

Raja Noor Zaliha Raja Abdul Rahman

List of Publications by Year in descending order

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211
papers

5,554
citations

71102

41
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123424

61
g-index

214
all docs

214
docs citations

214
times ranked

5388
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodegradation of hydrocarbons in soil by microbial consortium. <i>International Biodeterioration and Biodegradation</i> , 2004, 54, 61-67.	3.9	367
2	High-yield purification of an organic solvent-tolerant lipase from <i>Pseudomonas</i> sp. strain S5. <i>Analytical Biochemistry</i> , 2005, 341, 267-274.	2.4	128
3	Physical factors affecting the production of organic solvent-tolerant protease by <i>Pseudomonas aeruginosa</i> strain K. <i>Bioresource Technology</i> , 2005, 96, 429-436.	9.6	124
4	Study on response surface methodology (RSM) of lipase-catalyzed synthesis of palm-based wax ester. <i>Enzyme and Microbial Technology</i> , 2005, 37, 739-744.	3.2	121
5	A modeling study by response surface methodology and artificial neural network on culture parameters optimization for thermostable lipase production from a newly isolated thermophilic <i>Geobacillus</i> sp. strain ARM. <i>BMC Biotechnology</i> , 2008, 8, 96.	3.3	120
6	Newly synthesized palm esters for cosmetics industry. <i>Industrial Crops and Products</i> , 2009, 29, 37-44.	5.2	104
7	Application of natural kaolin as support for the immobilization of lipase from <i>Candida rugosa</i> as biocatalyst for effective esterification. <i>Applied Clay Science</i> , 2005, 29, 111-116.	5.2	96
8	Optimization of physical factors affecting the production of thermo-stable organic solvent-tolerant protease from a newly isolated halo tolerant <i>Bacillus subtilis</i> strain Rand. <i>Microbial Cell Factories</i> , 2009, 8, 20.	4.0	94
9	A newly isolated organic solvent tolerant <i>Bacillus sphaericus</i> 205y producing organic solvent-stable lipase. <i>Biochemical Engineering Journal</i> , 2003, 15, 147-151.	3.6	87
10	Response surface methodological study on lipase-catalyzed synthesis of amino acid surfactants. <i>Process Biochemistry</i> , 2004, 39, 1511-1518.	3.7	83
11	Green nano-emulsion intervention for water-soluble glyphosate isopropylamine (IPA) formulations in controlling <i>Eleusine indica</i> (<i>E. indica</i>). <i>Pesticide Biochemistry and Physiology</i> , 2012, 102, 19-29.	3.6	81
12	A thermoalkaliphilic lipase of <i>Geobacillus</i> sp. T1. <i>Extremophiles</i> , 2007, 11, 527-535.	2.3	77
13	Comparison of estimation capabilities of response surface methodology (RSM) with artificial neural network (ANN) in lipase-catalyzed synthesis of palm-based wax ester. <i>BMC Biotechnology</i> , 2007, 7, 53.	3.3	75
14	High level expression and characterization of a novel thermostable, organic solvent tolerant, 1,3-regioselective lipase from <i>Geobacillus</i> sp. strain ARM. <i>Bioresource Technology</i> , 2011, 102, 6972-6981.	9.6	72
15	Novel cation- π interaction revealed by crystal structure of thermoalkaliphilic lipase. <i>Proteins: Structure, Function and Bioinformatics</i> , 2008, 70, 592-598.	2.6	68
16	Isolation and screening of an extracellular organic solvent-tolerant protease producer. <i>Biochemical Engineering Journal</i> , 2003, 13, 73-77.	3.6	66
17	An organic solvent-stable alkaline protease from <i>Pseudomonas aeruginosa</i> strain K: Enzyme purification and characterization. <i>Enzyme and Microbial Technology</i> , 2006, 39, 1484-1491.	3.2	65
18	<i>Geobacillus zalihae</i> sp. nov., a thermophilic lipolytic bacterium isolated from palm oil mill effluent in Malaysia. <i>BMC Microbiology</i> , 2007, 7, 77.	3.3	64

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19	Immobilisation of lipase from <i>Candida rugosa</i> on layered double hydroxides of Mg/Al and its nanocomposite as biocatalyst for the synthesis of ester. <i>Catalysis Today</i> , 2004, 93-95, 405-410.	4.4	62
20	A new organic solvent tolerant protease from <i>Bacillus pumilus</i> 115b. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2007, 34, 509-517.	3.0	62
21	Adaptational properties and applications of cold-active lipases from psychrophilic bacteria. <i>Extremophiles</i> , 2015, 19, 235-247.	2.3	58
22	Characterisation of bacteria isolated from the stingless bee, <i>Heterotrigona itama</i> , honey, bee bread and propolis. <i>PeerJ</i> , 2019, 7, e7478.	2.0	58
23	Enzymatic synthesis of methyl adipate ester using lipase from <i>Candida rugosa</i> immobilised on Mg, Zn and Ni of layered double hydroxides (LDHs). <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2008, 50, 33-39.	1.8	56
24	The Immobilization of Lipases on Porous Support by Adsorption and Hydrophobic Interaction Method. <i>Catalysts</i> , 2020, 10, 744.	3.5	55
25	High Level Expression of Thermostable Lipase from <i>Geobacillus</i> sp. Strain T1. <i>Bioscience, Biotechnology and Biochemistry</i> , 2004, 68, 96-103.	1.3	54
26	Green nanoemulsion laden glyphosate isopropylamine formulation in suppressing creeping foxglove (<i>A. gangetica</i>), slender button weed (<i>D. ocimifolia</i>) and buffalo grass (<i>P. Tj</i>). <i>ETQq 0 0 0 rgBT /Overlook 10 Tf 50 457 Td</i>	1.0	50
27	A new thermostable and organic solvent-tolerant lipase from <i>Aneurinibacillus thermoaerophilus</i> strain HZ. <i>Process Biochemistry</i> , 2013, 48, 169-175.	3.7	53
28	Crystal structure, DNA binding studies, nucleolytic property and topoisomerase I inhibition of zinc complex with 1,10-phenanthroline and 3-methyl-picolinic acid. <i>BioMetals</i> , 2010, 23, 99-118.	4.1	51
29	Isolation, Characterisation, and Lipase Production of a Cold-Adapted Bacterial Strain <i>Pseudomonas</i> sp. LSK25 Isolated from Signy Island, Antarctica. <i>Molecules</i> , 2019, 24, 715.	3.8	51
30	Physicochemical characterization and formation of glyphosate-laden nano-emulsion for herbicide formulation. <i>Industrial Crops and Products</i> , 2012, 36, 607-613.	5.2	50
31	The biology and the importance of <i>Photobacterium</i> species. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 4371-4385.	3.6	50
32	High performance enzymatic synthesis of oleyl oleate using immobilised lipase from <i>Candida antarctica</i> . <i>Electronic Journal of Biotechnology</i> , 2005, 8, 291-298.	2.2	49
33	Cloning and characterization of two new thermostable and alkali-tolerant α -amylases from the <i>Anoxybacillus</i> species that produce high levels of maltose. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2012, 39, 731-741.	3.0	48
34	Cloning, extracellular expression and characterization of a predominant β -CGTase from <i>Bacillus</i> sp. G1 in <i>E. coli</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2008, 35, 1705-1714.	3.0	47
35	Scale-up synthesis of lipase-catalyzed palm esters in stirred-tank reactor. <i>Bioresource Technology</i> , 2008, 99, 6097-6104.	9.6	47
36	Comparison of the estimation capabilities of response surface methodology and artificial neural network for the optimization of recombinant lipase production by <i>E. coli</i> BL21. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2012, 39, 243-254.	3.0	47

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37	An organic solvent-tolerant protease from <i>Pseudomonas aeruginosa</i> strain K. <i>Enzyme and Microbial Technology</i> , 2005, 36, 749-757.	3.2	46
38	A novel organic solvent tolerant lipase from <i>Bacillus sphaericus</i> 205y: Extracellular expression of a novel OST-lipase gene. <i>Protein Expression and Purification</i> , 2006, 49, 190-195.	1.3	46
39	Optimization of lipase-catalyzed synthesis of xylitol ester by Taguchi robust design method. <i>Industrial Crops and Products</i> , 2010, 31, 350-356.	5.2	46
40	Biocatalytic production of lactose ester catalysed by mica-based immobilised lipase. <i>Food Chemistry</i> , 2012, 131, 199-205.	8.2	45
41	A Newly Isolated Thermostable Lipase from <i>Bacillus</i> sp.. <i>International Journal of Molecular Sciences</i> , 2011, 12, 2917-2934.	4.1	44
42	A potential tocopherol acetate loaded palm oil esters-in-water nanoemulsions for nanocosmeceuticals. <i>Journal of Nanobiotechnology</i> , 2010, 8, 4.	9.1	42
43	Biological and cytoselective anticancer properties of copper(II)-polypyridyl complexes modulated by auxiliary methylated glycine ligand. <i>BioMetals</i> , 2012, 25, 1061-1081.	4.1	41
44	Secretory expression in <i>Escherichia coli</i> and single-step purification of a heat-stable alkaline protease. <i>Protein Expression and Purification</i> , 2003, 28, 63-68.	1.3	40
45	Application of Artificial Neural Network for Yield Prediction of Lipase-Catalyzed Synthesis of Dioctyl Adipate. <i>Applied Biochemistry and Biotechnology</i> , 2009, 158, 722-735.	2.9	39
46	Polyunsaturated fatty acids in marine bacteria and strategies to enhance their production. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 5811-5826.	3.6	38
47	Ternary copper(ii)-polypyridyl enantiomers: aldol-type condensation, characterization, DNA-binding recognition, BSA-binding and anticancer property. <i>Dalton Transactions</i> , 2013, 42, 10233.	3.3	37
48	Self-assembly behaviour of alkylpolyglucosides (APG) in mixed surfactant-stabilized emulsions system. <i>Journal of Molecular Liquids</i> , 2011, 158, 175-181.	4.9	36
49	Improvement of Thermal Stability via Outer-Loop Ion Pair Interaction of Mutated T1 Lipase from <i>Geobacillus zalihae</i> Strain T1. <i>International Journal of Molecular Sciences</i> , 2012, 13, 943-960.	4.1	36
50	Optimization of the enzyme-catalyzed synthesis of amino acid-based surfactants from palm oil fractions. <i>Journal of Bioscience and Bioengineering</i> , 2003, 95, 361-367.	2.2	35
51	Secretory expression and characterization of a highly Ca ²⁺ -activated thermostable L2 lipase. <i>Protein Expression and Purification</i> , 2009, 68, 161-166.	1.3	35
52	Phase Behaviour and Formation of Fatty Acid Esters Nanoemulsions Containing Piroxicam. <i>AAPS PharmSciTech</i> , 2013, 14, 456-463.	3.3	35
53	Cold-adapted organic solvent tolerant alkalophilic family I.3 lipase from an Antarctic <i>Pseudomonas</i> . <i>International Journal of Biological Macromolecules</i> , 2016, 92, 1266-1276.	7.5	35
54	Main Structural Targets for Engineering Lipase Substrate Specificity. <i>Catalysts</i> , 2020, 10, 747.	3.5	35

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55	Optimized lipase-catalyzed synthesis of adipate ester in a solvent-free system. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2009, 36, 1149-1155.	3.0	34
56	Alcoholysis of palm oil mid-fraction by lipase from <i>Rhizopus rhizopodiformis</i> . <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 1997, 74, 113-116.	1.9	33
57	Optimization of Palm-Based Wax Esters Production Using Statistical Experimental Designs. <i>Journal of Oleo Science</i> , 2005, 54, 519-528.	1.4	33
58	Unlocking the mystery behind the activation phenomenon of T1 lipase: A molecular dynamics simulations approach. <i>Protein Science</i> , 2012, 21, 1210-1221.	7.6	33
59	Protein engineering of selected residues from conserved sequence regions of a novel <i>Anoxybacillus</i> α -amylase. <i>Scientific Reports</i> , 2014, 4, 5850.	3.3	33
60	Improving the Efficiency of New Automatic Dishwashing Detergent Formulation by Addition of Thermostable Lipase, Protease and Amylase. <i>Molecules</i> , 2017, 22, 1577.	3.8	33
61	Microbial Biodegradation of Paraffin Wax in Malaysian Crude Oil Mediated by Degradative Enzymes. <i>Frontiers in Microbiology</i> , 2020, 11, 565608.	3.5	33
62	Improved enzymatic galactose oleate ester synthesis in ionic liquids. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2012, 76, 37-43.	1.8	32
63	Modeling and optimization of lipase-catalyzed synthesis of dilauryl adipate ester by response surface methodology. <i>Journal of Chemical Technology and Biotechnology</i> , 2008, 83, 1534-1540.	3.2	31
64	Analysis of Comparative Sequence and Genomic Data to Verify Phylogenetic Relationship and Explore a New Subfamily of Bacterial Lipases. <i>PLoS ONE</i> , 2016, 11, e0149851.	2.5	31
65	Immobilization of Lipase From <i>Candida rugosa</i> on Layered Double Hydroxides for Esterification Reaction. <i>Applied Biochemistry and Biotechnology</i> , 2004, 118, 313-320.	2.9	29
66	Enzymatic production of a solvent-free menthyl butyrate via response surface methodology catalyzed by a novel thermostable lipase from <i>Geobacillus zalihae</i> . <i>Biotechnology and Biotechnological Equipment</i> , 2014, 28, 1065-1072.	1.3	29
67	Cloning, expression and characterization of a novel cold-adapted GDSL family esterase from <i>Photobacterium</i> sp. strain J15. <i>Extremophiles</i> , 2016, 20, 45-55.	2.3	29
68	The Role of Solvent-Accessible Leu-208 of Cold-Active <i>Pseudomonas fluorescens</i> Strain AMS8 Lipase in Interfacial Activation, Substrate Accessibility and Low-Molecular Weight Esterification in the Presence of Toluene. <i>Molecules</i> , 2017, 22, 1312.	3.8	28
69	Production of L2 lipase by <i>Bacillus</i> sp. strain L2: nutritional and physical factors. <i>Journal of Basic Microbiology</i> , 2007, 47, 406-412.	3.3	27
70	The effects of reaction conditions on the production of β -cyclodextrin from tapioca starch by using a novel recombinant engineered CGTase. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2007, 49, 118-126.	1.8	27
71	A predominant β -CGTase G1 engineered to elucidate the relationship between protein structure and product specificity. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2009, 57, 270-277.	1.8	27
72	Molecular Cloning and Optimization for High Level Expression of Cold-Adapted Serine Protease from Antarctic Yeast <i>Glaciozyma antarctica</i> PI12. <i>Enzyme Research</i> , 2014, 2014, 1-20.	1.8	27

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73	Immobilization of an Antarctic Pseudomonas AMS8 Lipase for Low Temperature Ethyl Hexanoate Synthesis. <i>Catalysts</i> , 2018, 8, 234.	3.5	27
74	Large Scale Production of Liquid Wax Ester by Immobilized Lipase. <i>Journal of Oleo Science</i> , 2005, 54, 203-209.	1.4	26
75	New Recombinant Cold-Adapted and Organic Solvent Tolerant Lipase from Psychrophilic Pseudomonas sp. LSK25, Isolated from Signy Island Antarctica. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1264.	4.1	26
76	Thermostability engineering of industrial enzymes through structure modification. <i>Applied Microbiology and Biotechnology</i> , 2022, 106, 4845-4866.	3.6	26
77	Secretory expression of thermostable T1 lipase through bacteriocin release protein. <i>Protein Expression and Purification</i> , 2005, 40, 411-416.	1.3	25
78	Factors affecting the nucleolytic cleavage of DNA by (N,Nâ€™-ethylenediaminediacetato)metal(II) complexes, M(edda). Crystal structure of Co(edda). <i>Polyhedron</i> , 2006, 25, 3118-3126.	2.2	25
79	Self-assembly formation of palm-based esters nano-emulsion: A molecular dynamics study. <i>Chemical Physics Letters</i> , 2009, 480, 220-224.	2.6	25
80	Molecular Dynamic Simulation of Space and Earth-Grown Crystal Structures of Thermostable T1 Lipase <i>Geobacillus zalihae</i> Revealed a Better Structure. <i>Molecules</i> , 2017, 22, 1574.	3.8	25
81	A unique thermostable and organic solvent tolerant lipase from newly isolated <i>Aneurinibacillus thermoaerophilus</i> strain HZ: physical factor studies. <i>World Journal of Microbiology and Biotechnology</i> , 2010, 26, 1693-1701.	3.6	24
82	Factors affecting nucleolytic efficiency of some ternary metal complexes with DNA binding and recognition domains. Crystal and molecular structure of Zn(phen)(edda). <i>Journal of Inorganic Biochemistry</i> , 2008, 102, 1997-2011.	3.5	23
83	Production of highly enantioselective (âˆ-)menthyl butyrate using <i>Candida rugosa</i> lipase immobilized on epoxy-activated supports. <i>Food Chemistry</i> , 2008, 106, 437-443.	8.2	23
84	Silylation of mica for lipase immobilization as biocatalysts in esterification. <i>Applied Clay Science</i> , 2010, 47, 276-282.	5.2	23
85	Secretory expression of thermostable alkaline protease from <i>Bacillus stearothermophilus</i> ; Fl by using native signal peptide and σ -factor secretion signal in <i>Pichia pastoris</i> . <i>Genes and Genetic Systems</i> , 2013, 88, 85-91.	0.7	23
86	Cold-Adapted RTX Lipase from Antarctic Pseudomonas sp. Strain AMS8: Isolation, Molecular Modeling and Heterologous Expression. <i>Protein Journal</i> , 2013, 32, 317-325.	1.6	22
87	Optimization of lipase-catalyzed synthesis of palm amino acid surfactant using response surface methodology (RSM). <i>Industrial Crops and Products</i> , 2009, 30, 206-211.	5.2	21
88	High yield lipase-catalyzed synthesis of Engkabang fat esters for the cosmetic industry. <i>Bioresource Technology</i> , 2011, 102, 2168-2176.	9.6	21
89	Solution Structures, Dynamics, and Ice Growth Inhibitory Activity of Peptide Fragments Derived from an Antarctic Yeast Protein. <i>PLoS ONE</i> , 2012, 7, e49788.	2.5	21
90	Structural Adaptation of Cold-Active RTX Lipase from <i>Pseudomonas</i> sp. Strain AMS8 Revealed via Homology and Molecular Dynamics Simulation Approaches. <i>BioMed Research International</i> , 2013, 2013, 1-9.	1.9	20

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91	Primary recovery of thermostable lipase 42 derived from recombinant <i>Escherichia coli</i> BL21 in aqueous two-phase flotation. <i>Separation and Purification Technology</i> , 2014, 133, 328-334.	7.9	20
92	An integrated overview of bacterial carboxylesterase: Structure, function and biocatalytic applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 205, 111882.	5.0	20
93	Lid opening and conformational stability of T1 Lipase is mediated by increasing chain length polar solvents. <i>PeerJ</i> , 2017, 5, e3341.	2.0	20
94	Characterization and solvent stable features of Strep-tagged purified recombinant lipase from thermostable and solvent tolerant <i>Bacillus sp.</i> strain 42. <i>Annals of Microbiology</i> , 2009, 59, 111-118.	2.6	19
95	Effect of alcohol chain length on the optimum conditions for lipase-catalyzed synthesis of adipate esters. <i>Biocatalysis and Biotransformation</i> , 2009, 27, 303-308.	2.0	19
96	Chemometric analysis of lipase-catalyzed synthesis of xylitol esters in a solvent-free system. <i>Carbohydrate Research</i> , 2011, 346, 472-479.	2.3	19
97	Versatility of subtilisin: A review on structure, characteristics, and applications. <i>Biotechnology and Applied Biochemistry</i> , 2022, 69, 2599-2616.	3.1	19
98	Application of advanced materials as support for immobilisation of lipase from <i>Candida rugosa</i> . <i>Biocatalysis and Biotransformation</i> , 2005, 23, 233-239.	2.0	18
99	Combination of Oxyanion Gln114 Mutation and Medium Engineering to Influence the Enantioselectivity of Thermophilic Lipase from <i>Geobacillus zalihae</i> . <i>International Journal of Molecular Sciences</i> , 2012, 13, 11666-11680.	4.1	18
100	Unscrambling the Effect of C-Terminal Tail Deletion on the Stability of a Cold-Adapted, Organic Solvent Stable Lipase from <i>Staphylococcus epidermidis</i> AT2. <i>Molecular Biotechnology</i> , 2014, 56, 747-757.	2.4	18
101	Toluene promotes lid 2 interfacial activation of cold active solvent tolerant lipase from <i>Pseudomonas fluorescens</i> strain AMS8. <i>Journal of Molecular Graphics and Modelling</i> , 2016, 68, 224-235.	2.4	18
102	The Effect of N-Terminal Domain Removal towards the Biochemical and Structural Features of a Thermotolerant Lipase from an Antarctic <i>Pseudomonas sp.</i> Strain AMS3. <i>International Journal of Molecular Sciences</i> , 2018, 19, 560.	4.1	18
103	Changes of Thermostability, Organic Solvent, and pH Stability in <i>Geobacillus zalihae</i> HT1 and Its Mutant by Calcium Ion. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2561.	4.1	18
104	Insight into Improved Thermostability of Cold-Adapted Staphylococcal Lipase by Glycine to Cysteine Mutation. <i>Molecules</i> , 2019, 24, 3169.	3.8	17
105	Characterisation and molecular dynamic simulations of J15 asparaginase from <i>Photobacterium sp.</i> strain J15.. <i>Acta Biochimica Polonica</i> , 2014, 61, .	0.5	17
106	Engineering catalytic efficiency of thermophilic lipase from <i>Geobacillus zalihae</i> ; by hydrophobic residue mutation near the catalytic pocket. <i>Advances in Bioscience and Biotechnology (Print)</i> , 2012, 03, 158-167.	0.7	17
107	Optimisation study of large-scale enzymatic synthesis of oleyl oleate, a liquid wax ester, by response surface methodology. <i>Journal of Chemical Technology and Biotechnology</i> , 2006, 81, 374-380.	3.2	16
108	Expression of an Organic Solvent Stable Lipase from <i>Staphylococcus epidermidis</i> AT2. <i>International Journal of Molecular Sciences</i> , 2010, 11, 3195-3208.	4.1	16

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109	Enzymatic Properties and Mutational Studies of Chalcone Synthase from <i>Physcomitrella patens</i> . <i>International Journal of Molecular Sciences</i> , 2012, 13, 9673-9691.	4.1	16
110	Formulation development and optimization of palm kernel oil esters-based nanoemulsions containing sodium diclofenac. <i>International Journal of Nanomedicine</i> , 2014, 9, 539.	6.7	16
111	Expression and Characterization of <i>Geobacillus stearothermophilus</i> SR74 Recombinant α -Amylase in <i>Pichia pastoris</i> . <i>BioMed Research International</i> , 2015, 2015, 1-9.	1.9	16
112	Directed Evolution of Recombinant C-Terminal Truncated <i>Staphylococcus epidermidis</i> Lipase AT2 for the Enhancement of Thermostability. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2202.	4.1	16
113	Expression and characterization of thermotolerant lipase with broad pH profiles isolated from an Antarctic <i>Pseudomonas</i> sp strain AMS3. <i>PeerJ</i> , 2016, 4, e2420.	2.0	16
114	Newly Isolated Alkane Hydroxylase and Lipase Producing <i>Geobacillus</i> and <i>Anoxybacillus</i> Species Involved in Crude Oil Degradation. <i>Catalysts</i> , 2020, 10, 851.	3.5	15
115	A comparative study of extraction techniques for maximum recovery of glutamate decarboxylase (GAD) from <i>Aspergillus oryzae</i> NSK. <i>BMC Research Notes</i> , 2013, 6, 526.	1.4	14
116	A New Cold-Adapted, Organic Solvent Stable Lipase from Mesophilic <i>Staphylococcus epidermidis</i> AT2. <i>Protein Journal</i> , 2014, 33, 296-307.	1.6	14
117	Gamma-tocotrienol acts as a BH3 mimetic to induce apoptosis in neuroblastoma SH-SY5Y cells. <i>Journal of Nutritional Biochemistry</i> , 2016, 31, 28-37.	4.2	14
118	The Effects of One Amino Acid Substitutions at the C-Terminal Region of Thermostable L2 Lipase by Computational and Experimental Approach. <i>Molecular Biotechnology</i> , 2018, 60, 1-11.	2.4	14
119	Biochemical and Structural Characterization of Cross-Linked Enzyme Aggregates (CLEAs) of Organic Solvent Tolerant Protease. <i>Catalysts</i> , 2020, 10, 55.	3.5	14
120	Expression, Characterisation and Homology Modelling of a Novel Hormone-Sensitive Lipase (HSL)-Like Esterase from <i>Glaciozyma antarctica</i> . <i>Catalysts</i> , 2020, 10, 58.	3.5	14
121	Molecular dynamics simulation of oleyl oleate swollen micelles system. <i>Molecular Simulation</i> , 2010, 36, 403-407.	2.0	13
122	A multivariate modeling for analysis of factors controlling the particle size and viscosity in palm kernel oil esters-based nanoemulsions. <i>Industrial Crops and Products</i> , 2014, 52, 506-511.	5.2	13
123	Heterologous Expression of PA8FAD9 and Functional Characterization of a Δ^9 -Fatty Acid Desaturase from a Cold-Tolerant <i>Pseudomonas</i> sp. A8. <i>Molecular Biotechnology</i> , 2016, 58, 718-728.	2.4	13
124	Optimization and in Silico Analysis of a Cold-Adapted Lipase from an Antarctic <i>Pseudomonas</i> sp. Strain AMS8 Reaction in Triton X-100 Reverse Micelles. <i>Catalysts</i> , 2018, 8, 289.	3.5	13
125	Molecular Cloning and Functional Expression of a Δ^9 - Fatty Acid Desaturase from an Antarctic <i>Pseudomonas</i> sp. A3. <i>PLoS ONE</i> , 2016, 11, e0160681.	2.5	13
126	Ancestral sequence reconstruction of ancient lipase from family L3 bacterial lipolytic enzymes. <i>Molecular Phylogenetics and Evolution</i> , 2022, 168, 107381.	2.7	13

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127	Purification and Characterisation of an F16L Mutant of a Thermostable Lipase. <i>Protein Journal</i> , 2012, 31, 229-237.	1.6	12
128	Cyanobacterial aldehyde deformylating oxygenase: Structure, function, and potential in biofuels production. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 3155-3162.	7.5	12
129	Locally isolated yeasts from Malaysia: identification, phylogenetic study and characterization.. <i>Acta Biochimica Polonica</i> , 2012, 59, .	0.5	12
130	Kinetics of Enzymatic Synthesis of Liquid Wax Ester from Oleic Acid and Oleyl Alcohol. <i>Journal of Oleo Science</i> , 2010, 59, 127-134.	1.4	11
131	Organic solvent stability of elastase strain K overexpressed in an <i>Escherichia coli</i> - <i>Pseudomonas</i> expression system. <i>Biotechnology and Applied Biochemistry</i> , 2010, 57, 1-7.	3.1	11
132	Role of α -Helical Structure in Organic Solvent-Activated Homodimer of Elastase Strain K. <i>International Journal of Molecular Sciences</i> , 2011, 12, 5797-5814.	4.1	11
133	Crystallization and structure elucidation of GDSL esterase of <i>Photobacterium</i> sp. J15. <i>International Journal of Biological Macromolecules</i> , 2018, 119, 1188-1194.	7.5	11
134	Effects of Lid 1 Mutagenesis on Lid Displacement, Catalytic Performances and Thermostability of Cold-active <i>Pseudomonas</i> AMS8 Lipase in Toluene. <i>Computational and Structural Biotechnology Journal</i> , 2019, 17, 215-228.	4.1	11
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