Roswanira Abdul Wahab

List of Publications by Citations

136 papers	2,595 citations	24 h-index	46 g-index
149 ext. papers	3,226 ext. citations	3.2 avg, IF	5.97 L-index

#	Paper	IF	Citations
136	An overview of technologies for immobilization of enzymes and surface analysis techniques for immobilized enzymes. *Biotechnology and Biotechnological Equipment*, **2015**, 29, 205-220	1.6	773
135	An overview of nanoemulsion: concepts of development and cosmeceutical applications. *Biotechnology and Biotechnological Equipment*, **2019**, 33, 779-797	1.6	95
134	On the taught new tricks of enzymes immobilization: An all-inclusive overview. *Reactive and Functional Polymers*, **2020**, 152, 104613	4.6	90
133	Oil Palm (Elaeis guineensis) Biomass in Malaysia: The Present and Future Prospects. *Waste and Biomass Valorization*, **2019**, 10, 2099-2117	3.2	78
132	Halophiles: biology, adaptation, and their role in decontamination of hypersaline environments. *World Journal of Microbiology and Biotechnology*, **2016**, 32, 135	4.4	74
131	Structure and properties of oil palm-based nanocellulose reinforced chitosan nanocomposite for efficient synthesis of butyl butyrate. *Carbohydrate Polymers*, **2017**, 176, 281-292	10.3	50
130	An overview of cosmeceutically relevant plant extracts and strategies for extraction of plant-based bioactive compounds. *Food and Bioproducts Processing*, **2018**, 112, 69-85	4.9	46
129	Detection techniques for adulterants in honey: Challenges and recent trends. *Journal of Food Composition and Analysis*, **2019**, 80, 16-32	4.1	45
128	A facile enzymatic synthesis of geranyl propionate by physically adsorbed Candida rugosa lipase onto multi-walled carbon nanotubes. *Enzyme and Microbial Technology*, **2015**, 72, 49-55	3.8	45
127	Simple adsorption of Candida rugosa lipase onto multi-walled carbon nanotubes for sustainable production of the flavor ester geranyl propionate. *Journal of Industrial and Engineering Chemistry*, **2015**, 32, 99-108	6.3	45
126	Progress of Interfacial Polymerization Techniques for Polyamide Thin Film (Nano)Composite Membrane Fabrication: A Comprehensive Review. *Polymers*, **2020**, 12,	4.5	36
125	Raw oil palm frond leaves as cost-effective substrate for cellulase and xylanase productions by Trichoderma asperellum UC1 under solid-state fermentation. *Journal of Environmental Management*, **2019**, 243, 206-217	7.9	35
124	Characterization, optimization and stability studies on Candida rugosa lipase supported on nanocellulose reinforced chitosan prepared from oil palm biomass. *International Journal of Biological Macromolecules*, **2018**, 114, 306-316	7.9	33
123	Optimization studies on cellulase and xylanase production by Rhizopus oryzae UC2 using raw oil palm frond leaves as substrate under solid state fermentation. *Renewable Energy*, **2020**, 156, 1301-1312	8.1	33
122	Evaluation of Trichoderma isolates as potential biological control agent against soybean charcoal rot disease caused by Macrophomina phaseolina. *Biotechnology and Biotechnological Equipment*, **2016**, 30, 479-488	1.6	32
121	Enzymatic esterification of eugenol and benzoic acid by a novel chitosan-chitin nanowhiskers supported Rhizomucor miehei lipase: Process optimization and kinetic assessments. *Enzyme and Microbial Technology*, **2018**, 108, 42-52	3.8	31
120	Statistical modelling of eugenol benzoate synthesis using Rhizomucor miehei lipase reinforced nanobioconjugates. *Process Biochemistry*, **2016**, 51, 249-262	4.8	31

119	A simple approach for rapid detection and quantification of adulterants in stingless bees (Heterotrigona itama) honey. *Food Research International*, **2018**, 105, 453-460	7	30
118	Candida rugosa Lipase Immobilized onto Acid-Functionalized Multi-walled Carbon Nanotubes for Sustainable Production of Methyl Oleate. *Applied Biochemistry and Biotechnology*, **2015**, 177, 967-84	3.2	28
117	Degradation of 3-chloropropionic acid (3CP) byPseudomonas sp. B6P isolated from a rice paddy field. *Annals of Microbiology*, **2009**, 59, 447-451	3.2	25
116	Towards an eco-friendly deconstruction of agro-industrial biomass and preparation of renewable cellulose nanomaterials: A review. *International Journal of Biological Macromolecules*, **2020**, 161, 1414-1430	7.9	25
115	Insight into the Rhizomucor miehei lipase supported on chitosan-chitin nanowhiskers assisted esterification of eugenol to eugenyl benzoate. *Journal of Biotechnology*, **2018**, 280, 19-30	3.7	25
114	In silico characterization of a novel dehalogenase (DehHX) from the halophile Pseudomonas halophila HX isolated from Tuz G□Lake, Turkey: insights into a hypersaline-adapted dehalogenase. *Annals of Microbiology*, **2017**, 67, 371-382	3.2	24
113	Enzymatic production of a solvent-free menthyl butyrate via response surface methodology catalyzed by a novel thermostable lipase from. *Biotechnology and Biotechnological Equipment*, **2014**, 28, 1065-1072	1.6	24
112	Sustainable production of the emulsifier methyl oleate by Candida rugosa lipase nanoconjugates. *Food and Bioproducts Processing*, **2015**, 96, 211-220	4.9	23
111	Enzymatic synthesis of butyl butyrate by Candida rugosa lipase supported on magnetized-nanosilica from oil palm leaves: Process optimization, kinetic and thermodynamic study. *Journal of the Taiwan Institute of Chemical Engineers*, **2018**, 91, 105-118	5.3	22
110	Response surface methodological approach for optimizing production of geranyl propionate catalysed by carbon nanotubes nanobioconjugates. *Biotechnology and Biotechnological Equipment*, **2015**, 29, 732-739	1.6	22
109	Arsenic adsorption mechanism on palm oil fuel ash (POFA) powder suspension. *Journal of Hazardous Materials*, **2020**, 383, 121214	12.8	22
108	Synthesis of geranyl propionate in a solvent-free medium using Rhizomucor miehei lipase covalently immobilized on chitosan-graphene oxide beads. *Preparative Biochemistry and Biotechnology*, **2017**, 47, 199-210	2.4	20
107	Extraction of nanosilica from oil palm leaves and its application as support for lipase immobilization. *Journal of Biotechnology*, **2018**, 283, 81-96	3.7	20
106	Statistical optimization and operational stability of Rhizomucor miehei lipase supported on magnetic chitosan/chitin nanoparticles for synthesis of pentyl valerate. *International Journal of Biological Macromolecules*, **2018**, 115, 680-695	7.9	19
105	Extraction and Characterization of Nanocellulose from Raw Oil Palm Leaves (Elaeis guineensis). *Arabian Journal for Science and Engineering*, **2020**, 45, 175-186	2.5	18
104	Modelling and optimization of Candida rugosa nanobioconjugates catalysed synthesis of methyl oleate by response surface methodology. *Biotechnology and Biotechnological Equipment*, **2015**, 29, 1113-1127	1.6	17
103	Identification of Lactobacillus spp. and Fructobacillus spp. isolated from fresh Heterotrigona itama honey and their antagonistic activities against clinical pathogenic bacteria. *Journal of Apicultural Research*, **2018**, 57, 395-405	2	17
102	Enzymatic breakdown of lignocellulosic biomass: the role of glycosyl hydrolases and lytic polysaccharide monooxygenases. *Biotechnology and Biotechnological Equipment*, **2017**, 1-16	1.6	17

101	Combination of oxyanion Gln114 mutation and medium engineering to influence the enantioselectivity of thermophilic lipase from Geobacillus zalihae. *International Journal of Molecular Sciences*, **2012**, 13, 11666-80	6.3	17
100	Engineering catalytic efficiency of thermophilic lipase from <i>Geobacillus zalihae</i> by hydrophobic residue mutation near the catalytic pocket. *Advances in Bioscience and Biotechnology (Print)*, **2012**, 03, 158-167	0.9	16
99	l-2-Haloacid dehalogenase (DehL) from Rhizobium sp. RC1. *SpringerPlus*, **2016**, 5, 695		16
98	In silico and empirical approaches toward understanding the structural adaptation of the alkaline-stable lipase KV1 from Acinetobacter haemolyticus. *Journal of Biomolecular Structure and Dynamics*, **2018**, 36, 3077-3093	3.6	15
97	Laser-induced breakdown spectroscopy unified partial least squares regression: An easy and speedy strategy for predicting Ca, Mg and Na content in honey. *Measurement: Journal of the International Measurement Confederation*, **2019**, 136, 1-10	4.6	15
96	Estimation of stature from hand and handprint measurements in Iban population in Sarawak, Malaysia and its applications in forensic investigation. *Journal of Clinical Forensic and Legal Medicine* , **2018**, 53, 35-45	1.7	14
95	Molecular docking and molecular dynamics simulation of dehalogenase against haloacids, haloacetates and chlorpyrifos. *Journal of Biomolecular Structure and Dynamics*, **2020**, 1-16	3.6	14
94	Rhizomucor miehei lipase immobilized on reinforced chitosan-chitin nanowhiskers support for synthesis of eugenyl benzoate. *Preparative Biochemistry and Biotechnology*, **2018**, 48, 92-102	2.4	14
93	Taguchi design-assisted immobilization of Candida rugosa lipase onto a ternary alginate/nanocellulose/montmorillonite composite: Physicochemical characterization, thermal stability and reusability studies. *Enzyme and Microbial Technology*, **2020**, 136, 109506	3.8	13
92	Effect of operative variables and kinetic study of butyl butyrate synthesis by Candida rugosa lipase activated by chitosan-reinforced nanocellulose derived from raw oil palm leaves. *Enzyme and Microbial Technology*, **2019**, 130, 109367	3.8	13
91	Insights into the physicochemical properties of the Malaysian oil palm leaves as an alternative source of industrial materials and bioenergy. *Malaysian Journal of Fundamental and Applied Sciences* , **2017**, 13, 623-631	2.1	13
90	Multi-template homology-based structural model of L-2-haloacid dehalogenase (DehL) from Rhizobium sp. RC1. *Journal of Biomolecular Structure and Dynamics*, **2017**, 35, 3285-3296	3.6	12
89	Dehalogenase-producing halophiles and their potential role in bioremediation. *Marine Pollution Bulletin*, **2020**, 160, 111603	6.7	12
88	Molecular docking and molecular dynamics simulations studies on β-glucosidase and xylanase to predict degradation order of cellulosic components in oil palm leaves for nanocellulose preparation. *Journal of Biomolecular Structure and Dynamics*, **2021**, 39, 2628-2641	3.6	12
87	Accurate evaluation of sugar contents in stingless bee (Heterotrigona itama) honey using a swift scheme. *Journal of Food Composition and Analysis*, **2018**, 66, 46-54	4.1	12
86	Identification of functional residues essential for dehalogenation by the non-stereospecific α-haloalkanoic acid dehalogenase from Rhizobium sp. RC1. *Journal of Basic Microbiology*, **2015**, 55, 324-30	2.7	11
85	An S188V mutation alters substrate specificity of non-stereospecific α-haloalkanoic acid dehalogenase E (DehE). *PLoS ONE*, **2015**, 10, e0121687	3.7	11
84	Alternative Bioremediation Agents against Haloacids, Haloacetates and Chlorpyrifos Using Novel Halogen-Degrading Bacterial Isolates from the Hypersaline Lake Tuz. *Catalysts*, **2020**, 10, 651	4	10

83	Biodegradation of Monochloroacetic Acid by a Presumptive Pseudomonas sp. Strain R1 Bacterium Isolated from Malaysian Paddy (Rice) Field. *Biotechnology*, **2008**, 7, 481-486	0.1	10
82	Taguchi orthogonal design assisted immobilization of Candida rugosa lipase onto nanocellulose-silica reinforced polyethersulfone membrane: physicochemical characterization and operational stability. *Cellulose*, **2021**, 28, 5669	5.5	10
81	Fungal-Assisted Valorization of Raw Oil Palm Leaves for Production of Cellulase and Xylanase in Solid State Fermentation Media. *Waste and Biomass Valorization*, **2020**, 11, 3133-3149	3.2	10
80	Molecular docking and molecular dynamics simulations of a mutant alkaline-stable lipase against tributyrin. *Journal of Biomolecular Structure and Dynamics*, **2021**, 39, 2079-2091	3.6	10
79	Comparative diversity and heavy metal biosorption of myxomycetes from forest patches on ultramafic and volcanic soils. *Chemistry and Ecology*, **2015**, 31, 741-753	2.3	9
78	Haloacid dehalogenases of Rhizobium sp. and related enzymes: Catalytic properties and mechanistic analysis. *Process Biochemistry*, **2020**, 92, 437-446	4.8	9
77	Insights into the stereospecificity of the d-specific dehalogenase from sp. RC1 toward d- and l-2-chloropropionate. *Biotechnology and Biotechnological Equipment*, **2014**, 28, 608-615	1.6	9
76	Cloning and DNA Sequence Analysis of the Haloalkanoic Permease Uptake Gene from Rhizobium sp. RC1. *Biotechnology*, **2010**, 9, 319-325	0.1	9
75	A statistical approach for optimizing the protocol for overexpressing lipase KV1 in Escherichia coli: purification and characterization. *Biotechnology and Biotechnological Equipment*, **2018**, 32, 69-87	1.6	9
74	Application of Box-Behnken design for ultrasound-assisted extraction and recycling preparative HPLC for isolation of anthraquinones from Cassia singueana. *Phytochemical Analysis*, **2019**, 30, 101-109	3.4	9
73	Functional profiling of bacterial communities in Lake Tuz using 16S rRNA gene sequences. *Biotechnology and Biotechnological Equipment*, **2021**, 35, 1-10	1.6	9
72	Novel Safranin-Tinted Lipase Nanoconjugates Reagent for Visualizing Latent Fingerprints on Stainless Steel Knives Immersed in a Natural Outdoor Pond. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	9
71	The mechanistic role of active site residues in non-stereo haloacid dehalogenase E (DehE). *Journal of Molecular Graphics and Modelling*, **2019**, 90, 219-225	2.8	8
70	Molecular simulation on the stability and adsorption properties of choline-based ionic liquids/IRMOF-1 hybrid composite for selective HS/CO capture. *Journal of Hazardous Materials*, **2020**, 399, 123008	12.8	8
69	Toxic metals in Perna viridis mussel and surface seawater in Pasir Gudang coastal area, Malaysia, and its health implications. *Environmental Science and Pollution Research*, **2018**, 25, 30224-30235	5.1	8
68	Deciphering the catalytic amino acid residues of l-2-haloacid dehalogenase (DehL) from Rhizobium sp. RC1: An in silico analysis. *Computational Biology and Chemistry*, **2017**, 70, 125-132	3.6	8
67	mutation on a mutant lipase from towards enhancing alkaline stability. *Journal of Biomolecular Structure and Dynamics*, **2020**, 38, 4493-4507	3.6	8
66	Synthesis and characterization of mesoporous silica nanoparticles using ionic liquids as a template. *Journal of Physics: Conference Series*, **2018**, 1123, 012068	0.3	8

65	Effects of pre and post-ozonation on POFA hollow fibre ceramic adsorptive membrane for arsenic removal in water. *Journal of the Taiwan Institute of Chemical Engineers*, **2020**, 110, 100-111	5.3	7
64	Facile modulation of enantioselectivity of thermophilic Geobacillus zalihae lipase by regulating hydrophobicity of its Q114 oxyanion. *Enzyme and Microbial Technology*, **2016**, 93-94, 174-181	3.8	7
63	Manipulation of the conformation and enzymatic properties of T1 lipase by site-directed mutagenesis of the protein core. *Applied Biochemistry and Biotechnology*, **2012**, 167, 612-20	3.2	7
62	Characterization of an □haloalkanoic acid□degrading Pseudomonas aeruginosa MX1 isolated from contaminated seawater. *Bioremediation Journal*, **2016**, 20, 89-97	2.3	7
61	Biodegradation of 3-chloropropionic acid (3-CP) by WH2 and its enzyme-substrate docking analysis. *Journal of Biomolecular Structure and Dynamics*, **2020**, 38, 3432-3441	3.6	7
60	Haloadaptation: insights from comparative modeling studies between halotolerant and non-halotolerant dehalogenases. *Journal of Biomolecular Structure and Dynamics*, **2020**, 38, 3452-3461	3.6	7
59	The role of bioactive phytoconstituents-loaded nanoemulsions for skin improvement: a review. *Biotechnology and Biotechnological Equipment*, **2021**, 35, 711-729	1.6	7
58	Relevant visualization technologies for latent fingerprints on wet objects and its challenges: a review. *Egyptian Journal of Forensic Sciences*, **2019**, 9,	1.1	6
57	Development of a catalytically stable and efficient lipase through an increase in hydrophobicity of the oxyanion residue. *Journal of Molecular Catalysis B: Enzymatic*, **2015**, 122, 282-288		6
56	Assessment of fatty acid composition and response surface optimization of ultrasonic-assisted extraction of phenolic compounds from Pouteria campechiana pulp. *Malaysian Journal of Fundamental and Applied Sciences*, **2018**, 14, 269-277	2.1	6
55	Psoralen Derivatives: Recent Advances of Synthetic Strategy and Pharmacological Properties. *Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry*, **2020**, 19, 222-239	2	6
54	Chemically modified nanoparticles from oil palm ash silica-coated magnetite as support for Candida rugosa lipase-catalysed hydrolysis: kinetic and thermodynamic studies. *Chemical Papers*, **2020**, 74, 1253-1265	1.9	6
53	D-optimal design-assisted Elaeis guineensis leaves extract in olive oil-sunflower seed nanoemulsions: development, characterization, and physical stability. *Journal of Dispersion Science and Technology*, **2020**, 1-13	1.5	6
52	Ternary Blended Chitosan/Chitin/(hbox {FE}_{3}hbox {O}_{4}) Nanosupport for Lipase Activation and Stabilization. *Arabian Journal for Science and Engineering*, **2019**, 44, 6327-6337	2.5	6
51	Substrate docking and molecular dynamic simulation for prediction of fungal enzymes from species-assisted extraction of nanocellulose from oil palm leaves. *Journal of Biomolecular Structure and Dynamics*, **2020**, 38, 4246-4258	3.6	6
50	Structure and properties of lipase activated by cellulose-silica polyethersulfone membrane for production of pentyl valerate. *Carbohydrate Polymers*, **2020**, 245, 116549	10.3	5
49	Patterns of oviposition and development of Chrysomya megacephala (Fabricius) (Diptera: Calliphoridae) and Chrysomya rufifacies (Macquart) (Diptera: Calliphoridae) on burned rabbit carcasses. *Forensic Science International*, **2016**, 260, 9-13	2.6	5
48	Biophysical characterization of a recombinant lipase KV1 from Acinetobacter haemolyticus in relation to pH and temperature. *Biochimie*, **2018**, 152, 198-210	4.6	5

47	Nanocellulose and nanoclay as reinforcement materials in polymer composites: A review. *Malaysian Journal of Fundamental and Applied Sciences*, **2020**, 16, 145-153	2.1	5
46	Effect of Glutaraldehyde Concentration on Catalytic Efficacy of Candida rugosa Lipase Immobilized onto Silica from Oil Palm Leaves. *Indonesian Journal of Chemistry*, **2019**, 19, 1043	1.5	5
45	Whole genome strategies and bioremediation insight into dehalogenase-producing bacteria. *Molecular Biology Reports*, **2021**, 48, 2687-2701	2.8	5
44	Ternary biogenic silica/magnetite/graphene oxide composite for the hyperactivation of Candida rugosa lipase in the esterification production of ethyl valerate. *Enzyme and Microbial Technology*, **2021**, 148, 109807	3.8	5
43	Ultrasound-assisted extraction of polyphenols from pineapple skin **2019**,		4
42	Fluorescence and Molecular Simulation Studies on the Interaction between Imidazolium-Based Ionic Liquids and Calf Thymus DNA. *Processes*, **2020**, 8, 13	2.9	4
41	Theoretical analyses on enantiospecificity of L-2-haloacid dehalogenase (DehL) from Rhizobium sp. RC1 towards 2-chloropropionic acid. *Journal of Molecular Graphics and Modelling*, **2019**, 92, 131-139	2.8	4
40	Optimization of cultivation conditions in banana wastes for production of extracellular β-glucosidase by Trichoderma harzianum Rifai efficient for in vitro inhibition of Macrophomina phaseolina. *Biotechnology and Biotechnological Equipment*, **2017**, 31, 921-934	1.6	4
39	assessment of dehalogenase from H2 in relation to its salinity-stability and pollutants degradation. *Journal of Biomolecular Structure and Dynamics*, **2021**, 1-15	3.6	4
38	Capillary electrophoresis for the analysis of antidepressant drugs: A review. *Journal of Separation Science*, **2019**, 42, 906-924	3.4	4
37	Potential anti-viral compounds from Malaysian Plant Natural Product Repository and Database (MyNature50000) for DENV2. *Biotechnology and Biotechnological Equipment*, **2019**, 33, 379-389	1.6	3
36	Characterisation and computational analysis of a novel lipase nanobio-based reagent for visualising latent fingerprints on water-immersed glass slides. *Process Biochemistry*, **2020**, 96, 102-112	4.8	3
35	Robust Magnetized Oil Palm Leaves Ash Nanosilica Composite as Lipase Support: Immobilization Protocol and Efficacy Study. *Applied Biochemistry and Biotechnology*, **2020**, 192, 585-599	3.2	3
34	Design and molecular modelling of phenolic-based protic ionic liquids. *Journal of Molecular Liquids*, **2020**, 308, 113062	6	3
33	Homology modelling and in silico substrate-binding analysis of a Rhizobium sp. RC1 haloalkanoic acid permease. *Biotechnology and Biotechnological Equipment*, **2018**, 32, 339-349	1.6	3
32	Interactions of non-natural halogenated substrates with D-specific dehalogenase (DehD) mutants using studies. *Biotechnology and Biotechnological Equipment*, **2014**, 28, 949-957	1.6	3
31	Further Analysis of Burkholderia pseudomallei MF2 and Identification of Putative Dehalogenase Gene by PCR. *Indonesian Journal of Chemistry*, **2020**, 20, 386	1.5	3
30	Thermodynamic stability, in-vitro permeability, and in-silico molecular modeling of the optimal Elaeis guineensis leaves extract water-in-oil nanoemulsion. *Scientific Reports*, **2021**, 11, 20851	4.9	3

29	Optimizing Ammonia Removal from Landfill Leachate Using Natural and Synthetic Zeolite Through Statically Designed Experiment. *Arabian Journal for Science and Engineering*, **2020**, 45, 3657-3669	2.5	3
28	Optimization of oil-in-water nanoemulsion system of Ananas comosus peels extract by D-optimal mixture design and its physicochemical properties. *Journal of Dispersion Science and Technology*, **2020**, 1-14	1.5	3
27	Efficacy and cost study of green fungicide formulated from crude beta-glucosidase. *International Journal of Environmental Science and Technology*, **2019**, 16, 4503-4518	3.3	3
26	Performance of Candida rugosa lipase supported on nanocellulose-silica-reinforced polyethersulfone membrane for the synthesis of pentyl valerate: Kinetic, thermodynamic and regenerability studies. *Molecular Catalysis*, **2021**, 514, 111852	3.3	3
25	Population data of 21 autosomal STR loci in Malaysian populations for human identification. *International Journal of Legal Medicine*, **2020**, 134, 1675-1678	3.1	2
24	Physicochemical properties and operational stability of Taguchi design-optimized Candida rugosa lipase supported on biogenic silica/magnetite/graphene oxide for ethyl valerate synthesis. *Advanced Powder Technology*, **2022**, 33, 103374	4.6	2
23	STATISTICAL OPTIMIZATION AND CHARACTERIZATION OF ACOUSTICALLY EXTRACTED ANANAS COMOSUS PEEL POWDER WITH ENHANCED ANTIOXIDANT CAPACITY. *Jurnal Teknologi (Sciences and Engineering)*, **2020**, 82,	1.2	2
22	Assessments on the catalytic and kinetic properties of beta-glucosidase isolated from a highly efficient antagonistic fungus Trichoderma harzianum. *Bioscience Journal*,830-847	2	2
21	Operational Stability, Regenerability, and Thermodynamics Studies on Biogenic Silica/Magnetite/Graphene Oxide Nanocomposite-Activated Lipase. *Polymers*, **2021**, 13,	4.5	2
20	Coumarin-Oxadiazole Derivatives: Synthesis and Pharmacological Properties. *Mini-Reviews in Organic Chemistry*, **2020**, 17, 780-794	1.7	2
19	Statistical Modelling of Ultrasonic-Aided Extraction of Elaeis guineensis Leaves for Better-Quality Yield and Total Phenolic Content. *Indonesian Journal of Chemistry*, **2019**, 19, 811	1.5	2
18	Morphological alterations in gram-positive and gram-negative bacteria exposed to minimal inhibitory and bactericidal concentration of raw Malaysian stingless bee honey. *Biotechnology and Biotechnological Equipment*, **2020**, 34, 575-586	1.6	2
17	Proximate analysis and bioactivity study on acoustically isolated Elaeis guineensis leaves extract **2019**,		2
16	Potassium Alum [KAl(SO)12HO] solid catalyst for effective and selective methoxylation production of alpha-pinene ether products. *Heliyon*, **2021**, 7, e06058	3.6	2
15	Recent advances and future prospects in topical creams from medicinal plants to expedite wound healing: a review. *Biotechnology and Biotechnological Equipment*, **2022**, 36, 81-93	1.6	2
14	Determination of Cadmium Ions Using Schiff-Base Modified Carbon Paste Electrode: A Box-Behnken Design Approach. *Solid State Phenomena*, **2020**, 307, 231-246	0.4	1
13	Ultrasonic-Assisted Extraction of Phalerin from Phaleria macrocarpa: Response Surface Methodology and Artificial Neural Network Modelling. *Arabian Journal for Science and Engineering*, **2020**, 45, 7635-7644	2.5	1
12	A STATISTICAL APPROACH FOR OPTIMIZING THE HIGH YIELD GREEN PRODUCTION OF THE FLAVOR ESTER BUTYL BUTYRATE. *Jurnal Teknologi (Sciences and Engineering)*, **2017**, 79,	1.2	1

11	The Emergence and Impact of Ethylene Scavengers Techniques in Delaying the Ripening of Fruits and Vegetables.. *Membranes*, **2022**, 12,	3.8	1
10	Potassium triiodide enhanced multi-walled carbon nanotubes supported lipase for expediting a greener forensic visualization of wetted fingerprints. *Chemical Papers*, **2021**, 75, 1401-1412	1.9	1
9	Box-Behnken design optimisation of a green novel nanobio-based reagent for rapid visualisation of latent fingerprints on wet, non-porous substrates. *Biotechnology Letters*, **2021**, 43, 881-898	3	1
8	Formulation of roselle extract water-in-oil nanoemulsion for controlled pulmonary delivery. *Journal of Dispersion Science and Technology*,1-12	1.5	1
7	Ananas comosus Peels Extract as a New Natural Cosmetic Ingredient: Oil-in-Water (O/W) Topical Nano Cream Stability and Safety Evaluation. *Evidence-based Complementary and Alternative Medicine*, **2022**, 2022, 1-9	2.3	1
6	Formulation of a stable water-in-oil nanoemulsion rich in anti-diabetic components of the roselle extract for controlled release. *Chemical Papers*, **2022**, 76, 2341	1.9	0
5	analysis of a putative dehalogenase from the genome of halophilic bacterium AAD6T. *Journal of Biomolecular Structure and Dynamics*, **2021**, 1-17	3.6	0
4	Genomic characterization of a dehalogenase-producing bacterium (Bacillus megaterium H2) isolated from hypersaline Lake Tuz (Turkey). *Gene Reports*, **2021**, 25, 101381	1.4	0
3	Effect of storage on viability of lactic acid bacteria and nutritional stability of raw Malaysian Heterotrigona itama honey. *Journal of Physics: Conference Series*, **2020**, 1567, 032039	0.3	
2	Molecular interactions of trichoderma β1,4-glucosidase (ThBglT12) with mycelial cell wall components of phytopathogenic .. *Journal of Biomolecular Structure and Dynamics*, **2022**, 1-17	3.6	
1	Exploring the genome of spp. Sy-1 isolated from honey.. *PeerJ*, **2022**, 10, e13053	3.1	