



UNIVERSITI MALAYSIA PAHANG
AL-SULTAN ABDULLAH

MENJULANG ILHAM KEJAYAAN

'Inspiring Skyward Achievement'

Majlis Anugerah Cendekia Bitara'23

Universiti Malaysia Pahang Al-Sultan Abdullah (UMPSA)



UMPSAMalaysia
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Atur Cara

- 7:30 malam : Ketibaan Tetamu Jemputan dan Penerima Anugerah
- 7:45 malam : Ketibaan Pengurusan Tertinggi Universiti
- 8:00 malam : Ketibaan Profesor Dato' Ts. Dr. Yuserrie bin Zainuddin
Naib Canselor UMPSA
- 8:15 malam : Ketibaan Ahli-ahli Lembaga Pemegang Amanah Yayasan UMPSA
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- 8:20 malam : Ketibaan Pro-Canselor UMPSA
Tan Sri Dato' Sri (Dr.) Abi Musa Asa'ari bin Mohamed Nor
- 8:30 malam : Ucapan Alu-aluan Naib Canselor UMPSA
Profesor Dato' Ts. Dr. Yuserrie bin Zainuddin
: Ucapan Perasmian oleh Pro-Canselor UMPSA
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- 10.30 malam : Majlis Bersurai

Menjulung Ilham Kejayaan (*Inspiring Skyward Achievement*)

Menjulung

Selaut luas hamparan pengetahuan terbentang,
Bertaut kita, dalam karya dan usaha,
Sarjana mutiara penuh makna,
Menjulung ilham, mencipta jejak gemilang.

Ilham

Setiap perincian, setiap perihal,
Menjadi kunci gerbang kejayaan,
Kita bina jambatan dari ilmu dan harapan diri,
Menyatu dalam harmoni, menjulang tinggi.

Kejayaan

Tika ini adalah saksi,
Martabat ilmu ilham dari Ilahi,
Perit jerih membuah harapan,
Raikan kejayaan, sematkan mewah kesederhanaan.

UMPSA Menjulung Ilham Kejayaan.



Sekapur Sirih

Assalamualaikum WBT dan salam sejahtera.

Alhamdulillah, syukur ke hadrat Allah SWT kerana dengan limpah rahmat dan izin-Nya Universiti Malaysia Pahang Al-Sultan Abdullah (UMPSA) berjaya menganjurkan anugerah yang gilang gemilang ini. Anugerah ini merupakan satu manifestasi pengiktirafan dan penghargaan terhadap usaha gigih para penyelidik UMPSA yang telah menyumbang secara signifikan kepada perkembangan ilmu dan kemajuan negara.

Dalam perkembangan marcapada, penyelidikan merupakan elemen penting dalam memperkasa pembangunan sesebuah negara. Lantas para penyelidik UMPSA telah menunjukkan kemampuan dan meraih kecemerlangan dalam pelbagai bidang. Pencapaian yang diraikan melalui anugerah ini membuktikan bahawa UMPSA mampu terus menjadi peneraju dalam kalangan Rangkaian Universiti-universiti Teknikal Malaysia (MTUN) dengan menghasilkan penyelidikan yang berimpak tinggi, berkualiti dan seterusnya memberi manfaat kepada masyarakat, industri serta negara. Kejayaan ini sejajar dengan visi UMPSA untuk menjadi sebuah Universiti Teknologi Terunggul.

Di samping itu, majlis ini juga merupakan wadah untuk kita menghargai kerja keras dan dedikasi yang telah dicurahkan oleh para penyelidik UMPSA. Semoga dengan adanya anugerah ini, semua penyelidik dapat terus bersemarak merencana kreativiti dan inovasi serta bersemangat untuk mencapai lebih banyak kejayaan dalam bidang penyelidikan dan inovasi.

Penghargaan yang tulus juga saya tujukan kepada pihak penganjur, panel penilai, dan semua yang terlibat dalam menjayakan majlis anugerah ini. Kejayaan penganjuran ini tidak akan tercapai tanpa komitmen dan kerjasama erat daripada semua pihak.

Akhir kata, setinggi-tinggi tahniah kepada semua penerima anugerah. Semoga kejayaan ini menjadi pemangkin untuk terus melangkah maju dalam usaha mengharumkan nama universiti dan negara kita di persada dunia.

Sekian, terima kasih.

Tan Sri Dato' Sri (Dr.) Abi Musa Asa'ari bin Mohamed Nor
PSM., SSAP., SIMP., DIMP., SMP.
Pro-Canselor
Universiti Malaysia Pahang Al-Sultan Abdullah (UMPSA)



Seulas Pinang

Assalamualaikum WBT dan salam sejahtera.

UMPSA telah mencapai usia 22 tahun pada tahun 2024. Sebagai universiti terulung dalam kalangan Rangkaian Universiti-universiti Teknikal Malaysia (MTUN), adalah penting untuk universiti menghargai mereka yang telah bertungkus-lumus meletakkan jenama UMPSA di mata masyarakat dan dunia.

Anugerah ini bukan sekadar penghargaan terhadap pencapaian, tetapi juga merupakan lambang kepada impian dan cita-cita yang dikejar dengan penuh tekad. Para penyelidik UMPSA telah membuktikan bahawa dengan usaha gigih, dedikasi yang tidak mengenal penat dan semangat yang tidak pernah luntur, kejayaan tertinggi dapat dicapai.

Kita semua di sini telah menyaksikan bagaimana inisiatif-inisiatif yang dirangka daripada awal penubuhan dengan kesungguhan dan komitmen boleh membawa kita semua ke aras yang tidak pernah kita bayangkan. Kejayaan-kejayaan yang diraikan hari ini adalah manifestasi daripada usaha berterusan dan kepercayaan yang tidak berbelah bahagi terhadap potensi diri dan kemampuan kita untuk menembusi batasan yang ada.

Saya percaya bahawa semangat untuk mencapai kejayaan yang menjulang tinggi ini akan terus menyala di dalam hati setiap penyelidik kita. Semoga anugerah ini menjadi pemangkin kita untuk terus meneroka peluang-peluang baharu, mencipta inovasi yang luar biasa dan menggapai kejayaan-kejayaan yang lebih tinggi.

Akhir kata, saya ingin mengucapkan setinggi-tinggi tahniah kepada semua penerima anugerah pada hari ini. Teruslah menjulang impian anda dan jangan pernah berhenti bermimpi setinggi langit.

Sekian, terima kasih.

Dato' Seri Abdul Razak bin Jaafar, DGPN.
Pengerusi Lembaga Pengarah
Universiti Malaysia Pahang Al-Sultan Abdullah (UMPSA)





Seuntai Kata

Assalamualaikum WBT dan salam sejahtera.

Setelah lebih dua dasawarsa penubuhannya, Universiti Malaysia Pahang Al-Sultan Abdullah (UMPSA) terus memperkuat posisinya dalam arena pendidikan tinggi global. Komitmen yang diizinkan ini adalah bukti UMPSA terus komited untuk meningkatkan kesarjanaan dan mempersiapkan generasi akan datang dengan kemampuan yang diperlukan untuk bersaing secara efektif di peringkat nasional mahupun antarabangsa serta terus fokus bergerak ke hadapan dalam bidang pendidikan, penyelidikan dan inovasi.

Lakaran kecemerlangan dan kejayaan UMPSA ini bukanlah suatu kebetulan, tetapi merupakan komitmen tinggi yang dinadikan oleh warga kerjanya di pelbagai peringkat. Sementelahan, kejayaan ini turut didokong oleh dinamika warga universiti yang sentiasa bersedia untuk berevolusi bagi memastikan UMPSA terus relevan dan menjadi peneraju dalam bidang teknologi dan inovasi.

Anugerah Cendekia Bitara ini merupakan lambang komitmen UMPSA untuk menghargai sumbangan para akademia yang cemerlang dalam bidang penyelidikan, penerbitan, penulisan, kreativiti dan inovasi. Anugerah ini bukan sahaja mengiktiraf pencapaian luar biasa, tetapi juga menjadi pemangkin kepada golongan cendekiawan UMPSA ini untuk terus menghasilkan penyelidikan dan inovasi baharu yang bermanfaat demi kebaikan sejagat serta mampu menawarkan penyelesaian berasaskan teknologi kepada masyarakat.

Setinggi-tinggi tahniah saya ucapkan kepada semua penerima Anugerah Cendekia Bitara 2023. Dedikasi, komitmen dan pencapaian anda adalah inspirasi kepada seluruh warga UMPSA sebagai koridor ilmu yang unggul yang akan terus melakar kejayaan khususnya dalam penyelidikan dan inovasi.

Sekian, terima kasih.

Profesor Dato' Ts. Dr. Yuserrie bin Zainuddin, DIMP.
Naib Canselor
Universiti Malaysia Pahang Al-Sultan Abdullah (UMPSA)



Seindah Bahasa

Assalamualaikum WBT dan salam sejahtera.

Pertama sekali, saya memanjatkan syukur ke hadrat Allah SWT kerana dengan izin-Nya dapat kita meraikan kesemua penerima anugerah kecemerlangan Cendekia Bitara pada tahun ini. Dayung sudah di tangan, perahu sudah di air. Anugerah ini merupakan satu pengiktirafan tertinggi yang menjadi bukti kepada kesungguhan, dedikasi dan usaha yang telah ditunjukkan dalam memajukan bidang penyelidikan, inovasi dan pengajaran di universiti ini.

Penyelidikan adalah nadi kepada kemajuan sains dan teknologi. Ia membuka jalan kepada penemuan baharu, penyelesaian inovatif, dan kemajuan yang membawa manfaat kepada masyarakat. Para penerima anugerah tahun ini telah menunjukkan keupayaan luar biasa dalam menerajui penyelidikan yang berkualiti tinggi. Sumbangan mereka juga telah melonjakkan reputasi UMPSA dan memberi impak yang mendalam dari pelbagai segi.

Penyelidikan berterusan yang diusahakan oleh ahli akademik di UMPSA telah memacu universiti ke hadapan sebagai sebuah institusi pengajian tinggi yang serius terhadap hasil pelaburannya dalam R&D, penglibatan industri dan kebitaraan pengajaran. Oleh yang demikian, pengurusan bakat dan sistem sokongan yang mantap di samping persekitaran kerja yang positif akan sentiasa menjadi keutamaan dalam mengukuhkan budaya kecemerlangan.

Saya berbesar hati untuk menjadi sebahagian daripada Anugerah Cendekia Bitara 2023. Usaha menuju ke arah kecemerlangan adalah suatu perjalanan yang tidak berpenghujung dan harus dilalui dengan penuh keikhlasan dan iltizam. Semoga setiap sumbangan wacana minda dan daya usaha kita kepada universiti, negara dan bangsa akan beroleh reda daripada Allah SWT. Setinggi-tinggi tahniah dan terima kasih kerana menjadi sebahagian daripada lakaran kejayaan UMPSA.

Sekian, terima kasih.

Profesor Ts. Dr. Aida binti Mustapha
Pengerusi, Anugerah Cendekia Bitara '23
Universiti Malaysia Pahang Al-Sultan Abdullah (UMPSA)





Anugerah Cendekia Bitara '23

Anugerah Cendekia Bitara ialah majlis penganugerahan tahunan yang dianjurkan oleh Universiti Malaysia Pahang Al-Sultan Abdullah (UMPSA) bermula tahun 2009 yang bertujuan untuk mengiktiraf kecemerlangan dalam aspek penyelidikan, inovasi dan pengkomersialan dalam kalangan staf akademik UMPSA.

'Cendekia' merujuk kepada seseorang atau sekumpulan intelektual atau sarjana akademik. 'Bitara' pula bermaksud luar biasa atau tiada tandingan yang merupakan kualiti yang dihasratkan oleh UMPSA bagi setiap staf akademik.

Oleh itu, 'Anugerah Cendekia Bitara' adalah pengiktirafan ke atas pencapaian ilmiah yang cemerlang, tiada tandingan, yang telah dicapai oleh staf akademik UMPSA.

Kategori penganugerahan Anugerah Cendekia Bitara adalah seperti berikut:

- Kategori Penerbitan Jurnal
- Kategori Penerbitan Buku
- Kategori Kertas Polisi
- Kategori Geran Antarabangsa
- Kategori Geran Industri
- Kategori Geran Agensi
- Kategori Harta Intelek Dikomersialkan
- Kategori Perundingan
- Kategori Produk Penyelidikan
- Kategori Kualiti Penyelidikan

Anugerah Akademik Universiti '23

Anugerah Akademik Universiti (AAU) anjuran Pusat Inovasi dan Daya Saing Akademik merupakan antara anugerah tahunan berprestij UMPSA yang merangkumi dua anugerah utama iaitu:

i. Anugerah Pengajaran

- Terdapat tiga kategori: a) Kejuruteraan/Kejuruteraan Teknologi, b) Sains Gunaan, dan c) Sains Sosial.

Penyertaan: Staf akademik yang berumur 35 tahun ke atas serta mempunyai pengalaman Pengajaran dan Pembelajaran (PdP) selama tiga tahun ke atas.

ii. Anugerah Ahli Akademik Harapan

Penyertaan: Staf akademik yang berumur 34 tahun dan ke bawah serta mempunyai pengalaman PdP satu hingga lima tahun ke atas.

Anugerah ini telah bermula pada tahun 2009 melalui Anugerah Pensyarah Cemerlang bagi menghargai jasa ahli akademik yang telah menonjolkan kecemerlangan dan kreativiti dalam aspek PdP. Ia juga dilihat sebagai satu bentuk penghargaan oleh universiti kepada ahli akademik yang telah menunjukkan usaha dan komitmen dalam membentuk pelajar menjadi cemerlang dan bersifat holistik.

Objektif AAU:

- Mengiktiraf sumbangan dan kepakaran staf akademik UMPSA dalam bidang PdP;
- Memberi galakan dan rangsangan kepada staf akademik untuk terus berusaha lebih gigih bagi mencapai kecemerlangan universiti dalam melahirkan modal insan yang berkualiti menerusi tugas pengajaran, penyeliaan, pembelajaran, dan lain-lain; dan
- Meningkatkan motivasi ahli akademik melalui pendekatan inovasi dan kreativiti dalam PdP.

Bagi AAU tahun 2023 ini, gerak kerja telah bermula dengan iklan hebahan permohonan pada awal Februari 2024, sesi bimbingan calon, sesi penjurian dalaman, saringan awal serta diakhiri dengan sesi saringan akhir pada Jun 2024.



Anugerah e-Pembelajaran Universiti' 23

Anugerah e-Pembelajaran Universiti (APU) oleh Pusat Pengajaran Sumber dan e-Pembelajaran (CIReL), Jabatan Hal Ehwal Akademik dan Antarabangsa (JHEAA) merupakan salah satu anugerah tahunan berprestij UMPSA untuk e-Pembelajaran.

i. Anugerah e-Pembelajaran

Terdapat dua kategori:

- Anugerah e-Pembelajaran Fakulti/Pusat
- Anugerah *Micro-Credentials* Terbaik.

Anugerah ini menghargai sumbangan penting fakulti dan pusat kepada kejayaan e-Pembelajaran UMPSA. Penghargaan ini melambangkan komitmen berterusan untuk kecemerlangan sekali gus memupuk inovasi dalam teknologi pendidikan. Ia juga memberi inspirasi kepada Pakar Bidang Subjek atau *Subject Matter Expert* (SME) bagi inovasi PdP serta komuniti UMPSA.

Matlamat bagi penganugerahan ini adalah untuk memupuk budaya e-Pembelajaran yang inovatif, serta kreativiti dalam pendekatan pedagogi. Anugerah yang berprestij ini juga dapat mengukuhkan identiti UMPSA dalam mencapai kecemerlangan, sekali gus dapat meningkatkan reputasi universiti dan mempamerkan kesungguhan dan dedikasi warga UMPSA untuk membentuk masa depan pendidikan melalui teknologi dan akademik.

Objektif Anugerah e-Pembelajaran Universiti (APU)

- Mengiktiraf kecemerlangan, kepakaran dan pengamalan terbaik bagi e-Pembelajaran oleh warga akademik UMPSA yang berfokus kepada inovasi PdP;
- Mengaspirasikan inovasi dan meningkatkan akses serta fleksibiliti ahli akademik dalam inovasi teknologi pendidikan UMPSA, terutamanya untuk pengajaran dan pembelajaran yang berkualiti; dan
- Menggalakkan staf akademik UMPSA mempertingkatkan usaha memupuk kecemerlangan modal insan berkualiti melalui pengajaran, penyeliaan, pembelajaran, dan banyak lagi.

**Anugerah Cendekia Bitara '23:
Kategori Penerbitan Jurnal**



Penulis Utama:

Ts. Dr. Nasrul Hadi bin Johari

Penulis Bersama:

Menichini C., Hamady M., Xu X.Y.

Tajuk Artikel:

Computational Modeling of Low-Density Lipoprotein Accumulation at The Carotid Artery Bifurcation After Stenting

Tajuk Jurnal:

International Journal for Numerical Methods in Biomedical Engineering



Penulis Utama:

Profesor Madya Ts. Dr. Liang Yong Yeow

Penulis Bersama:

Fletcher D.F.

Tajuk Artikel:

Computational Fluid Dynamics Simulation of Forward Osmosis (FO) Membrane Systems: Methodology, State of Art, Challenges and Opportunities

Tajuk Jurnal:

Desalination



Penulis Utama:

Profesor Madya Ts. Dr. Liang Yong Yeow

Penulis Bersama:

Chong Y.K., Weihs G.A.F.

Tajuk Artikel:

*Validation and Characterisation of Mass Transfer of 3D-
CFD Model for Twisted Feed Spacer*

Tajuk Jurnal:

Desalination

Penulis Utama:

Profesor Madya Ts. Dr. Liang Yong Yeow

Tajuk Artikel:

*Review of Analytical and Numerical Modeling for
Pressure Retarded Osmosis Membrane Systems*

Tajuk Jurnal:

Desalination



Penulis Utama:

Profesor Madya Ts. Dr. Liang Yong Yeow

Penulis Bersama:

Goi Y.K., Lau W.J., Fimbres Weihs G.A.

Tajuk Artikel:

Analysis of The Effect of Advanced FO Spacer on The Specific Energy Consumption of Hybrid RO Desalination System

Tajuk Jurnal:

Journal of Membrane Science

Penulis Utama:

Profesor Madya Ts. Dr. Liang Yong Yeow

Penulis Bersama:

Ng W.H., Weihs G.A.F.

Tajuk Artikel:

Quantifying The Potential of Pressure Retarded Osmosis Advanced Spacers for Reducing Specific Energy Consumption in Hybrid Desalination

Tajuk Jurnal:

Journal of Water Process Engineering



Penulis Utama:

Profesor ChM. Dr. Chong Kwok Feng

Penulis Bersama:

Lee S.P., Ali G.A.M., Assiri M.A., Kong K.V., Teo E.Y.L.

Tajuk Artikel:

*Pseudocapacitive Performance of Phenothiazine
Functionalized Graphene Aerogel*

Tajuk Jurnal:

Applied Surface Science

Penulis Utama:

Profesor ChM. Dr. Chong Kwok Feng

Penulis Bersama:

Thalji M.R., Ali G.A.M., Shim J.-J.

Tajuk Artikel:

*Cobalt-Doped Tungsten Suboxides for Supercapacitor
Applications*

Tajuk Jurnal:

Chemical Engineering Journal



Penulis Utama:

Profesor Madya Dr. Muhammad Ashraf bin
Fauri@Fauzi

Tajuk Artikel:

*A Bibliometric Review on Knowledge Management in
Tourism and Hospitality: Past, Present and Future
Trends*

Tajuk Jurnal:

International Journal of Contemporary Hospitality



Penulis Utama:

Profesor Madya Dr. Lee Chia Kuang

Penulis Bersama:

Bujna M., Abd Jamil A.H., Ee P.T.

Tajuk Artikel:

*A Cause and Effect of a Nonpayment Model Based on
the DEMATEL Algorithm*

Tajuk Jurnal:

*Journal of Legal Affairs and Dispute Resolution in
Engineering and Construction*



Penulis Utama:

Profesor Madya Dr. Muhammad Ashraf bin
Fauri@Fauzi

Penulis Bersama:

Kamaruzzaman Z.A., Abdul Rahman H.

Tajuk Artikel:

*Bibliometric Review on Human Resources Management and Big
Data Analytics*

Tajuk Jurnal:

International Journal of Manpower



Penulis Utama:

Ts. Dr. Hajar Fauzan bin Ahmad

Penulis Bersama:

Siew S.W., Musa S.M., Sabri N., Farida Asras M.F.

Tajuk Artikel:

*Evaluation of Pre-Treated Healthcare Wastes During
COVID-19 Pandemic Reveals Pathogenic Microbiota,
Antibiotics Residues, and Antibiotic Resistance Genes
Against Beta-Lactams*

Tajuk Jurnal:

Environmental Research



Penulis Utama:

Profesor Madya Ts. Dr. Herma Dina binti Setiabudi

Penulis Bersama:

Arifin M.N., Jusoh R., Abdullah H., Ainirazali N.

Tajuk Artikel:

Recent Advances in Advanced Oxidation Processes (AOPS) for The Treatment of Nitro- and Alkyl-Phenolic Compounds

Tajuk Jurnal:

Environmental Research



Penulis Utama:

Dr. Jun Haslinda binti Haji Shariffuddin

Penulis Bersama:

Nayeem A., Ali M.F.

Tajuk Artikel:

The Recent Development of Inverse Vulcanized Polysulfide as An Alternative Adsorbent for Heavy Metal Removal in Wastewater

Tajuk Jurnal:

Environmental Research



Penulis Utama:

Profesor Madya Dr. Mohd Herwan bin Sulaiman

Penulis Bersama:

Mustaffa Z., Zakaria N.F., Saari M.M.

Tajuk Artikel:

Using The Evolutionary Mating Algorithm for Optimizing Deep Learning Parameters for Battery State of Charge Estimation of Electric Vehicle

Tajuk Jurnal:

Energy

Penulis Utama:

Profesor Madya Dr. Mohd Herwan bin Sulaiman

Penulis Bersama:

Mustaffa Z.

Tajuk Artikel:

Using The Evolutionary Mating Algorithm for Optimizing The User Comfort and Energy Consumption in Smart Building

Tajuk Jurnal:

Journal of Building Engineering



Penulis Utama:

Profesor Ts. Dr. Mohd Rusllim bin Mohamed

Penulis Bersama:

Kishore D.J.K., Sudhakar K., Peddakapu K.

Tajuk Artikel:

Swarm Intelligence-Based MPPT Design for PV Systems Under Diverse Partial Shading Conditions

Tajuk Jurnal:

Energy

Penulis Utama:

Profesor Ts. Dr. Mohd Rusllim bin Mohamed

Penulis Bersama:

Peddakapu K., Srinivasarao P., Liu X., Krishna Kishore D.J.

Tajuk Artikel:

Faults Identification in High Voltage Direct Current Transmission Lines Using Adaptive Neuro-Fuzzy Inference System

Tajuk Jurnal:

International Journal of Modelling and Simulation



Penulis Utama:

Profesor Madya Dr. Mohd Fadzil Faisae bin Ab. Rashid

Penulis Bersama:

Ramli A.N.

Tajuk Artikel:

*A New Multiobjective Tiki-Taka Algorithm for
Optimization of Assembly Line Balancing*

Tajuk Jurnal:

Engineering Computations (Swansea, Wales)



Penulis Utama:

Profesor Madya Ts. Dr. Farhan binti Mohd Said

Penulis Bersama:

Zhang J., Jing Z.

Tajuk Artikel:

*Hydrogels Based on Seafood Chitin: From Extraction to
The Development*

Tajuk Jurnal:

International Journal of Biological Macromolecules



Penulis Utama:

Profesor Madya Ts. Dr. Mior Ahmad Khushairi bin
Mohd Zahari

Penulis Bersama:

Syed M.H., Khan M.M.R., Beg M.D.H., Abdullah N.

Tajuk Artikel:

*Current Issues and Potential Solutions for The
Electrospinning of Major Polysaccharides and Proteins:
A Review*

Tajuk Jurnal:

International Journal of Biological Macromolecules



Penulis Utama:

Profesor Madya Ts. Dr. Mior Ahmad Khushairi bin
Mohd Zahari

Penulis Bersama:

Syed M.H., Khan M.M.R., Beg M.D.H., Abdullah N.

Tajuk Artikel:

*An Overview on Recent Biomedical Applications of
Biopolymers: Their Role in Drug Delivery Systems and
Comparison of Major Systems*

Tajuk Jurnal:

Journal of Drug Delivery Science and Technology

Penulis Utama:

Profesor Madya Ts. Dr. Mior Ahmad Khushairi bin
Mohd Zahari

Penulis Bersama:

Syed M.H., Khan M.M.R., Beg M.D.H., Abdullah N.

Tajuk Artikel:

*A Review on Current Trends and Future Prospectives
of Electrospun Biopolymeric Nanofibers for Biomedical
Applications*

Tajuk Jurnal:

European Polymer Journal



Penulis Utama:

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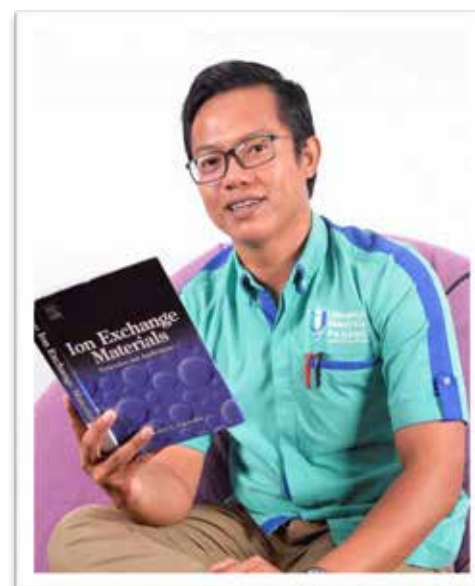
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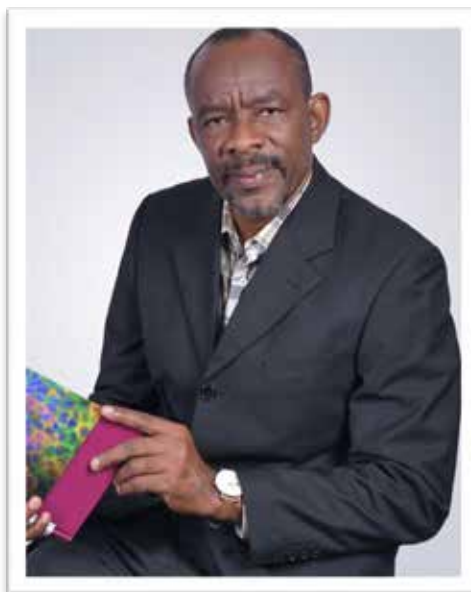


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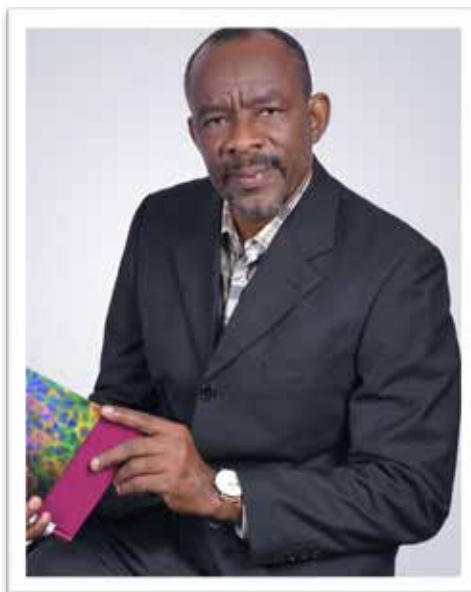
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*Construction and Demolition Waste Recycling and
Reuse Clause in Standard form of Contracts: Impact on
Project Performance*

Nama Penerbit:
Edward Elgar Publishing



Nama Penulis Utama:
Ts. Dr. Nurjannah binti Salim

Nama Penulis Bersama:
Siti Norbaini Sarmin

Tajuk Buku:
*Cellulose: Development, Processing, and Applications
Biocomposites As Structural*

Tajuk Bab Buku:
*Biocomposites as Structural Components in Various
Applications*

Nama Penerbit:
CRC Press



Nama Penulis Utama:
Puan Nurul Nadia binti Nor Hamran

Nama Penulis Bersama:
Jaharah A. Ghani

Tajuk Buku:
Tribology in Sustainable Manufacturing

Tajuk Bab Buku:
Nano-Additives-Assisted MQL Machining

Nama Penerbit:
Taylor & Francis



Nama Penulis Utama:

Profesor Madya Ts. Dr. Saifful Kamaluddin bin
Muzakir@Lokman

Nama Penulis Bersama:

M.A. Saadiah, N.F. Shaafi, A.S. Samsudin

Tajuk Buku:

*Quantum Dots Emerging Materials for Versatile
Applications*

Tajuk Bab Buku:

*Functionalization of Carbon and Graphene Quantum
Dots*

Nama Penerbit:

Elsevier



Nama Penulis Utama:

Ts. Dr. Shalyda binti Md Shaarani@Md Nawi

Nama Penulis Bersama:

Aizi Nor Mazila Ramli, Nor Hasmaliana Abdul Manas,
Rabiatul Adawiyah Ahmad, Siti Fatimah Zaharah
Mohamad Fuzi and Zatul Iffah Mohd Arshad

Tajuk Buku:

*Valorization of Wastes for Sustainable Development
Waste to Wealth*

Tajuk Bab Buku:

*Biofuel Scale-Up from Waste Source and Strategies for
Cost Optimization*

Nama Penerbit:

Elsevier



Nama Penulis Utama:
Ts. Dr. Siti Maznah binti Kabeb

Nama Penulis Bersama:
Nurul Huda Abu Bakar

Tajuk Buku:
Polymer Blend Nanocomposites for Energy Storage Applications

Tajuk Bab Buku:
Polymer Blend Nanocomposites for Polymer Electrolyte Membrane Fuel Cell (PEMFC) Applications

Nama Penerbit:
Elsevier



Nama Penulis Utama:
Ts. Dr. Siti Noor Hidayah binti Mustapha

Nama Penulis Bersama:
Rohani Mustapha

Tajuk Buku:
Polyester-Based Biocomposites

Tajuk Bab Buku:
Hybrid Polyester and Bio-Polyester Composites

Nama Penerbit:
CRC Press



Nama Penulis Utama:

Profesor Madya Ts. Dr. Sunarti binti Abd Rahman

Nama Penulis Bersama:

Wan Zulaisa Amira Wan Jusoh, Abdul Latif Ahmad,
Nadzirah Mohd Mokhtar, Hasrinah Hasbullah

Tajuk Buku:

*Advanced Materials for Wastewater Treatment and
Desalination-Fundamentals to Applications*

Tajuk Bab Buku:

*Investigating Thin-Film Composite Membranes
Prepared by Interaction between Trimesoyl Chloride
with M-Phenylenediamine and Piperazine on Nylon 66
and Performance in Isopropanol Dehydration*

Nama Penerbit:

CRC Press



Nama Penulis Utama:

Profesor Madya Dr. Wan Mohd Hafizuddin bin Wan
Yusof

Nama Penulis Bersama:

Roli N.F.M., Saufi S.M., Abu Seman M.N., Mohammad
A.W.

Tajuk Buku:

*Nanofiltration for Sustainability: Reuse, Recycle and
Resource Recovery*

Tajuk Bab Buku:

*Recovery of Xylose from Oil Palm Frond (OPF)
Bagasse Hydrolysate Using Commercial Spiral-Wound
Nanofiltration Membrane*

Nama Penerbit:

CRC Press



Nama Penulis Utama:
Dr. Wan Norfazilah binti Wan Ismail

Nama Penulis Bersama:
Nurul 'Azyyati Sabri, Nurlin Abu Samah dan Siti
Umairah Mokhtar

Tajuk Buku:
Management and Mitigation of Emerging Pollutants

Tajuk Bab Buku:
*Conventional Wastewater Treatment Methods for The
Removal of Eps*

Nama Penerbit:
Springer



Nama Penulis Utama:
Ts. Dr. Zatul Iffah binti Mohd Arshad

Nama Penulis Bersama:
Jun Wei Roy Chong, Zatul Iffah Mohd Arshad, Kit
Wayne Chew, Pau Loke Show

Tajuk Buku:
*Principles of Multiple-Liquid Separation Systems
Interaction, Application and Advancement*

Tajuk Bab Buku:
Polymer-Salt Interaction

Nama Penerbit:
Elsevier



Nama Penulis Utama:

Profesor Dato' Ts. Dr. Zularisam bin Ab Wahid

Nama Penulis Bersama:

Supriyanka Rana, Eshita Sharma, P. Mishra, L. Singh,
Z.A. Wahid, R. Gupta, Swati Sharma

Tajuk Buku:

*CO₂-philic Polymers, Nanocomposites and Chemical
Solvents: Capture, Conversion and Industrial Products*

Tajuk Bab Buku:

*Metal-Organic and Covalent-Organic Frameworks for
CO₂ Capture*

Nama Penerbit:

Elsevier

**Anugerah Cendekia Bitara 2023:
Kategori Geran Antarabangsa**



Nama Ketua Projek:
Dr. Noormazlinah binti Ahmad

Nama Projek:
*Hydroponics and Aquaponics with Aiot in Qatar
(HAIAT)*

Nama Pemberi Dana:
Qatar National Research Fund

Jumlah Dana:
RM361,910.46



Nama Ketua Projek:

Profesor Ir. Dr Mohd Faizal bin Jamlos

Nama Projek:

*lot Test and Measurement System for Precision
Farming and Environmental Monitoring with Predictive
Analytics Using Lorawan Communication*

Nama Pemberi Dana:

Filpal (S) Pte. Ltd.

Jumlah Dana:

RM199,659.56



Nama Ketua Projek:

Profesor Madya Ir. Dr Nurul Hazlina binti Noordin

Nama Projek:

Mystem Project: Be Inspired

Nama Pemberi Dana:

Motorola Solutions Foundation

Jumlah Dana:

RM137,753.26

Nama Ketua Projek:

Profesor Madya Ir. Dr Nurul Hazlina binti Noordin

Nama Projek:

Enhancing Digital Making Modules for Inclusive Stem Education: A Study of Pedagogical Approaches, Customization Strategies, and Assessment Methods Within The P-Tech Program@UMP Stem Lab

Nama Pemberi Dana:

IBM Asia - Vietnam & Malaysia

Jumlah Dana:

RM69,948.85



Nama Ketua Projek:

Profesor Ts. Dr. Mohd Ruzaimi Bin Mat Rejab

Nama Projek:

*Virtual Exhibition Space For Technical Historical
Objects: Phase 2 - Augmented Reality*

Nama Pemberi Dana:

German Academic Exchange Service

Jumlah Dana:

RM112,256.65



Nama Ketua Projek:

Dr. Siti Hajar Noor binti Shaarani

Nama Projek:

*Hydroponics And Aquaponics With Alot in Qatar
(HAIAT)*

Nama Pemberi Dana:

Qatar National Research Fund

Jumlah Dana:

RM53,846.65

**Anugerah Cendekia Bitara 2023:
Kategori Geran Industri**



Nama Ketua Projek:

Ts. Dr. Syafiq Fauzi bin Kamarulzaman

Nama Projek:

*Design and Development of Elephant Intrusion
Detector and Deterrence in Plantation Based on
Artificial Intelligence*

Nama Pemberi Dana:

Satok Bridge Digital Sdn. Bhd.

Jumlah Dana:

RM100,000.00



Nama Ketua Projek:

Profesor ChM. Dr. Chong Kwok Feng

Nama Projek:

*Lanthanum and Cerium Market Applications in The
Water Industry*

Nama Pemberi Dana:

Lynas Malaysia Sdn. Bhd.

Jumlah Dana:

RM56,070.00

**Anugerah Cendekia Bitara 2023:
Kategori Geran Agensi**



Nama Ketua Projek:

Profesor Madya Dr. Fazeeda binti Mohamad

Nama Projek:

Pembangunan Rangka Tindakan dan Pelan
Strategik Untuk Majlis Pekerja Negeri Pahang (MPNP)

Nama Pemberi Dana:

Majlis Pekerja Negeri Pahang

Jumlah Dana:

RM313,200.00



Nama Ketua Projek:

Encik Wan Nazrul Helmy bin Wan Mohd Zain

Nama Projek:

Penyelidikan Penerbitan Buku 'Memoir Lima Dekad
Stadium Darul Makmur, 1973-2023'

Nama Pemberi Dana:

Perbadanan Stadium Darul Makmur

Jumlah Dana:

RM145,000.00

Nama Ketua Projek:

Encik Wan Nazrul Helmy bin Wan Mohd Zain

Nama Projek:

Penyelidikan Penerbitan Buku 'Pancawarna: Al-Sultan
Abdullah Ri'ayatuddin Al-Mustafa Billah Shah'

Nama Pemberi Dana:

Majlis Ugama Islam dan Adat Resam Melayu Pahang

Jumlah Dana:

RM50,000.00



Nama Ketua Projek:
Mejar Dr. Imaduddin bin Abidin

Nama Projek:
Pembangunan Insinerator Quran Pintar (IQP)

Nama Pemberi Dana:
Jabatan Agama Islam Pahang

Jumlah Dana:
RM65,000.00

Nama Ketua Projek:
Mejar Dr. Imaduddin bin Abidin

Nama Projek:
Pembangunan Insinerator Quran Pintar (IQP)

Nama Pemberi Dana:
Wakaf Pahang

Jumlah Dana:
RM65,000.00



Nama Ketua Projek:
Dr. Suhaidah Binti Hussain

Nama Projek:
Kajian Pewujudan Entiti Khusus Bagi Pengurusan
Kemasukan, Pengeluaran Dan Penamatan Pas
Lawatan Kerja Sementara (PLKS) Pekerja Asing

Nama Pemberi Dana:
Institut Keselamatan Awam Malaysia (IPSOM)

Jumlah Dana:
RM21,300.00

**Anugerah Cendekia Bitara 2023:
Kategori Perundingan**



Nama Ketua Projek:

Profesor Madya Ir. Dr. Fadzil bin Mat Yahaya

Tajuk Perundingan:

Kajian Kebolehsanaan Pembinaan Spurline ECRL
di Pahang

Nama Klien:

Pejabat Setiausaha Kerajaan Pahang

Jumlah Perundingan:

RM103,425.05

**Anugerah Cendekia Bitara 2023:
Kategori Kualiti Penyelidikan**



**Faculty of
Industrial Management**
Fakulti Pengurusan Industri

Nama Fakulti:
Fakulti Pengurusan Industri

Skor:
92.29

Bintang:
5 Bintang

**Anugerah Sanjungan 23:
Kategori Penerbitan Jurnal**



Penulis Utama:

Profesor Dr. Wan Azmi bin Wan Hamzah

Penulis Bersama:

Sharif M.Z., Ghazali M.F., Samykano M., Ali H.M.

Tajuk Artikel:

Performance Improvement Strategies of R1234yf In Vapor Compression Refrigeration System As A R134a Replacement: A Review

Tajuk Jurnal:

Journal of the Taiwan Institute of Chemical Engineers

Penulis Utama:

Profesor Dr. Wan Azmi bin Wan Hamzah

Penulis Bersama:

Sharif M.Z., Ghazali M.F., Ali H.M.

Tajuk Artikel:

Performance Augmentation of Retrofitted Sustainable R1234yf In R134a Air Conditioning System Using Al₂O₃-SiO₂ Hybrid Nanolubricant

Tajuk Jurnal:

Journal of Thermal Analysis and Calorimetry



Penulis Utama:

Profesor Dr. Wan Azmi Bin Wan Hamzah

Penulis Bersama:

Zawawi N.N.M., Majid Z.A.A., Rahim R.A., Ali H.M.

Tajuk Artikel:

*Efficiency Enhancement of Building Multi-Layer Solar
Collector With $\text{SiO}_2\text{-TiO}_2$ Hybrid Nanofluids*

Tajuk Jurnal:

Building Simulation



Penulis Utama:

Profesor Madya Dr. Sudhakar Kumarasamy

Penulis Bersama:

Khan S., Yusof M.H.

Tajuk Artikel:

*Building Integrated Photovoltaics Powered Electric
Vehicle Charging With Energy Storage For Residential
Building: Design, Simulation, and Assessment*

Tajuk Jurnal:

Journal of Energy Storage



Penulis Utama:

Profesor Madya Dr. Sudhakar Kumarasamy

Penulis Bersama:

Khan N., Mamat R.

Tajuk Artikel:

Seaweed Farming: A Perspectives of Genetic Engineering and Nano-Technology Application

Tajuk Jurnal:

Heliyon



Penulis Utama:

Profesor Dr. Jose Rajan

Penulis Bersama:

Vijayan B.L., Yasin A., Misnon I.I., Karuppiyah C., Yang C.-C.,

Tajuk Artikel:

Lithium-Ion Adsorption on Surface Modified Porous Carbon

Tajuk Jurnal:

Journal of Energy Storage



Penulis Utama:

Profesor Ir. Ts. Dr. Mahendran a/l Samykan

Penulis Bersama:

Aljaerani H.A., Pandey A.K., Said Z., Sudhakar K.,
Saidur R.

Tajuk Artikel:

*Effect of Tio₂ Nanoparticles on The Thermal Energy
Storage of HITEC Salt for Concentrated Solar Power
Applications*

Tajuk Jurnal:

Journal of Energy Storage

Penulis Utama:

Profesor Ir. Ts. Dr. Mahendran a/l Samykan

Penulis Bersama:

Laghari I.A., Pandey A.K., Aljafari B., Kadirgama K.,
Sharma K., Tyagi V.V.

Tajuk Artikel:

*Thermal Energy Harvesting of Highly Conductive
Graphene-Enhanced Paraffin Phase Change Material*

Tajuk Jurnal:

Journal of Thermal Analysis and Calorimetry



Penulis Utama:

Dr. Izan Izwan bin Misonon

Penulis Bersama:

Shetty M., Manickavasakam K., Sabbanahalli C., Bekal C., Subrahmanya P A., Roy K., Shivaramu P.D., Shenoy. B S., Rangappa D.

Tajuk Artikel:

Rapid Single Pot Synthesis of Hierarchical Bi₂WO₆ Microspheres/RGO Nanocomposite and It's Application in Energy Storage: A Supercritical Water Approach

Tajuk Jurnal:

Journal of Energy Storage



Penulis Utama:

Profesor Ir. Ts. Dr. Kumaran a/l Kadirgama

Penulis Bersama:

Aslfattahi N., Samylingam L., Kiai M.S., Kadirgama K., Kulish V., Schmirler M., Said Z.

Tajuk Artikel:

State-of-The-Art Review on Electrolytes for Sodium-Ion Batteries: Potential Recent Progress and Technical Challenges

Tajuk Jurnal:

Journal of Energy Storage



Penulis Utama:

Profesor Ir. Ts. Dr. Kumaran a/l Kadirgama

Penulis Bersama:

Das L., Aslfattahi N., Habib K., Saidur R., Das A.,

Tajuk Artikel:

Thermohydraulic Performance Investigation of A Heat Exchanger With Combined Effect of Ribbed Insert and Therminol55/Mxene+ Al₂O₃ Nanofluid: A Numerical Two-Phase Approach

Tajuk Jurnal:

Heliyon

Penulis Utama:

Profesor Ir. Ts. Dr. Kumaran a/l Kadirgama

Penulis Bersama:

Rahman M.T., Habib K., Quader M.N., Aslfattahi N., Das L.

Tajuk Artikel:

Effect of Porous Density of Twisted Tape Inserts on Heat Transfer Performance Inside A Closed Conduit

Tajuk Jurnal:

Heliyon



Penulis Utama:

Profesor Madya Dr. Muhammad Ashraf bin
Fauri@Fauzi

Penulis Bersama:

Sapuan N.M., Zainudin N.M.

Tajuk Artikel:

*Women and Female Entrepreneurship: Past, Present,
and Future Trends in Developing Countries*

Tajuk Jurnal:

Entrepreneurial Business and Economics Review



Penulis Utama:

Profesor Ir. Ts. Dr. Kamarul Hawari bin Ghazali

Penulis Bersama:

Usman F., Ghazali K.H., Muda R., Johari N.H., Dennis
J.O., Tamam N., Sulieman A., Ji Y.

Tajuk Artikel:

*Magnetoresistance And Magneto-Plasmonic Sensors
for The Detection of Cancer Biomarkers: A Bibliometric
Analysis and Recent Advances*

Tajuk Jurnal:

Sensors and Actuators Reports



Penulis Utama:

Profesor Madya Ts. Dr. Abdul Rahimi bin
Abdul Rahman

Penulis Bersama:

Al-Mohammad M.S., Haron A.T., Aloko M.N., Rahman
R.A.

Tajuk Artikel:

*Factors Affecting BIM Implementation in Post-Conflict
Low-Income Economies: The Case of Afghanistan*

Tajuk Jurnal:

Journal of Engineering, Design and Technology

Penulis Utama:

Profesor Madya Ts. Dr. Abdul Rahimi bin
Abdul Rahman

Penulis Bersama:

Radzi A.R., Rahman R.A., Doh S.I.

Tajuk Artikel:

*Decision Making in Highway Construction: A
Systematic Review and Future Directions*

Tajuk Jurnal:

Journal of Engineering, Design and Technology

**Anugerah Sanjungan 23:
Kategori Anugerah Buku**



Nama Penulis:

Profesor Dr. Hasan bin Ahmad

Nama Penulis Bersama:

Tan Sri Dato' Sri Dr. Abdul Aziz Abdul Rahman, Hasan Ahmad, Mohd Mahzan Awang, Faridah Hanum M. Si, Muhammad Azli Shukri

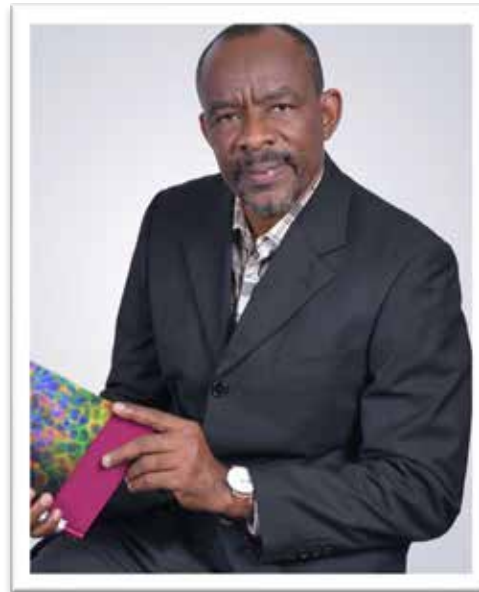
Tajuk Buku:

Rukun Negara dan Pancasila: Ideologi dan Amalan

Nama Anugerah:

Anugerah Buku Negara 2023

**Anugerah Sanjungan 23:
Kategori Produk Penyelidikan**



Nama Penyelidik:

Profesor Dr. Abdurahman Hamid Nour

Tajuk Projek:

*A Hybrid Ultrasonic Membrane Anaerobic System
(UMAS) in Treating Wastewater*

Nama Pameran:

Malaysia Technology Expo (MTE) 2023

Nama Anugerah:

*Japan Intellectual Property Association (JIPA)
- Best Environment Association*

**Anugerah Emas 23:
Kategori Penerbitan Jurnal**

NAMA PENULIS UTAMA	NAMA PENULIS BERSAMA	TAJUK ARTIKEL	TAJUK JURNAL
Zulhelmi bin Ismail	Abdullah A.H., Charles A., Ismail Z.	<i>Introduction and Characterization of Simple Moisture-Driven Smart Paper for Chemistry Experiment in The Classroom: A Brief Guideline</i>	<i>Journal of Chemical Education</i>
Mohd Ashraf bin Ahmad	Krishnan H., Islam M.S., Ahmad M.A., Rashid M.I.M.	<i>Parameter Identification of Solar Cells Using Improved Archimedes Optimization Algorithm</i>	Optik
Mahendran a/l Samykano	Kalidasan B., Pandey A.K., Saidur R., Samykano M., Tyagi V.V.	<i>Nano Additive Enhanced Salt Hydrate Phase Change Materials for Thermal Energy Storage</i>	<i>International Materials Reviews</i>
Mohd Faizal bin Jamlos	Raypah M.E., Nasru M.I.M., Nazim M.H.H., Omar A.F., Zahir S.A.D.M., Jamlos M.F., Muncan J.	<i>Spectral Response to Early Detection of Stressed Oil Palm Seedlings Using Near-Infrared Reflectance Spectra for Region 900-1000 Nm</i>	<i>Infrared Physics and Technology</i>
Muhammad Ashraf bin Fauri@Fauzi	Fauzi M.A.	<i>Social Media in Disaster Management: Review of The Literature and Future Trends Through Bibliometric Analysis</i>	<i>Natural Hazards</i>
Mohd Herwan bin Sulaiman	Sulaiman M.H., Mustafa Z., Saari M.M., Daniyal H., Mirjalili S.	<i>Evolutionary Mating Algorithm</i>	<i>Neural Computing and Applications</i>
Mohd Arfian bin Ismail	Nordin N.S., Ismail M.A.	<i>A Hybridization of Butterfly Optimization Algorithm and Harmony Search for Fuzzy Modelling in Phishing Attack Detection</i>	<i>Neural Computing and Applications</i>



NAMA PENULIS UTAMA	NAMA PENULIS BERSAMA	TAJUK ARTIKEL	TAJUK JURNAL
Kamal Zuhairi bin Zamli	Zamli K.Z., Alhadawi H.S., Din F.	<i>Utilizing The Roulette Wheel Based Social Network Search Algorithm for Substitution Box Construction and Optimization</i>	<i>Neural Computing and Applications</i>
Kamal Zuhairi bin Zamli	Zamli K.Z., Din F., Alhadawi H.S.	<i>Exploring A Q-Learning-Based Chaotic Naked Mole Rat Algorithm for S-Box Construction and Optimization</i>	<i>Neural Computing and Applications</i>
Mohd Ashraf bin Ahmad	Mohd Tumari M.Z., Ahmad M.A., Suid M.H., Ghazali M.R., Tokhi M.O.	<i>An Improved Marine Predators Algorithm Tuned Data-Driven Multiple-Node Hormone Regulation Neuroendocrine-Pid Controller for Multi-Input–Multi-Output Gantry Crane System</i>	<i>Journal of Low Frequency Noise Vibration and Active Control</i>
Ferda Ernawan	Ernawan F., Ariatmanto D.	<i>A Recent Survey on Image Watermarking Using Scaling Factor Techniques for Copyright Protection</i>	<i>Multimedia Tools and Applications</i>
Ferda Ernawan	Ernawan F., Ariatmanto D.	<i>An Efficient Adaptive Scaling Factor for 4×4 DCT Image Watermarking</i>	<i>Multimedia Tools and Applications</i>
Irene Ting Wei Kiong	Wang W.-K., Lu W.-M., Ting I.W.K., Siao W.-Y.	<i>Earnings Management and Corporate Efficiency Pre-and Post-IFRS: Evidence from Taiwanese Listed Electronics Corporations</i>	<i>Journal of Applied Accounting Research</i>
Gaanty Pragasa a/l Maniam	Embong N.H., Hindryawati N., Bhuyar P., Govindan N., Rahim M.H.A., Maniam G.P.	<i>Enhanced Biodiesel Production Via Esterification of Palm Fatty Acid Distillate (PFAD) Using Rice Husk Ash (Niso4)/Sio2 Catalyst</i>	<i>Applied Nanoscience (Switzerland)</i>

NAMA PENULIS UTAMA	NAMA PENULIS BERSAMA	TAJUK ARTIKEL	TAJUK JURNAL
Mohd Fadhlán bin Mohd Yusof	Yusof M.F.M., Quazi M.M., Aleem S.A.A., Ishak M., Ghazali M.F.	<i>Identification of Weld Defect Through The Application of Denoising Method to The Sound Signal Acquired During Pulse Mode Laser Welding</i>	<i>Welding in The World</i>
Mohd Nasrullah bin Zulkifli	Amalina F., Abd Razak A.S., Zularisam A.W., Aziz M.A.A., Krishnan S., Nasrullah M.	<i>Comprehensive Assessment of Biochar Integration in Agricultural Soil Conditioning: Advantages, Drawbacks, and Future Prospects</i>	<i>Physics and Chemistry of The Earth</i>
Mohd Faizal bin Jamlos	Raypah M.E., Mahmud S., Samsuri S.A.M., Jamlos M.F.	<i>Effect of Annealing Atmosphere on Characteristics of Kaolin-Doped Zinc Oxide Disks</i>	<i>Physics Letters, Section A: General, Atomic and Solid State Physics</i>
Mohd Nasrullah bin Zulkifli	Amalina F., Krishnan S., Zularisam A.W., Nasrullah M.	<i>Recent Advancement and Applications of Biochar Technology As A Multifunctional Component Towards Sustainable Environment</i>	<i>Environmental Development</i>
Liang Yong Yeow	Foo K., Liang Y.Y., Goh P.S., Fletcher D.F.	<i>Computational Fluid Dynamics Simulations of Membrane Gas Separation: Overview, Challenges and Future Perspectives</i>	<i>Chemical Engineering Research and Design</i>
Herma Dina binti Setiabudi	Abdulkadir B.A., Teh L.P., Abidin S.Z., Setiabudi H.D., Jusoh R.	<i>Advancements in Silica-Based Nanostructured Photocatalysts for Efficient Hydrogen Generation from Water Splitting</i>	<i>Chemical Engineering Research and Design</i>
Herma Dina binti Setiabudi	Zaki R.S.R.M., Jalil A.A., Setiabudi H.D.	<i>Intensified Photocatalytic Degradation of Methylene Blue Over Fe Supported on Dendritic Fibrous Sba-15: Optimisation, Kinetic, Isotherm, and Reusability</i>	<i>Chemical Engineering Research and Design</i>



NAMA PENULIS UTAMA	NAMA PENULIS BERSAMA	TAJUK ARTIKEL	TAJUK JURNAL
Mazrul Nizam bin Abu Seman	Shafie N.A., Abu Seman M.N., Saufi S.M., Mohammad A.W.	<i>Influence of Polyethersulfone Substrate Properties on The Performance of Thin Film Composite Forward Osmosis Membrane: Effect of Additive Concentration, Polymer Concentration and Casting Thickness</i>	<i>Chemical Engineering Research and Design</i>
Liang Yong Yeow	Foo K., Lin W., Goh P.S., Ahmad A.L., Liang Y.Y.	<i>Impact of Spacer on Membrane Gas Separation Performance</i>	<i>Chemical Engineering Research and Design</i>
Raihana Zahirah binti Edros	Edros R., Feng T.W., Dong R.H.	<i>Utilizing Machine Learning Techniques to Predict The Blood- Brain Barrier Permeability of Compounds Detected Using Lcqtof-Ms in Malaysian Kelulut Honey</i>	<i>Sar and Qsar in Environmental Research</i>
Yudi Fernando	Fernando Y., Shaharudin M.S., Abideen A.Z.	<i>Circular Economy-Based Reverse Logistics: Dynamic Interplay Between Sustainable Resource Commitment and Financial Performance</i>	<i>European Journal of Management and Business Economics</i>
Lee Khai Loon	Mat Ishah N.S., Lee K.L., Nawanir G.	<i>Educational Supply Chain Sustainability</i>	<i>Asian Education and Development Studies</i>
Wan Sharuzi bin Wan Harun	Sandanamsamy L., Harun W.S.W., Ishak I., Romlay F.R.M., Kadirgama K., Ramasamy D., Idris S.R.A., Tsumori F.	<i>A Comprehensive Review on Fused Deposition Modelling of Polylactic Acid</i>	<i>Progress in Additive Manufacturing</i>
Jose Rajan	Ganesh G., Yasin A., Misnon I.I., Fakharuddin A., Schmidt- Mende L., Ab Rahim M.H., Thomas S., Jose R.	<i>Augmenting Stability and Performance in Perovskite Solar Cells: A Critical Review on Perovskite-Polymer Synergy</i>	<i>Solar Energy</i>

NAMA PENULIS UTAMA	NAMA PENULIS BERSAMA	TAJUK ARTIKEL	TAJUK JURNAL
Amir bin Abdul Razak	Lahimer A.A., Razak A.A., Sharol A.F., Sopian K.	<i>Automotive Cabin Soak Temperature Control Strategies for Improved Safety, Comfort and Fuel Efficiency: A Review</i>	<i>Solar Energy</i>
Abdul Rahimi bin Abdul Rahman	Al-Mohammad M.S., Haron A.T., Esa M., Aloko M.N., Alhammadi Y., Anandh K.S., Rahman R.A.	<i>Factors Affecting Bim Implementation: Evidence from Countries with Different Income Levels</i>	<i>Construction Innovation</i>
Md. Mustafizur Rahman	Parvez M.S., Rahman M.M., Samykan M., Yeakub Ali M.	<i>Electrochemical Characterization and Joule Heating Performance of Polyaniline Incorporated Cotton Fabric</i>	<i>Physics and Chemistry of The Earth</i>
Ramadhansyah Putra Jaya	Ali Mohamed A., Billa L., Putra Jaya R.	<i>Challenges of Post-Conflict Urban Transportation Reconstruction in Mogadishu, Somalia</i>	<i>Physics and Chemistry of The Earth</i>
Wan Norfazilah binti Wan Ismail	Abu Bakar N.H., Wan Ismail W.N., Mohd Yusop H., Mohd Zulkifli N.F.	<i>Synthesis of A Water-Based Teos-Pdms Sol-Gel Coating for Hydrophobic Cotton and Polyester Fabrics</i>	<i>New Journal of Chemistry</i>
Mohd Nasrullah bin Zulkifli	Zaied B.K., Rashid M., Nasrullah M., Bari B.S., Zularisam A.W., Singh L., Kumar D., Krishnan S.	<i>Prediction and Optimization of Biogas Production from Pome Co-Digestion in Solar Bioreactor Using Artificial Neural Network Coupled with Particle Swarm Optimization (Ann-Pso)</i>	<i>Biomass Conversion and Biorefinery</i>
Gaanty Pragasa a/l Maniam	Malek M.N.F.A., Hussin N.M., Embong N.H., Bhuyar P., Rahim M.H.A., Govindan N., Maniam G.P.	<i>Ultrasonication: A Process Intensification Tool for Methyl Ester Synthesis: A Mini Review</i>	<i>Biomass Conversion and Biorefinery</i>



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Saidatul Shima binti Jamari	Madusari S., Jamari S.S., Nordin N.I.A.A., Bindar Y., Prakoso T., Restiawaty E., Steven S.	<i>Hybrid Hydrothermal Carbonization and Ultrasound Technology on Oil Palm Biomass for Hydrochar Production</i>	<i>ChemBioeng Reviews</i>
Che Ku Mohammad Faizal bin Che Ku Yahya	Karim A., Islam M.A., Mishra P., Muzahid A.J.M., Yousuf A., Khan M.M.R., Faizal C.K.M.	<i>Yeast and Bacteria Co-Culture-Based Lipid Production Through Bioremediation of Palm Oil Mill Effluent: A Statistical Optimization</i>	<i>Biomass Conversion and Biorefinery</i>
Zularisam bin Ab Wahid	Mishra P., Wahid Z.A., Zaid R.M., Rana S., Tabassum S., Karim A., Singh L., Islam M.A., Jaing X., Sakinah M.	<i>Kinetics and Statistical Optimization Study of Bio-Hydrogen Production Using The Immobilized Photo-Bacterium</i>	<i>Biomass Conversion and Biorefinery</i>
Gaanty Pragas a/l Maniam	Khazaai S.N.M., Bhuyar P., Rahim M.H.A., Alwi M.H.F.M., Yiting S., Maniam G.P.	<i>Rapid Determination of Diesel/Biodiesel Blend Ratio Using Refractive Index, Density, and Kinematic Viscosity Measurements</i>	<i>Biomass Conversion and Biorefinery</i>
Sudhakar Kumarasamy	Khan S., Sudhakar K., Yusof M.H.B., Azmi W.H., Ali H.M.	<i>Roof Integrated Photovoltaic for Electric Vehicle Charging Towards Net Zero Residential Buildings in Australia</i>	<i>Energy for Sustainable Development</i>
Mahendran a/l Samykano	Yadav A., Samykano M., Pandey A.K., Aljafari B., Tyagi V.V.	<i>Synthesis and Characterization of Polyethylene Glycol- Polymethyl Methacrylate Infused Multiwalled Carbon Nanotube Nanocomposite As An Efficient Thermal Energy Storage</i>	<i>Materials Today Communications</i>
Siti Rabiattull Aisha binti Idris	Abdullah A., Aisha Idris S.R.	<i>A Review: Effect of Copper Percentage Solder Alloy After Laser Soldering</i>	<i>Soldering and Surface Mount Technology</i>

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Siti Rabiattul Aisha binti Idris	Abdullah M.A., Idris S.R.A.	<i>Role of Cu Percentage in The Sn-Xcu Alloy on The Mechanical Performance for Sn-Xcu/Enig Interface Produced by Laser Soldering</i>	<i>Soldering and Surface Mount Technology</i>
Nurul Aini binti Mohd Azman	Subramaniam S.D., Azman N.A.B.M., Abdul Mudalip S.K.B., Halim L.A., Basrawi F., Muhammad N.B.	<i>Modeling, Drying Kinetics, and Antioxidant Properties of Bentong Ginger Based on Different Drying Techniques</i>	<i>Journal of Food Process Engineering</i>
Mohd Ashraf bin Ahmad	Mohd Tumari M.Z., Ahmad M.A., Mohd Rashid M.I.	<i>A Fractional Order Pid Tuning Tool for Automatic Voltage Regulator Using Marine Predators Algorithm</i>	<i>Energy Reports</i>
Muhammad Aizzat bin Zakaria	Vinayak A., Zakaria M.A., Baarath K., Peeie M.H., Ishak M.I.	<i>A Novel Triangular-Based Estimation Technique for Bezier Curve Control Points Generation on Autonomous Vehicle Path Planning for The Roundabout Intersection</i>	<i>Journal of Intelligent and Robotic Systems: Theory and Applications</i>
Ngui Wai Keng	Faysal A., Ngui W.K., Lim M.H., Leong M.S.	<i>Ensemble Augmentation for Deep Neural Networks Using 1-D Time Series Vibration Data</i>	<i>Journal of Vibration Engineering and Technologies</i>
Asnul Hadi bin Ahmad	Tajudin M.F.M., Ahmad A.H., Alias J., Razak N.A.A., Alang N.A.	<i>Grain Refinement in Semi-Solid Metal Processing: Current Status and Recent Development</i>	<i>International Journal of Advanced Manufacturing Technology</i>
Sumaiya bt Zainal Abidin@Murad	Osazuwa O.U., Zainal Abidin S., Roslan N.A., Fan X., Setiabudi H.D., Vo D.-V.N., Onwudili J.A.	<i>The Role of Catalyst Synthesis on The Enhancement of Nickel Praseodymium (Iii) Oxide for The Conversion of Greenhouse Gases to Syngas</i>	<i>Clean Technologies and Environmental Policy</i>



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Mohd Yusri bin Mohd Yunus	Khudhur Abbas Al-Amshawee S., bin Mohd Yunus M.Y., Habib Dakhil I.	<i>Multilayered Membrane Spacer: Does It Enhance Solution Mixing?</i>	<i>Journal of Chemical Technology and Biotechnology</i>
Nur Hidayah binti Mat Yasin	Yasin N.H.M., Aziz N.N.C., Azmai M.B.A., Hanapi M.F.M.	<i>Transesterification Method of Microalgae Biomass to Produce Fatty Acid Methyl Esters</i>	<i>Journal of Chemical Technology and Biotechnology</i>
Rohaida binti Che Man	Man R.C., Manas N.H.A., Illias R.M., Mudalip S.K.A., Sulaiman S.Z., Masngut N.	<i>Enhanced Excretion of Recombinant Cyclodextrin Glucanotransferase and Cell Stability of Immobilized Recombinant Escherichia Coli by Reducing Tryptone Concentration</i>	<i>Journal of Chemical Technology and Biotechnology</i>
Siti Kholijah binti Abdul Mudalip	Hashim N.A., Mudalip S.K.A., Man R.C., Sulaiman S.Z.	<i>Menhaden Fish Oil Encapsulation by Spray Drying Process: Influence of Different Biopolymer Materials, Inlet Air Temperature and Emulsion Ratios</i>	<i>Journal of Chemical Technology and Biotechnology</i>
Sumaiya bt Zainal Abidin@Murad	Hidayah N.N., Roslan N.A., Osazuwa O.U., Cuong Nguyen V., Zainal Abidin S.	<i>Adsorptive Capacity and Kinetic Studies of Pk216 Resin for The Extraction of PR, GD, and DY Rare Earth Elements</i>	<i>Journal of Chemical Technology and Biotechnology</i>
Rasidi bin Roslan	Hussain N.I.A.M., Salim N., Mustapha S.N.H., Mison I.I., Rahim M.H.A., Roslan R.	<i>Lignocellulose Biomass Delignification Using Acid Hydrotrope As Green Solvent: A Mini-Review</i>	<i>Cellulose Chemistry and Technology</i>
Azrina binti Abd Aziz	Monir M.U., Aziz A.A., Karim K.M.R., Khatun F., Tarek M., Yousuf A., N. Vo D.-V.	<i>Catalytic Gasification of Empty Palm Fruit Bunches Using Charcoal and Bismuth Oxide for Syngas Production</i>	<i>Topics in Catalysis</i>

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Yudi Fernando	Fernando Y., Wahyuni-Td I.S., Zainul Abideen A., Mergeresa F.	<i>Traceability Technology, Halal Logistics Brand and Logistics Performance: Religious Beliefs and Beyond</i>	<i>Journal of Islamic Marketing</i>
Yudi Fernando	Fernando Y., Ahmad Jasmi M.F., Wahyuni-Td I.S., Mergeresa F., Khamis K.A., Fakhrorazi A., Omar R.	<i>Supply Chain Integration and Halal Frozen Meat Product Returns</i>	<i>Journal of Islamic Marketing</i>
Jose Rajan	Roslee A.E., Nik Mohamed N.A., Thamburaja P., Jose R.	<i>A Generalized Thermophysical Model for Materials from Molecular Clusters to Bulk Crystals</i>	<i>Physica B: Condensed Matter</i>
Mahendran a/l Samykano	Kumaresan R., Samykano M., Kadrigama K., Pandey A.K., Rahman M.M.	<i>Effects of Printing Parameters on The Mechanical Characteristics and Mathematical Modeling of FDM-Printed PETG</i>	<i>International Journal of Advanced Manufacturing Technology</i>
Syed Mohd Saufi bin Tuan Chik	Rajendaren V., Saufi S.M., Zahari M.A.K.M.	<i>Effect of Spinning Parameter on The Properties and Performance of Hollow Fiber Supported Liquid Membrane for Levulinic Acid Extraction</i>	<i>Korean Journal of Chemical Engineering</i>
Rahimah binti Embong	Al Biajawi M.I., Embong R., Tayeh B.A.	<i>A Review of The Role of Glass Waste on The Fresh and Mechanical Properties of Concrete As An Environmentally Friendly Materials</i>	<i>Innovative Infrastructure Solutions</i>
Rahimah binti Jusoh@Awang	Bing Kho Y., Jusoh R., Zuki Salleh M., Hisyam Ariff M., Zainuddin N.	<i>Magnetohydrodynamics Flow of Ag-Tio2 Hybrid Nanofluid Over A Permeable Wedge with Thermal Radiation and Viscous Dissipation</i>	<i>Journal of Magnetism and Magnetic Materials</i>



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Juliawati binti Alias	Mohamed N.S., Alias J., Johari N.A., Alang N.A., Ahmad A.H.	<i>Development of Smart Self-Healing Coating for The Corrosion Protection of Magnesium Alloys: A Brief Review</i>	<i>Journal of Adhesion Science and Technology</i>
Ahmad Salihin bin Samsudin	Mazuki N.F., Khairunnisa K., Saadiah M.A., Kufian M.Z., Samsudin A.S.	<i>Ionic Transport Study of Hybrid Gel Polymer Electrolyte Based on Pmma-Pla Incorporated with Ionic Liquid</i>	<i>Ionics</i>
Norhaida binti Ab. Razak	Roslin M.A.A., Ab Razak N., Alang N.A., Sazali N.	<i>Numerical Simulation of P91 Steel Under Low-Cycle-Fatigue Loading</i>	<i>Journal of Failure Analysis and Prevention</i>
Mohd Shamil bin Shaari	Chin F.Y., Shaari M.S., Takahashi A., Akramin M.R.M., Urai S.	<i>Fatigue Crack Growth Behavior of Alsi10mg Material Produced by Direct Metal Laser Sintering Using S-Version Finite Element Method</i>	<i>Journal of Failure Analysis and Prevention</i>
Mohd Ruzaimi bin Mat Rejab	Yusof Z., Rejab M.R.M., Ma Q.	<i>Leaked Pipeline Reinforced with Composite Wrapping Under Cyclic Operation Loading</i>	<i>Journal of Failure Analysis and Prevention</i>
Aizat bin Alias	Razak N.S.A., Alias A., Mohsan N.M., Masjuki S.A.	<i>Numerical Investigation of The Failure of Stiffened Steel Plates Subjected to Near-Field Blast Loads</i>	<i>Journal of Failure Analysis and Prevention</i>
Mohd Ruzaimi bin Mat Rejab	Ma Q., Rejab M.R.M., Hassan S.A., Azeem M., Saffirna M.S.	<i>Failure Behavior Analysis of The Spherical-Roof Contoured Core (Srcc) Under Quasi-Static Loading: A Numerical Study</i>	<i>Journal of Failure Analysis and Prevention</i>

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Nasrul Azuan bin Alang	Ferdous I.U., Alang N.A., Alias J., Ahmad A.H., Mohd Nadzir S.	<i>Rupture Life and Failure Mechanism of Grade 91 Steel Under The Influence of Notch Constraint</i>	<i>Journal of Failure Analysis and Prevention</i>
Juliawati binti Alias	Alias J., Alang N.A., Ahmad A.H., Razak N.A.	<i>Failure Analysis of A Carbon Steel Pipe-Flange Component</i>	<i>Journal of Failure Analysis and Prevention</i>
Hanida binti Abdul Aziz	Mohamed M.M., Abdul Aziz H., Abdul Manaf N., Lian See T.	<i>Semi-Quantitative Chemical Expert Tool for Occupational Safety and Health (Use and Standards of Exposure of Chemicals Hazardous to Health) Regulations 2000</i>	<i>Acs Chemical Health and Safety</i>
Mohamad Firdaus bin Basrawi	Abdul Halim L., Basrawi F., Md Yudin A.S., Mohd Azman N.A., Oumer A.N., Abd Razak S.B.	<i>Pulsation-Assisted Fluidised Bed Drying of Heat-Sensitive and Sticky Materials: Effect of Basic Parameter, and Pulsation-Specific Parameter</i>	<i>Particulate Science and Technology</i>
Siti Zanariah binti Satari	Zulkipli N.S., Satari S.Z., Hariri F., Abdullah N.A., Wan Yusoff W.N.S., Hussin A.G.	<i>Cranial Morphology Associated with Syndromic Craniosynostosis: A Potential Detection of Abnormality in Patient's Cranial Growth Using Angular Statistics</i>	<i>Cleft Palate Craniofacial Journal</i>
Gaanty Pragas a/l Maniam	Ma'arof N.A.N.B., Hindryawati N., Khazaai S.N.M., Bhuyar P., Rahim M.H.A., Maniam G.P.	<i>Exploitation of Cost-Effective Renewable Heterogeneous Base Catalyst from Banana (Musa Paradisiaca) Peel for Effective Methyl Ester Production from Soybean Oil</i>	<i>Applied Nanoscience (Switzerland)</i>



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Zulhelmi bin Ismail	Abdullah A.H., Ismail Z.	<i>Butterfly Pea Flower As A Stabilizer for Shear Exfoliated Graphene: Green Material for Motion Monitoring and Morse Code Sensor</i>	<i>Applied Nanoscience (Switzerland)</i>
Herma Dina binti Setiabudi	Hasan R., Mohd Zaki R.S.R., Setiabudi H.D., Jusoh R., Jalil A.A., Shokouhimehr M.	<i>Intensified PB(li) Adsorption Using Functionalized Kcc-1 Synthesized from Rice Husk Ash in Batch and Column Adsorption Studies</i>	<i>Applied Nanoscience (Switzerland)</i>
Mohd Ruzaimi bin Mat Rejab	Ma Q., Merzuki M.N.M., Rejab M.R.M., Sani M.S.M., Zhang B.	<i>A Review of The Dynamic Analysis and Free Vibration Analysis on Fiber Metal Laminates (FMLS)</i>	<i>Functional Composites and Structures</i>
Agi Augustine Aja	Musa M.S.M., Agi A., Nwaichi P.I., Ridzuan N., Mahat S.Q.A.B.	<i>Simulation Study of Polymer Flooding Performance: Effect of Salinity, Polymer Concentration in The Malay Basin</i>	<i>Geoenergy Science and Engineering</i>
Agi Augustine Aja	Agi A., Jaafar M.Z., Majid Z.A., Saidina Amin N.A., Sidek M.A., Yakasai F., Ahmad Zaini M.A., Mohd Faizal A.N., Gbadamosi A., Sirajo L., Oseh J., Ridzuan N., Ngouangna E.	<i>Dynamic Modelling of Reservoir Fines Retention by Mesoporous Silica Nanofluid to Improve Oil Recovery During Low Salinity Water Flooding of A Consolidated Sandstone</i>	<i>Geoenergy Science and Engineering</i>
Fatmawati binti Adam	Ramli N.A., Adam F., Mohd Amin K.N., Nor A.M., Ries M.E.	<i>Evaluation of Mechanical and Thermal Properties of Carrageenan/Hydroxypropyl Methyl Cellulose Hard Capsule</i>	<i>Canadian Journal of Chemical Engineering</i>
Cheng Jack Kie	Cheng J.K., Mohamad F., Tamyez P.F.M., Kamaruzzaman Z.A., Zainudin M.M., Zulkipli F.	<i>Evaluation of The Effectiveness of Government Intervention Strategies to Control and Prevent Covid-19 in Malaysia by Systems Thinking</i>	<i>Public Administration and Policy</i>

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Anwar bin P.P. Abdul Majeed	Musa R.M., Abdul Majeed A.P.P., Suhaimi M.Z., Abdullah M.R., Mohd Razman M.A., Abdelhakim D., Abu Osman N.A.	<i>Identification of High-Performance Volleyball Players from Anthropometric Variables and Psychological Readiness: A Machine-Learning Approach</i>	<i>Proceedings of The Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology</i>
Siti Noor Hidayah binti Mustapha	Mohamad Isa M.I., Mustapha S.N.H.	<i>Enhanced Hydrophobic Performance of UV-Curable Palm Oil Polyurethane by Fluoroacrylate Monomer</i>	<i>International Journal of Polymer Analysis and Characterization</i>
Abdul Rahimi bin Abdul Rahman	Farouk A.M., Rahman R.A., Romali N.S.	<i>Non-Revenue Water Reduction Strategies: A Systematic Review</i>	<i>Smart and Sustainable Built Environment</i>
Nor Khonisah binti Daud	Daud N.K., Muthiyah D.	<i>Adsorption of Co₂ on Activated Carbon, Fe-Based Metal Organic Framework, ZNO, and CAO for Carbon Capture and Storage Application</i>	<i>Chemical Engineering and Technology</i>
Nurul Aini binti Mohd Azman	Subramaniam S.D., Wan Yahaya W.A., Mohd Azman N.A., Mohd Arshad Z.I., Basrawi F.	<i>Sustainable Carrageenan/ Nanocomposite Films Incorporated with Optimized Zingiber Officinale Extracts for Active Packaging Systems</i>	<i>Chemical Engineering and Technology</i>
Herma Dina binti Setiabudi	Rajendran Y., Abdulkadir B.A., Jun L.N., Miskan S.N., Vo D.-V.N., Lim J.W., Setiabudi H.D.	<i>Ethylene Glycol Dry Reforming Over La-Co/Al₂O₃: Optimization and Regeneration Studies</i>	<i>Chemical Engineering and Technology</i>
Rohaida binti Che Man	Baharudin N.N.H., Che Man R., Md Illias R., Sulaiman S.Z., Abdul Manas N.H., Wan Azelee N.I.	<i>Optimization of The Reaction Parameters of Immobilized Escherichia Coli for B-Cyclodextrin Production</i>	<i>Chemical Engineering and Technology</i>



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Siti Zubaidah binti Sulaiman	Semawi N.H., Sulaiman S.Z., Mazilan M.S.R., Md Shaarani S., Che Man R., Abdul Mudalip S.K., Mohd Arshad Z.I., Nafsun A.I.	<i>Explosion Severity of Rice Dust in A Spherical System</i>	<i>Chemical Engineering and Technology</i>
Hamidah binti Abdullah	Tarek M., Atta M., Shukor M.Z., Abdullah H., Khan M.R.	<i>Highly Effective B@G-C3n4/Polyaniline Nanoblend for Photoelectrocatalytic Reduction of Co2 to Methanol</i>	<i>Chemical Engineering and Technology</i>
Chin Sim Yee	Chin S.Y., Lim S.F., Lau K.K., Thangavel M., Kamaruzaman M.R.	<i>Iron-Based Nanoparticles Oxygen Scavenger for Suppressing Heat-Stable Salts Formation in Amine</i>	<i>Chemical Engineering and Technology</i>
Ahmad Salihin bin Samsudin	Khan N.M., Kufian M.Z., Samsudin A.S.	<i>The Correlation of Free Ions with The Conduction Phase of 1-Ethyl-3-Methylimidazolium Chloride in Gel Polymer Electrolyte-Based PMMA/Pla Blend Doped with LIBOB</i>	<i>Journal of Electronic Materials</i>
Ahmad Salihin bin Samsudin	Samsudin A.S., Suhaimi N.S., Ghazali N.M.	<i>The Correlation of Li+ Carrier Towards Immittance Conduction Properties on Alginate-Pva-Lino3 Complexes-Based Solid Polymer Electrolytes System</i>	<i>Journal of Electronic Materials</i>
Siti Zanariah binti Satari	Mutalib S.S.S.A., Satari S.Z., Yusoff W.N.S.W.	<i>A New Single Linkage Robust Clustering Outlier Detection Procedures for Multivariate Data (Suatu Prosedur Baharu Pengesanan Data Terpencil Berasaskan Pengelompokan Rangkaian Tunggal Teguh Bagi Data Multivariat)</i>	Sains Malaysiana

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Sumaiya Bt Zainal Abidin@ Murad	Rosli S.N.A., Othman N.H., Nguyen V.C., Zainal Abidin S.	<i>Synergistic Syngas Production: Needleless Electrospinning Synthesis of Co/Ceo2–La2o3 Catalyst for Efficient Dry Reforming of Methane</i>	<i>Chemical Engineering and Technology</i>
Mohd Helmi bin Suid	Suid M.H., Ahmad M.A.	<i>A Novel Hybrid of Nonlinear Sine Cosine Algorithm and Safe Experimentation Dynamics for Model Order Reduction</i>	Automatika
Natanamurugaraj Govindan	Nithin B.R., Bhuyar P., Maniam G.P., Rahim M.H.A., Govindan N.	<i>Environment Friendly Approach for Plant Mediated Green Biosynthesis of Gold Nanoparticles and Their Modern Applications in Biomedical Aspects—An Updated Report</i>	<i>Bionanoscience</i>
Mohd Ashraf bin Ahmad	Tumari M.Z.M., Ahmad M.A., Suid M.H., Ghazali M.R., Saat S.	<i>Data-Driven Fractional-Order Pid Controller Tuning for Liquid Slosh Suppression Using Marine Predators Algorithm</i>	<i>Traitement Du Signal</i>
Abdul Rahimi bin Abdul Rahman	Tan C.Y.M., Rahman R.A.	<i>Well Building: Key Design Features for Office Environments</i>	<i>Journal of Architectural Engineering</i>
Asnul Hadi bin Ahmad	Megalingam A., Ahmad A.H., Alang N.A., Alias J., Razak N.A.A.	<i>Application of Response Surface Methodology for Parameter Optimization of Aluminum 7075 Thixoforming Feedstock Billet Production</i>	<i>Journal of Materials Engineering and Performance</i>



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Arman bin Abdullah	Albarqouni Y., Banius E., Bakar N.H.A., Abdullah A.	<i>Uncovering Intelligent Self-Healing Coating: Synthesis Strategies, Performance, and Evaluation Techniques – A Review</i>	<i>International Journal of Corrosion and Scale Inhibition</i>
Norhayati binti Abdullah	Azimi A.Z.C., Abdullah N., Adam F., Hassan Z., Rahman S.A., Noor M.Z.M.	<i>The Simulation of Intermolecular Interactions of Carboxylic and Amine Groups with Calcium Carbonate</i>	<i>Jurnal Teknologi Sciences & Engineering</i>
Mohd Azmir bin Arifin	Azahar N.I., Mokhtar N.M., Mahmood S., Aziz M.A.A., Arifin M.A.	<i>Evaluation of Piper Betle L. Extracts and Its Antivirulence Activity Towards P. Aeruginosa</i>	<i>Jurnal Teknologi Sciences & Engineering</i>
Mohd Hafizi bin Zohari	Hafizi Z.M., Ibrahim I.N., Vorathin E.	<i>Delamination Detection in Thin-Walled Composite Structures Using Acoustic Pitch-Catch Technique with Fiber Bragg Grating Sensors</i>	<i>Jurnal Teknologi Sciences & Engineering</i>
Rohaida binti Che Man	Baharudin N.N.H., Man R.C., Manas N.H.A., Ahmad R.A., Zakaria N.N.M.	<i>Cell Immobilization for Cyclodextrin Production: Mini Review</i>	<i>Jurnal Teknologi Sciences & Engineering</i>
Ku Muhammad Na'im bin Ku Khalif	Alam N.M.F.H.N.B., Khalif K.M.N.K., Jaini N.I.	<i>Application of Intuitionistic Z-Numbers in Supplier Selection</i>	<i>Intelligent Automation and Soft Computing</i>
Norazaliza binti Mohd Jamil	Husnin S.A.M., Mohd Jamil N., Basit K.S.A., Muhammad N.	<i>Campus Reopening During The Covid-19: Ode-Sird Model</i>	<i>Journal of Engineering Science and Technology</i>

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Siti Kholijah binti Abdul Mudalip	Hashim N.A., Mudalip S.K.A., Arshad Z.I.M., Man R.C.	<i>Evaluation of Feed Flow Rate on The Physicochemical Properties of Fish Oil Microcapsules</i>	<i>Journal of Engineering Science and Technology</i>
Roshahliza binti M Ramli	Osman M.A., Ramli R.M., Mokhtar N.M., Mohd Shamsuddin P.N.F., Jabbar W.A.	<i>Solar-Powered Parallel Irrigation with IoT Monitoring System</i>	<i>Journal of Engineering Science and Technology</i>
Nor Hanuni binti Ramli@Said	Ramli N.H., Hisham N.E.B., Baharulrazi N.	<i>The Effectiveness of Rice Husk Ash As Additive in Palm Oil-Based Compost in Enhancing The Nitrogen Uptake by Brassica Oleracea Var. Alboglabra L. (Chinese Kale) Plant</i>	<i>Pertanika Journal of Tropical Agricultural Science</i>
Farah Hanani binti Zulkifli	Bakhiet E., Mohamat Johari N.F.I., Jahir Hussain F.S., Zulkifli F.H.	<i>Biom mineralization of Carboxymethyl Cellulose-Sodium Alginate Infused with Cellulose Nanocrystals for Bone Regeneration</i>	<i>Journal of Bioactive and Compatible Polymers</i>
Mohd Fadhlan bin Mohd Yusof	Aleem S.A.A., Yusof M.F.M., Quazi M., Halil M.A., Ishak M.	<i>Mel-Frequency Cepstral and Spectral Flux Analysis of The Acoustic Signal for Real-Time Status Monitoring of Laser Cleaning</i>	<i>Materials Research Express</i>
Ngui Wai Keng	Keng N.W., Leong M.S., Shapiai M.I., Hee L.M.	<i>Blade Fault Localization with The Use of Vibration Signals Through Artificial Neural Network: A Data- Driven Approach</i>	<i>Pertanika Journal of Science and Technology</i>



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Sharifah Fathiyah binti Symohamad	Hasan N.S.A., Mohamad S., Mohamad S.F.S., Arzmi M.H., Supian N.N.I.	<i>Ex-Situ Development and Characterization of Composite Film Based on Bacterial Cellulose Derived from Oil Palm Frond Juice and Chitosan As Food Packaging</i>	<i>Pertanika Journal of Science and Technology</i>
Mohd Aizudin bin Abd Aziz	Hairunnaja M.A., Aziz M.A.A., Rahman N.W.A., Arifin M.A., Isa K.M., Ali U.F.M.	<i>Innovative Formulation and Characterisation of Grease Made from Waste Engine Oil</i>	<i>Pertanika Journal of Science and Technology</i>
Mohd Aizudin bin Abd Aziz	Hairunnaja M.A., Aziz M.A.A., Bashari N.A.F., Arifin M.A., Nedumaran N., Isa K.M., Ali U.F.M.	<i>The Grease Formulation Using Waste Substances from Palm Oil Refinery and Other Industrial Wastes: A Review</i>	<i>Pertanika Journal of Science and Technology</i>
Muzamir bin Hasan	Zaini M.S.I., Hasan M.	<i>Effect of Optimum Utilization of Silica Fume and Lime on The Stabilization of Problematic Soils</i>	<i>International Journal of Integrated Engineering</i>
Azizuddin bin Abd Aziz	Ashwindran S.N., Azizuddin A.A., Oumer A.N.	<i>A Low-Cost Digital Torquemeter Coordinated by Arduino Board</i>	<i>International Journal of Integrated Engineering</i>
Hadi bin Manap	Nurulain S., Zawawi M.A., Ramli R.M., Manap H.	<i>Intensity Stability Comparison Between Different Colors of Laser Pointer</i>	<i>International Journal of Integrated Engineering</i>
Mohd Fakhrurrazi bin Ishak	Zolkepli M.F., Ishak M.F., Daud S.	<i>The Application of Unmanned Aerial Vehicle (UAV) for Slope Mapping for Gambang Damai Residents, Pahang: A Case Study</i>	<i>International Journal of Integrated Engineering</i>

NAMA PENULIS UTAMA	NAMA PENULIS BERSAMA	TAJUK ARTIKEL	TAJUK JURNAL
Nur Farhayu binti Ariffin	Nasrudin N.N., Ariffin N.F., Alias A., Hasim A.M., Zaimi M.N.S.	<i>Experimental Validation of Reinforced Concrete Beam Incorporating Coal Fly Ash and Coal Bottom Ash Using Numerical Analysis</i>	<i>International Journal of Integrated Engineering</i>
Saffuan bin Wan Ahmad	Kee T.K., Cheok C.J., Amzar Kamarudin M.A., Ahmad S.W., Suryanti R.	<i>Seismic Effect of The Offshore Structure Under Different Earthquake Loadings</i>	<i>International Journal of Integrated Engineering</i>
Mohd Irwan bin Adiyanto	Roslan H.A., Zulkhibri N.S., Faisal A., Adiyanto M.I.	<i>Cost Estimation of Structural Work for Residential Building with Seismic Design Consideration</i>	<i>International Journal of Integrated Engineering</i>
Abdul Rahimi bin Abdul Rahman	Radzi A.R., Rahman R.A., Alias A.R., Almutairi S.	<i>Validating The Impact of Psychological, Physical and Social Factors on Workplace Well-Being for Construction Sites</i>	<i>International Journal of Integrated Engineering</i>
Ahmad Salihin bin Samsudin	Mazuki N.F., Samsudin A.S.B.	<i>Effect Emimcl on Electrochemical Properties Based Pmma-Pla Hybrid Gel Polymer Electrolyte</i>	<i>Molecular Crystals and Liquid Crystals</i>
Mohd Bijarimi bin Mat Piah	Piah M.B.M., Ahmad M.N., Abdullah E.N., Muzakkar M.Z.	<i>Modifications of Poly(Lactic Acid) with Blends and Plasticization for Tenacity and Toughness Improvement</i>	<i>Indonesian Journal of Chemistry</i>
Musfirah binti Abdul Hadi	Mohd Noor N.D., Hadi M.A.	<i>Study of Tool Wear Progression Using Nano-Hybrid Cryogenic MQL in Milling Titanium Alloy</i>	<i>Jurnal Tribologi</i>



NAMA PENULIS UTAMA	NAMA PENULIS BERSAMA	TAJUK ARTIKEL	TAJUK JURNAL
Mohd Ali Hanafiah bin Shahrudin	Shahrudin M.A.H., Yusoff A.R.M.	<i>Using Finite Element Simulation to Investigate The Effect of Cutting Edge Radius on Burr Formation for Inclined Dimple Milling Operation</i>	<i>Jurnal Tribologi</i>
Gusman Nawadir	Mohd Aripin N., Nawadir G., Mahmud F., Ashraf Fauzi M., Hussain S., Lee K.L.	<i>Systematic Literature Review: Theory Perspective in Lean Manufacturing Performance</i>	<i>Management Systems in Production Engineering</i>
Mohd Mawardi bin Saari	Saari M.M., Nadzri N.A., Zaini M.A.H.P., Sulaiman M.H., Kiwa T.	<i>A Circular Eddy Current Probe Using Miniature Fluxgates for Multi-Orientation Slit Evaluation in Steel Components</i>	<i>Russian Journal of Nondestructive Testing</i>
Ahmad Firdaus bin Zainal Abidin	Kamarudin N.K., Firdaus A., Zabidi A., Ernawan F., Hisham S.I., Ab Razak M.F.	<i>Android Malware Detection Using PMCC Heatmap and Fuzzy Unordered Rule Induction Algorithm (FURIA)</i>	<i>Journal of Intelligent and Fuzzy Systems</i>
Nurizzatul Atikha binti Rahmat	Fitriady M.A., Rahmat N.A., Mohammad A.F.	<i>Vertical and Spanwise Wake Flow Structures of A Single Spire Over Smooth Wall Surface in A Wind Tunnel</i>	<i>Journal of Applied Fluid Mechanics</i>
Mahadzir bin Ishak@ Muhammad	Zul M.H., Ishak M., Nasir R.M., Aiman M.H., Quazi M.M.	<i>Effect of Laser-Textured Surface of Ti6al4v on Frictional Wear Behavior</i>	<i>International Journal of Automotive and Mechanical Engineering</i>
Mahendran a/l Samykan	Yadav A., Samykan M., Pandey A.K., Tyagi V.V., Devarajan R., Sudhakar K., Noor M.M.	<i>A Systematic Review on Bio-Based Phase Change Materials</i>	<i>International Journal of Automotive and Mechanical Engineering</i>

NAMA PENULIS UTAMA	NAMA PENULIS BERSAMA	TAJUK ARTIKEL	TAJUK JURNAL
Mahendran a/l Samykano	Rajamony R.K., Samykano M., Pandey A.K., Babu S.R., Noor M.M., Ramasamy D., Paw J.K.S., Natarajan S.K.	<i>Investigation on Thermophysical Properties of Multi-Walled Carbon Nanotubes Enhanced Salt Hydrate Phase Change Material</i>	<i>International Journal of Automotive and Mechanical Engineering</i>
Mohd Hasnun Arif bin Hassan	Radzuan N.Q., Hassan M.H.A., Omar M.N., Othman N.A., Radzi M.A.M., Kassim K.A.A.	<i>The Effect of Motorcycle Helmet Type on Head Response in Oblique Impact</i>	<i>International Journal of Automotive and Mechanical Engineering</i>
Siti Rabiattull Aisha binti Idris	Idris S.R.A., Mazelan M.N.	<i>Effect of Microwave Hybrid Heating on Mechanical Properties and Microstructure of Sn3.0ag0.5cu/Cu Solder Joints</i>	<i>International Journal of Automotive and Mechanical Engineering</i>
Wan Muhammad Noor Sarbani bin Mat Daud	Daud S., Hamidi M.A., Mamat R., Nafiz D.M.	<i>A Prediction of Graphene Nanoplatelets Addition Effects on Diesel Engine Emissions</i>	<i>International Journal of Automotive and Mechanical Engineering</i>
Mohd Hafizi bin Zohari	Loman M., Hafizi Z.M., Lamin F.	<i>High-Cycle Fatigue Life Behaviour of Fabricated Glass Fibre-Reinforced Polymer</i>	<i>International Journal of Automotive and Mechanical Engineering</i>
Muhammad Ammar bin Nik Mu'tasim	Mutasim M.A.N., Rashid M.F.F.A.	<i>Hybrid Flow Shop Scheduling Problem with Energy Utilization Using Non-Dominated Sorting Genetic Algorithm-III (NSGA-III) Optimization</i>	<i>International Journal of Automotive and Mechanical Engineering</i>
Mohamad Heerwan bin Peeie	Heerwan P.M., Shahrom M.A., Ishak M.I., Kato H., Narita T.	<i>Investigation of The Performance of Plugging Braking System As A Hill Descent Control (HDC) for Electric-Powered Wheelchair</i>	<i>International Journal of Automotive and Mechanical Engineering</i>



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Muhammad Hatifi bin Mansor	Mansor M.H., Sani M.S.M., Hassan M.F.	<i>Eigenfrequency Shift of Piezoelectric Backplate in Vibro-Acoustic Energy Harvesting</i>	<i>International Journal of Automotive and Mechanical Engineering</i>
Muhammad Hilmi bin Jalil	Azmi M.S., Izham M.M., Jalil M.H., Mazlan M.H.	<i>Ct-Fea of Inhomogeneous Lumbar with Different Loadings of The Spinal Cage</i>	<i>International Journal of Automotive and Mechanical Engineering</i>
Mohd Zairulnizam bin Mohd Zawawi	Shian H.L.M., Ishak I., bin Mohd Zawawi M.Z.	<i>Rapid Fabrication of Glass Micro and Nanostructures Via Laser-Assisted Hot Embossing</i>	<i>Journal of Laser Micro Nanoengineering</i>
Fazeeda Bt. Mohamad	Yusoff F.A.M., Mohamad F., Tamyez P.F.M., Panatik S.A.	<i>Do I Need to Use It? Factors Influencing The Intention to Adopt Automated Parcel Lockers As Last-Mile Delivery Services</i>	<i>Acta Logistica</i>
Mohd Fadhlzil Fasihi bin Mohd Aluwi	Miah R., Voon K.W.K., Huq A.K.M.M., Rullah K., Tajuddin S.N., Hamid H.A., Aluwi M.F.F.M.	<i>Pharmacophore-Based Molecular Docking of Usnic Acid Derivatives to Discover Anti-Viral Drugs Against Influenza A Virus</i>	<i>Journal of Research in Pharmacy</i>
Nadiya binti Haji Abd. Halim	Al-Japairai K.A., Mahmood S., Abdul-Halim N., Almurisi S.H.	<i>A New and Rapid UV-Visible Spectrophotometric Method for Benidipine Hydrochloride Determination: Development and Validation</i>	<i>Pharmaceutical Chemistry Journal</i>

NAMA PENULIS UTAMA	NAMA PENULIS BERSAMA	TAJUK ARTIKEL	TAJUK JURNAL
Aizi Nor Mazila binti Ramli	Ramli A.N.M., Yusof S., Bhuyar P., Aminan A.W., Tajuddin S.N.	<i>An Its Gene-Mediated Molecular Detection of Fungi Associated with Natural and Artificial Agarwood from Aquilaria Malaccensis</i>	<i>Journal of Microbiology, Biotechnology and Food Sciences</i>
Mohd Zamri bin Ibrahim	Saealal M.S., Ibrahim M.Z., Yakno M., Arshad N.W.	<i>Three-Dimensional Convolutional Approaches for The Verification of Deepfake Videos: The Effect of Image Depth Size on Authentication Performance</i>	<i>Journal of Advances in Information Technology</i>
Muzamir bin Hasan	Zaini M.S.I., Hasan M.	<i>Effects of Industrial and Agricultural Recycled Waste Enhanced with Lime Utilisation in Stabilising Kaolinitic Soil</i>	<i>International Journal of Sustainable Construction Engineering and Technology</i>
Zahian Ismail	Islam M.S., Ameddeen M.A.B., Ajra H., Ismail Z.B.	<i>Blockchain-Enabled Secure Privacy-Preserving System for Public Health-Center Data</i>	<i>International Journal of Advanced Computer Science and Applications</i>
Suryanti binti Awang	Miah M.B.A., Awang S., Rahman M.M., Hosen A.S.M.S.	<i>Keyphrase Distance Analysis Technique from News Articles As A Feature for Keyphrase Extraction: An Unsupervised Approach</i>	<i>International Journal of Advanced Computer Science and Applications</i>
Mohd Akramin bin Mohd Romlay	Husnain M.M.N., Akramin M.R.M., Shaari M.S., Takahashi A., Bashiri A.H., Alshoaibi A.M.	<i>Comparison of Monte Carlo and Bootstrap Analyses for Residual Life and Confidence Interval</i>	<i>Materials Science- Poland</i>



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Mohd Ikhwan bin Muhammad Ridzuan	Mohd Fauzi N.F., Roslan N.N.R., Muhammad Ridzuan M.I.	<i>Reliability Performance of Distribution Network by Various Probability Distribution Functions</i>	<i>International Journal of Electrical and Computer Engineering</i>
Mohammad Fadhil bin Abas	Ann N.Q., Pebrianti D., Abas M.F., Bayuaji L.	<i>Automated-Tuned Hyper-Parameter Deep Neural Network by Using Arithmetic Optimization Algorithm for Lorenz Chaotic System</i>	<i>International Journal of Electrical and Computer Engineering</i>
Hajar Fauzan bin Ahmad	Musa S.M., Siew S.W., Tay D.D., Ahmad H.F.	<i>Near-Complete Whole-Genome Sequence of Paenibacillus Sp. Nov. Strain J5c2022, A Sucrotolerant and Endospore-Forming Bacterium Isolated from Highly Concentrated Sugar Brine</i>	<i>Microbiology Resource Announcements</i>
Mohd Mawardi bin Saari	Aziz Z., Saari M.M., Zaini M.A.H.P., Nadzri N.A., Chin S.Y.	<i>Improved Wireless Led-Based Light Emitters for Photocatalytic Oxidation in A Slurry Annular Reactor [Udoskonalone Bezprzewodowe Emitery Światła Oparte Na Diodach Led Do Fotokatalicznego Utleniania W Zawiesinowym Pierścieniowym Reaktorze]</i>	<i>Przegląd Elektrotechniczny</i>
Addie Irawan bin Hashim	Irawan A., Azahar M.I.P., Ramli M.S.	<i>Pressure Regulation on A Single Finger of Tri-Finger Pneumatic Grasper Robot Using Finite Time and Convergence Prescribed Performance Control</i>	<i>Przegląd Elektrotechniczny</i>

NAMA PENULIS UTAMA	NAMA PENULIS BERSAMA	TAJUK ARTIKEL	TAJUK JURNAL
Nur Syafiqah Fauzan	Nur Syafiqah Fauzan ^{1*} , Nur, Alia Farahanin Mohd Tajuddin, Neroshini Thanarajee ¹ , Dayana Hazwani Mohd Suadi Nata ² , Ezrin Hani Sukadarin ³ , Mirta Widia ¹	<i>Risk Factors Associated with Occupational Stress Among Malaysian Construction Professionals</i>	<i>Makara Journal of Health Research</i>
Rodziah binti Nazlan	Busra N.A.N., Nadzmi H., Nazlan R.	<i>Tailoring The Structural and Optical Properties of Oxychloride Magnesium Tellurite Glass with The Addition of Samarium Ions</i>	<i>International Journal of Nanoelectronics and Materials</i>
Ahmad Mahfuz bin Gazali	Siew S.W., Kosnin I.N., Zulkifli N.F., Ahmad H.F., Zamri N., Yusof M.F., Gazali A.M.	<i>Characterization of Bacterial Communities in Prebiotics and Probiotics Treated Shrimp Farms from Kuantan</i>	<i>Malaysian Journal of Microbiology</i>
Mohd Amir Shahlan bin Mohd Aspar	Mohd-Aspar M.A.S., Edros R., Mokhtar S.U., Kamarudin N.	<i>The Roles of Acidity, Peroxide and Non-Peroxide Compounds in Antibacterial Properties of Malaysian Kelulut, Tualang and Acacia Honey</i>	<i>Malaysian Journal of Microbiology</i>

**Anugerah Perak 23:
Kategori Penerbitan Jurnal**

NAMA PENULIS UTAMA	NAMA PENULIS BERSAMA	TAJUK ARTIKEL	TAJUK JURNAL
Wan Norfazilah binti Wan Ismail	Bakar N.H.A., Yusop H.M., Ismail W.N.W., Zulkifli N.F.	<i>Sol-Gel Finishing for Protective Fabrics</i>	<i>Biointerface Research in Applied Chemistry</i>
Mohd Herwan bin Sulaiman	Sulaiman M.H., Mustafa Z., Mohd Rashid M.I.	<i>An Application of Teaching– Learning-Based Optimization for Solving The Optimal Power Flow Problem with Stochastic Wind and Solar Power Generators</i>	<i>Results in Control and Optimization</i>
Abdul Rahman bin Mohd Kasim	Kanafiah S.F.H.M., Kasim A.R.M., Zokri S.M., Arifin N.S., Nordin N.S., Mokhtar M.	<i>Free Convection Boundary Layer Flow of Brinkman-Viscoelastic Fluid Over A Horizontal Circular Cylinder with Constant Wall Temperature</i>	<i>CFD Letters</i>
Mohd Ruzaimi bin Mat Rejab	Ma Q., Rejab M.R.M., Azeem M., Idris M.S., Rani M.F., Kumar A.P.	<i>Axial and Radial Crushing Behaviour of Thin-Walled Carbon Fiber-Reinforced Polymer Tubes Fabricated by The Real-Time Winding Angle Measurement System</i>	<i>Forces in Mechanics</i>
Amir bin Abdul Razak	Azmi M.A.A., Razak A.A., Tarminzi M.A.S.M., Sharol A.F., Yudin A.S.M., Majid Z.A.A.	<i>Hydrodynamics Investigations of Kaffir Lime Leaves Drying in A Swirling Solar Drying Chamber with Inclined Slotted Angle Air Distributor</i>	<i>CFD Letters</i>
Zuriani binti Mustafa	Mustafa Z., Sulaiman M.H.	<i>Stock Price Predictive Analysis: An Application of Hybrid Barnacles Mating Optimizer with Artificial Neural Network</i>	<i>International Journal of Cognitive Computing in Engineering</i>
Muhammad Khairul Anuar bin Mohamed	Rosli W.M.H.W., Mohamed M.K.A., Sarif N.M., Mohammad N.F., Soid S.K.	<i>Boundary Layer Flow of Williamson Hybrid Ferrofluid Over A Permeable Stretching Sheet with Thermal Radiation Effects</i>	<i>CFD Letters</i>



NAMA PENULIS UTAMA	NAMA PENULIS BERSAMA	TAJUK ARTIKEL	TAJUK JURNAL
Ruhil Amal binti Azmuddin	Azmuddin R.A., Zamin A.A.M., Zahari H., Mokhtar R., Radzi F.A.M., Idris D.N.D.	<i>Analysing Tertiary Students' Reading Proficiency of CEFR Aligned Texts Via Online Discussion Forum in A Learning Management System</i>	<i>Asian Journal of University Education</i>
Siti Hajar Noor binti Shaarani	Shamsudin W.N.A.W., Yahya C.K.M.F.C.K., Shaarani S.H.N.	<i>Antifungal Activity of Biosynthesized Silver Nanoparticles Mediated by Neem Leaf Extract Against Aspergillus Sp.</i>	<i>Biointerface Research in Applied Chemistry</i>
Mohd Rusllim bin Mohamed	Deraman A.S., Mohamed M.R., Ibrahim W.I., Leung P.K.	<i>Flexible Horizontal Piezoelectric Energy Generator for Sea Wave Applications</i>	<i>E-Prime - Advances in Electrical Engineering, Electronics and Energy</i>
Mohd Herwan bin Sulaiman	Sulaiman M.H., Mustaffa Z., Saari M.M., Jadin M.S.	<i>A Simulation-Metaheuristic Approach for Finding The Optimal Allocation of The Battery Energy Storage System Problem in Distribution Networks</i>	<i>Decision Analytics Journal</i>
Addie Irawan bin Hashim	Azahar M.I.P., Irawan A., Raja Ismail R.M.T.	<i>Adjustable Convergence Rate Prescribed Performance with Fractional-Order Pid Controller for Servo Pneumatic Actuated Robot Positioning</i>	<i>Cognitive Robotics</i>
Mohd Herwan bin Sulaiman	Sulaiman M.H., Mustaffa Z.	<i>An Application of Improved Salp Swarm Algorithm for Optimal Power Flow Solution Considering Stochastic Solar Power Generation</i>	<i>E-Prime - Advances in Electrical Engineering, Electronics and Energy</i>

NAMA PENULIS UTAMA	NAMA PENULIS BERSAMA	TAJUK ARTIKEL	TAJUK JURNAL
Siti Kholijah binti Abdul Mudalip	Hashim N.A., Mohd Norzi M.F.A., Mohd Arshad Z.I., Mohd Azman N.A., Abdul Mudalip S.K.	<i>Effect of Spray Drying Parameters on The Physicochemical Properties and Oxidative Stability of Oil from Menhaden (Brevoortia Spp.) and Asian Swamp Eel (Monopterus Albus) Oil Extract Microcapsules</i>	<i>Food Chemistry Advances</i>
Nurhafizah binti Abu Talip@ Yusof	Khair N.S., Talip Yusof N.A., Wahab Y.A., Bari B.S., Ayob N.I., Zolkapli M.	<i>Substrate-Integrated Waveguide (Siw) Microwave Sensor Theory and Model in Characterising Dielectric Material: A Review</i>	<i>Sensors International</i>
Saidatul Shima binti Jamari	Pauzi N., Mohamad S., Ghazali S., Jamari S.S.	<i>Evaluation of Glucose Reduction for Silver Nanoparticles Synthesis with Nanocrystalline Cellulose Matrix</i>	<i>Bionanoscience</i>
Ramadhansyah Putra Jaya	Chong B.W., Othman R., Jaya R.P., Li X., Hasan M.R.M., Abdullah M.M.A.B.	<i>Meta-Analysis of Studies on Eggshell Concrete Using Mixed Regression and Response Surface Methodology</i>	<i>Journal of King Saud University - Engineering Sciences</i>
Abdul Rahimi bin Abdul Rahman	Bunjaridh Y., Rahman R.A., Yusof L.M.	<i>Digital Twin Production in The Architecture, Engineering, Construction and Operation Industry: Organizational Attributes and Strategies</i>	<i>Journal of Engineering, Project, and Production Management</i>
Abdul Rahimi bin Abdul Rahman	Saufi M., Yusof L.M., Rahman R.A.	<i>Complaints and Rectifications During Defect Liability Period: Homebuyer Perspective</i>	<i>Journal of Engineering, Project, and Production Management</i>



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Abdul Rahimi bin Abdul Rahman	Zamani S.H., Rahman R.A., Yusof L.M.	<i>Well Building: Criteria for Residential Buildings in A Developing Country</i>	<i>Journal of Engineering, Project, and Production Management</i>
Mohamad Heerwan bin Peeie	Majuma R., Peeie M.H.B., Ondong K., Abu Hassan O.	<i>Investigation of Brake Pad Wear Effect Due to Temperature Generation Influenced by Brake Stepping Count on Different Road Terrains</i>	<i>Automotive Experiences</i>
Mohamad Ashry bin Jusoh	Zaini N.A.A.B., Azman I.Z.B., Kiong L.J., Rajan J., Mazwir M.H., Jusoh M.A.	<i>Structural and Electromagnetic Shielding Effectiveness of Carbon-Coated Cobalt Ferrite Nanoparticles Prepared Via Hydrothermal Method</i>	<i>Progress in Electromagnetics Research C</i>
Mohd Herwan bin Sulaiman	Sulaiman M.H., Mohamed A.I., Mustafa Z.	<i>An Application of Deep Learning for Lightning Prediction in East Coast Malaysia</i>	<i>E-Prime - Advances in Electrical Engineering, Electronics and Energy</i>
Rahimah binti Embong	Al Biajawi M.I., Embong R., Shubbar A.	<i>Engineering Properties of Self-Compacting Concrete Incorporating Coal Bottom Ash (Cba) As Sustainable Materials for Green Concrete: A Review</i>	<i>Journal of Building Pathology and Rehabilitation</i>
Anita binti Abdul Rani	Saad M., Shah N.A., Supian K., Rani A.A., Abidin I.	<i>Emotional and Spiritual Quotient for Sustainable Education's Service Quality</i>	<i>International Journal of Evaluation and Research in Education</i>

NAMA PENULIS UTAMA	NAMA PENULIS BERSAMA	TAJUK ARTIKEL	TAJUK JURNAL
Khairunisa binti Muthusamy	Tanash A.O., Muthusamy K., Budiea A.M.A., Fauzi M.A., Jokhio G., Jose R.	<i>A Review on The Utilization of Ceramic Tile Waste As Cement and Aggregates Replacement in Cement Based Composite and A Bibliometric Assessment</i>	<i>Cleaner Engineering and Technology</i>
Nurul Hazlina binti Noordin	Noordin N.H., Eu P.S., Ibrahim Z.	<i>FPGA Implementation of Metaheuristic Optimization Algorithm</i>	<i>E-Prime - Advances in Electrical Engineering, Electronics and Energy</i>
Norazwina binti Zainol	Zainol N., Aziz N.H., Baharudin A.S.	<i>Influence of Agitation and Solvent Percentage on The Extraction of Phytochemical Compound from Asystasia Gangetica</i>	<i>Food Chemistry Advances</i>
Wan Azmi bin Wan Hamzah	Safriil, Azmi W.H., Zawawi N.N.M., Ramadhan A.I.	<i>Tribology Performance of Tio2-Sio2/Pve Nanolubricant for Various Binary Ratios for The Automotive Air-Conditioning System</i>	<i>Automotive Experiences</i>
Mohd Riduwan bin Ghazali	Suresh K., Ghazali M.R., Ahmad M.A.B.	<i>Safe Experimentation Dynamics Algorithm for Identification of Cupping Suction Based on The Nonlinear Hammerstein Model</i>	<i>Journal of Robotics and Control (JRC)</i>
Mohamed Ariff bin Ameerdeen	Kamarudin I.E., Ameerdeen M.A., Razak M.F.A., Zabidi A.	<i>Integrating Edge Computing and Software Defined Networking in Internet of Things: A Systematic Review</i>	<i>Iraqi Journal for Computer Science and Mathematics</i>
Norizam bin Sulaiman	Hasan M.M., Hossain M.M., Sulaiman N.	<i>Fatigue State Detection Through Multiple Machine Learning Classifiers Using EEG Signal</i>	<i>Applications of Modelling and Simulation</i>

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Introduction to Chemical Engineering

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