

NO	ARTICLE TITLE	JOURNAL NAME	SOURCE	AUTHOR
1	A Facile Synthesis of Pyrrolidine-based Iminosugars as Potential Alpha-Glucosidase Inhibitors	ORIENTAL JOURNAL OF CHEMISTRY	WoS	AHMAD SAZALI BIN HAMZAH
2	A multi-component reaction approach to the synthesis of potent antidiabetic agents five-membered iminosugars analogues	ORGANIC COMMUNICATIONS	WoS	AHMAD SAZALI BIN HAMZAH
3	A review on influence of reactor technologies and kinetic studies for biodiesel application	Journal of Industrial and Engineering Chemistry	Scopus/WoS	MOHD LOKMAN BIN IBRAHIM
4	A study on actuation performance of Nickel-Titanium shape memory alloy woven fabrics (Ni-Ti SMA WFs) with different woven structures	ASM Science Journal	Scopus	MOHD. ROZI BIN AHMAD
5	Acetylcholinesterase inhibitory activity of the methanol extract and phytochemical study of the leaves of macaranga gigantea (Rchb.f. & zoll.)	Malaysian Journal of Analytical Sciences	Scopus	NORIZAN BINTI AHMAT @ ABDUL HAMID
6	Acid-fractionalized biomass material for methylene blue dye removal: a comprehensive adsorption and mechanism study	JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE	WoS	ALI H. JAWAD AL-TAIE
7	Acute application of Centella asiatica extract enhanced AMPAR-mediated postsynaptic currents in rat entorhinal cortex	Journal of integrative neuroscience	Scopus/WoS	NOR HADIANI BTE ISMAIL
8	Adhesion conditions of bifidobacterium pseudocatenulatum kakii to human enterocyte-like Caco-2 cell lines	Walailak Journal of Science and Technology	Scopus	MAZATULIKHMA BT MAT ZAIN
9	Adsorption Characteristics and Mechanistic Study of Immobilized Chitosan-Montmorillonite Composite for Methyl Orange removal	Journal of Polymers and the Environment	Scopus/WoS	ALI H. JAWAD AL-TAIE
10	Adsorption-desorption profile of methylene blue dye on raw and acid activated kaolinite	INDONESIAN JOURNAL OF CHEMISTRY	Scopus/WoS	WAN NAZIHAH BINTI WAN IBRAHIM
11	Agarose-chitosan-intergrated multiwalled carbon nanotubes film solid phase microextraction combined with high performance liquid chromatography for the determination of tricyclic antidepressant drugs in aqueous samples	Malaysian Journal of Analytical Sciences	Scopus	WAN NAZIHAH BINTI WAN IBRAHIM
12	Alginate incorporated multi-walled carbon nanotubes as dispersive micro solid phase extraction sorbent for selective and efficient separation of acidic drugs in water samples	Nature Environment and Pollution Technology	Scopus	NOR SUHAILA BINTI MOHAMAD HANAPI

13	Analysis on different shape of textile antenna under bending condition for gps application	Bulletin of Electrical Engineering and Informatics	Scopus	MOHAMAD FAIZUL BIN YAHYA
14	Analysis on Wearable Antenna Performance on Different Radiating Elements for GPS Application	INTERNATIONAL JOURNAL OF INTEGRATED ENGINEERING	WoS	MOHD. ROZI BIN AHMAD
15	Aryl-oxadiazole Schiff bases: Synthesis, α -glucosidase in vitro inhibitory activity and their in silico studies	Arabian Journal of Chemistry	Scopus/WoS	SYAHRUL IMRAN BIN ABU BAKAR
16	Bactericidal Capacity of a Heterogeneous TiO ₂ /ZnO Nanocomposite against Multidrug-Resistant and Non-Multidrug-Resistant Bacterial Strains Associated with Nosocomial Infections	ACS Omega	Scopus/WoS	FARIZAN BINTI ARIS
17	Band alignments of sputtered dielectrics on GaN	Journal of Physics D: Applied Physics	Scopus/WoS	SITI NURBAYA BINTI SUPARDAN
18	Biosorption of mercury ion (Hg ²⁺) using live and dead cells of rhizopus oryzae and aspergillus niger : characterization, kinetic and isotherm studies	Journal of Pure and Applied Microbiology	Scopus	TAY CHIA CHAY
19	Biosorption of methylene blue dye by rice (Oryza sativa L.) straw: adsorption and mechanism study	Desalination and Water Treatment	WoS	ALI H. JAWAD AL-TAIE
20	Biosurfactant Production and Growth Kinetics Studies of the Waste Canola Oil-Degrading Bacterium Rhodococcus erythropolis AQ5-07 from Antarctica	Molecules (Basel, Switzerland)	Scopus	KHALILAH BINTI ABDUL KHALIL
21	Chelation activity and protective effect of Caulerpa lentillifera aqueous extract against lead acetate-induced toxicity in Sprague Dawley rats	Journal of Applied Pharmaceutical Science	Scopus	ASMIDA BINTI ISMAIL
22	Combined Adsorption/Photocatalytic dye removal by copper-titania-fly ash composite	Surfaces and Interfaces	Scopus/WoS	LIM YING CHIN
23	Combining in silico and in vitro studies to evaluate the acetylcholinesterase inhibitory profile of different accessions and the biomarker triterpenes of Centella asiatica	Molecules	Scopus/WoS	SYAHRUL IMRAN BIN ABU BAKAR
24	Comparative study on photocatalytic activity of transition metals (Ag and Ni)doped ZnO nanomaterials synthesized via sol-gel method	Royal Society Open Science	Scopus/WoS	MUHD FIRDAUS BIN KASIM
25	Controllable synthesis of Sn:ZnO/SnO ₂ nanorods: pH-dependent growth for an ethanol gas sensor	Journal of Materials Science: Materials in Electronics	Scopus/WoS	MOHD FIRDAUS BIN MALEK

26	Coupling heterostructure of thickness-controlled nickel oxide nanosheets layer and titanium dioxide nanorod arrays via immersion route for self-powered solid-state ultraviolet photosensor applications	Measurement: Journal of the International Measurement Confederation	Scopus/WoS	MOHD FIRDAUS BIN MALEK
27	Crystal structure and magnetic properties of strontium double perovskites	Digest Journal of Nanomaterials and Biostructures	Scopus	ZAKIAH BINTI MOHAMED
28	Crystallization kinetics, morphology and spherulite growth in poly(trimethylene terephthalate) modified with bisphenol-A diglycidyl ether	Journal of Thermal Analysis and Calorimetry	Scopus/WoS	CHAN CHIN HAN
29	Cytotoxic activity of erythrina fusca Lour. Leaf, twig and flower extracts [Aktiviti sitotoksik ekstrak daun, ranting, dan bunga erythrina fusca Lour.]	Malaysian Journal of Analytical Sciences	Scopus	FATIMAH BINTI SALIM
30	Cytotoxicity, alpha-glucosidase inhibition and molecular docking studies of hydroxamic acid chromium(III) complexes	Journal of Biological Inorganic Chemistry	Scopus/WoS	HADARIAH BINTI BAHRON
31	Developing high-sensitivity UV sensors based on ZnO nanorods grown on TiO ₂ seed layer films using solution immersion method	Sensors and Actuators, A: Physical	Scopus/WoS	MOHD HUSAIRI BIN FADZILAH SUHAIMI
32	DFT + U calculations for electronic, structural, and optical properties of ZnO wurtzite structure: A review	Results in Physics	Scopus/WoS	MUHAMAD KAMIL BIN YAAKOB
33	Dielectric surface coated with thin partially-reflecting mirror – A revisit to Fresnel laws	Optik	Scopus/WoS	ABDEL BASET MOHAMED EL NABWI ABDEL HAMID IBRAHIM
34	Distribution, sources and modified degree of contamination of trace elements in Linggi estuary surface sediments, Malaysia	Journal of Sustainability Science and Management	Scopus	SHARIFF BIN CHE IBRAHIM
35	Dye-sensitized solar cell based on poly(epsilon-caprolactone) gel polymer electrolyte and cobalt selenide counter electrode	JOURNAL OF POLYMER RESEARCH	Scopus/WoS	TAN WINIE
36	Dye-sensitized solar cell based on poly(epsilon-caprolactone) gel polymer electrolyte and cobalt selenide counter electrode	JOURNAL OF POLYMER RESEARCH	Scopus	TAN WINIE
37	Effect between stem cell size and in-vitro culture microenvironment	International Journal of Pharmaceutical Research	Scopus	ZAIDAH BT ZAINAL ARIFFIN
38	Effect of Bi Substitution on Structural and AC Magnetic Susceptibility Properties of Nd _{1-x} Bi _x MnO ₃	CRYSTALS	Scopus/WoS	ZAKIAH BINTI MOHAMED

39	Effect of compression socks and smooth socks on VO ₂ max and blood lactate concentration of experienced and novice runners	Pertanika Journal of Social Sciences and Humanities	Scopus/WoS	MOHD IQBAL BIN MISNON
40	Effect of heavy metals and other xenobiotics on biodegradation of waste canola oil by cold-adapted <i>Rhodococcus</i> sp. strain AQ5-07	Revista Mexicana de Ingeniera Quimica	Scopus/WoS	KHALILAH BINTI ABDUL KHALIL
41	Effect of irradiated chitosan on kenaf (<i>Hibiscus cannabinus</i> L.) by foliar application	ASM Science Journal	Scopus	NORRIZAH BINTI JAAFAR SIDIK
42	Effect of lignocellulosic materials on distribution of lactic acid bacteria from the <i>Rhynchophorus ferrugineus</i> larvae gut	ASM Science Journal	Scopus	NORRIZAH BINTI JAAFAR SIDIK
43	Effect of Ni substitution at Mn-site on structural and electronic properties of monovalent-doped Pr _{0.75} Na _{0.25} MnO ₃ manganite: Experimental and first principles LDA+U studies	Physica B: Condensed Matter	Scopus	MUHAMAD KAMIL BIN YAAKOB
44	Effect of Sb-doped YBa _{2-x} Sb _x Cu ₃ O _{7-δ} superconductor on electronic behaviour using density functional theory	Cryogenics	Scopus	MOHAMAD FARIZ BIN MOHAMAD TAIB
45	Effects of metabolite changes during lacto-fermentation on the biological activity and consumer acceptability for dragon fruit juice	LWT	Scopus/WoS	MOHAMMAD ZAREI
46	Effects of mixed glass former on AC conductivity and dielectric properties of 70[xTeO ₂ +(1-x)B ₂ O ₃]+15Na ₂ O+15K ₂ O glass system	Solid State Sciences	Scopus/WoS	ROSDIYANA BINTI HASHAM @ HISAM
47	Effects of mixed-alkali oxides on AC conductivity and dielectric properties of xNa ₂ O-(20-x)K ₂ O-30V ₂ O ₅ -50TeO ₂ glasses	Results in Physics	Scopus/WoS	ROSDIYANA BINTI HASHAM @ HISAM
48	Efficiency of combined effects of lactic acid bacteria (<i>Lactobacillus</i> SP.) and high oxygen atmosphere on reducing the postharvest decay of strawberry fruits	Malaysian Journal of Biochemistry and Molecular Biology	Scopus	FARIDA ZURAINA BINTI MOHD YUSOF
49	Electrically conductive fabric coated with polyaniline: physicochemical characterisation and antibacterial assessment	EMERGENT MATERIALS	WoS	MOHD MUZAMIR BIN MAHAT
50	Electrochemical properties of pyrolysed graphene/activated carbon composite doped with FeTMPP-Cl as electrode materials	Ionics	Scopus/WoS	MOHAMAD FARIZ BIN MOHAMAD TAIB
51	ELECTROSPUN STRONTIUM CROSS-LINKED SULFONATED POLY (ETHER ETHER KETONE) SPEEK NANOFIBER FOR PROTON EXCHANGE MEMBRANE FUEL CELL	JURNAL TEKNOLOGI-SCIENCES & ENGINEERING	WoS	KHAIRUNNADIM BIN AHMAD SEKAK

52	Enhanced mechanism of thermoelectric performance of Bi ₂ Se ₃ using density functional theory	Materials for Renewable and Sustainable Energy	Scopus/WoS	MOHAMAD FARIZ BIN MOHAMAD TAIB
53	Enhancement of electrical properties for NASICON-type solid electrolytes (LiSn ₂ P ₃ O ₁₂) via aluminium substitution	Journal of Science: Advanced Materials and Devices	Scopus	RI HANUM YAHAYA SUBBAN
54	ERIC-PCR fingerprint profiling and genetic diversity of coagulase negative staphylococcus in Malaysia	Malaysian Journal of Microbiology	Scopus	MOHAMAD FAIZ FOONG BIN ABDULLAH
55	Evaluation of particle swarm optimization for strength determination of tropical wood polymer composite	IAES International Journal of Artificial Intelligence	Scopus	SHAHRIL ANUAR BIN BAHARI
56	Experimental and theoretical studies of azomethines derived from benzylamine as corrosion inhibitors of mild steel in 1 M HCl	Journal of Molecular Structure	Scopus	KARIMAH BINTI KASSIM
57	Extraction, anti-tyrosinase, and antioxidant activities of the collagen hydrolysate derived from <i>Rhopilema hispidum</i>	Preparative Biochemistry and Biotechnology	Scopus	MOHAMMAD ZAREI
58	Extraction, characterization and molecular structure of bovine skin gelatin extracted with plant enzymes bromelain and zingibain	Journal of Food Science and Technology	Scopus/WoS	KHALILAH BINTI ABDUL KHALIL
59	Fabrication and structural properties of flower-like TiO ₂ nanorod array films grown on glass substrate without FTO layer	MATERIALS LETTERS	Scopus/WoS	MOHD FIRDAUS BIN MALEK
60	Facile preparation of activated carbon/zinc oxide nanocomposite for supercapacitor application	Recent Innovations in Chemical Engineering	Scopus	MUHD FIRDAUS BIN KASIM
61	Facile Reduction of β -Enamino Oxopyrrolidine Carboxylates Mediated by Heterogeneous Palladium Catalyst	Russian Journal of Organic Chemistry	Scopus	MOHD FAZLI BIN MOHAMMAT @ MOHAMED YAHYA
62	Facile synthesis of crosslinked chitosan-tripolyphosphate/kaolin clay composite for decolourization and COD reduction of remazol brilliant blue R dye: Optimization by using response surface methodology	Colloids and Surfaces A: Physicochemical and Engineering Aspects	Scopus	ALI H. JAWAD AL-TAIE
63	Factors contributing towards research productivity in higher education	International Journal of Evaluation and Research in Education	Scopus	UMI MARSHIDA BINTI ABD HAMID
64	<i>Ficus deltoidea</i> suppresses endothelial activation, inflammation, monocytes adhesion and oxidative stress via NF-kappa B and eNOS pathways in stimulated human coronary artery endothelial cells	BMC COMPLEMENTARY MEDICINE AND THERAPIES	Scopus/WoS	NOR HADIANI BTE ISMAIL

65	First principles study of structural, electronic and optical properties of orthorhombic phase Ni-doped Bi ₂ Se ₃ using density functional theory	Computational Condensed Matter	Scopus	MOHAMAD FARIZ BIN MOHAMAD TAIB
66	First principles study of the effect of spin-orbit coupling on thermoelectric properties of Bismuth telluride	Computational and Theoretical Chemistry	Scopus/WoS	MOHAMAD FARIZ BIN MOHAMAD TAIB
67	Flavonol and two phenolic compounds from the leaves of <i>Macaranga hosei</i> King ex Hook.f.	Research Journal of Chemistry and Environment	Scopus	NORIZAN BINTI AHMAT @ ABDUL HAMID
68	Flood Estimation for SMART Control Operation Using Integrated Radar Rainfall Input with the HEC-HMS Model	Water Resources Management	Scopus/WoS	ARNIS BINTI ASMAT
69	Free-H ₂ deoxygenation of <i>Jatropha curcas</i> oil into cleaner diesel-grade biofuel over coconut residue-derived activated carbon catalyst	Journal of Cleaner Production	Scopus/WoS	MOHD SUFRI BIN MASTULI
70	Frequency of <i>Mycoplasma pneumoniae</i> , <i>Legionella pneumophila</i> and <i>Chlamydia</i> spp. among patients with atypical pneumonia in Tehran	New Microbes and New Infections	Scopus	SHARIFAH AMINAH BT SYED MOHAMAD
71	Growth and metal uptake of spinach with application of co-compost of cat manure and spent coffee ground	Heliyon	Scopus	YONG SOON KONG
72	H ₂ SO ₄ -treated Malaysian low rank coal for methylene blue dye decolourization and cod reduction: Optimization of adsorption and mechanism study	Surfaces and Interfaces	Scopus	ALI H. JAWAD AL-TAIE
73	Health Risks Assessment of Metal Exposure from a Tropical Semi-urban Soil	Soil and Sediment Contamination	Scopus/WoS	ISMANIZA BINTI ISMAIL
74	Hematite microcube decorated TiO ₂ nanorods as heterojunction photocatalyst with in-situ carbon doping derived from polysaccharides bio-templates hydrothermal carbonization	Journal of Alloys and Compounds	Scopus/WoS	MOHD SUFRI BIN MASTULI
75	Hybrid Crosslinked Chitosan-Epichlorohydrin/TiO ₂ Nanocomposite for Reactive Red 120 Dye Adsorption: Kinetic, Isotherm, Thermodynamic, and Mechanism Study	Journal of Polymers and the Environment	Scopus/WoS	ALI H. JAWAD AL-TAIE
76	Identification and quantification of fructose, glucose and sucrose in watermelon peel juice [Pengenalan dan pengkuantitian fruktosa, glukosa dan sukrosa di dalam jus kulit tembikai]	Malaysian Journal of Analytical Sciences	Scopus	FATIMAH BINTI SALIM
77	In flurence of 1-methyl-3-propylimidazolium iodide ionic liquid on the performance of dye-sensitized solar cell using hexanoyl chitosan/poly(vinyl chloride) based polymer electrolyte	Optik	WoS	TAN WINIE

78	In vitro antiplasmodial and cytotoxicity activities of crude extracts and major compounds from <i>Goniothalamus lanceolatus</i>	Journal of Ethnopharmacology	Scopus/WoS	NUR VICKY BINTI BIHUD
79	Influence of 1-methyl-3-propylimidazolium iodide ionic liquid on the performance of dye-sensitized solar cell using hexanoyl chitosan/poly(vinyl chloride) based polymer electrolyte	Optik	Scopus	TAN WINIE
80	Influence of filler system on the cure characteristics and mechanical properties of butyl reclaimed rubber	BIORESOURCES	Scopus/WoS	SITI ZAFIRAH BINTI ZAINAL ABIDIN
81	Influence of rice straw, bagasse, and their combination on the properties of binderless particleboard	Journal of the Korean Wood Science and Technology	Scopus	MOHD ARIFF BIN JAMALUDIN
82	Influence of Ruthenium Doping on the Crystal Structure and Magnetic Properties of $\text{Pr}_{0.67}\text{Ba}_{0.33}\text{Mn}_{1-x}\text{Ru}_x\text{O}_3$ Manganites	CRYSTALS	WoS	ZAKIAH BINTI MOHAMED
83	Iridoid glycosides and phenylpropanoids from <i>asystasia gangetica</i> (L) f. <i>anderson</i> var. <i>micrantha</i> (acanthaceae) [Iridoid glikosida dan fenilpropanoid daripada <i>asystasia gangetica</i> (L) f. <i>anderson</i> var. <i>micrantha</i> (acanthaceae)]	Malaysian Journal of Analytical Sciences	Scopus	NORIZAN BINTI AHMAT @ ABDUL HAMID
84	Iterative-based sizing algorithm for stand-alone photovoltaic systems	International Journal of Emerging Trends in Engineering Research	Scopus	SULAIMAN BIN SHAARI
85	Lacto-fermented Kenaf (<i>Hibiscus cannabinus</i> L.) seed protein as a source of bioactive peptides and their applications as natural preservatives	Food Control	Scopus/WoS	MOHAMMAD ZAREI
86	Life-cycle assessment of residential-scale grid-connected photovoltaic system in malaysia based on monocrystalline silicon modules	International Journal of Power Electronics and Drive Systems	Scopus	SULAIMAN BIN SHAARI
87	Low frequency dielectric relaxation and conductance of solid polymer electrolytes with PEO and Blends of PEO and PMMA	Polymers	Scopus/WoS	CHAN CHIN HAN
88	Low molecular weight peptides generated from palm kernel cake via solid state lacto-fermentation extend the shelf life of bread	LWT	Scopus	MOHAMMAD ZAREI
89	Magnetic and electronic transport properties of electron-doped $\text{La}_{0.9-x}\text{Bi}_x\text{Te}_{0.1}\text{MnO}_3$ ($0.00 \leq x \leq 0.2$) Manganites	Materials Chemistry and Physics	Scopus/WoS	NORAZILA BINTI IBRAHIM
90	Magnetic mesoporous silica composite for enhanced preconcentration of selected organophosphorus pesticides in fruits	INDONESIAN JOURNAL OF CHEMISTRY	Scopus/WoS	WAN NAZIHAH BINTI WAN IBRAHIM

91	Magnetic nanoparticles assisted dispersive liquid-liquid microextraction of chloramphenicol in water samples	Royal Society Open Science	Scopus/WoS	NOR SUHAILA BINTI MOHAMAD HANAPI
92	Mechanistic studies on counter-ionic effects of camphorsulfonate-based ionic liquids on kinetics, thermodynamics and stereoselectivity of β -amino carbonyl compounds	Journal of Molecular Liquids	Scopus	AHMAD SAZALI BIN HAMZAH
93	Medicinal Use of Ferns: An Ethnobotanical Review	Sains Malaysiana	Scopus/WoS	ZITTY SARAH BINTI ISMAIL
94	Medroxyprogesterone derivatives from microbial transformation as anti-proliferative agents and acetylcholinesterase inhibitors (combined in vitro and in silico approaches)	Steroids	Scopus	SYAHRUL IMRAN BIN ABU BAKAR
95	Melt rheological behavior and morphology of poly(ethylene oxide)/natural rubber-graft-poly(methyl methacrylate) blends	Polymers	Scopus/WoS	CHAN CHIN HAN
96	Mesoporous Crosslinked Chitosan-Activated Charcoal Composite for the Removal of Thionine Cationic Dye: Comprehensive Adsorption and Mechanism Study	Journal of Polymers and the Environment	Scopus	ALI H. JAWAD AL-TAIE
97	Mesoporous Iraqi red kaolin clay as an efficient adsorbent for methylene blue dye: Adsorption kinetic, isotherm and mechanism study	Surfaces and Interfaces	Scopus/WoS	ALI H. JAWAD AL-TAIE
98	Methodology to determine photovoltaic inverter conversion efficiency for the equatorial region	Applied Sciences (Switzerland)	Scopus/WoS	SULAIMAN BIN SHAARI
99	MgAl mixed oxide derived alkali-free hydrotalcite for transesterification of waste cooking oil to biodiesel	ASM Science Journal	Scopus	NAZRIZAWATI BINTI AHMAD TAJUDDIN
100	Modeling of Soiling Derating Factor in Determining Photovoltaic Outputs	IEEE Journal of Photovoltaics	Scopus/WoS	SULAIMAN BIN SHAARI
101	Modulation of metabolic alterations of obese diabetic rats upon treatment with Salacca zalacca fruits extract using ¹ H NMR-based metabolomics	Food Research International	Scopus	NOR HADIANI BTE ISMAIL
102	Morphological and conductivity studies of polyaniline fabric doped phosphoric acid	Malaysian Journal of Analytical Sciences	Scopus	MOHD MUZAMIR BIN MAHAT
103	NaOH-Activated Betel Nut Husk Hydrochar for Efficient Adsorption of Methylene Blue Dye	Water, Air, and Soil Pollution	Scopus	ALI H. JAWAD AL-TAIE

104	New Access to Pyrano[2,3-c]pyrazole-3-carboxylates via Domino Four-Component Reaction and Their Antimicrobial Activity	INDONESIAN JOURNAL OF CHEMISTRY	Scopus/WoS	MOHD FAZLI BIN MOHAMMAT @ MOHAMED YAHYA
105	New magnetic Schiff's base-chitosan-glyoxal/fly ash/Fe3O4 biocomposite for the removal of anionic azo dye: An optimized process	International Journal of Biological Macromolecules	Scopus/WoS	ALI H. JAWAD AL-TAIE
106	Optimisation of biodegradation conditions for waste canola oil by cold-adapted <i>Rhodococcus</i> sp. AQ5-07 from Antarctica	Electronic Journal of Biotechnology	Scopus	KHALILAH BINTI ABDUL KHALIL
107	Palm-based cationic polyurethane membranes for solid polymer electrolytes application: A physico-chemical characteristics studies of chain-extended cationic polyurethane	Industrial Crops and Products	Scopus/WoS	RI HANUM YAHAYA SUBBAN
108	Phenylpropanoids and flavones from <i>Asystasia gangetica</i> (L) T. Anderson var. <i>Micrantha</i> (Acanthaceae)	Research Journal of Chemistry and Environment	Scopus	NORIZAN BINTI AHMAT @ ABDUL HAMID
109	Photocatalytic Application of Two-dimensional Materials-based Heterostructure Based on Molybdenum and Tungsten Disulfides and Gallium Nitride: A Density-Functional Theory Study	Materials Today Communications	Scopus	MOHAMAD FARIZ BIN MOHAMAD TAIB
110	Photodeposition of Ag Nanocrystals onto TiO ₂ Nanotube Platform for Enhanced Water Splitting and Hydrogen Gas Production	Journal of Nanomaterials	Scopus/WoS	NUR AIMI BINTI JANI
111	Physicochemical characterization and controlled release formulation on intercalated 2-methyl-4-chlorophenoxy acetic acid-graphite oxide (MCPA-GO) nanocomposite	INDONESIAN JOURNAL OF CHEMISTRY	Scopus/WoS	SITI HALIMAH BT SARIJO
112	Physicochemical modification of chitosan with fly ash and tripolyphosphate for removal of reactive red 120 dye: Statistical optimization and mechanism study	International Journal of Biological Macromolecules	Scopus/WoS	ALI H. JAWAD AL-TAIE
113	Physicochemical properties of TiO ₂ nanoparticle loaded APTES-functionalized MWCNTs composites and their photocatalytic activity with kinetic study	Arabian Journal of Chemistry	Scopus/WoS	KARIMAH BINTI KASSIM
114	PREPARATION OF CASTOR-BASED POLYURETHANE COMPOSITES FILLED WITH WASTE CARBON TYRES (WCT) AS GROUTING MATERIAL	JURNAL TEKNOLOGI-SCIENCES & ENGINEERING	WoS	NOOR NAJMI BINTI BONNIA
115	Preparation of Na ₂ O supported CNTs nanocatalyst for efficient biodiesel production from waste-oil	Energy Conversion and Management	Scopus/WoS	MOHD LOKMAN BIN IBRAHIM
116	Production of renewable diesel from <i>Jatropha curcas</i> oil via pyrolytic-deoxygenation over various multi-wall carbon nanotube-based catalysts	Process Safety and Environmental Protection	Scopus	MOHD SUFRI BIN MASTULI

117	Proteomic analysis of <i>Pseudomonas aeruginosa</i> biofilm treated with <i>Chromolaena odorata</i> extracts	Malaysian Journal of Microbiology	Scopus	MOHD FAKHARUL ZAMAN BIN RAJA YAHYA
118	Quo Vadis, Macromolecular Science? Reflections by the IUPAC Polymer Division on the Occasion of the Staudinger Centenary	Israel Journal of Chemistry	Scopus/WoS	CHAN CHIN HAN
119	Recent advances on metal nitride materials as emerging electrochemical sensors: A mini review	Electrochemistry Communications	Scopus	MOHD MUZAMIR BIN MAHAT
120	Response surface methodology optimization and kinetics of diesel degradation by a cold-adapted antarctic bacterium, <i>Arthrobacter</i> sp. strain AQ5-05	Sustainability (Switzerland)	Scopus	KHALILAH BINTI ABDUL KHALIL
121	Selective determination of acidic drugs in water samples using online solid phase extraction liquid chromatography with alginate incorporated multi-walled carbon nanotubes as extraction sorbent	INDONESIAN JOURNAL OF CHEMISTRY	Scopus	NOR SUHAILA BINTI MOHAMAD HANAPI
122	Simultaneously improved dielectric, optical and conductivity properties of $SrLa(1-x)Nd(x)LiTeO_6$ double perovskites	MATERIALS RESEARCH EXPRESS	Scopus/WoS	ZAKIAH BINTI MOHAMED
123	Simultaneously improved dielectric, optical and conductivity properties of $SrLa_{1-x}Nd_xLiTeO_6$ double perovskites	MATERIALS RESEARCH EXPRESS	Scopus	ZAKIAH BINTI MOHAMED
124	Single- and compound-mode squeezing in nonlinear coupler with frequency mismatch	Journal of Electromagnetic Waves and Applications	Scopus	ABDEL BASET MOHAMED EL NABWI ABDEL HAMID IBRAHIM
125	SiO_2 -Rich Sugar Cane Bagasse Ash Catalyst for Transesterification of Palm Oil	BIOENERGY RESEARCH	Scopus/WoS	MOHD LOKMAN BIN IBRAHIM
126	Sorption of methylene blue onto sugarcane bagasse: A column study	International Journal of Emerging Trends in Engineering Research	Scopus	SHARIFF BIN CHE IBRAHIM
127	Statistical modeling of methylene blue dye adsorption by high surface area mesoporous activated carbon from bamboo chip using KOH-assisted thermal activation	Energy, Ecology and Environment	Scopus	ALI H. JAWAD AL-TAIE
128	Statistical optimization and modeling for color removal and COD reduction of reactive blue 19 dye by mesoporous chitosan-epichlorohydrin/kaolin clay composite	International Journal of Biological Macromolecules	Scopus	ALI H. JAWAD AL-TAIE
129	Study of conductivity and thermal properties of polyaniline doped with p-toluene sulfonic acid	Malaysian Journal of Analytical Sciences	Scopus	MOHD MUZAMIR BIN MAHAT

130	Study of conductivity and thermal properties of polyaniline doped with p-toluene sulfonic acid [Kajian pengaliran elektrik dan haba terhadap polianilina didopkan dengan asid p-toluena sulfonik]	Malaysian Journal of Analytical Sciences	Scopus	MOHD MUZAMIR BIN MAHAT
131	Study on parameters optimization of silver nanoparticles biosynthesized using aqueous extract of Imperata cylindrica	Desalination and Water Treatment	Scopus/WoS	NOOR NAJMI BINTI BONNIA
132	Sulfonated functionalization of carbon derived corncob residue via hydrothermal synthesis route for esterification of palm fatty acid distillate	Energy Conversion and Management	Scopus/WoS	MOHD LOKMAN BIN IBRAHIM
133	Sulfonated SnO ₂ nanocatalysts via a self-propagating combustion method for esterification of palm fatty acid distillate	RSC Advances	WoS	MOHD SUFRI BIN MASTULI
134	Sulfonated SnO ₂ nanocatalysts: Via a self-propagating combustion method for esterification of palm fatty acid distillate	RSC Advances	Scopus	MOHD SUFRI BIN MASTULI
135	Supermagnetic nano-bifunctional catalyst from rice husk: Synthesis, characterization and application for conversion of used cooking oil to biodiesel	Catalysts	Scopus/WoS	MOHD LOKMAN BIN IBRAHIM
136	Surface roughness effect on optical loss in waveguide using isotropically induced crosslink network of siloxane-polyimide copolymer	Journal of Applied Polymer Science	Scopus/WoS	MOHD KAMIL BIN ABD. RAHMAN
137	Synthesis of bifunctional nanocatalyst from waste palm kernel shell and its application for biodiesel production	RSC Advances	Scopus/WoS	MOHD LOKMAN BIN IBRAHIM
138	Synthesis of Magnetic Chitosan-Fly Ash/Fe ₃ O ₄ Composite for Adsorption of Reactive Orange 16 Dye: Optimization by Box-Behnken Design	Journal of Polymers and the Environment	Scopus	ALI H. JAWAD AL-TAIE
139	Synthesis of symmetrical bis-Schiff base-disulfide hybrids as highly effective anti-leishmanial agents	Bioorganic Chemistry	Scopus	NOR HADIANI BTE ISMAIL
140	Synthesis, characterization and morphological study of nicotinamide and p-coumaric acid cocrystal	INDONESIAN JOURNAL OF CHEMISTRY	Scopus	HAMIZAH BINTI MOHD ZAKI
141	Synthesis, characterization, quantum chemical calculations and anticancer activity of a Schiff base NNOO chelate ligand and Pd(II) complex	PLoS ONE	Scopus/WoS	SHAHRUL NIZAM BIN AHMAD
142	Synthesis, crystal structure, photophysical properties, DFT studies and Hirshfeld surface analysis of a phosphorescent 1,2,4-triazole-based iridium(III) complex	Polyhedron	Scopus/WoS	AMALINA BINTI MOHD TAJUDDIN

143	Synthesis, structural and optical properties of mesostructured, X-doped NiO (x = Zn, Sn, Fe) nanoflake network films	Materials Research Bulletin	Scopus/WoS	MOHD FIRDAUS BIN MALEK
144	Synthesis, structures, luminescence and thermal stability of Visible/NIR emitting binuclear azomethine-Zn(II) complexes	Journal of Luminescence	Scopus	HADARIAH BINTI BAHRON
145	The effect of pretreated palm kernel shell and mukah balingian coal co-gasification on product yield and gaseous composition	International Journal of Technology	Scopus/WoS	RAJA RAZUAN BIN RAJA DERIS
146	The effect of viscosities of various coating solutions on the physical, mechanical and morphological properties of kenaf/epoxy composites	BIOINTERFACE RESEARCH IN APPLIED CHEMISTRY	Scopus/WoS	AHMAD ZAFIR BIN ROMLI
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148	The effects of xanthan gum and hydroxypropylmethylcellulose on physical properties of sponge cakes	Journal of the Saudi Society of Agricultural Sciences	Scopus	NOORLAILA BT AHMAD
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150	The potential of pandanus amaryllifolius leaves extract in fabrication of dense and uniform ZnO microrods	Micromachines	Scopus/WoS	RABIATULADAWIYAH BINTI MD AKHIR
151	The synergistic effect of iron cobaltite compare to its single oxides as cathode in supercapacitor	JOURNAL OF ELECTROCERAMICS	Scopus/WoS	TAN WINIE
152	Thermoelectric power generations from vehicle exhaust gas with TiO ₂ nanofluid cooling	Thermal Science and Engineering Progress	Scopus	NOR DALILA BINTI NOR AFFANDI
153	Toxicity study and blood pressure-lowering efficacy of whey protein concentrate hydrolysate in rat models, plus peptide characterization	Journal of Dairy Science	Scopus	MOHAMMAD ZAREI
154	Tunable Schiff's base-cross-linked chitosan composite for the removal of reactive red 120 dye: Adsorption and mechanism study	International Journal of Biological Macromolecules	Scopus/WoS	ALI H. JAWAD AL-TAIE
155	Tuning of Fly Ash Loading into Chitosan-Ethylene Glycol Diglycidyl Ether Composite for Enhanced Removal of Reactive Red 120 Dye: Optimization Using the Box-Behnken Design	Journal of Polymers and the Environment	Scopus/WoS	ALI H. JAWAD AL-TAIE

156	UHPLC-ESI-Orbitrap-MS Analysis of Biologically Active Extracts from <i>Gynura procumbens</i> (Lour.) Merr. And <i>Cleome gynandra</i> L. Leaves	Evidence-based Complementary and Alternative Medicine	Scopus/WoS	NOR HADIANI BTE ISMAIL
157	Urinary Metabolomics and Biochemical Analysis of Antihyperglycemic Effect of <i>Ficus deltoidea</i> Jack Varieties in Streptozotocin-Nicotinamide-Induced Diabetic Rats	APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY	Scopus/WoS	NOR HADIANI BTE ISMAIL
158	Varietal discrimination of pineapple (<i>Ananas comosus</i> L.) using chromatographic fingerprints and chemometrics	INDONESIAN JOURNAL OF CHEMISTRY	Scopus	ROSSURIATI BINTI DOL HAMID
159	Whey protein concentrate as a novel source of bifunctional peptides with angiotensin-i converting enzyme inhibitory and antioxidant properties: RSM study	Foods	Scopus/WoS	MOHAMMAD ZAREI
160	Zwitterion composite chitosan-epichlorohydrin/zeolite for adsorption of methylene blue and reactive red 120 dyes	International Journal of Biological Macromolecules	Scopus	ALI H. JAWAD AL-TAIE