

NO	ARTICLE TITLE	JOURNAL NAME	SOURCE	AUTHOR (Main, Corresponding, First in sequence)
1	Coal-Based Activated Carbon Via Microwave-Assisted ZnCl <sub>2</sub> Activation For Methyl Violet 2B Dye Removal: Optimization, Desirability Function, And Adsorption Mechanism	Minerals	WoS	ALI H. JAWAD AL-TAIE
2	Organo-Metallic Palladium Complexes Used For Co <sub>2</sub> Storage And Environmental Remediation	Pollution	WoS	ALI H. JAWAD AL-TAIE
3	Photo-Physical And Morphological Study Of Polymers: A Review	Physical Chemistry Research	WoS	ALI H. JAWAD AL-TAIE
4	Investigating The Antibacterial Effects Of Synthetic Gamma-Lactam Heterocycles On Methicillin-Resistant Staphylococcus Aureus Strains And Assessing The Safety And Effectiveness Of Lead Compound Mfm514	Molecules	WoS	MOHD FAZLI BIN MOHAMMAT @ MOHAMED YAHYA
5	Application Of Conductive Hydrogels On Spinal Cord Injury Repair: A Review	Acs Biomaterials Science & Engineering	WoS	MOHD MUZAMIR BIN MAHAT
6	Effect Of Physical Parameters In Enhancing Prodigiosin Production And Anti-Mrsa Activity Of Marine Bacterium, Serratia Marcescens Ibrl Usm84	Malaysian Journal Of Microbiology	WoS	MOHD TAUFIQ BIN MAT JALIL
7	Effects Of Li Substitution On Structural, Magnetic Properties And Electroresistance Behaviour In La <sub>0.8</sub> Na <sub>0.2</sub> -Xl <sub>ix</sub> Mn <sub>3</sub> Monovalent-Doped Manganite	Materials Science And Engineering B-Advanced Functional Solid-State Materials	WoS	NORAZILA BINTI IBRAHIM
8	Physicochemical Properties Of N,N-Diethylethanolammonium Chloride/Ethylene Glycol-Based Deep Eutectic Solvent For Replacement Of Ionic Liquid	Journal Of Electrochemical Energy Conversion And Storage	WoS	ROSLINDA BINTI FAUZI
9	Physico-Mechanical Properties Of Nano Bio-Films For Application In Food Packaging	International Journal Of Nanoelectronics And Materials	WoS	SITI NORASMAH BINTI SURIP
10	Structural, Electronic, And Optical Properties Of Lower-Dimensional Hybrid Perovskite Lead-Iodide Frameworks + Soc Via Density Functional Theory	Emergent Materials	Scopus/WoS	AB MALIK MARWAN BIN ALI
11	Amino Acid Profiling And Structural Characterization Of Sorghum Protein Concentrates Using Enzyme Liquefaction	Journal Of Food Measurement And Characterization	Scopus/WoS	ADI BIN MD SIKIN
12	Effect Of Glass Fiber Loading And Reprocessing Cycles On The Mechanical, Thermal, And Morphological Properties Of Isotactic Polypropylene Composites	Journal Of Applied Polymer Science	Scopus/WoS	AHMAD ZAFIR BIN ROMLI
13	Recent Advances On Improving The Mechanical And Thermal Properties Of Kenaf Fibers/Engineering Thermoplastic Composites Using Novel Coating Techniques: A Review	Composite Interfaces	Scopus/WoS	AHMAD ZAFIR BIN ROMLI
14	A New Matrix Of Chitosan-Salicylaldehyde Schiff Base/Algae/Montmorillonite For Adsorption Of Anionic And Cationic Dyes: Statistical Optimization And Adsorption Mechanism	Journal Of Polymers And The Environment	Scopus/WoS	ALI H. JAWAD AL-TAIE

15	Activated Carbon-Modified Iron Oxide Nanoparticles For Cr(VI) Removal: Optimization, Kinetics, Isotherms, Thermodynamics, Regeneration, And Mechanism Study	Water, Air, And Soil Pollution	Scopus/WoS	ALI H. JAWAD AL-TAIE
16	An Eco-Friendly Adsorbent Of Chitosan/Montmorillonite/Algae For Removal Of Basic Green 1 And Reactive Blue 19 Dyes: Box-Behnken Design Optimization Mechanistic Study	Journal Of Polymers And The Environment	Scopus/WoS	ALI H. JAWAD AL-TAIE
17	Hybrid Multifunctional Biocomposite Of Chitosan Grafted Benzaldehyde/Montmorillonite/Algae For Effective Removal Of Brilliant Green And Reactive Blue 19 Dyes: Optimization And Adsorption Mechanism	Journal Of Cleaner Production	Scopus/WoS	ALI H. JAWAD AL-TAIE
18	Statistical Optimization And Desirability Function For Producing Nano Silica From Dune Sand By Sol-Gel Method Towards Methylene Blue Dye Removal	Journal Of Inorganic And Organometallic Polymers And Materials	Scopus/WoS	ALI H. JAWAD AL-TAIE
19	Tropical Fruit Wastes Including Durian Seeds And Rambutan Peels As A Precursor For Producing Activated Carbon Using H3PO4-Assisted Microwave Method: Rsm-Bbd Optimization And Mechanism For Methylene Blue Dye Adsorption	International Journal Of Phytoremediation	Scopus/WoS	ALI H. JAWAD AL-TAIE
20	Development Of Al-Doped Mg <sub>2</sub> SiO <sub>4</sub> -Based Cathode Materials For Magnesium Ion Cells	International Journal Of Applied Ceramic Technology	Scopus/WoS	ANNIE MARIA BINTI MAHAT
21	Non-Conforming Fibre-Reinforced Green Polypropylene Composite Panels: A Case Study	Journal Of Material Cycles And Waste Management	Scopus/WoS	FAMIZA BINTI ABD LATIF
22	Polycrystalline Solid-Solid Composite [(NH <sub>4</sub> ) <sub>2</sub> C <sub>2</sub> O <sub>4</sub> ·1H <sub>2</sub> O:Al <sub>2</sub> O <sub>3</sub> ]: Electrical And Structural Detail	Macromolecular Symposia	Scopus/WoS	FAMIZA BINTI ABD LATIF
23	Diastereotopic Labdane Diterpenoids From Rhizomes Of Hedychium Coronarium With A-Glucosidase Activity And Their Molecular Docking Study	Phytochemistry Letters	Scopus/WoS	FATIMAH BINTI SALIM
24	In Silico Study Of Thiourea Derivatives As Potential Epidermal Growth Factor Receptor Inhibitors	Journal Of Computational Biophysics And Chemistry	Scopus/WoS	KARIMAH BINTI KASSIM
25	Guinea Grass (Megathyrsus Maximus) Fibres As Sorbent In Diesel Bioremediation	Sustainability (Switzerland)	Scopus/WoS	KHALILAH BINTI ABDUL KHALIL
26	New Access To Nano[Mn]-Pyranopyrazole[2,3-C]Dichloride Series As A Nano-Structured Schiff-Base Complex	Chiang Mai Journal Of Science	Scopus/WoS	MOHD FAZLI BIN MOHAMMAT @ MOHAMED YAHYA
27	Cobalt Containing Glass Fibres And Their Synergistic Effect On The Hif-1 Pathway For Wound Healing Applications	Frontiers In Bioengineering And Biotechnology	Scopus/WoS	MOHD MUZAMIR BIN MAHAT
28	Revealing The Improved Sensitivity Of Pedot:Pss/Pva Thin Films Through Secondary Doping And Their Strain Sensors Application	Rsc Advances	Scopus/WoS	MOHD MUZAMIR BIN MAHAT
29	Assessment Of Cultivation Parameters Influencing Pectinase Production By Aspergillus Niger Lfp-1 In Submerged Fermentation	Journal Of Genetic Engineering And Biotechnology	Scopus/WoS	MOHD TAUFIQ BIN MAT JALIL

30	Effect Of Thermal Annealing On ZnO/Aln/Gan/Aln Heterostructure Grown On Si Substrate By Radio Frequency Sputtering	Applied Physics A: Materials Science And Processing	Scopus/WoS	MOHD ZAKI BIN MOHD YUSOFF
31	The Effects Of Etching Time And Hydrogen Peroxide Concentration On The ZnO/Glass Substrate	Chalcogenide Letters	Scopus/WoS	MOHD ZAKI BIN MOHD YUSOFF
32	Insight Into The Role Of Atomic Interaction And Ionic Radius In Al Doped Bifeo3: Structural, Electronic, And Optical Properties	Physica B: Condensed Matter	Scopus/WoS	MUHAMAD KAMIL BIN YAAKOB
33	The Role Of Promyelocytic Leukemia Zinc Finger (Plzf) And Glial-Derived Neurotrophic Factor Family Receptor Alpha 1 (Gfra1) In The Cryopreservation Of Spermatogonia Stem Cells	International Journal Of Molecular Sciences	Scopus/WoS	MUHD HANIS BIN MD IDRIS
34	A Pmma-Assisted Transfer Method Of Waste Cooking Palm Oil Based Multi-Layered Graphene From A Nickel Substrate Onto A Glass Substrate For The Development Of A Humidity Sensor	Journal Of Materials Science: Materials In Electronics	Scopus/WoS	NOOR ASNIDA BINTI ASLI
35	Enhancing Mechanical Properties And Flux Of Nanofibre Membranes For Water Filtration	Polymers	Scopus/WoS	NOR DALILA BINTI NOR AFFANDI
36	Microwave Absorption Properties Of (1 - X)La0.85Ag0.15Mno3/X Graphene (X = 0, 3, And 5 Wt.%) Composites	International Journal Of Applied Ceramic Technology	Scopus/WoS	NORAZILA BINTI IBRAHIM
37	Modulation Of Vulvovaginal Atrophy (Vva) By Gelam Honey In Bilateral Oophorectomized Rats	Frontiers In Endocrinology	Scopus/WoS	NUR HILWANI BINTI ISMAIL
38	Controlled Synthesis And Characterizations Of Reduced Graphene Oxide Silver Nanohybrids Using Monosaccharides	Fullerenes Nanotubes And Carbon Nanostructures	Scopus/WoS	NURUL IZRINI BINTI IKHSAN
39	Synthesis And Biological Evaluation Of Chromone Derivatives Against Triple-Negative Breast Cancer Cells	Medicinal Chemistry Research	Scopus/WoS	NURULFAZLINA EDAYAH BINTI RASOL
40	Chemical Composition And Anticholinesterase Inhibitory Activity Of Essential Oils From Magnolia Villosa (Miq.) H.Keng. And Magnolia Maingayi King. Leaves	Journal Of Essential Oil-Bearing Plants	Scopus/WoS	NURUNAJAH BINTI AB. GHANI
41	Chemical Constituents Of Litsea Machilifolia	Chemistry Of Natural Compounds	Scopus/WoS	NURUNAJAH BINTI AB. GHANI
42	A Narrative Action On The Battle Against Hunger Using Mushroom, Peanut, And Soybean-Based Wastes	Frontiers In Public Health	Scopus/WoS	RASEETHA VANI A/P SIVA MANIKAM
43	Altering Coupled Mode Of Surface Plasmon Resonance Mediated By Silver And Gold Nanoparticles Through Heat Treatment: Judd Ofelt, Racah And Nir-Luminescence Of Neodymium Doped Magnesium-Zinc-Sulfophosphate Glass	Journal Of Luminescence	Scopus/WoS	ROSDIYANA BINTI HASHAM @ HISAM
44	Impact Of Teo2-B2O3 Manipulation On Physical, Structural, Optical And Radiation Shielding Properties Of Ho/Yb Codoped Mixed Glass Former Borotellurite Glass	Ceramics International	Scopus/WoS	ROSDIYANA BINTI HASHAM @ HISAM

45	Influence Of Mixed Modifier Fluoride On Tuning The Ac And Dielectric Properties Of XbaF2-(50-X)CaF2-50B2O3 Glass System	Ionics	Scopus/WoS	ROSDIYANA BINTI HASHAM @ HISAM
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48	Quality Assessment And Chemometrics Application On Physicochemical Characteristics, Antioxidant Properties, And 5-Hmf Content Of Malaysian Stingless Bee Honey From Different Topographical Origins	Journal Of Food Science	Scopus/WoS	ROZITA BINTI OSMAN
49	Topographical Discrimination Of Heterotrigna Itama Honey By Their Major-To-Trace Elements Analysis Using Icp-Oes Employed With Chemometrics	Chemical Papers	Scopus/WoS	ROZITA BINTI OSMAN
50	Lactic Acid Bacteria (Lab) And Neuroprotection, What Is New? An Up-To-Date Systematic Review	Pharmaceuticals	Scopus/WoS	SHARIFAH AMINAH BT SYED MOHAMAD
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53	Electrospun Light-Emitting Tm3+-Doped SiO2-HfO2 Nanofiber For Photonic Applications	Journal Of Luminescence	Scopus/WoS	SURAYA BINTI AHMAD KAMIL
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55	Synthesis, In Vitro Evaluation And Molecular Docking Studies Of Hybrid 4-Quinolonyl Bearing 1,3,4-Thiadiazole-2-Amine As A New Inhibitor Of $\alpha$ -Amylase And $\alpha$ -Glucosidase	Journal Of Molecular Structure	Scopus/WoS	SYAHRUL IMRAN BIN ABU BAKAR
56	Pencirian Jangkitan Plasmodium Berghei Nk65 Pada Mencit Icr Sebagai Model Jangkitan Malaria Teruk	Sains Malaysiana	Scopus/WoS	WAN ROZIANOOR BINTI MOHD HASSAN
57	Characterisation Of High Purity Rice Husk Silica Synthesised Using Solvent-Thermal Treatment With Different Concentration Of Acid Leaching	Jurnal Teknologi	Scopus/WoS	ZAINATHUL AKHMAR SALIM BT ABDUL SALIM
58	Role Of Ca2+ Doping On The Enhancement Of Dielectric Properties Of Sr2-Xcaxniwo6 For Energy Storage Device Application	Scientific Reports	Scopus/WoS	ZAKIAH BINTI MOHAMED
59	Characteristics Of Different Groups Of Flare-Cme In The Minimum To Rising Phase Of Solar Cycle 24 [(Pencirian Kumpulan Berbeza Suar-Cme Dalam Fasa Minimum Hingga Fasa Menaik Kitaran Suria 24)]	Sains Malaysiana	Scopus/WoS	ZETY SHARIZAT BINTI HAMIDI

60	Metamaterial-Based Thz Polarization-Insensitive Multi-Controllable Sensor Comprising MgF <sub>2</sub> -Graphene Periodic Nanopillars Over Insb Thin Film	Ieee Transactions On Nanotechnology	Scopus	ABDEL BASET MOHAMED EL NABWI ABDEL HAMID IBRAHIM
61	(1E)-1-(2-Pyrazinyl)Ethanone Thiosemicarbazone (Pt) As A Tyrosinase Inhibitor With Anti-Browning Activity: Spectroscopy, Dft And Molecular Docking Studies	Journal Of Molecular Structure	Scopus	AHMAD SAZALI BIN HAMZAH
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65	A Ph-Sensitive Surface Of Chitosan/Sepiolite Clay/Algae Biocomposite For The Removal Of Malachite Green And Remazol Brilliant Blue R Dyes: Optimization And Adsorption Mechanism Study	Journal Of Polymers And The Environment	Scopus	ALI H. JAWAD AL-TAIE
66	Benzil Schiff Base Side-Chain Polymer-Crosslinked Chitosan Via Hydrothermal Process For Reactive Orange 16 Dye Removal: An Optimized And Comparative Study With Chitosan	Journal Of Polymers And The Environment	Scopus	ALI H. JAWAD AL-TAIE
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72	Development Of A Chitosan/Nanosilica Biocomposite With Arene Functionalization Via Hydrothermal Synthesis For Acid Red 88 Dye Removal	International Journal Of Biological Macromolecules	Scopus	ALI H. JAWAD AL-TAIE
73	Fabrication Of Magnetic Chitosan-Grafted Salicylaldehyde/Nanoclay For Removal Of Azo Dye: Bbd Optimization, Characterization, And Mechanistic Study	International Journal Of Biological Macromolecules	Scopus	ALI H. JAWAD AL-TAIE
74	Fruit Peel-Based Mesoporous Activated Carbon Via Microwave Assisted K <sub>2</sub> Co <sub>3</sub> Activation: Box Behnken Design And Desirability Function For Methylene Blue Dye Adsorption	International Journal Of Phytoremediation	Scopus	ALI H. JAWAD AL-TAIE

75	Functionalization Of Chitosan Biopolymer With SiO <sub>2</sub> Nanoparticles And Benzaldehyde Via Hydrothermal Process For Acid Red 88 Dye Adsorption: Box-Behnken Design Optimization	International Journal Of Biological Macromolecules	Scopus	ALI H. JAWAD AL-TAIE
76	High Surface Area Mesoporous Activated Carbon Produced From Iraqi Reed Via Pyrolysis Assisted H <sub>3</sub> PO <sub>4</sub> Activation: Box-Behnken Design For Surfactant Removal	Diamond And Related Materials	Scopus	ALI H. JAWAD AL-TAIE
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80	Mesoporous Activated Carbon Produced From Mixed Wastes Of Oil Palm Frond And Palm Kernel Shell Using Microwave Radiation-Assisted K <sub>2</sub> CO <sub>3</sub> Activation For Methylene Blue Dye Removal: Optimization By Response Surface Methodology	Diamond And Related Materials	Scopus	ALI H. JAWAD AL-TAIE
81	Modification Of Poly(Vinyl Chloride) Thin Films With Organic Compound And Nanoparticles For Solar Energy Applications	Journal Of Polymer Research	Scopus	ALI H. JAWAD AL-TAIE
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83	Optical And Morphological Properties Of Poly(Vinyl Chloride)-Nano-Chitosan Composites Doped With TiO <sub>2</sub> And Cr <sub>2</sub> O <sub>3</sub> Nanoparticles And Their Potential For Solar Energy Applications	Chemical Papers	Scopus	ALI H. JAWAD AL-TAIE
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88	The Optical Properties Behavior Of Modify Poly(Methyl Methacrylate) Nanocomposite Thin Films During Solar Energy Absorption	Journal Of Non-Crystalline Solids	Scopus	ALI H. JAWAD AL-TAIE
89	A Mini Review On The Effects Of Bases, Catalyst Loadings, Temperatures And Solvents In The Stille Cross-Coupling Reaction Using Pd(II), Cu(I, II) And Ni(II) Complexes As Homogeneous Catalysts	Malaysian Journal Of Chemistry	Scopus	AMALINA BINTI MOHD TAJUDDIN

90	Crystallographic, Antibacterial, And In Silico Studies Of Ni(II) And Cu(II) Schiff Base Complexes Derived From 2-Acetylpyridine	Inorganica Chimica Acta	Scopus	AMALINA BINTI MOHD TAJUDDIN
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93	Antimalarial And Toxicological Assessment Of The Tablet (As201-01) Ethyl Acetate Fraction Of Andrographis Paniculata Nees In Animal Models; [Evaluación Antimalárica Y Toxicológica De Fracción De Acetato De Etilo Del Comprimido (As201-01) De Andrographis Paniculata Nees En Modelos Animales]	Journal Of Pharmacy And Pharmacognosy Research	Scopus	CHE PUTEH BINTI OSMAN
94	Antimalarial Dihydrochalcone Isolated From Artocarpus Sericarpus Jarret Leaves And In Silico Investigation Against Falcipain-2 Protein; [Dihidrochalcona Antipalúdica Aislada De Las Hojas De Artocarpus Sericarpus Jarret E Investigación In Silico Contra La Proteína Falcipain-2]	Journal Of Pharmacy And Pharmacognosy Research	Scopus	CHE PUTEH BINTI OSMAN
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114	Influence Of Manganese Concentration On Photoelectrochemical Response Of TiO <sub>2</sub> Nanotube Decorated With Mn/Cds As Photoanode	Journal Of Materials Science: Materials In Electronics	Scopus	LIM YING CHIN
115	Modification Of A Screen-Printed Carbon Electrode With Nanoporous Gold By Electrodeposition And Dealloying Of A Gold-Copper Alloy	International Journal Of Nanoelectronics And Materials	Scopus	LIM YING CHIN
116	Overexpression Of Bactericidal/Permeability-Increasing Fold-Containing Family Bpifb1 In Gastric Cancer Cells Leads To Differential Expression Of E-Cadherin And Muc5Ac	Biology Bulletin	Scopus	MASLINDA BINTI MUSA
117	Preliminary Study On Strait Of Malacca Tide Wave Characteristic From Ais Data Mining	Disaster Advances	Scopus	MASNAWI BIN MUSTAFFA
118	Optimization Of Uniaxial Tensile Stress-Strain Response Of 3D Angle Interlock Woven Fabric Composite Using Weft Density And Draw-In Plan Variables	Journal Of Mechanical Engineering	Scopus	MOHAMAD FAIZUL BIN YAHYA
119	A Dft+U Study Of Structural, Electronic And Optical Properties Of Ag- And Cu-Doped ZnO	Microelectronics International	Scopus	MOHAMAD FARIZ BIN MOHAMAD TAIB

120	Ab-Initio And Experimental Study Of The Electronic And Optical Properties Of Layered 2D Molybdenum Disulphide	Journal Of Advanced Research In Applied Mechanics	Scopus	MOHAMAD FARIZ BIN MOHAMAD TAIB
121	Effect Of Mn Incorporated Into Linbo3 Crystal Structure On The Lectronic And Optical Properties Using First-Principles Study	Defect And Diffusion Forum	Scopus	MOHAMAD FARIZ BIN MOHAMAD TAIB
122	[3-Methoxy-5-(Methoxycarbonyl)Isoxazol-4-Yl](4-Methoxyphenyl)Iodonium 2,2,2-Trifluoroacetate	Iucrdata	Scopus	MOHD ABDUL FATAH BIN ABDUL MANAN
123	Methyl 4-Amino-3-Methoxyisoxazole-5-Carboxylate	Iucrdata	Scopus	MOHD ABDUL FATAH BIN ABDUL MANAN
124	Rac-Ethyl Rel-(2R,3R,4S)-4-Hydroxy-1,2-Dimethyl-5-Oxopyrrolidine-3-Carboxylate	Iucrdata	Scopus	MOHD ABDUL FATAH BIN ABDUL MANAN
125	Ftir Spectroscopic Study Of Inhibition Of Chloroxylenebased Disinfectant Against Salmonella Enterica Serovar Thyphimurium Biofilm	Malaysian Applied Biology	Scopus	MOHD FAKHARUL ZAMAN BIN RAJA YAHYA
126	Methanolic Extract Of Swietenia Macrophylla Exhibits Antibacterial And Antibiofilm Efficacy Against Gram-Positive Pathogens	Malaysian Applied Biology	Scopus	MOHD FAKHARUL ZAMAN BIN RAJA YAHYA
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