

NO	ARTICLE TITLE	JOURNAL NAME	SOURCE	AUTHOR (Main, Corresponding, First in sequence)
1	A Review on Antimicrobial Packaging from Biodegradable Polymer Composites	Polymers	Scopus	SITI HASNAH BINTI KAMARUDIN
2	A review on biochar production from different biomass wastes by recent carbonization technologies and its sustainable applications	Journal of Environmental Chemical Engineering	Scopus	MOHD LOKMAN BIN IBRAHIM
3	Alkali-Free Hydrothermally Reconstructed NiAl Layered Double Hydroxides for Catalytic Transesterification	Catalysts	Scopus	NAZRIZAWATI BINTI AHMAD TAJUDDIN
4	Anti-inflammatory Effects of Astaxanthin Extracted from Microalgae <i>Hematococcus pluvialis</i> and Combinations with Palm Tocotrienol Rich-Fraction in RAW 264.7 Macrophages	Pharmacognosy Journal	Scopus	KHAIRUL ADZFA BIN RADZUN
5	Anti-yeast activity of endophytic fungi isolated from medicinal herb <i>Ocimum sanctum</i> with emphasis on <i>Candida albicans</i>	RESEARCH JOURNAL OF BIOTECHNOLOGY	WoS	MOHD TAUFIQ BIN MAT JALIL
6	Application of an in-house developed complementary metal-oxide-semiconductor-based optical computed tomography (CMOS-OCT) imaging system for stereotactic radiosurgery dosimetry using a PRESAGE® dosimeter	Radiation Physics and Chemistry	Scopus	AHMAD TAUFEEK BIN ABDUL RAHMAN
7	Challenges in the implementation of lean manufacturing in the wood and furniture industry	Journal of Manufacturing Technology Management	Scopus	FALAH BIN ABU
8	Chemical Constituents and Antiproliferative Activity of <i>Eleusine indica</i> (L.) Gaertn	Sains Malaysiana	Scopus	FATIMAH BINTI SALIM
9	Classification of edible bird's nest samples using a logistic regression model through the mineral ratio approach	Food Control	Scopus	SEOW ENG KENG
10	Comparative study of nickel selenide, iron selenide and platinum on triiodide reduction for dye-sensitized solar cells	Optical Materials: X	Scopus	TAN WINIE
11	Computational insight into the quantum chemistry, interaction and adsorption energy of aminopolycarboxylic acid chelating agents towards metal cations	Computational and Theoretical Chemistry	Scopus/WoS	MUHAMAD KAMIL BIN YAAKOB
12	Correlation between Mount Wilson Classifications to Solar Flares using Solar Dynamics Observatory (SDO) and Hinode Satellites	Journal of Mechanical Engineering	Scopus	ZETY SHARIZAT BINTI HAMIDI

13	Cross-Linked Chitosan-Glyoxal/Kaolin Clay Composite: Parametric Optimization for Color Removal and COD Reduction of Remazol Brilliant Blue R Dye	Journal of Polymers and the Environment	Scopus	ALI H. JAWAD AL-TAIE
14	Detecting adulteration of stingless bee honey using untargeted ¹ H NMR metabolomics with chemometrics	Food Chemistry	Scopus/WoS	SEOW ENG KENG
15	Detection of adulteration activities in edible bird's nest using untargeted ¹ H-NMR metabolomics with chemometrics	Food Control	Scopus/WoS	SEOW ENG KENG
16	Development of Novel Transparent Radiation Shielding Glasses by BaO Doping in Waste Soda Lime Silica (SLS) Glass	Sustainability (Switzerland)	Scopus	ROSDIYANA BINTI HASHAM @ HISAM
17	Discrimination of 11 Malaysian Durian Cultivars Based on Sulfur-Containing Volatiles and Esters Using Multivariate Data Analysis	NATURAL PRODUCT COMMUNICATIONS	WoS	CHE PUTEH BINTI OSMAN
18	Effect of Extraction Solvents on Phenolic Compounds of Theobroma Cacao L. By-products Using Ultrasound-Assisted Extraction	International Journal on Advanced Science, Engineering and Information Technology	Scopus	RASEETHA VANI A/P SIVA MANIKAM
19	Effect of Fe substituted on the monovalent La _{0.85} Ag _{0.15} Mn _{1-x} FexO ₃ doped manganites: Their electromagnetic and microwave properties	Materials Science and Engineering B: Solid-State Materials for Advanced Technology	Scopus/WoS	NORAZILA BINTI IBRAHIM
20	Effect of Substrate Temperature on Morphological, Structural, and Optical Properties of Doped Layer on SiO ₂ -on-Silicon and Si ₃ N ₄ -on-Silicon Substrate	Nanomaterials	Scopus	SURAYA BINTI AHMAD KAMIL
21	Effects of mixed TeO ₂ -B ₂ O ₃ glass formers on optical and radiation shielding properties of 70[xTeO ₂ +(1- x)B ₂ O ₃] +15Na ₂ O + 15K ₂ O glass system	Physica Scripta	Scopus/WoS	ROSDIYANA BINTI HASHAM @ HISAM
22	Electrical Conductivity and Surface Morphology of PVB Films Doped with Different Nanoparticles	Progress in Color, Colorants and Coatings	Scopus	ALI H. JAWAD AL-TAIE
23	Facile method to synthesize of magnesium-graphene nano sheets for candidate of primary battery electrode	Colloids and Interface Science Communications	Scopus	AB MALIK MARWAN BIN ALI
24	First Principles Investigation of NASICON-Structured LiTi ₂ (PO ₄) ₃ and Mg _{0.5} Ti ₂ (PO ₄) ₃ Solid Electrolytes	International Journal of Electrochemical Science	Scopus	NUR AMALINA BINTI MUSTAFFA
25	First-principles calculations of electronic and optical properties of orthorhombic Bi ₂ Se ₃ nano thin film	Computational Condensed Matter	Scopus/WoS	MOHAMAD FARIZ BIN MOHAMAD TAIB
26	Functional novel ligand based palladium(II) separation and recovery from e-waste using solvent-ligand approach	Colloids and Surfaces A: Physicochemical and Engineering Aspects	Scopus/WoS	MOHD LOKMAN BIN IBRAHIM

27	Gamma ray effects on the properties of PbI ₂ thin films	Radiation Physics and Chemistry	Scopus	AHMAD TAUFEEK BIN ABDUL RAHMAN
28	Improvement of Moisture Management Properties of Face Masks Using Electrospun Nanofiber Filter Insert	Adsorption Science and Technology	Scopus	NOR DALILA BINTI NOR AFFANDI
29	Influence of low-level gelling agents on the dissolution and in-vitro nutrient release study of coconut water-based hydrogel	Journal of Food Science and Technology	Scopus	SEOW ENG KENG
30	Influence of Nd concentrations on the structural, electronic and optical properties of anatase TiO ₂ : A first-principles approach	Computational Condensed Matter	Scopus	AB MALIK MARWAN BIN ALI
31	Integrative artificial intelligence models for Australian coastal sediment lead prediction: An investigation of in-situ measurements and meteorological parameters effects	Journal of Environmental Management	Scopus	ALI H. JAWAD AL-TAIE
32	Investigations of the physical behavior of novel polymorphs of indium phosphide from a first-principles perspective	European Physical Journal Plus	Scopus	MOHAMAD FARIZ BIN MOHAMAD TAIB
33	Long-run performance of dye-sensitized solar cell using natural dye extracted from <i>Costus woodsonii</i> leaves	Optical Materials	Scopus	TAN WINIE
34	Magnetic crosslinked chitosan-tripolyphosphate/MgO/Fe ₃ O ₄ nanocomposite for reactive blue 19 dye removal: Optimization using desirability function approach	Surfaces and Interfaces	Scopus	ALI H. JAWAD AL-TAIE
35	Mechanical Properties of Green and Petroleum based Polyurethane as Grouting Materials	Journal of Mechanical Engineering	Scopus	NOOR NAJMI BINTI BONNIA
36	Molecular and Epigenetic Basis of Extracellular Vesicles Cell Repair Phenotypes in Targeted Organ-specific Regeneration	CURRENT MOLECULAR MEDICINE	WoS	MOHD SHAFIQ BIN AAZMI
37	Molybdenum Disulfide Nanosheets Decorated with Platinum Nanoparticle as a High Active Electrocatalyst in Hydrogen Evolution Reaction	NANOSCALE RESEARCH LETTERS	WoS	HADARIAH BINTI BAHRON
38	Oil Palm's Empty Fruit Bunch as a Sorbent Material in Filter System for Oil-Spill Clean Up	Plants	Scopus	KHALILAH BINTI ABDUL KHALIL
39	Palladium(II) complexes bearing N,O-bidentate Schiff base ligands: Experimental, in-silico, antibacterial, and catalytic properties	Journal of Molecular Structure	Scopus	AMALINA BINTI MOHD TAJUDDIN
40	Potential heterogeneous nano-catalyst via integrating hydrothermal carbonization for biodiesel production using waste cooking oil	Chemosphere	Scopus/WoS	MOHD LOKMAN BIN IBRAHIM

41	Preparation, Characterization and Application of Sulphuric Acid-Treated Soursop (<i>Annona muricata</i> L.) Seeds Powder in the Adsorption of Cu(II) Ions	Nature Environment and Pollution Technology	Scopus	SHARIFF BIN CHE IBRAHIM
42	Sc-CO ₂ extraction of fish and fish by-products in the production of fish oil and enzyme	Bioresources and Bioprocessing	Scopus/WoS	ADI BIN MD SIKIN
43	Structural and optical properties of mixed alkaline earth fluoroborate $x\text{BaF}_2-(50-x)\text{CaF}_2-50\text{B}_2\text{O}_3$ glass system	Applied Physics A: Materials Science and Processing	Scopus/WoS	ROSDIYANA BINTI HASHAM @ HISAM
44	Structural characterization, theoretical and antibacterial study of a V-shaped, cyclohexane bridged ONNO Schiff base	Journal of Molecular Structure	Scopus/WoS	SHHRUL NIZAM BIN AHMAD
45	Synthesis of new 1,2-disubstituted benzimidazole analogs as potent inhibitors of β -Glucuronidase and in silico study	Arabian Journal of Chemistry	Scopus/WoS	SYHRUL IMRAN BIN ABU BAKAR
46	Temporal and Spatial Evaluations of Extreme Rainfall Relationship with Daily Surface Air Temperature in Peninsular Malaysia	International Journal on Advanced Science, Engineering and Information Technology	Scopus	ARNIS BINTI ASMAT
47	The Effect of WO ₃ -Doped Soda Lime Silica SLS Waste Glass to Develop Lead-Free Glass as a Shielding Material against Radiation	Sustainability (Switzerland)	Scopus	ROSDIYANA BINTI HASHAM @ HISAM
48	Treatment with the combined antimicrobials triggers proteomic changes in <i>P. aeruginosa</i> - <i>C. albicans</i> polyspecies biofilms	ScienceAsia	Scopus	MOHD FAKHARUL ZAMAN BIN RAJA YAHYA
49	Ultrasonic and mechanical properties of binary zinc-borate glasses using artificial neural networks simulation	Chinese Journal of Physics	Scopus	ROSDIYANA BINTI HASHAM @ HISAM
50	Ultrastructural effects of ethyl acetate extract of <i>Lasiodiplodia pseudotheobromae</i> IBRL OS-64 on foodborne bacterium	Research Journal of Chemistry and Environment	Scopus	MOHD TAUFUQ BIN MAT JALIL
51	Utilisation of Oil Palm's Empty Fruit Bunch Spikelets for Oil-Spill Removal	Agronomy	Scopus/WoS	KHALILAH BINTI ABDUL KHALIL
52	Validation of quick and highly specific quantitation method of mycotoxin in cocoa beans by high resolution multiple reaction monitoring technique for reference materials analysis	Journal of Food Composition and Analysis	Scopus	MUHD FAUZI BIN SAFIAN