bromobenzylidene]-13-(4-bromophenyl)-2-hydroxy-11-methyl-1,11-diazapentacyc

lo-[12.3.1.02,10.03,8.010,14]octadeca-3(8),4,6-triene-9,15-dione
Profesor Fun Hoong Kun, Jia Hao Goh, Subbu Perumal, Raju Suresh Kumar
Acta Crystallographica Section E: Structure Reports Online
0.413

5-[(E)-2-Fluorobenzylidene]-8-(2-fluorophenyl)-2-hydroxy-10-methyl-3,10-diazahexacyc

lo-[10.7.1.13,7.02,11.07,11.016,20]henicosa-1(20),12,14,16,18-pentaen-6-one
Profesor Fun Hoong Kun, Chin Sing Yeap, Raju Suresh Kumar
Acta Crystallographica Section E: Structure Reports Online
0.413

(3E,5E)-3,5-dibenzylidene-1-[3-(piperidin-1-yl)propano-yl]piperidin-4-one

Profesor Fun Hoong Kun, Dr Vikneswaran A/L Murugaiyah, Yalda Kia, Madhukar Hemamalini
Acta Crystallographica Section E: Structure Reports Online
0.413

(E)-2-(4-Methylbenzylidene)hydrazinecarboxamide

Profesor Fun Hoong Kun, Dr Vikneswaran A/L Murugaiyah, Yalda Kia, Madhukar Hemamilini
Acta Crystallographica Section E: Structure Reports Online
0.413

A facile three-component [3+2]-cycloaddition/annulation domino protocol for the regio- and diastereoselective synthesis of novel penta- and hexacyclic cage systems, involving the generation of two heterocyclic rings and five contiguous stereocenters

Profesor Rusli Bin Ismail, Prof Madya Tan Soo Choon, J. Carlos Menendez, Subbu Perumal, Mohamed Ashraf Ali, Raju Suresh Kumar
Tetrahedron
3.011

(E)-6-Bromo-3-{2-[2-(2-meth-oxy-benzyl-idene)hydrazine-yl]1,3-thiazol-4yl}-2H-chromen-2-one

Profesor Chan Kit Lam, Profesor Fun Hoong Kun, Afsheen Arshad, Madhukar Hemamalini
Acta Crystallographica Section E: Structure Reports Online
0.413

6-Bromo-3-{2-[2-(diphenylmethylene)hydrazinyl]1,3-thiazol-5-yl}-2H-chromen-2-one chloroform monosolvate

Profesor Chan Kit Lam, Profesor Fun Hoong Kun, Afsheen Arshad, Madhukar Hemamalini
Acta Crystallographica Section E: Structure Reports Online
0.413

(E)-3-{2-[1-(3-Hydroxyphenyl)ethylidene]hydrazinyl}-1,3-thiazol-4-yl}-2H-chromen-2-one

Profesor Chan Kit Lam, Profesor Fun Hoong Kun, Afsheen Arshad, Madhukar Hemamalini

Acta Crystallographica Section E: Structure Reports Online

0.413

(E)-6-Bromo-3-{(2-[2-chlorobenzyl)hydrazinyl]thiazol-5-yl}-2H-chromen-2-one dimethyl sulfoxide monosolvate

Profesor Chan Kit Lam, Profesor Fun Hoong Kun, Afsheen Arshad, Madhukar Hemamalini

Acta Crystallographica Section E: Structure Reports Online

0.413

(E)-6-Bromo-3-{(2-[4-chlorobenzyl)hydrazinyl]thiazol-5-yl}-2H-chromen-2-one

Profesor Chan Kit Lam, Profesor Fun Hoong Kun, Afsheen Arshad, Madhukar Hemamalini

Acta Crystallographica Section E: Structure Reports Online

0.413

5-[(E)-Benzylidene]-2-hydroxy-8,9-diphenyl- 3,10-diazahexacyclo- [10.7.1.13,7.02,11.07,11.016,20]henicos-1(19),12(20),13,15,17-pentaen-6-one

Profesor Fun Hoong Kun, Encik Mohd Mustaqim Bin Rosli, Yalda Kia, Raju Suresh Kumar

Acta Crystallographica Section E: Structure Reports Online

0.413

5-[(E)-4-Fluorobenzylidene]-8-(4-fluorophenyl)- 2-hydroxy-9-phenyl-3,10-diazahexacyclo[10.7.1.13,7.02,11.07,11.016,20]- henicos-1(20),12,14,16,18-pentaen-6-one

Dr Aisyah Saad Binti Abdul Rahim, Profesor Fun Hoong Kun, Madhukar Hemamalini, Raju Suresh Kumar

Acta Crystallographica Section E: Structure Reports Online

0.413

14-Hydroxy-11-[(E)-4-methoxybenzylidene]- 8-(4-methoxyphenyl)-5-thia-3,13-diazaheptacyclo[13.7.1.19,13.02,9.02,14.- 03,7.019,23]tetracosa-1(22),15(23),16,- 18,20-pentaen-10-one

Dr Aisyah Saad Binti Abdul Rahim, Profesor Fun Hoong Kun, Madhukar Hemamalini, Raju Suresh Kumar

Acta Crystallographica Section E: Structure Reports Online

0.413

Dr Hassan Hadi Abd Allah

Theoretical Study of the Gauche and Trans Conformers of SiH₂X-CH₂X, SiH₂F-CH₂Y and SiH₂Y-CH₂F (X = F, Cl, Br, I and Y = Cl, Br, I) in the Gas and Solution Phases

Anusha Ghoorun, Benazir Bhonoah, Ponnadurai Ramasami

Journal Of Solution Chemistry

1.335

Geometries and electronic structures of Ga₂Se₃, Ga₃Se₂ and their anions. Theoretical insights

E.F. Archibong, N. Seeburrun, Ponnadurai Ramasami

European Physical Journal D

1.513

Structural properties and vibrational spectra of 2-formyloxazole and its 2-thioformyl and 2-selenoformyl derivatives

Zhi Xiang Wong, Zulhusni B. Saad, Shu Xian Chong, Abdulaziz A. Al-Saadi

Journal Of Molecular Structure

1.599

1,3-Dipolar cycloaddition of 1H-pyrazinium-3-olate and N1- and C-methyl substituted pyrazinium-3-olates with methyl acrylate: A density functional theory study

John A. Joule, Luis R. Domingo, Lydia Rhyman, Ponnadurai Ramasami, Sabina Jhaumeer-Lauloo

Tetrahedron

3.011

Prof Madya Mas Rosemal Hakim Bin Mas Haris

Thermal properties of modified banana trunk fibers

Kathiresan Sathasivam

Journal Of Thermal Analysis And Calorimetry

1.752

The sorption of cadmium(II) ions on mercerized rice husk and activated carbon

Prof Madya Baharin Bin Azahari, Chong Wan Reng, Kathiresan Sathasivam, Nor Aimi Abdul Wahab

Turkish Journal Of Chemistry

0.756

Effect of different cooking methods on proximate and mineral composition of striped snakehead fish (*Channa striatus*, Bloch)

K. Marimuthu, Kathiresan Sathasivam, M. Thilaga, R. Xavier

Journal Of Food Science And Technology

0.477

Prof Madya Mohamad Nasir Bin Mohamad Ibrahim

Corrosion Inhibition of Mild Steel by Kraft and Soda Lignins Extracted from Oil Palm Empty Fruit Bunch

Prof Madya Afidah Binti Abdul Rahim, Ebrahim Akbarzadeh

International Journal Of Electrochemical Science

2.808

Profesor Mohd Asri Bin Mohd Nawi

Immobilized bilayer TiO₂/chitosan system for the removal of phenol under irradiation by a 45 watt compact fluorescent lamp

Prof Madya Wan Saime Bin Wan Ngah, Ali H.Jawad, Sumiyyah Binti Sabar

Desalination

1.851

Profesor Mohd Jain Noordin Bin Mohd Kassim

The corrosion inhibition and adsorption behavior of Uncaria gambir extract on mild steel in 1 M HCl

M. Hazwan Hussin

Materials Chemistry And Physics

2.356

Electrochemical, Thermodynamic and Adsorption Studies of (+)-Catechin Hydrate as Natural Mild Steel Corrosion Inhibitor in 1 M HCl

M. Hazwan Hussin

International Journal Of Electrochemical Science

2.808

Dato' Profesor Muhammad Idiris Bin Saleh

Samarium(III)picratetetraethyleneglycol complex: Photoluminescence study and active material in monolayer electroluminescent

Eny Kusrini, Nk Zaaba, Wh Abd Majid, Yoki Yulizar

Journal Of Luminescence

1.797

Effect of TDI and FA- 703 on physico-mechanical properties of polyurethane dispersion

Profesor Bahruddin Bin Saad, Profesor Ir Dr Mahyuddin Bin Ramli, El-Sayed Moussa Negim

Journal Of Applied Polymer Science

1.240

Effects of Surfactants on the Properties of Styrene/Methacrylate -type Superplasticizer in Cement Paste

Profesor Bahruddin Bin Saad, Profesor Ir Dr Mahyuddin Bin Ramli, Lyazzat Bekbayeva, El-Sayed Moussa Negim

Polymer-Plastics Technology And Engineering

0.557

Profesor Norita Binti Mohamed

Electrogenerative removal of cobalt from sulphate solutions using a batch reactor

Tan Wan Xin

Clean-Soil Air Water

1.507

Catalytic Application of Gold Nanoparticles Electrodeposited by Fast Scan Cyclic Voltammetry to Glycerol Electrooxidation in Alkaline Electrolyte

Mohammad Etesami

International Journal Of Electrochemical Science

2.808

Electrooxidation of ethylene glycol using gold nanoparticles electrodeposited on pencil graphite in alkaline medium

Mohammad Etesami

Science In China Series B-Chemistry

1.042

Electrochemical Deposition of Gold Nanoparticles on Pencil Graphite by Fast Scan Cyclic Voltammetry

Fatemeh Salehi Karoonian, Mohammad Etesami

Journal Of The Chinese Chemical Society

0.718

Dr Oo Chuan Wei

3-[5-(2,4-Dichlorophenyl)-1-phenyl-4,5-dihydro-1H-pyrazol-3-yl]-4-hydroxy-2H-chromen-2-one

Profesor Fun Hoong Kun, Prof Madya Hasnah Binti Osman, Encik Mohd Mustaqim Bin Rosli, Mohammad Asad

Acta Crystallographica Section E: Structure Reports Online

0.413

4-Hydroxy-3-[(4-hydroxy-6-methyl-2-oxo-3,6-dihydro-2H-pyran-3-yl)(3-thienyl)methyl]-6-methyl-3,6-dihydro-2H-pyran-2-one

Profesor Fun Hoong Kun, Prof Madya Hasnah Binti Osman, Madhukar Hemamalini, Mohammad Asad

Acta Crystallographica Section E: Structure Reports Online

0.413

7-Fluoro-4-oxochromene-3-carbaldehyde

Profesor Fun Hoong Kun, Prof Madya Hasnah Binti Osman, Madhukar Hemamalini, Mohammad Asad

Acta Crystallographica Section E: Structure Reports Online

0.413

4-Hydroxy-3-[(4-hydroxy-2-oxo-2H-3-chromenyl)(3-thienyl)methyl]-2H-chromen-2-one

Profesor Fun Hoong Kun, Prof Madya Hasnah Binti Osman, Encik Mohd Mustaqim Bin Rosli, Mohammad Asad

Acta Crystallographica Section E: Structure Reports Online

0.413

2-[(E)-(2,4-Dichlorobenzylidene)amino]isoindoline-1,3-dione

Profesor Fun Hoong Kun, Prof Madya Hasnah Binti Osman, Madhukar Hemamalini, Mohammad Asad

Acta Crystallographica Section E: Structure Reports Online

0.413

3-Hydroxy-2-[(2-hydroxy-4,4-dimethyl-6-oxocyclohex-1-en-1-yl)(thiophen-3-yl)methyl]-5,5-dimethylcyclohex-2-en-1-one

Profesor Fun Hoong Kun, Prof Madya Hasnah Binti Osman, Encik Mohd Mustaqim Bin Rosli, Mohammad Asad

Acta Crystallographica Section E: Structure Reports Online

0.413

Prof Madya Rohana Binti Adnan

Molecular Simulation of Unusual Dynamical properties of quinoline in liquid phase

Norariza Ahmad, C Millot, J.-C.Soetens

Epl-Europhysics Letters

2.753

Synthesis of Au/Al₂O₃ Nanocatalyst and its Application in the Reduction of p-nitrophenol

Hanani Yazid, Muhammad Akhyar Farrukh, Shafida Abdul Hamid

Journal Of The Chinese Chemical Society

0.718

ZnO nanoflake arrays prepared via anodization and their performance in the photodegradation of methyl orange

Huey-Shya Goh, Muhammad Akhyar Farrukh

Turkish Journal Of Chemistry

0.756

Dr Rosenani Binti S.M. Anwarul Haque

1,3-Bis(2-cyanobenzyl)imidazolium bromide

Profesor Fun Hoong Kun, Zulikha H. Zetty, Safaa A. Ahmed, Madhukar Hemamalini

Acta Crystallographica Section E: Structure Reports Online

0.413

New N-heterocyclic carbene mercury(II) complexes: Close mercuryarene interaction

Dr Hassan Hadi Abd Allah, Profesor Teoh Siang Guan, Abbas Washeel Salman

Journal Of Organometallic Chemistry

2.205

Bis(1-benzyl-3-methylimidazolium-jC2)- mercury(II) bis(hexafluoridophosphate)

Profesor Fun Hoong Kun, Abbas Washeel Salman, Madhukar Hemamalini

Acta Crystallographica Section E: Structure Reports Online

0.413

3,30-Diallyl-1,10-[o-phenylenebis(methylene)] diimidazol-3-iium bis(hexafluorophosphate)

Profesor Fun Hoong Kun, Madhukar Hemamalini, Mohammed Z. Ghdhayeb

Acta Crystallographica Section E: Structure Reports Online

0.413

3,30-Di-n-propyl-1,10-[p-phenylenebis- (methylene)]diimidazolium dibromide

Profesor Fun Hoong Kun, Madhukar Hemamalini, S. Fatimah Nasri

Acta Crystallographica Section E: Structure Reports Online

0.413

2,4-Bis[(3-allylimidazolium-1-yl)methyl]- mesitylene bis(hexafluoridophosphate)

Profesor Fun Hoong Kun, Madhukar Hemamalini, Mohammed Z. Ghdhayeb

Acta Crystallographica Section E: Structure Reports Online

0.413

3,300-[1,2-Phenylenebis(methylene)]bis(1- heptylbenzimidazolium) dibromide monohydrate

Profesor Fun Hoong Kun, Madhukar Hemamalini, Muhammad Adnan Iqbal

Acta Crystallographica Section E: Structure Reports Online

0.413

3,300-Dibenzyl-1,100-(2,4,6-trimethyl-mphenylenedimethylene)diimidazol-3-iium dibromide

Profesor Fun Hoong Kun, Paremala Nadarajan, Abbas Washeel Salman, Madhukar Hemamalini

Acta Crystallographica Section E: Structure Reports Online

0.413

2,4-Bis[(3-butylimidazol-3-iium-1-yl)-methyl]-1,3,5-trimethylbenzene bis(hexafluorophosphate)

Profesor Fun Hoong Kun, Abbas Washeel Salman, Madhukar Hemamalini

Acta Crystallographica Section E: Structure Reports Online

0.413

1,3-Bis[(3-allylimidazol-3-iium-1-yl)- methyl]benzene bis(hexafluoridophosphate)

Profesor Fun Hoong Kun, Dr Hassan Hadi Abd Allah, Dr Quah Ching Kheng, Mohammed Z. Ghdhayeb

Acta Crystallographica Section E: Structure Reports Online

0.413

Potassium bis[bis(1-benzyl-3-methylimidazolium) silver(I)] tris(hexafluoridophosphate)

Profesor Fun Hoong Kun, Dr Quah Ching Kheng, Choong Kah Whai, Abbas Washeel Salman

Acta Crystallographica Section E: Structure Reports Online

0.413

Prof Madya Seng Chye Eng

The effects of nickel(II) and chromium(VI) on oxygen demand, nitrogen and metal removal in a sequencing batch reactor

Profesor Lim Poh Eng, Khor Siok Moi, Ng Si Ling

Environmental Technology

1.007

Inhibitory effect of 2,4-dichlorophenol on nitrogen removal in a sequencing batch reactor

Khor Siok Moi, Lim Jun Wei, Ng Si Ling

Korean Journal Of Chemical Engineering

0.748

Profesor Sulaiman Bin Ab.Ghani

Electrochemical study of glycerol of cooking palm oil with glycerol dehydrogenase at polymers modified electrodes

Profesor Mohammed Razip Bin Samian, Zahraa A. Jarjes

International Journal Of Electrochemical Science

2.808

Profesor Teoh Siang Guan

(Z)-2-(5-Methyl-2-oxoindolin-3-ylidene)-N-phenylhydrazinecarbothioamide

Dr Abdussalam Salhin Mohamed Ali, Profesor Fun Hoong Kun, Amna Qasem Ali, Naser Eltaher Eltayeb

Acta Crystallographica Section E: Structure Reports Online

0.413

(Z)-2-(5-Chloro-2-oxoindolin-3-ylidene)-N-phenylhydrazinecarbothioamide

Dr Abdussalam Salhin Mohamed Ali, Profesor Fun Hoong Kun, Amna Qasem Ali, Naser Eltaher Eltayeb

Acta Crystallographica Section E: Structure Reports Online

0.413

(E)-2-{{[1-Carboxy-2-(1H-indol-3-yl)ethyliminio]methyl}-6-hydroxyphenolate}

Salah Ahmed Ba-Salamah, Lo Kong Mun, Naser Eltaher Eltayeb

Acta Crystallographica Section E: Structure Reports Online

0.413

2-(5,6-Dihydrobenzimidazo[1,2-c]quinazolin-6-yl)-5-methylphenol

Profesor Fun Hoong Kun, Madhukar Hemamalini, Naser Eltaher Eltayeb

Acta Crystallographica Section E: Structure Reports Online

0.413

2-(5,6-Dihydrobenzimidazo[1,2-c]quinazolin-6-yl)-5-methoxyphenol

Profesor Fun Hoong Kun, Suchada Chantrapromma, Naser Eltaher Eltayeb

Acta Crystallographica Section E: Structure Reports Online

0.413

2-(5,6-Dihydrobenzimidazo[1,2-c]quinazolin-6-yl)-6-ethoxyphenol

Lo Kong Mun, Naser Eltaher Eltayeb

Acta Crystallographica Section E: Structure Reports Online

0.413

(4-Chloro-3-nitrobenzoato)triphenyltin(IV)

Profesor Fun Hoong Kun, Choong Chen Shang, Yip Foo Win, Quah Ching Kheng

Acta Crystallographica Section E: Structure Reports Online

0.413

catena-Poly[[triphenyltin(IV)]-u-5-amino-2-nitrobenzoato-k2O1: O1']

Profesor Fun Hoong Kun, Choong Chen Shang, Yip Foo Win, Quah Ching Kheng

Acta Crystallographica Section E: Structure Reports Online

0.413

2-(5,6-Dihydrobenzimidazo[1,2-c]quinazolin-6-yl)phenol

Profesor Fun Hoong Kun, Naser Eltaher Eltayeb, Quah Ching Kheng

Acta Crystallographica Section E: Structure Reports Online

0.413

Synthesis, Crystal Structure and Luminescent Properties of Some Zn(II) Schiff Base Complexes: Experimental and Computational Study

Profesor Fun Hoong Kun, Prof Madya Rohana Binti Adnan, Jeannie Bee-Jan Teh, Naser Eltaher Eltayeb

Journal Of Fluorescence

1.966

(2-{{[2-(1H-Benzimidazol-2-yl- κ N3)phenyl]iminomethyl- κ N}- 5-methylphenolato- κ O)chloridozinc(II)

Profesor Fun Hoong Kun, Suchada Chantrapromma, Naser Eltaher Eltayeb

Acta Crystallographica Section E: Structure Reports Online

0.413

Bis(μ2-2-amino-5-nitrobenzoato)bis(2-amino-5-nitrobenzoato)octabutyldi-μ3-oxido-tetratin(IV)

Profesor Fun Hoong Kun, Yeap Chin Sing, Choong Chen Shang, Yip Foo Win

Acta Crystallographica Section E: Structure Reports Online

0.413

(E)-2-[(2,4-Dihydroxybenzylidene)azaniumyl]-3-(1H-indol-3-yl)propanoate monohydrate

Salah Ahmed Ba-Salamah, Lo Kong Mun, Naser Eltaher Eltayeb

Acta Crystallographica Section E: Structure Reports Online

0.413

[2-(1H-Benzimidazol-2-yl-κN3)aniline-κN]dichloridozinc

Profesor Fun Hoong Kun, Suchada Chantrapromma, Naser Eltaher Eltayeb

Acta Crystallographica Section E: Structure Reports Online

0.413

4-(5,6-Dihydrobenzimidazo[1,2-c]quinazolin-6-yl)benzene-1,3-diol dimethyl sulfoxide monosolvate

Profesor Fun Hoong Kun, Yeap Chin Sing, Naser Eltaher Eltayeb

Acta Crystallographica Section E: Structure Reports Online

0.413

(2,2'-Bipyridyl-κ2N,N')chlorido(DL-threoninato-κ2N,O1)copper(II) monohydrate

Profesor Fun Hoong Kun, Mohd Mustaqim Rosli, Tan Yi Han

Acta Crystallographica Section E: Structure Reports Online

0.413

3-[(E)-[(4-Formylphenyl)iminiumyl]methyl]naphthalen-2-olate

Profesor Fun Hoong Kun, Prof Madya Hasnah Binti Osman, Abeer Mohamed Farag, Hemamalini Madhukar

Acta Crystallographica Section E: Structure Reports Online

0.413

2-Amino-4-chlorobenzoic acid

Profesor Fun Hoong Kun, Prof Madya Hasnah Binti Osman, Abeer Mohamed Farag, Yeap Chin Sing

Acta Crystallographica Section E: Structure Reports Online

0.413

Prof Madya Wan Saime Bin Wan Ngah

Isotherm and kinetic studies on the adsorption of humic acid onto chitosan-H₂SO₄ beads

Noor Aishah Yosop, Sharon Fatinathan

Desalination

1.851

Adsorption behavior of Pb(II) onto xanthated rubber (*Hevea brasiliensis*) leaf powder

Megat Ahmad Kamal Megat Handafiah, Siti Zaiton Mat So'ad, Wan Khaima Azira Wan Mat Khalir

Polish Journal Of Chemical Technology

0.333

Profesor Yeap Guan Yeow

Synthesis and mesomorphic properties of 4-(methylthio)benzylidene-4'-n-alkanyloxyanilines

Ha Sie Tiong, Lee Teck Leong, Lin Hong Cheu, Masato M Ito, Ramesh T Subramaniam

Asian Journal Of Chemistry

0.247

Nematogenic and smectogenic liquid crystals from new heterocyclic isoflavone derivatives: Synthesis, characterization and X-ray diffraction studies

Dr Yam Wan Sinn

Chinese Chemical Letters

0.775

Synthesis and mesomorphic evaluation of new calamitic liquid crystals containing benzothiazole core

Ha Sie Tiong, Koh Teck Ming, Lee Siew Ling, Lee Teck Leong, Lin Hong Cheu, Ramesh T Subramaniam

Chinese Chemical Letters

0.775

Mesomorphic behavior of new azomethine liquid crystals having terminal iodo group

Ayumu Saito, Ha Sie Tiong, Lee Teck Leong, Masaaki Watanabe, Masato M Ito

Chinese Chemical Letters

0.775

Synthesis, 2D NMR and X-ray diffraction studies on Cu(II) and Ni(II) complexes with ligands derived from azobenzene-cored Schiff base: Mesomorphic behaviors of Cu(II)-phenolates and crystal structure of bis[4-(4-alkoxy-2-hydroxybenzylideneamino)azoben

Heng Boon Teck, Daisuke Takeuchi, Ewa Gorecka, Masaki Kakeya, Masato M Ito

Journal Of Molecular Structure

1.599

Synthesis, anisotropic behaviour and structural changes in some para-substituted isoflavones: 4'-substituted-7-(4"-decyloxybenzoyloxy)-4H-1-benzopyran-4-ones

Dr Yam Wan Sinn, Chang Wen Sheng, Daisuke Takeuchi, Ewa Gorecka, Kohtaro Osakada

Phase Transitions

1.006

Synthesis, thermal and optical behaviour of non-symmetric liquid crystal dimers α -(4-benzylidene-substituted-aniline-4'-oxy)- ω -[pentyl-4-(4'-phenyl)benzoateoxy]hexane

Profesor Wan Ahmad Kamil Bin Che Mahmood, Lee Huey Charn, Corrie T Ilmrie, Daisuke Takeuchi, Kohtaro Osakada

Phase Transitions

1.006

Synthesis and phase transition studies on non-symmetric liquid crystal dimers: N-(4-(n-(4-(benzothiazol-2-yl)phenoxy)alkyloxy)-benzylidene)- 4-chloroanilines

Profesor Wan Ahmad Kamil Bin Che Mahmood, Ong Chin Hin, Daisuke Takeuchi, Elham A.Al-Taifi, Masato M Ito

Phase Transitions

1.006

Influence of bromoalkyloxy side chain on mesomorphic behavior in heterocyclic 7-(4-bromoalkyloxy)-3-(4'-decyloxyphenyl)-4H-1-benzopyran-4-ones

Dr Yam Wan Sinn, Chan Tze Nee, Daisuke Takeuchi, Masato M Ito

Chinese Chemical Letters

0.775

Pusat Pengajian Sains Komputer

Profesor Abdullah Zawawi Bin Talib

Empirical Performance Evaluation of Raster-to-Vector Conversion Methods: A Study on Multi-Level

Interactions bewteen Different Factors

Hasan S.M. Al-Khaffaf, Rosalina Abdul Salam

IEICE Transactions On Information And Systems

0.268

Dr Aman Bin Jantan

SLA-Based Complementary Approach for Network Intrusion Detection

Prof Madya Wan Tat Chee, Abdul Ghani Ali Ahmed

Computer Communications

0.816

Prof Madya Azman Bin Samsudin

A symmetric image encryption scheme based on combination of nonlinear chaotic maps

Afshin Akhshani, Amir Akhavan

Journal Of The Franklin Institute

1.508

A novel dynamic model of pseudo random number generator

Afshin Akhshani, Amir Akhavan, Sohrab Behnia

Journal Of Computational And Applied Mathematics

1.030

Prof Madya Dhanesh A/L Ramachandram

A survey of the state of the art in learning the kernels

Profesor Mandava Rajeswari, Mohammad Ehsan Abbasnejad

Knowledge And Information Systems

2.008

Prof Madya Fazilah Binti Haron

A cellular automata model for circular movements of pedestrians during Tawaf

Profesor Abdullah Zawawi Bin Talib, Siamak Sarmady

Simulation Modelling Practice And Theory

0.736

Applying TRIZ principles in crowd management

Profesor Abdullah Zawawi Bin Talib, Profesor Ahamad Tajudin Bin Khader, Siamak Sarmady, Soo Chin Pin

Safety Science

1.637

Jasy Liew Suet Yan

CDES: A pixel-based crowd density estimation system for Masjid al-Haram

Prof Madya Fazilah Binti Haron, Halimatul Saadiah Md. Yatim, Nor Liza Hussain, Norhaida Hussain

Safety Science

1.637

Prof Madya Nur'Aini Binti Abdul Rashid

Thermodynamic Heuristics with Case-Based Reasoning: Combined Insights for RNA Pseudoknot Secondary Structure

Profesor Rosni Binti Abdullah @ Mustafa, Ra'ed M. Al-Khatib

Journal Of Biomolecular Structure And Dynamics

4.986

Prof Madya Wan Tat Chee

Conference gateway for heterogeneous clients: Real time switching clients and interasterisk exchange clients

Manjur Sk, Mosleh Abu-Alhaj, Ahmed M. Manasrah, Omar Abouabdalla, Rahmat Budiarto

International Journal Of Innovative Computing, Information And Control

1.667

A Secure Mobile Ad hoc Network Based on Distributed Certificate Authority

Rahmat Budiarto, Seyed Amin Hosseini Seno

Arabian Journal For Science And Engineering

0.224

A routing layer-based hierarchical service advertisement and discovery for MANETs

Rahmat Budiarto, Seyed Amin Hosseini Seno

Ad Hoc Networks

1.592

EMS-MAC: Energy Efficient Contention-Based Medium Access Control Protocol for Mobile Sensor Networks

Alireza Taghizadeh, Mahdi Zareei, Rahmat Budiarto

Computer Journal

1.363

Pusat Pengajaran Sains Matematik**Profesor Abd Rahni Bin Mt Piah**

Improved sufficient conditions for monotonic piecewise rational quartic interpolation

Keith Unsworth

Sains Malaysiana

Khas

Profesor Ahmad Izani Bin Md Ismail

The coupled viscous burgers equations with fractional-time derivative by the homotopy perturbation method

M. Ghoreishi, A. Rashid

Journal Of Computational Analysis And Applications

0.453

A special newton iteration for computing inverse matrix roots

Dr Azhana Binti Ahmad, Amir Sadeghi

Applied And Computational Mathematics

0.857

Comparison between homotopy analysis method and optimal homotopy asymptotic method for nth-order integro-differential equation

M. Ghoreishi, A.K. Alomari

Mathematical Methods In The Applied Sciences

0.840

Application of the homotopy analysis method for solving a model for HIV infection of CD4+T-cells

M. Ghoreishi, A.K. Alomari

Mathematical And Computer Modelling

1.066

Solution of a strongly coupled reaction-diffusion system by the homotopy analysis method

M. Ghoreishi, A. Rashid

Bulletin Of The Belgian Mathematical Society - Simon Stevin

0.341

Prof Madya Andrew Rajah A/L Balasingam Gnanaraj

Moufang Loops of Odd Order p1p2...pnq3

Chee Wing Loon

Bulletin Of The Malaysian Mathematical Sciences Society

0.696

Moufang Loops of Odd Order p3q3

Chee Wing Loon

International Journal Of Algebra And Computation

0.537

Prof Madya Duraisamy Sambasivam Sankar

FDM analysis for MHD flow of a non-Newtonian fluid for blood flow in stenosed arteries

Usik Lee

Journal Of Mechanical Science And Technology

0.412

Dr Farah Aini Binti Abdullah

The (G'/G)-Expansion Method for Abundant Traveling Wave Solutions of Caudrey-Dodd-Gibbon Equation

Hasibun Naher, M. Ali Akbar

Mathematical Problems In Engineering

0.689

Dr Joshua Ignatius

Combinatorial auction under fuzzy environment

Dr Adli Bin Mustafa, Mohammad Mehdi Sepehri, Seyyed Mahdi Hossein Motlagh, Young-Jou Lai

Expert Systems With Applications

1.926

Dr Lee See Keong

Convolution of Harmonic Mappings on the Exterior Unit Disk and the Generalized Hypergeometric Functions

Profesor Dato' Rosihan Bin Mohamed Ali, B. Adolf Stephen, K. G. Subramanian

Bulletin Of The Belgian Mathematical Society - Simon Stevin

0.341

Profesor Michael Khoo Boon Chong

A synthetic double sampling control chart for the process mean

How Chinh Lee, Chung-Ho Chen, Philippe Castagliola, Zhang Wu

IIE Transactions

1.186

The synthetic Xbar chart with estimated parameters

Philippe Castagliola, Ying Zhang, Zhang Wu

IIE Transactions

1.186

Optimal Designs of the Multivariate Synthetic Chart for Monitoring the Process Mean Vector Based on Median Run Length

V. H. Wong, Philippe Castagliola, Zhang Wu

Quality And Reliability Engineering International

0.459

A Comparison Study on Effectiveness and Robustness of Control Charts for Monitoring Process Mean and Variance*Di Wen, Yanjing Ou, Zhang Wu*

Quality And Reliability Engineering International

0.459

The Variable Sampling Interval Xbar Chart with Estimated Parameters*Philippe Castagliola, Ying Zhang, Zhang Wu*

Quality And Reliability Engineering International

0.459

Prof Madya Norhashidah Binti Mohd Ali

On the Convergence of the Preconditioned Group Rotated Iterative Methods In The Solution of Elliptic PDEs

Abdulkafi Mohammed Saeed

Applied Mathematics & Information Sciences

0.642

Dr Nuzlinda Binti Abdul Rahman

Pemetaan Kes Kemortalan Bayi di Semenanjung Malaysia Menggunakan Kaedah Bayes Empirik

Abdul Aziz Jemain, Ahmad Mahir Razali, Kamarulzaman Ibrahim

Sains Malaysiana

Khas

Profesor Dato' Rosihan Bin Mohamed Ali

Janowski starlikeness for a class of analytic functions

R. Chandrashekhar, V. Ravichandran

Applied Mathematics Letters

1.155

Integral operators on Ma-Minda type starlike and convex functions

V. Ravichandran

Mathematical And Computer Modelling

1.066

Subordination and superordination for multivalent functions associated with the Dziok-Srivastava operator

Nak Eun Cho, Oh Sang Kwon, V. Ravichandran

Journal Of Inequalities And Applications

0.879

Second-order differential subordination for analytic functions with fixed initial coefficient

Sumit Nagpal, V. Ravichandran

Bulletin Of The Malaysian Mathematical Sciences Society

0.696

Prof Madya Roslan Bin Hasni @ Abdullah

On the outer-connected domination in graphs

M.H. Akhbari, H. Karami, O. Favaron, S.M. Sheikholeslami

Journal Of Combinatorial Optimization

0.843

Bounds for energy of some nanostar dendrimers

M.H. Akhbari, Saeid Alikhani

Optoelectronics And Advanced Materials Rapid Communications

0.477

Chromatic polynomials of certain families of dendrimer nanostars

Nabeel E. Arif, Saeid Alikhani

Digest Journal Of Nanomaterials And Biostructures

2.079

On the eccentric connectivity index of certain molecular graphs

Mohammad A. Iranmanesh, Saeid Alikhani

Digest Journal Of Nanomaterials And Biostructures

2.079

Chromaticity of bipartite graphs with seven edges deleted

Y.H. Peng
Ars Combinatoria
0.441

Dr Saratha A/P Sathasivam

Logic Mining in neural network: reverse analysis method
Profesor Wan Ahmad Tajuddin Wan Abdullah
Computing
0.959

Dr Syakila Binti Ahmad

Boundary Layer Flow Over A Moving Surface in A Nanofluid Beneath A Uniform Free Stream
Azizah Mohd Rohni, Ioan Pop
International Journal Of Numerical Methods For Heat And Fluid Flow
0.527

Dr Yazariah Binti Mohd Yatim

Similarity solutions for unsteady shear stress-driven flow of Newtonian and power-law fluids: Slender rivulets and dry patches
Dr Brian R. Duffy, Professor Stephen K. Wilson
Journal Of Engineering Mathematics
0.799

Similarity Solutions For Unsteady Gravity-Driven Slender Rivulets

Dr Brian R. Duffy, Dr Roland Hunt, Professor Stephen K. Wilson
Quarterly Journal Of Mechanics And Applied Mathematics
0.964

Profesor Zarita Binti Zainuddin

Modelling the independence factor and its effect on the preferred force of the Social Force Model in emergency and non-emergency situations
Mohammed Mahmod Ahmad Shuaib
Applied Mathematics & Information Sciences
0.642

Modified wavelet neural network in function approximation and its application in prediction of time-series pollution data

Ong Pauline
Applied Soft Computing Journal
2.097

Reliable multiclass cancer classification of microarray gene expression profiles using an improved wavelet neural network

Ong Pauline
Expert Systems With Applications
1.926

Interval type-2 fuzzy neural networks version of the Stone-Weirstrass theorem

Saeed Panahian Fard
Neurocomputing
1.442

Modification of the Decision-Making Capability in the Social Force Model for the evacuation process

Mohammed Mahmod Ahmad Shuaib
Transport Theory And Statistical Physics
0.489

Pusat Pengajian Sains Pergigian

Dr Akram Bin Hassan

An In Vitro Study to Evaluate the Genotoxicity of Value-Added Hydroxyapatite as a Bone Replacement Material
Dasan Swaminathan
Sains Malaysiana
Khas

Dr Azlina Binti Ahmad

Lipopolysaccharide-mediated induction of calprotectin in the submandibular and parotid glands of mice
Chenjuan Yao, Jun-Ichi Kido, Kazuo Hosoi, Purejav Javkhlan, Takahiro Hasegawa, Tetsuya Akamatsu, Toshihito Nagata, Yuka Hiroshima
Inflammation
1.777

Induction of Sca-1 in the duct cells of the mouse submandibular gland by obstruction of the main excretory duct
Chenjuan Yao, Daisuke Tsuji, Kazuo Hosoi, Kohji Itoh, Mileva Ratko Karabasil, Nunuk Purwanti, Purejav Javkhlan, Takahiro Hasegawa, Tetsuya Akamatsu
Journal Of Oral Pathology And Medicine
2.075

Dr Dasmawati Binti Mohamad

Synthesis of Nanosilica Fillers for Experimental Dental Nanocomposites and Their Characterisations
Profesor Hazizan Bin Md Akil, Tuan Noraihan Azila Tuan Rahim, Prof Madya Dr Abdul Rashid Ismail
Journal Of Physical Science
Khas

Prof Madya Rozita Hassan

Craniofacial morphology of Malay patients with obstructive sleep apnoea
Profesor Ab Rani Bin Samsudin, Osama B. Albajalan
European Journal Of Orthodontics
0.932

Skeletal, dentoalveolar, and soft tissue cephalometric measurements of Malay transfusion-dependent thalassaemia patients
Prof Madya Ariffin Bin Nasir, Prof Madya Rosline Bt Hassan, Heba Ahmed Toman
European Journal Of Orthodontics
0.932

Dr T. P. Kannan

In Vitro Cytotoxic Evaluation of Processed Natural Coral in Human Osteoblasts
Puan Nor Shamsuria Binti Omar, Puan Siti Fadilah Binti Abdullah, Prof Madya Suzina Bt. Sheikh Abdul Hamid, Abdul Rani Samsudin, Abdul Rashid Ismail
International Journal Of Toxicology
1.762

Prof Madya Zainul Ahmad Bin Rajion

Tooth Size and Dental Arch Dimensions: A Stereophotogrammetric Study in Southeast Asian Malays
Prof Madya Rozita Hassan, Prof Madya Sam'an Malik Masudi, Ali Rajih Al-Khatib, Anderson Pj, Professor Grant Townsend
Orthodontics & Craniofacial Research
1.809

Pusat Pengajian Sains Perubatan**Prof Madya Abdul Razak Bin Sulaiman**

A Modified Surgical Technique for Neglected Fracture of Lateral Humeral Condyle in Children.
Dr Emil Fazliq Bin Mohd, Dr Ismail Bin Munajat
Journal Of Pediatric Orthopaedics Part B
0.421

Reliability and accuracy of the tape measurement method with a nearest reading of 5 mm in the assessment of leg length discrepancy.
Dr Juhara Binti Haron, Dr Kamarul Imran Bin Musa, Prof Madya Mohd Ezane Bin Aziz, Jamaluddin Shafie, Nordin Simbak
Singapore Medical Journal
0.730

Profesor Ahmad Sukari Bin Halim

Antiproliferative Effect of Methanolic Extraction of Tualang Honey on Human Keloid Fibroblasts
Prof Madya Gan Siew Hua, Prof Madya Shaharum Bin Shamsuddin, Nurul Syazana Mohamad Shah
Bmc Complementary And Alternative Medicine
2.195

Tualang honey has higher phenolic content and greater radical scavenging activity compared with other honey sources

Prof Madya K. N. S. Sirajudeen, Nurul Syazana Mohamad Shah, R Krishna Kishore

Nutrition Research

2.092

Dr Arman Zaharil Bin Mat Saad

The use of glycerol-preserved skin allograft in conjunction with reconstructive and flap surgery: Seven years of experience.

Profesor Ahmad Sukari Bin Halim, Dr Khoo Teng Lye

Journal Of Reconstructive Microsurgery

0.830

Dr Azian Binti Harun

Development and validation of a multiplex PCR for detection of *Scedosporium* spp. in respiratory tract specimens from patients with cystic fibrosis

Christopher Blyth, Felix Gilgado, Peter Middleton, Sharon Chen, Wieland Meyer

Journal Of Clinical Microbiology

4.220

Prof Madya Baharudin Bin Abdullah

A videoendoscopic evaluation of the upper airway in South East Asian adults with obstructive sleep apnea

Prof Madya Suzina Bt. Sheikh Abdul Hamid, Prof Madya Wan Mohd Zahiruddin Bin Wan Mohammad, Khairul Azhar M Rajet

Sleep And Breathing

1.684

Dr Chan Yean Yean

Dry-reagent gold nanoparticle-based lateral flow biosensor for the simultaneous detection of *Vibrio cholerae* serogroups O1 and O139

Choo Yee Yu, Chua Ang Lim, Geik Yong Ang, Armando Acosta, Elina Husni Tan, Fátima Reyes, Gustavo Falero-Diaz, Irelia Rodríguez, Manickam Ravichandran, María E. Sarmiento, Oscar Otero, Pathabhiraman Lalitha, Santanu Ghosh, Su Yin Lee, Thandavarayan Ramamurthy

Journal Of Microbiological Methods

2.018

Fatal necrotizing pneumonia caused by Panton-valentine leukocidin-producing hospital-acquired *Staphylococcus aureus*: A case report

Prof Madya Habsah Bt Hasan, Hassanain Al-Talib, Sami M. Al-Ashwal, Manickam Ravichandran

Japanese Journal Of Infectious Diseases

1.367

Electrochemical genosensor for specific detection of the food-borne pathogen, *Vibrio cholerae*

Kim-Fatt Low, Kritsanaporn Chuenrangsikul, Patsamon Rijiravanich, Werasak Surareungchai

World Journal Of Microbiology And Biotechnology

1.214

Dr Chen Chee Keong

Effects of acute supplementation of Panax ginseng on endurance running performance in a hot and humid environment

Amit Bandyopadhyay, Fadzel Wong Chee Ping

Indian Journal Of Medical Research

1.826

Dr Chew Keng Sheng

A Survey On The Influence Of Chinese Cultural Health Beliefs Among Malaysian Chinese In a Suburban Population

Ooi Yew Tie, Tan Tai Wei

Singapore Medical Journal

0.730

A Survey on The Knowledge, Attitude and Confidence Level of Adult Cardiopulmonary Resuscitation Among Junior Doctors in Hospital Universiti Sains Malaysia and Hospital Raja Perempuan Zainab II, Kota Bharu, Kelantan, Malaysia.

Dr Abu Yazid Bin Md Noh, Dr Ida Zarina Bte Zaini, Dr Mohd Hashairi Bin Fauzi, Prof Madya Nik Hisamuddin Nik Ab. Rahman,

Dr Shaik Farid Abdull Wahab

Medical Journal Of Malaysia

Khas

Prof Madya Gan Siew Hua

Method development and validation for the simultaneous determination of imatinib mesylate and N-desmethyl imatinib using rapid resolution high performance liquid chromatography coupled with UV-detection

Profesor Ravindran Ankathil, Tan Ka Liang

Journal Of Chromatography B-Analytical Technologies In The Biomedical And Life Sciences

2.971

1 Introduction Resistance is a common phenomenon reported with antimalarial agents and is the prime determinant of antimalarial drugs' lifespan. One of the ways in reducing development of resistance is to use drug combinations such as artesunate and

Wardah Yusof

Toxicology Mechanisms And Methods

0.844

High catechin concentrations detected in *Withania somnifera* (ashwagandha) by high performance liquid chromatography analysis

Prof Madya Siti Amrah Bte Sulaiman, Moniruzaman, Monzur Hussain, Nadia Alam, Md. Ibrahim Khalil

Bmc Complementary And Alternative Medicine

2.195

Factors That Influence Pain Intensity and Fentanyl Requirements After a Gynecologic Laparotomy

Profesor Nik Abdullah Bin Nik Mohamad, Peter Tan Chee Seong

Pain Management Nursing

1.039

CYP3A4*18 Polymorphisms and Anti-Hepatitis A Virus Seroprevalence

Dr Nazri Mustaffa, Dr Nor Aizal Binti Che Hamzah, Fazlina Ahmad

Hepato-Gastroenterology

0.677

Prof Madya Hasanah Binti Che Ismail

Factors influencing the quality of life in patients with HIV in Malaysia

Dr. Mahiran, Dr. Zaliha

Quality Of Life Research

1.958

Dr Irfan Bin Mohamad

The Prevalence of Anatomical Variations in Osteomeatal Unit in Patients with Chronic Rhinosinusitis

Dr Rohaizan Binti Yunus, Dr Shamim Ahmed Khan, Azila Alias

Medical Journal Of Malaysia

Khas

Intraparotid facial nerve schwannoma: A case report

Dr Muhamad Yusri Bin Musa, Profesor Shahid Hasan, Dr Venkatesh R. Naik

Medical Journal Of Malaysia

Khas

Harmonic scalpel for a bloodless partial glossectomy

Prof Madya Baharudin Bin Abdullah, Profesor Shahid Hasan, Ali Ango Yaroko

Medical Journal Of Malaysia

Khas

MJMS at the dawn of its electronic era

Wan Ilma Dewiputri

Malaysian Journal Of Medical Sciences

Khas

Outcome of a newborn hearing screening program in a tertiary hospital in Malaysia: The first five years

Profesor Dinsuhaimi Bin Sidek, Prof Madya Mohd Khairi Bin Md Daud, Cik Suzana Binti Mansor, Amirozi Ahmad

Annals Of Saudi Medicine

0.697

A child with epistaxis, reduced hearing and cervical lymphadenopathy: A rare case of nasopharyngeal carcinoma in a child

Muhammad Izani Shiyuti, Suhaimi Yusof

Malaysian Family Physician

Khas

Synchronous Mucoepidermoid Carcinoma of the Right Upper Eyelid and Right Parotid Gland in a Young Patient

Dr Nik Fariza Husna Binti Nik Hassan, Profesor Nor Hayati Bte Othman, Maha Kadun, Wong Chun Yiing

Malaysian Journal Of Medicine And Health Sciences

Khas

Acute Upper Airway Obstruction Secondary to Gunshot Injury Splitting Cervical Vertebra

Dr Muhamad Yusri Bin Musa, Adil S Abdal Razaq

Annals Academy Of Medicine Singapore

1.203

Salivary Duct Carcinoma in the Neck

Dr V. M. K. Bhavaraju, Dr Venkatesh R. Naik, Dr Wan Shah Jihan B. Wan Din, Muhammad Izani Shiyuti

Annals Academy Of Medicine Singapore

1.203

Melanocytic variant of medullary thyroid carcinoma in a previously treated papillary thyroid carcinoma

Dr Venkatesh R. Naik, Nazli Zainuddin, Norzaliana Zawawi

Annals Academy Of Medicine Singapore

1.203

Prof Madya K. N. S. Sirajudeen

Effects of antenatal, postpartum and post-weaning melatonin supplementation on blood pressure and renal antioxidant enzyme activities in spontaneously hypertensive rats

Prof Madya Rahimah Bt. Zakaria, Arunkumar Sundaram, S.K. Lee, Professor H.J.Singh

Journal Of Physiology And Biochemistry

1.357

Effect of cross-fostering on renal anti-oxidant/oxidant status and development of hypertension in spontaneously hypertensive rats

Prof Madya Rahimah Bt. Zakaria, A.Sundaram, S.K. Lee, Professor H.J. Singh

Clinical And Experimental Pharmacology And Physiology

1.960

Dr Khoo Teng Lye

A prospective, randomised, double-blinded trial to study the efficacy of topical tocotrienol in the prevention of hyper trophic scars

Profesor Ahmad Sukari Bin Halim, Dr Arman Zaharil Bin Mat Saad, Encik Lau Hut Yee, Wu Loo Yee, Zairizam Zakaria

Journal Of Plastic Reconstructive And Aesthetic Surgery

1.660

Dr Kirnpal Kaur A/P Banga Singh

Demonstration of an outer membrane protein that is antigenically specific for *Acinetobacter baumannii*.

Profesor Asma Binti Ismail, Shafiqul Islam A.H.M

Diagnostic Microbiology And Infectious Disease

2.426

Dr Lee Yeong Yeh

Development and validation of a probe allowing accurate and continuous monitoring of location of squamo-columnar junction

Andrew Kelman, Angela A Wirz, Chris Hardy, Donald Smith, Elaine V Robertson, James Gh Whiting, John P Seenan, Kenneth E.L. Mccoll, Mohammad H Derakhshan, Patricia Connolly

Medical Engineering And Physics

1.909

Sociocultural and dietary practices among Malay subjects in the north-eastern region of Peninsular Malaysia:

A region of low prevalence of *Helicobacter pylori* infection

Profesor Choo Keng Ee, Dr Kamarul Imran Bin Musa, Dr Nazri Mustaffa, Dr Noorizan Binti H A Majid, Ahmad Wazi Ismail,

David Y Graham, Hoda M Malaty, Mohammad H Derakhshan, S Mahendra Raj

Helicobacter

3.109

Validity and reliability of the Malay-language translation of the Rome III Diagnostic Questionnaire for irritable bowel syndrome

Anuar Waid, Andrew Chua Seng Boon, Tan Huck Joo, William E. Whitehead

Journal Of Gastroenterology And Hepatology

2.410

Dr Mahaneem Bt Mohamed

Antioxidant Protective Effect of Honey in Cigarette Smoke-Induced Testicular Damage in Rats

Prof Madya Hasnan Bin Jaafar, Prof Madya K. N. S. Sirajudeen, Prof Madya Siti Amrah Bte Sulaiman

International Journal Of Molecular Sciences

2.279

Dr Mohd Hashairi Bin Fauzi

An eight-year review of blood culture and susceptibility among sepsis cases in an emergency department in Northeastern Malaysia

Prof Madya Habsah Bt Hasan, Prof Madya Zakuan Zainy Bin Deris, Azlan Kamaluddin

Tropical Biomedicine

0.581

Prof Madya Mohd Imran Bin Yusof

Translaminar screw Fixation of the cervical spine in Asian population: Feasibility and safety consideration based on computerized tomographic measurements

Samir Shamsi Mohammed Shamsi

Surgical And Radiologic Anatomy

0.827

Prof Madya Mohd Khairi Bin Md Daud

Anxiety of the mothers with referred baby during Universal Newborn Hearing Screening

Dr Affizal Binti Ahmad, Dr Mohd Normani Bin Zakaria, Prof Madya Normastura Bt. Abd. Rahman, Cik Suzana Binti Mansor,

Noor Rafidah Kamaruddin

International Journal Of Pediatric Otorhinolaryngology

1.067

Screening of dental staff nurses for noise induced hearing loss

Profesor Dinsuhaimi Bin Sidek, Dr Mohd Normani Bin Zakaria, Prof Madya Normastura Bt. Abd. Rahman, Nor Farizan Md

Noh, Norhani Abd Rani

Acta Oto-Rhino-Laryngologica Belgica

0.202

Dr Nazri Mustaffa

Add-on rosiglitazone therapy improves plasminogen activity and high-density lipoprotein cholesterol in type 2 diabetes mellitus

Prof Madya Wan Zaidah Abdullah, Prof Madya Zurkurnai Bin Yusof, Suhairi Ibrahim

Blood Coagulation And Fibrinolysis

1.408

Dr Nor Aizal Binti Che Hamzah

Anti-hepatitis A seroprevalence among chronic viral hepatitis patients in Kelantan, Malaysia

Prof Madya Gan Siew Hua, Dr Nazri Mustaffa, Fazlina Ahmad

World Journal Of Gastroenterology

2.240

Prof Madya Norsaadah Bachok

Diagnosis Delay of Breast Cancer and its Associated Factors in Malaysian Women

Profesor Biswa Mohan Biswal, Profesor Syed Hatim Bin Noor, Krishna G Rampal, Rahmah Mohd Amin

Bmc Cancer

3.153

Dr Rafidah Hanim Binti Shomiad @ Shueb

Fatal persistence of West Nile virus subtype Kunjin in the brains of flavivirus resistant mice

John Papadimitriou, Nadezda Urosevic

Virus Research

2.905

Profesor Ravindran Ankathil

Association of ARG72PRO OF P53 Polymorphism with Colorectal Cancer Susceptibility Risk in Malaysian Population

Ahmad Aizat Abdul Aziz, Mohd Aminudin Mustapha, Ahmad Shanwani Mohd Sidek, Muhammad Radzi Abu Hassan, Zaidi Zakaria, Siti Nurfatimah Mohd Shahpudin

Asian Pacific Journal Of Cancer Prevention: APJCP

1.240

Prof Madya Rosline Bt Hassan

Low incidence of FLT3 gene mutation among Malay patients with acute myeloid leukaemia: A preliminary study

Profesor Abdul Aziz Bin Baba, Encik Abu Dzarr Ganesh Bin Abdullah, Cik Ang Cheng Yong, Dr Azlan Bin Husin, Dr Sarina Sulong, Cik Selamat Bt Ghazali, Nurul Ain Fathma Abdullah

Asia-Pacific Journal Of Molecular Biology And Biotechnology

Khas

Prof Madya Shatriah Bt. Ismail

Recurrent bilateral orbital myositis in a Malay child: A case report and literature review

Dr Adil Bin Hussein, Dr Rohaizan Binti Yunus, Dr Venkatesh R. Naik, Rasdi Abd Rashid

Annals Of Tropical Paediatrics: International Child Health

0.966

Intravitreal ranibizumab for choroidal neovascularisation in Best's Vitelliform Macular Dystrophy in a 6-year-old boy

Prof Madya Wan Hazabbah Bin Wan Hitam, Fatemeh Heidary, Hanizasurana Hashim, Nor Fariza Ngah, Tara Mary George
Journal Of Pediatric Ophthalmology And Strabismus

0.463

Ocular burns and related injuries due to firecrackers during Aidil Fitri celebration in East Coast of Peninsular Malaysia

Dr Adil Bin Hussein, Prof Madya Wan Hazabbah Bin Wan Hitam, Fatemeh Heidary, Rasdi Abd Rashid, Nor Anite Che Omar, Rohana Abd Rashid, Zulkifli Abd Ghani, Zuraidah Mustari

Burns

1.718

Prof Madya Siti Amrah Bte Sulaiman

Phenolic Acid Composition and Antioxidant Properties of Malaysian Honeys

Prof Madya Gan Siew Hua, M. Moniruzzaman, Nadia Alam, Md. Ibrahim Khalil

Journal Of Food Science

1.733

Dr Teguh Haryo Sasongko

Deletion analysis of SMN1 exon 7 alone may be necessary and sufficient for the diagnosis of spinal muscular atrophy

Profesor Zabidi Azhar Bin Husin @ Mohd Hussin, Profesor Zilfalil Bin Alwi, Gunadi

Journal Of Neurogenetics

1.950

Prof Madya Zeehaida Mohamed

Strongyloides stercoralis induced bilateral blood stained pleural effusion in patient with recurrent Non-Hodgkin lymphoma

Dr Siti Asma' Binti Hassan, Dr Thin Thin Win @ Safiya

Tropical Biomedicine

0.581

Strongyloides stercoralis in common vegetables and herbs in Kota Bharu, Kelantan, Malaysia

Puan Maimunah Binti Ahmad, Encik Nik Zairi Zakaria, Profesor Rahmah Binti Noordin, Madiah Basuni

Tropical Biomedicine

0.581

Profesor Zilfalil Bin Alwi

A New Method for FMR1 Gene Methylation Screening by Multiplex Methylation-Specific Real-Time Polymerase Chain Reaction

Profesor Ravindran Ankathil, Dr Salmi Binti Ab. Razak, Marjanu Hikmah Binti Elias, Pornprot Limprasert, Wanna Sudhikaran
Genetic Testing And Molecular Biomarkers

0.879

Prevalence and Molecular Study of G6PD Deficiency in Malaysian Orang Asli*Endom Ismail, Farahnaz Amini*

Internal Medicine Journal

1.626

De Novo Interstitial Deletion of 1q32.2-q32.3 Including the Entire IRF6 Gene in a Patient with Oral Cleft and Other Dysmorphic Features*Profesor Ahmad Sukari Bin Halim, Dr Wan Azman Bin Wan Sulaiman, Iman Salahshourifar, Natasya Naili Muhamad Nor, Roziana Ariffin*

Cytogenetic And Genome Research

1.783

Analysis of Sequence Variations in Low Density Lipoprotein Receptor Gene among Malaysian Patients with Familial Hypercholesterolemia*Dr Mohd Sapawi Bin Mohamed, Dr Suhairi Ibrahim, Dr Teguh Haryo Sasongko, Prof Madya Zurkurnai Bin Yusof, Alyaa R. Al Khateeb, Mohd Khairi Zahri*

BMC Medical Genetics

2.439

Prof Madya Zunaina Binti Embong**Anti-inflammatory and antioxidant effects of Tualang honey in alkali injury on the eyes of rabbits:****Experimental animal study***Prof Madya Bakiah Binti Shaharuddin, Prof Madya K. N. S. Sirajudeen, Prof Madya Siti Amrah Bte Sulaiman, Dr Venkatesh R. Naik, Bashkaran Karuppannan*

BMC Complementary And Alternative Medicine

2.195

Intravitreal triamcinolone versus laser photocoagulation as a primary treatment for diabetic macular oedema – a comparative pilot study*Prof Madya Bakiah Binti Shaharuddin, Norlaili Mustapha*

BMC Ophthalmology

1.375

Intraocular nematode with diffuse unilateral subacute neuroretinitis: Case report*Munira Yusoff, Azma Azalina Ahmad Alwi, Mariyani Mad Said, Sakinah Zakariah, Zulkifli Abdul Ghani*

BMC Ophthalmology

1.375

Pusat Pengajian Siswazah Perniagaan**Dr Effiezal Aswadi Bin Abdul Wahab****Audit Fees in Malaysia: Does Corporate Governance Matter?***Kieran James, Mazlina Mat Zain*

Asian Academy Of Management Journal Of Accounting And Finance

Khas

Profesor Datin Ruhani Binti Ali**Stock Market Overreaction and Trading Volume: Evidence from Malaysia***Prof Madya Zamri Bin Ahmad, Shangkari V. Anusakumar*

Asian Academy Of Management Journal Of Accounting And Finance

Khas

Dr Yusliza Bt Che Awang @ Mohd. Yusoff**Self-Efficacy, Perceived Social Support, and Psychological Adjustment in International Undergraduate****Students in a Public Higher Education Institution in Malaysia**

Journal Of Studies In International Education

0.739

Pusat Pengajian Teknologi Industri

Profesor Abdul Khalil Bin H. P. Shawkataly

Woven hybrid composites: Tensile and flexural properties of oil palm-woven jute fibres based epoxy composites

Prof Madya Azhar Bin Abu Bakar, Mohammad Jawaid

Materials Science & Engineering A-Structural Materials Properties Microstructure And Processing

2.101

Exploring isolated lignin material from oil palm biomass waste in green composites

Dr Issam A. Mohammed, Marlina Binti Mohd Mahadar, I.O.Bakare

Materials & Design

1.696

High surface area activated carbon prepared from agricultural biomass: Empty fruit bunch (EFB), bamboo stem and coconut shells by chemical activation with H₃PO₄

Prof Madya Ahmad Bin Md Noor, Profesor Hazizan Bin Md Akil, Parisha Firoozian, Aamir Hussain Bhat, Irshad Ul Haq Bhat

Materials Technology

0.595

Dielectric and Material Properties of Poly (Vinyl Alcohol): Based Modified Red Mud Polymer Nanocomposites

A.K.Banthia, Aamir Hussain Bhat, Irshad Ul Haq Bhat

Journal Of Polymers And The Environment

1.507

Cell Wall Morphology, Chemical and Thermal Analysis of Cultivated Pineapple Leaf Fibres for Industrial Applications

Prof Madya A. Rahman Bin Mohamed, Cik Siti Suhailly Binti Surip, Mohammad Jawaid, W. O. Wan Nadirah, Abeer A. Al Masri

Journal Of Polymers And The Environment

1.507

Hybrid composites of oil palm empty fruit bunches/woven jute fiber: Chemical resistance, physical, and Impact Properties

Prof Madya Azhar Bin Abu Bakar, Mohammad Jawaid

Journal Of Composite Materials

0.971

Effect of Anhydride Modification on the Thermal Stability of Cultivated Acacia mangium

Dr Issam A. Mohammed, Khairul B. Awang, I.O.Bakare, Irshad Ul Haq Bhat

Journal Of Wood Chemistry And Technology

1.167

Dr Arniza Binti Ghazali

Evidence for Paper Strength Improvement by Inclusion of Fines Generated from APMP EFB

Profesor Wan Rosli Bin Wan Daud, Nurul Hasanah Binti Kamaludin

Journal Of Sustainability Science And Management

Khas

Effects of Multiple Chemical Impregnation on App Of EFB

Profesor Wan Rosli Bin Wan Daud, Mohd Azli Khairil Bin Mat Lazin, Yunita Megasari Dermawan

Cellulose Chemistry And Technology

0.292

The use of date palm as a potential adsorbent for wastewater treatment: A review

Prof Madya Mohamad Nasir Bin Mohamad Ibrahim, Dr Mohd Rafatullah, Profesor Othman Bin Sulaiman, Prof Madya Rokiah Binti Hashim, Mohammed Danish, Tanweer Ahmad

Environmental Science And Pollution Research

2.870

Profesor Azhar Bin Mat Easa

Textural and structural breakdown properties of selected hydrocolloid gels

Prof Madya Liong Min Tze, Foo Wan Teck

Food Research International

2.416

Prof Madya Fazilah Binti Ariffin

Antioxidant capacity and phenolic composition of Centella asiatica herbal teas

Profesor Abd Karim Bin Alias, Prof Madya Nurul Huda, Chew Shio Heong, Bhupinder Kaur

Journal Of The Science Of Food And Agriculture

1.360

Profesor Gulam Rusul Bin Rahmat Ali

Prevalence and antibiotic resistance of *Salmonella* serovars in ducks, duck rearing and processing environments in Penang, Malaysia

Prof Madya Nurul Huda, Adzitey Frederick

Food Research International

2.416

Dr Issam A. Mohammed

Synthesis, deblocking and cure reaction studies of secondary alcohol-blocked isocyanates

Govindarajan Sankar

High Performance Polymers

1.318

Catalysis of Secondary Alcohol Blocked Isocyanate-Hydroxyl Terminated Polybutadiene Cure Reaction

Govindarajan Sankar

Polymer Science - Series B

0.421

Effect of Methylene Spacers of Unsaturated Polyester Resins on the Properties of Composites Based on Oil

Palm Empty Fruit Bunches and Fiberglass

Profesor Abdul Khalil Bin H. P. Shawkataly, Noorshashillawati Azura Binti Mohammad

Advanced Composite Materials: The Official Journal Of The Japan Society Of Composite Materials

0.358

Synthesis and Characterization of a New Heterocyclic Azo Pigment

Profesor Abdul Khalil Bin H. P. Shawkataly, Asniza Mustapha

Sains Malaysiana

Khas

Physical and Mechanical Properties of Different Ratios of Palm Oil-Based Alkyd/Epoxy Resins

Dr Mazlan Bin Ibrahim, Nurul Khizrien Abd Khadir

Polymer-Plastics Technology And Engineering

0.557

Dr Leh Cheu Peng

Anthraquinone-Aided Hydrogen Peroxide Reinforced Oxygen Delignification of Oil Palm (*Elaeis guineensis*)

EFB Pulp: A Two-Level Factorial Design

Dr Arniza Binti Ghazali, Ng Soo Huey

Cellulose Chemistry And Technology

0.292

Prof Madya Liong Min Tze

Hypocholesterolemic effects of probiotic-fermented dairy products.

Prof Madya Rosma Binti Ahmad, Profesor Yuen Kah Hay, Ooi Lay Gaik

Milchwissenschaft

0.416

ACE inhibitory activity and bioconversion of isoflavones by Lactobacillus in soymilk supplemented with

B-vitamins

Profesor Abd Karim Bin Alias, Prof Madya Rajeev Bhat, Puan Wan Nadiah Binti Wan Abdullah, Ewe Joo Ann

British Food Journal

0.784

Development of soy-based cream cheese via the addition of microbial transglutaminase, soy protein isolate and maltodextrin

Profesor Abd Karim Bin Alias, Profesor Azhar Bin Mat Easa, Prof Madya Rajeev Bhat, Lim Ting Jin

British Food Journal

0.784

Development of a Probiotic Delivery System from Agrowastes, Soy Protein Isolate, and Microbial Transglutaminase

Profesor Azhar Bin Mat Easa, Prof Madya Rajeev Bhat, Lew Lee Ching, Lim Ting Jin, Yew Sok Eng

Journal Of Food Science

1.733

Development of probiotic carriers using microbial transglutaminase-crosslinked soy protein isolate incorporated with agrowastes

Profesor Azhar Bin Mat Easa, Prof Madya Rajeev Bhat, Lew Lee Ching

Journal Of The Science Of Food And Agriculture

1.360

Physicochemical characterization of alkali treated fractions from corncob and wheat straw and the production of nanofibres

Prof Madya Rajeev Bhat, Profesor Yuen Kah Hay, Kuan Chiu Yin

Food Research International

2.416

Enhanced growth and bioconversion of isoflavones in prebiotic-soymilk fermented by UV-treated lactobacilli and bifidobacteria

Yeo Siok Koon

International Journal Of Food Sciences And Nutrition

0.778

Probiotic properties of bifidobacteria and lactobacilli isolated from local dairy products

Profesor Peh Kok Khiang, Prof Madya Rajeev Bhat, Celestine Tham Sau Chan

Annals Of Microbiology

0.350

Enhanced growth of lactobacilli and bioconversion of isoflavones in biotin-supplemented soymilk by electroporation

Profesor Abd Karim Bin Alias, Puan Wan Nadiah Binti Wan Abdullah, Ewe Joo Ann

International Journal Of Food Sciences And Nutrition

0.778

Prof Madya Mahamad Hakimi Bin Ibrahim

Management of urban solid waste: Vermicomposting a sustainable option

Profesor Othman Bin Sulaiman, Pooja Singh, Ademir S.F. Araujo, Rajeev Pratap Singh

Resources Conservation And Recyclcing

1.974

Dr Mohd Rafatullah

Adsorption of Copper (II) Ions onto Surfactant-Modified Oil Palm Leaf Powder

Profesor Othman Bin Sulaiman, Prof Madya Rokiah Binti Hashim, M.H.M. Amini

Journal Of Dispersion Science And Technology

0.628

Sorption Equilibrium and Thermodynamic Studies of Zinc (II) Ions from Aqueous Solutions by Bamboo Sawdust

Profesor Othman Bin Sulaiman, Prof Madya Rokiah Binti Hashim, N.S. Ghani, Anees Ahmad

Journal Of Dispersion Science And Technology

0.628

Adsorption of Pb(II) Ions from Aqueous Solutions by Date Bead Carbon Activated with ZnCl₂

Profesor Othman Bin Sulaiman, Prof Madya Rokiah Binti Hashim, M. Danish, Anees Ahmad, Govind

Clean-Soil Air Water

1.507

Removal of Zinc (II) Ions from Aqueous Solutions Using Surfactant Modified Bamboo Sawdust

Profesor Othman Bin Sulaiman, Prof Madya Rokiah Binti Hashim, N.S. Ghani

Separation Science And Technology

1.015

Profesor Noor Aziah Binti Abd Aziz

Quality Attributes of Durian(*Durio zibethinus Murr*) juice after pectinase enzyme treatment development of durian juice

Puan Norjana Binti Ismail
International Food Research Journal
Khas

Nutritional and sensory quality of sponge cake prepared by incorporation of high dietary fiber containing mango(*Mangifera indica* var. Chokanan) pulp and peel flours.

Prof Madya Rajeev Bhat, W. Lee Min
International Journal of Food Sciences and Nutrition
0.778

Properties of polyphenol oxidase obtained from *Musa acuminata* x *balbisiana* Colla cv. "Pisang Awak" pulp and peel.

Dr Cheng Lai Hoong, L.C. Chong
Cyta-Journal Of Food
0.345

Evaluation of the processed green and ripe mango peel and pulp flours (*Mangifera indica* var Chokanan)in terms of chemical composition, antioxidant compounds and functional properties.

Dr Cheng Lai Hoong, Prof Madya Rajeev Bhat, Lee Min Wong
Journal Of The Science Of Food And Agriculture
1.360

Prof Madya Norhashimah Binti Morad

Chemical Oxygen Demand (COD) reduction of a reactive dye wastewater using H₂O₂/pyridine/Cu (II) system
Dr Norli Binti Ismail, Profesor Teng Chong Siew @ Teng Tjoon Tow, Lim Chooi Ling
Desalination
1.851

Comparative study on the effectiveness of hydrophobically modified cationic polyacrylamide groups in the flocculation of kaolin

Prof Madya Poh Beng Teik, Profesor Teng Chong Siew @ Teng Tjoon Tow, Lee Khai Ern
Desalination
1.851

Thermal Behavior and Morphological Properties of Novel Magnesium Salt–Polyacrylamide Composite Polymers

Prof Madya Poh Beng Teik, Profesor Teng Chong Siew @ Teng Tjoon Tow, Lee Khai Ern, Imran Khan
Polymer Composites
0.998

Profesor Norziah Binti Mohd Hani

Contribution of microencapsulated n-3 pufa powder toward sensory and oxidative stability of bread
Lu Fung Sieng
Journal Of Food Processing And Preservation
0.523

Prof Madya Nurul Huda

Gelation properties of spent-duck meat surimi-like material produced using acid-alkaline solubilization methods
Dr Ruzita Binti Ahmad, Tina Nurkhoeriyati
Journal Of Food Science
1.733

Pale soft exudative (PSE) and dark firm dry (DFD) meats: Causes and measures to reduce these incidences
Adzitey Frederick
International Food Research Journal

Khas

Salmonellas, poultry house environments and feeds- a review

Adzitey Frederick
Journal Of Animal And Veterinary Advances
0.292

Proximate and physicochemical properties of Peking and Muscovy duck breasts and thighs for further processing

Dr Ruzita Binti Ahmad, Aronal Arief Putra
Journal Of Food, Agriculture And Environment
0.425

Thermal gelation properties and quality characteristics of duck surimi-like material (duckrimi) as affected by the selected washing processes

Ng Xiang Ying
International Food Research Journal
Khas

Physicochemical characteristics and sensory properties of selected Malaysian commercial chicken burgers

Dr Ruzita Binti Ahmad, Kurnia Ramadhan
International Food Research Journal
Khas

Effect of polydextrose on physicochemical properties of threadfin bream (*Nemipterus spp*) surimi during frozen storage

Profesor Azhar Bin Mat Easa, Prof Madya Fazilah Binti Ariffin, Prof Madya Noryati Binti Ismail, Rodiana Nopianti
Journal Of Food Science And Technology
0.477

Effect of number and washing solutions on functional properties of surimi-like material from duck meat

Dr Ruzita Binti Ahmad, Kurnia Ramadhan
Journal Of Food Science And Technology
0.477

Nutritional properties of spent duck surimi-like material prepared by conventional and acid-alkaline solubilization methods

Dr Ruzita Binti Ahmad, Tina Nurkhoeriyati
International Journal Of Food Sciences And Nutrition
0.778

Effect of *Cosmos caudatus*, *Polygonum minus* and BHT on physical properties, oxidative process and microbiology growth of quail meatball during refrigeration storages

Prof Madya Noryati Binti Ismail, Boni Ikhlas
Journal Of Food Processing And Preservation
0.523

Profesor Othman Bin Sulaiman

Transformation of Acetaminophen by Dichromate Oxidation Produces the Toxicants 1,4 Benzoquinone and Ammonium ions.
Prof Madya Rokiah Binti Hashim, Sabir, S., Tabassum, S.
Journal Of Dispersion Science And Technology
0.628

5-[(E)-(2-Hydroxybenzylidene)amino]- 1H-1,3-benzimidazole-2(3H)-thione

Profesor Fun Hoong Kun, Afzal, M, Tabassum, Z, Hemamalini, M.
Acta Crystallographica Section E: Structure Reports Online
0.413

Cholest-5-ene

Profesor Fun Hoong Kun, Prof Madya Rokiah Binti Hashim, Khan, M.S., Madhukar Hemamalini
Acta Crystallographica Section E: Structure Reports Online
0.413

Physical Characteristics and Weight Relationship of *Gigantochloa scorchedinii* (Buluh Semantan) 1-, 2- and 3-Year Old Natural Stand Bamboos

Prof Madya Rokiah Binti Hashim, Mohamed, A.H., Wahab, R.
Pertanika: Journal Of Tropical Agricultural Science
Khas

Effects of hot oil treatment on colour and chemical changes in 15-year-old Acacia Hybrid

Izyan Khalid, Affendi, H., Aminuddin, M., Hanim, A.R., Wahab, R.

Journal Of Tropical Forest Science

0.519

N,N0-Bis(3b-acetoxy-5a-cholest-6-ylidene)hydrazine

Profesor Fun Hoong Kun, Prof Madya Mohamad Nasir Bin Mohamad Ibrahim, Ching Kheng Quah, Tabassum, Z.

Acta Crystallographica Section E: Structure Reports Online

0.413

Prof Madya Poh Beng Teik

Adhesion properties of epoxidized natural rubber (ENR 50)-based adhesive in the presence of magnesium oxide

N. Saari

Journal Of Elastomers And Plastics

0.510

Effect of molecular weight and testing rate on adhesion property of pressure-sensitive adhesives prepared from epoxidized natural rubber

Imran Khan

Materials & Design

1.696

Viscosity, shear strength, and peel strength on poly(ethylene terephthalate) of (natural rubber)-based adhesives containing hybrid tackifiers

S.Z. Firdaus Syed Putra

Journal Of Vinyl And Additive Technology

0.912

Natural rubber-based pressure-sensitive adhesives: A review

Imran Khan

Journal Of Polymers And The Environment

1.507

Adhesion behavior of natural rubber-based adhesives crosslinked by benzoyl peroxide

S. K. Cheong

Journal Of Applied Polymer Science

1.240

Prof Madya Rajeev Bhat

Effects of Temperature Abuse on the Survival, Growth, and Inactivation of *Salmonella typhimurium* in Goat Milk

Prof Madya Liong Min Tze, Puan Wan Nadiah Binti Wan Abdullah, Suguna Migeemanathan

Foodborne Pathogens And Disease

2.134

Changes in the physico-chemical and biological quality attributes of soil following amendment with untreated coffee processing wastewater

K Velmourougane

European Journal Of Soil Biology

1.741

Enhancement of nutritional value of finger millet-based food (Indian dosa) by co-fermentation with horse gram flour

Brindha Priyadarisini Venkatesan, Bruntha Devi Palanisamy, Sathyabama Sathyaseelan, Vijayabharathi Rajendran

International Journal Of Food Sciences And Nutrition

0.778

Evaluation of nutritional quality of torch ginger (*Etingera elatior* Jack.) inflorescence

Profesor Abd Karim Bin Alias, Jeevani Osadee Wijekoon M M

International Food Research Journal

Khas

Microbial safety of street vended and laboratory prepared dragon-fruit (pitaya) juices in Penang, Malaysia
Prof Madya Liong Min Tze, Puan Wan Nadiah Binti Wan Abdullah, Suguna M
International Food Research Journal
Khas

Influence of sonication treatments and extraction solvents on the phenolics and antioxidants in star fruits
Profesor Abd Karim Bin Alias, Prof Madya Liong Min Tze, Profesor Sharif Mahsufi Bin Mansor, H. V. Annegowda
Journal Of Food Science And Technology
0.477

The free radical scavenging and antioxidant activities of pod and seed extract of Clitoria fairchildiana (Howard)- an underutilized legume
Profesor Abd Karim Bin Alias, Prof Madya Liong Min Tze, Profesor Sharif Mahsufi Bin Mansor, H. V. Annegowda
Journal Of Food Science And Technology
0.477

Prof Madya Rokiah Binti Hashim

2-Methyl-5-nitro-1H-benzimidazole monohydrate
Profesor Fun Hoong Kun, Profesor Othman Bin Sulaiman, Ching Kheng Quah, Raza Murad Ghalib
Acta Crystallographica Section E: Structure Reports Online
0.413

Phytochemical analysis, cytotoxic activity and constituents– activity relationships of the leaves of Cinnamomum iners (Reinw. ex Blume-Lauraceae)
Prof Madya Amin Malik Shah Bin Abdul Majid, Profesor Othman Bin Sulaiman, Zurida Anis, Mehdi, S.H., Rahman, S.Z., Mohamed Khadeer Ahamed Basheer, Raza Murad Ghalib
Natural Product Research
0.906

Crystal structure, ab initio calculations and fingerprint plots of a new polymorph of N,N,N"-triphenylbiuret
Profesor Othman Bin Sulaiman, Mehdi. S.H., Pereira Siva, P.S., Silva, M.R., Raza Murad Ghalib
Journal Of Molecular Structure
1.599

Influence of press temperature on the properties of binderless particleboard made from oil palm trunk
Profesor Othman Bin Sulaiman, Junidah Lamaming, Mohana Baskaran, Norafizah Said, Masatoshi Sato, Salim Hiziroglu, Tomoko Sugimoto
Materials & Design
1.696

Some properties of particleboard panels treated with extractives of Cerbera odollam tree
Profesor Othman Bin Sulaiman, Mohd Hazim Mohd Amini, Faizah Aboot, Fumio Kawamura, Razak Wahab, Salim Hiziroglu
Journal Of Composite Materials
0.971

Sorption of Copper(II) and Nickel(II) Ions from Aqueous Solutions Using Calcium Oxide Activated Date (Phoenix dactylifera) Stone Carbon: Equilibrium, Kinetic, and Thermodynamic Studies
Prof Madya Mohamad Nasir Bin Mohamad Ibrahim, Dr Mohd Rafatullah, Profesor Othman Bin Sulaiman, Mohammaed Danish, Anees Ahmad, Shamsuzzoha, M., Tanweer Ahmad
Journal Of Chemical And Engineering Data
2.089

Synthesis, supramolecularity and in vitro antimicrobial activity of 3a,8a-dihydroxy-2-thioxo-1,3,3a,8a-tetrahydroindeno[1,2-d]imidazol-8(2H)-one
Profesor Othman Bin Sulaiman, Dr Vikneswaran A/L Murugaiyah, Solhe F. Alshahateet, Claira Arul Aruldass, Raza Murad Ghalib, Sayed Hasan Mehdi
Journal Of Molecular Structure
1.599

Synthesis, Crystal Structure, Ab Initio Studies and Fingerprint Plots of 2-Chloro-1,3-dioxo-2,3-dihydro-1H-inden-2-yl acetate
Profesor Othman Bin Sulaiman, Pereira Silva, P.S., Sayed Hasan Mehdi, Silva, M.R., Raza Murad Ghalib
Journal Of Chemical Crystallography
0.666

Synthesis, Crystal Structure and ab Initio Studies of 5-Phenylamino-3-phenylimino-3H[1, 2]dithiole-4-carboxylic acid ethyl ester

Profesor Othman Bin Sulaiman, Pereira Silva, P.S., Raza Murad Ghalib
Journal Of Chemical Crystallography

0.666

A novel caryophyllene type sesquiterpene lactone from Asparagus falcatus (Linn.); Structure elucidation and anti-angiogenic activity on HUVECs

Prof Madya Amin Malik Shah Bin Abdul Majid, Profesor Othman Bin Sulaiman, Arto Valkonen, Fumio Kawamura, Kari Rissanen, Sayed Hasan Mehdi, Srecko R. Trifunovic, Mohamed Khadeer Ahamed Basheer, Raza Murad Ghalib
European Journal Of Medicinal Chemistry

3.193

9-(3,4-Dimethoxyphenyl)-3,4,5,6,7,9- hexahydroxanthene-1,8(2H)-dione

Profesor Fun Hoong Kun, Chin Sing Yeap, Sayed Hasan Mehdi, Raza Murad Ghalib
Acta Crystallographica Section E: Structure Reports Online

0.413

A novel caryophyllene type sesquiterpene lactone from Asparagus falcatus (Linn.); Structure elucidation and anti-angiogenic activity on HUVECs

Prof Madya Amin Malik Shah Bin Abdul Majid, Profesor Othman Bin Sulaiman, Arto Valkonen, Fumio Kawamura, Kari Rissanen , Sayed Hasan Mehdi, Srecko R. Trifunovic, Mohamed Khadeer Ahamed Basheer, Raza Murad Ghalib
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY

3.193

Prof Madya Rosma Binti Ahmad

Determination of aflatoxins in commercial nuts and nut products using liquid chromatography and mass spectrometry

Profesor Aishah Binti Abdul Latiff, Puan Normaliza Binti Abdul Manaf, Noryati Ismail, Leong Yin Hui
World Mycotoxin Journal

1.255

Profesor Rozman Bin Hj Din

A Preliminary Study on Ultraviolet Radiation-Cured Unsaturated Polyester Resin Based on Palm Oil

Dr Tay Guan Seng, A.H, Mahmoud

Polymer-Plastics Technology And Engineering

0.557

Preliminary study on the utilization of lignin as filler in ultra-violet (UV) curable system

Dr Tay Guan Seng, Koay Ee Ling

Journal Of Applied Polymer Science

1.240

Dr Tay Guan Seng

Polyurethane composites derived from glycerol and molasses polyols filled with oil palm empty fruit bunches studied by TG and DMA

Hyoe Hatakeyama, Nanbo Takashi, Tatsuko Hatakeyama

Thermochimica Acta

1.908

Profesor Teng Chong Siew @ Teng Tjoon Tow

Flocculation activity of novel ferric chloride-polyacrylamide (FeCl₃-PAM) hybrid polymer

Prof Madya Norhashimah Binti Morad, Prof Madya Poh Beng Teik, Mohanapriya Mahalingam, Lee Khai Ern

Desalination

1.851

Screening of factors influencing Cu(II) extraction by soybean oil-based organic solvents using fractional factorial design

Dr Norli Binti Ismail, Chang Siu Hua

Journal Of Environmental Management

2.597

Fenton oxidation of carpet dyeing wastewater for removal of COD and color

Kailas L. Wasewar, Pradeep Kumar, Shri Chand

Desalination And Water Treatment

0.752

Profesor Wan Rosli Bin Wan Daud

Effect Of Lignin On Acacia Mangium Kraft Pulps Refining Behaviour

Dr Mazlan Bin Ibrahim, K.N. Law

Cellulose Chemistry And Technology

0.292

Influences of the Operating Variables of Acetosolv Pulping on Pulp Properties of Oil Palm Frond Fibres

Dr Mazlan Bin Ibrahim, Nasrullah Razali, K.N. Law

Maderas-Ciencia Y Tecnologia

0.452

Dr Yusri Bin Yusup

Cluster Analysis of inorganic elements in particulate matter in the air environment of an equatorial urban coastal location

Prof Madya Abbas Fadhl Mubarek Al-Karkhi

Chemistry And Ecology

0.776

Source apportionment of particulate matter in the ambient air of Hyderabad city, India

Murthy Chavali, S. Z. Samadi, Sagareswar Gummeneni

Atmospheric Research

1.597

Pusat Penyelidikan Dasar Dan Kajian Antarabangsa

Dr Goh Soo Khoon

Malaysia's outward FDI: The effects of market size and government policy

Wong Koi Nyen

Journal Of Policy Modeling

0.911

Dr Sazlina Binti Md Salleh

The Effects of Temperature on the Photosynthetic Parameters and Recovery of Two Temperate Benthic Microalgae, *Amphora* Cf. *coffeaeformis* and *Cocconeis* Cf. *sublittoralis* (Bacillariophyceae)

Andrew McMinn

Journal Of Phycology

2.239

Dr Tan Yao Sua

Democratization of secondary education in Malaysia: Attitudes towards schooling and educational aspirations

Asia Pacific Journal Of Education

0.119

Pusat Penyelidikan Kejuruteraan Sungai Dan Saliran Bandar

Dr Mohammad Azamathulla Hazi

Prediction of scour below submerged pipeline crossing a river using ANN

Profesor Nor Azazi Bin Zakaria

Water Science And Technology

1.056

ANFIS-based approach for the estimation of transverse mixing coefficient

Profesor Nor Azazi Bin Zakaria, Zulfeuqar Ahmad

Water Science And Technology

1.056

Gene-expression programming to predict scour at a bridge abutment

Journal Of Hydroinformatics

1.200

Gene-expression programming to predict pier scour depth using laboratory data

Mujahid Khan, M. Tufail

Journal Of Hydroinformatics

1.200

Bridge pier scour prediction by gene expression programming

Profesor Aminuddin Bin Ab Ghani, Mujahid Khan, M. Tufail

Proceedings Of The Institution Of Civil Engineers-Water Management

0.731

Predictive model-based for the critical submergence of horizontal intakes in open channel flows with different clearance bottoms using CART, ANN and linear regression approaches

Ebrahim Jabbari, Mohammad Karim Ayoubloo, Morteza Zanganeh

Expert Systems With Applications

1.926

Linear genetic programming to scour below submerged pipeline

Aytac Guven, Yusuf Kagan Demir

Ocean Engineering

0.957

Flow pattern and hydraulic performance of the REDAC Gross Pollutant Trap

Profesor Aminuddin Bin Ab Ghani, Dr Lau Tze Liang, Encik Leow Cheng Siang, Profesor Nor Azazi Bin Zakaria, Mohd Azlan

Mohd Yusoff, Ravikanth Chittipolu

Flow Measurement And Instrumentation

0.808

ANFIS-based approach for predicting sediment transport in clean sewer

Profesor Aminuddin Bin Ab Ghani, Seow Yen Fei

Applied Soft Computing Journal

2.097

Pusat Penyelidikan Pembangunan Wanita

Cik Lai Wan Teng

Gender and Livelihood: A Case Study of the Mah Meri and the Oil Palm Plantations of Carey Island

Asian Journal Of Women's Studies

0.206

Pusat Racun Negara

Profesor Rahmat Bin Awang

Evaluate the impact of hospital types on the availability of antidotes for the management of acute toxic exposures and poisonings in Malaysia.

Puan Sazaroni Binti Md Rashid, Saed H Zyoud, Sulaiman Al-Sohaim, Sirajuddin Hashim

Human And Experimental Toxicology

1.211

Pharmaco-epidemiologic study of the prescription of contraindicated drugs in a primary care setting of a university: A retrospective review of drug prescription.

Saed H Zyoud, Abdullah Ahmed Hassan Al-Dahbali

International Journal Of Clinical Pharmacology And Therapeutics

1.189

Clinically important drug-drug interactions in primary care.

Saed H Zyoud, Abdullah Ahmed Hassan Al-Dahbali

Journal Of Clinical Pharmacy And Therapeutics

1.649

Availability of decontamination, elimination enhancement, and stabilization resources for the management of acute toxic exposures and poisonings in emergency departments in Malaysia.

Encik Halilol Rahman Bin Mohamad Khan, Saed H Zyoud, Sulaiman Al-Sohaim, Sirajuddin Hashim

Internal And Emergency Medicine

2.139

Reliability of the reported ingested dose of acetaminophen for predicting the risk of toxicity in acetaminophen overdose patients.

Profesor Syed Azhar Bin Syed Sulaiman, Saed H Zyoud

Pharmacoepidemiology And Drug Safety

2.342



HADIAH SANJUNGAN
KATEGORI PRODUK PENYELIDIKAN



Institut Perubatan Dan Pergigian Termaju

Dr Md Azman Bin PKM Seenii Mohamed

Hydrazone Acts As Oral Cancer Chemopreventive Agent

Dr Abdussalam Salhin Mohamed Ali, Profesor Bahruddin Bin Saad, Cik Nur Ayunie Binti Zulkepli, Karen Voon Kai Rou

20 October 2011

The British Invention Show 2011

British Inventors Society

Antarabangsa

Prof Madya Tang Thean Hock

Toothbrush With Bristles In An Isosceles Configuration

Profesor Abdel-Hamid Zaki Abdel-Hamid Amer, Dr Ashfaq Akram

30 December 2011

22rd International Invention, Innovation and Technology Exhibition (ITEX 2011)

Malaysian Invention and Design Society (MINDS)

Antarabangsa

Pusat Kawalan Doping

Dr Gan Chee Yuen

OVINEX the Premium Sheep Collagen

Profesor Abd Karim Bin Alias, Profesor Aishah Binti Abdul Latiff, Tan Chek Chuan

22 November 2011

BioMalaysia 2011 Conference & Exhibition

Malaysian Association of Research Scientist (MARS)

Kebangsaan

Pusat Pengajian Ilmu Pendidikan

Dr Termit Kaur A/P Ranjit Singh

Fun Learning with Smartboard (Teaching Module for Form 4 Basic Economics)

Mohd Hafizuddin B. Muhsin Suhaimi, Mohd Zaim B. Zainal Adnan

18 February 2011

MALAYSIAN TECHNOLOGY EXPO (MTE) 2011

Malaysian Association of Research Scientist (MARS)

Kebangsaan

Pusat Pengajian Kejuruteraan Awam

Profesor Meor Othman Bin Hamzah

Dynamic Stripping Machine

Encik Mohd Fouzi Bin Ali, Encik Zulhairi Bin Arifin, Mohd Rosli Mohd Hasan

22 May 2011

22rd International Invention, Innovation and Technology Exhibition (ITEX 2011)

Malaysian Invention and Design Society (MINDS)

Antarabangsa

Pusat Pengajian Kejuruteraan Bahan Dan Sumber Mineral

Prof Madya Azura Binti A.Rashid

D-Gloves: Biodegradable Natural Rubber Latex Gloves

Prof Madya Baharin Bin Azahari, Muhammad Afiq Misman

22 May 2011

22rd International Invention, Innovation and Technology Exhibition (ITEX 2011)

Malaysian Invention and Design Society (MINDS)

Antarabangsa

Prof Madya Ir Cheong Kuan Yew

Chemical Vapor Growth (CVG) of Nanowires
Prof Madya Zainovia Binti Lockman, Chiew Yi Ling
15 September 2011
PECIPTA 2011
MOHE & UiTM
Antarabangsa

Profesor Hanafi Bin Ismail

1 plus 1 - From Rubber Wastes into 2 Novel Products
Nabil Hayeemasae
22 May 2011
22nd International Invention, Innovation and Technology Exhibition (ITEX 2011)
Malaysian Invention and Design Society (MINDS)
Antarabangsa

Banana Plast - A New and Novel Biodegradable Plastic From Banana Frond and Stem

Nor Fasihah Zaaba
7 May 2011
Korea International Women's Invention Exposition 2011
Korea Women Inventors Association
Antarabangsa

Prof Madya Srimala A/P Sreekantan

Nanopurifier: A sustainable way of destroying contaminants in air and water
Profesor Zainal Arifin Bin Ahmad, Khairul Arifah Saharudin, Lai Chin Wei, Warapong Kregvirat
4 May 2011
Korea International Women's Invention Exposition 2011
Korea Women Inventors Association
Antarabangsa

Hybrid transition oxide nanotube- A bridge to sustainable economy energy

E Pei San, Lai Chin Wei
19 October 2011
The British Invention Show 2011
British Inventors Society
Antarabangsa

Profesor Zainal Arifin Bin Ahmad

High performance of $\text{Al}_2\text{O}_3/\text{Y-TZP}$ filled PMMA denture based
Ahmed Omran Alhareb
30 December 2011
PECIPTA 2011
MOHE & UiTM
Antarabangsa

Pusat Pengajian Kejuruteraan Elektrik Dan Elektronik

Prof Madya Kamal Zuhairi Bin Zamli

mGTWay
Mohd Hazli Mohamed Zabil, Rozmie Razif Othman
22 May 2011
22rd International Invention, Innovation and Technology Exhibition (ITEX 2011)
Malaysian Invention and Design Society (MINDS)
Antarabangsa

xGTWay: Parallel Java Unit Testing Execution Tool With Task Resumption Facility

Rozmie Razif Othman
15 September 2011
PECIPTA 2011
MOHE & UiTM
Antarabangsa

Pusat Pengajian Kejuruteraan Kimia

Profesor Abdul Latif Bin Ahmad

BIOSWEET: Healthy sugar substitute from biomass waste
Chong Meng Yeong, Farah Wahida Bt. Hairun, Fazreen Amira Bt. Ismail
19 October 2011

The British Invention Show 2011

British Inventors Society
Antarabangsa

Biodegradable and Non-Toxic Coagulant from Natural Resource

19 October 2011

The British Invention Show 2011

British Inventors Society
Antarabangsa

Prof Madya Lee Keat Teong

Oil palm shell-based sorbent/catalyst as a novel industrial gas cleaning technology (CePAC)
Profesor Abdul Rahman Bin Mohamed, Sumathi Sethupathi, Subhash Bhatia
19 February 2011

MALAYSIAN TECHNOLOGY EXPO (MTE) 2011

Malaysian Association of Research Scientist (MARS)
Kebangsaan

Prof Madya Sharif Hussein Sharif Zein

Synthesis of Novel 3D Scaffold for Human Skin Cells Cultivation: An Advance in Skin Trade
Lidya Amira Zukimi, Siti Maisurah Binti Zakaria, Yep Swee Pin

21 October 2011

The British Invention Show 2011

British Inventors Society
Antarabangsa

Pusat Pengajian Sains Kesihatan

Prof Madya Farid Bin Che Ghazali

A Sustainable Hatchery Technique For Stichopus vastus and Stichopus Horrens
Abdul Razak Hamzah, Dr. Zainoddin Jamari, Hussin Mat Ali
17 February 2011

MALAYSIAN TECHNOLOGY EXPO (MTE) 2011

Malaysian Association of Research Scientists (MARS)
Kebangsaan



HADIAH SANJUNGAN
KATEGORI KUALITI



Puan Che Nin Binti Man

Pusat Racun Negara

MS ISO/IEC 17025 CERTIFICATE OF ACCREDITATION

JABATAN STANDARD MALAYSIA

28 July 2011

Kebangsaan



ANUGERAH PENDIDIK SANJUNGAN



Profesor Zalina binti Ismail

Pusat Pengajian Sains Kesihatan

Prof. Dr Zalina adalah pakar neurofisiologi, fello di Foundation for Advancement of International Medical Education and Research dan bekas Timbalan Dekan di Pusat Pengajian Sains Perubatan dan Sains Kesihatan. Beliau berkelulusan perubatan dan perundangan dengan kedoktoran di dalam bidang neurofisiologi. Kini Prof Dr Zalina masih mengejar ilmu sebagai pelajar Sarjana Perundangan dan ini selaras dengan falsafah pengajarannya yang mementingkan pembelajaran sepanjang hayat berdasarkan kemahiran akademik abad ke 21.

Beliau adalah wakil Malaysia di dalam jawatankuasa Women in World Neuroscience, International Brain Research Organisation dan penasihat kepada Kementerian Pelajaran Malaysia bagi kurikulum neuroplastik® yang merupakan inovasi yang diterokai oleh Prof. Dr Zalina. Sebagai profesor kunjungan di Swinburne University of Technology, Melbourne, Australia, penyelidikan Prof Dr. Zalina berpusatkan kepada pedagogi afektif dan neuroplastisiti. Beliau juga seorang pemeriksa luar bagi fakulti perubatan tempatan dan antarabangsa dan penilai program perubatan bagi Agensi Kelayakan Malaysia.

Prof. Dr Zalina bertanggungjawab sebagai penyelaras BRAINetwork Centre for Neurocognitive Sciences, yang berfokus kepada neuroplastisiti pembelajaran dan kaitannya dengan daya ingatan. Mengikut Prof Dr Zalina, cabaran utamanya ialah untuk menzahirkan kurikulum neuroplastik® bagi mewujudkan anjakan “mindset” di mana kecemerlangan dilihat daripada pelbagai sudut selaras dengan kecerdasan dan kepintaran setiap individu. Kurikulum neuroplastik® akan “teach to the differences and not to the similarities” — tiada pelajar yang dianggap kurang upaya untuk mencapai kecemerlangan yang sesuai dengan kecerdasan dan kepintaran minda mereka. Impian Prof Dr Zalina ialah untuk membangun dan menjana pengetahuan yang novel ke arah membantu dalam proses memahami otak dan minda yang kompleks terutamanya untuk menambahbaik memori, pembelajaran dan kognisi.



**ANUGERAH
SANJUNGAN INDUSTRI**



Prof Madya Widad Binti Ismail

Pusat Pengajian Kejuruteraan Elektrik dan Elektronik

Calon adalah penyelaras Makmal Auto-ID USM yang ditubuhkan secara rasmi pada Januari 2008. Sepanjang 8 tahun tempoh khidmat beliau di USM, sejumlah RM 318,100 (melalui USAINS Holdings Sdn. Bhd & Bendahari USM) telah diperolehi sebagai pendapatan kepada USM menerusi pengkomersilan 3 produk utama inovasi penyelidikan dan konsultasi (merangkumi 4 fail paten antarabangsa & 9 fail paten kebangsaan). Sebanyak 19 projek konsultasi dan kolaborasi yang melibatkan pelbagai agensi dan industri telah dilaksanakan. Pada tahun 2011 sahaja jumlah keseluruhan jualan kasar (total gross sales) produk penyelidikan beserta perundingan adalah sebanyak RM 99,100 melalui USAINS Holdings dari jumlah terkumpul jualan kasar sebanyak RM 211,700.00 (semenjak dikomersilkan melalui USAINS) dan RM17,000 pendapatan konsultasi dengan Senstech Sdn. Bhd (MOA ditandatangani pada Mac 2011) melalui Bendahari USM/RCMO. Selain itu, "Proof of Concept (POC)" turut dijalankan dengan Canon (M) Sdn. Bhd. melalui LOI & NDA yang ditandatangani pada Jun 2011 bagi pengkomersilan produk penyelidikan yang difail paten (IP) pada Januari 2011. Hasil POC dan paten (Tajuk: Portable Radio Frequency Identification Reader for Real Time Location Systems) yang difaikarkan tersebut turut memperolehi 3 pengiktirafan antarabangsa dan 1 pengiktirafan kebangsaan pada tahun 2011. Pengiktirafan tersebut ialah

- 1) Pingat Perak dari International Federations of Inventors Association (IFIA) dan Taiwan Invention & Innovation Industry Association (TIIIA), I-Shou University, Kaohsiung, Taiwan, August 24-27, 2011
- 2) Anugerah Penulisan Kertas Kerja Terbaik di International Joint Conference on Advances in Signal Processing and Information Technology – SPIT 2011, Dec 01-02, 2011; Amsterdam, Netherlands, Springer Library
- 3) Anugerah Projek COMSTECH TWAS 2011 untuk aplikasi produk yang dipatenkan tersebut
- 4) Anugerah Hari UNESCO Malaysia 2011



ANUGERAH
KHIDMAT MASYARAKAT



Profesor Ahmad Sukari bin Halim

Pusat Pengajian Sains Perubatan

Professor Dr Ahmad Sukari Halim memperolehi Ijazah Perubatan (Kepujian) pada 1983 dari Catholic University of Leuven, Belgium. Beliau menyambung pengajian dalam bidang kepakaran surgeri am dan seterusnya penghususan surgeri plastik dan rekonstruktif di Belgium dan England. Beliau diterima sebagai Fellow of Belgian College of Plastic Surgery (FCCP) pada 1997. Beliau telah berkhidmat dengan kerajaan selama 25 tahun dan di USM semenjak 1991. Beliau membangunkan perkhidmatan Surgeri Plastik pertama di Hospital USM pada 1997 yang kini telah menjadi pusat rujukan bagi kes-kes kompleks dari seluruh negara. Beliau memulakan program latihan Sarjana Surgeri Plastik pertama di Malaysia pada 2001. Sehingga kini, program tersebut telah melahirkan 25 orang pakar bedah plastik yang berkhidmat di enam hospital Kementerian Kesihatan Malaysia (KKM) serta 11 orang di universiti awam lain selain dari yang bertugas di Yaman, Mesir dan Sudan. Beliau telah memenangi pelbagai anugerah dan memegang banyak geran penyelidikan serta beberapa paten. Bidang kepakaran beliau ialah biomaterial, kejuruteraan tisu, rekontruksi kacatan kongenital dan mikrosurgeri rekonstruktif.

Beliau telah dilantik sebagai Professor pada 2006 dan pernah menjadi Profesor Pelawat Universiti Toronto, Kanada pada tahun yang sama. Beliau juga pernah dilantik sebagai Pakar Perunding Pelawat di PPUKM, PPUM dan beberapa hospital KKM. Kini beliau memegang jawatan Timbalan Dekan (Penyelidikan), Pusat Pengajian Sains Perubatan sejak 2009 selain dari bertugas sebagai pakar perunding kanan pembedahan plastik dan rekonstruktif di Hospital USM.

Beliau pernah terlibat dalam bantuan kemanusiaan dan perubatan di bawah kerjasama Kerajaan Iraq dan Kementerian Kesihatan Malaysia serta melakukan pembedahan plastik di Baghdad pada 2002. Beliau telah mengetuai satu khidmat masyarakat membangunkan semula pendidikan tinggi di Haiti selepas kejadian gempa bumi pada tahun 2010.

Beliau juga telah mengetuai lima misi program kemanusiaan untuk membentulkan sumbing bibir dan lelangit kanak-kanak dari golongan yang kurang berkemampuan di Bangladesh anjuran USM-MERCY semenjak 2009. Lima misi khidmat masyarakat ini berjaya memanfaatkan lebih dari 287 orang kanak-kanak. Setiap siri misi ini juga melatih kakitangan paramedik dan memberikan pendedahan kepada doktor serta pelajar kedoktoran dalam pelbagai aspek rawatan sumbing ini. Program yang terkini adalah pada 5 Julai 2012.



JAWATANKUASA



Jawatankuasa Induk

Pengerusi Y.Bhg. Prof. Dato' See Ching Mey

Timbalan Pengerusi Prof. Badaruddin Mohamed

Penasihat Prof. Abdul Latif Ahmad

Pengerusi Jawatankuasa Kecil Pemilihan Prof. Muhamad Jantan

Pengerusi Jawatankuasa Kecil Makanan Prof. Zairi Jaal

Pengerusi Jawatankuasa Kecil Buku Aturcara Prof. Rahmat Awang

Pengerusi Jawatankuasa Kecil Teknikal Prof. Madya Merza Abbas

Pengerusi Jawatankuasa Kecil Persempahan Mohamad Omar Bidin

Prof. Madya Razif Mohd.

Pengerusi Jawatankuasa Kecil Sambutan, Publisiti dan Protokol Mohamad Abdullah

Pengerusi Jawatankuasa Kecil Konsep dan Artistik Abd. Hamid Majid

Pengerusi Jawatankuasa Kecil Fizikal Amin Karim

Pengerusi Jawatankuasa Logistik Abdul Hadi Ahmad

Pengerusi Jawatankuasa Anugerah Pendidik Sanjungan Prof. Abdul Rahman Mohamed

Pengerusi Jawatankuasa Anugerah Pentadbir Cemerlang Jamayah Basiron

Pengerusi Jawatankuasa Anugerah Khidmat Industri & Masyarakat Prof. Dato' Md. Salleh Yaapar

Urusetia Roslan Shuaid

Siti Zubaidah A. Hamid

Latifah Abdul Latif

Nuur Hariyaty Mohamad Rasidi

Lee Wei Yin

U. Seeta a/p Uthaya Kumar

PEMILIHAN

Pengerusi Prof. Muhamad Jantan
Prof. Suresh Narayanan
Prof. Zainal Arifin Mohd Ishak
Prof. Ahmad Farhan Mohd Sadullah
Prof. Zainuriah Hassan
Prof. Dato' Mohd Salleh Yaapar
Prof. Mustaffa Musa
Prof. Nik Soriani Yaacob
Prof. Mohd Nazalan Mohd Najimudin
Prof. Madya Siti Hajar Che Man
Muhamad Nizam Saad
Siti Nor Aisyah Abdul Rashid
Nurul Hidayah Jamaludin
Noor Adnie Bajuri

BUKU ATURCARA

Pengerusi Profesor Rahmat Awang
Profesor Abdul Latif Ahmad
Prof. Madya Mohamad Omar Bidin
Abdul Hamid Majid
Rosman Ahmad
Sherrilaida Mohd Aidarus
Muhammad Hafizulah Mohammad
Adly Hussaini bin Mohd Arifin

KONSEP DAN ARTISTIK

Pengerusi Abd. Hamid Majid
Prof. Madya Razif Mohd
Norazrina Mohamad
Mohamad Omar Bidin
Roslan Chin
Ramnah Ramli
Abd. Razak Abu Bakar
Mohd Faidzal Ahmad
Faizal Ashraf Ali
Syafiee Ibrahim
Wan Zaharin Wan Ismail
Muhamad Azhar Ghazali

ANUGERAH SANJUNGAN INDUSTRI & KHIDMAT MASYARAKAT

Pengerusi Y. Bhg. Prof. Dato' Mohd Salleh Yaapar
Prof. K. Sudesh Kumar a/l Kanapathi Pillai
Prof. Madya Munir Shuib
Tuan Syed Yusof Syed Kechik
Dr. Mohd Adi Firdaus Tan Abdullah
Roslan Shuaid
U. Seeta a/p Uthaya Kumar
Lee Wei Yin

ANUGERAH PENDIDIK SANJUNGAN

Pengerusi Profesor Abdul Rahman Mohamed
Profesor Abd Karim Alias
Profesor Abdul Rashid Abdul Aziz
Profesor Azlina Harun @ Kamaruddin
Profesor Fatimah Saleh
Profesor Hanafi Atan
Profesor Haslan Abu Hassan
Profesor Meor Othman Hamzah
Prof. Madya Ahmad Abd. Majid
Prof. Madya Azmi Sariff
Prof. Madya Omar Majid
Prof. Madya Tengku Sepora Tengku Mahadi
Prof. Madya Wan Mohd Fauzy Wan Ismail
Prof. Madya Yvonne Tze Fung Tan
Dr. Mohd Salman Abu Mansor
Amra Othman
Norliza Hani Md Ghazali

ANUGERAH PENTADBIR CEMERLANG

Pengerusi Jamayah Binti Basiron
Profesor Ahmad Farhan Ahmad Sadullah
Profesor Abdul Aziz Tajuddin
Salmiah Che Puteh
Mohd Pisol Ghadzali
Siti Zubaidah A Hamid
Ir. Haji Mohamad Sofian Ahmad
Zulham Hamdan
Haryani Hasenan

PERSEMBAHAN

Pengerusi Prof. Madya Mohamad Omar Bidin
Prof. Madya Razif Mohd.
Ramnah Ramli
Murshid Md. Hussain
Mohd. Yusof Bakar
Norhelmi Othman
Andy Siti Nurhidayah Rahim
Zolkafli Ishak
Norazizah Rusli
Shahril Effendi Shahardin
Azreen Harlina Azizan
Mohd. Faisal Mohamed Zin
Razali Daim
Hamdan Hassan
Shamsuri Darus
Mohd. Farhan Mohd. Jufry
Anuar Zakaria
Zahidi Kassim

URUSETIA

Ketua Urusetia Roslan Shuaid
Siti Zubaidah A. Hamid
Latifah Abdul Latif
Nuur Hariyaty Mohamad Rasidi
U. Seeta a/p Uthaya Kumar
Lee Wei Yin
Salina Hassan
Hasmah Abd. Hamid
Mazlin Khairuddin
Dianna Shanti a/p Davadas Michael
Khairini Ishak
Fauziah Ismail
Suri Omar
Muhamed Hafiz Mahmad Sallih

FIZIKAL

Pengerusi Amin Karim
Ishak Ahmad Mazar Ali
Yusoff Mahmood
Shafie Ibrahim
Wan Zahari Wan Ismail
Ahmad Tarmizi Abd. Razak

SAMBUTAN, PUBLISITI DAN PROTOKOL

Pengerusi Mohamad Abdullah
Izam Fairus Kamaruddin
Tan Ewe Hoe
Marziana Mohamed Alias
Mu'azzah Ismail
Muniandy Ramayah
Mohd. Azrul Mohd. Azhar
Badrul Munawir Abdul Rahim
Mohamad Danial Shahri
Sonia Abu Bakar
Mahani Lazim
Mohd. Fairus Md. Isa

MAKANAN

Pengerusi Profesor Zairi Jaal
Nor Rafida bt Abdul Karim

TEKNIKAL

Pengerusi Prof. Madya Merza Abbas
Ahli Norazrina Mohamad
Ridzawan Abdullah
Ayda Fatahiyah Abd Malek
Adi Harrizam Abd Majid
Sha'ari Ya'akub
Ahmad Mohammad Foaed
Muhamad Jamaludin Mohd Nor
Faizah Atan
Rozita Ilamdin
Muneera Ahmad
Mohd Faizal Ishak
Elias Mohamed
Yussairi Faizal Yaacob
Azhar Mohamad Desa
Roshimi Husain
Mohd Syafiq Sobri
Mohammad Faiz Isahak
Idris Md. Yusuf
Syed Azreezal Syed Ahmad Mufazzal
Adly Hussaini Ariffin
Azrul Abdul Latif

LOGISTIK

Pengerusi Abd Hadi Ahmad
Ahli Zulkifli Hashim
Yusmadi Norashid
Abu Bakar Che Embi
Mohd Jasmie Ikram Ab Rahman

