Yong-Hua Wang

List of Publications by Citations

157 papers	2,672 citations	27 h-index	43 g-index
164 ext. papers	3,268 ext. citations	4.9 avg, IF	5.46 L-index

#	Paper	IF	Citations
157	Biocatalytic Oxidation Reactions: A Chemist's Perspective. *Angewandte Chemie - International Edition*, **2018**, 57, 9238-9261	16.4	229
156	Peroxygenases en route to becoming dream catalysts. What are the opportunities and challenges?. *Current Opinion in Chemical Biology*, **2017**, 37, 1-9	9.7	155
155	The Lid Domain in Lipases: Structural and Functional Determinant of Enzymatic Properties. *Frontiers in Bioengineering and Biotechnology*, **2017**, 5, 16	5.8	150
154	One-step synthesis of high-yield biodiesel from waste cooking oils by a novel and highly methanol-tolerant immobilized lipase. *Bioresource Technology*, **2017**, 235, 18-24	11	78
153	Optimization of enzymatic degumming process for rapeseed oil. *JAOCS, Journal of the American Oil ChemistspSociety*, **2006**, 83, 653-658	1.8	71
152	A functional natural deep eutectic solvent based on trehalose: Structural and physicochemical properties. *Food Chemistry*, **2017**, 217, 560-567	8.5	64
151	The application of ultrasound and microwave to increase oil extraction from Moringa oleifera seeds. *Industrial Crops and Products*, **2018**, 120, 1-10	5.9	61
150	Crystal structure of a mono- and diacylglycerol lipase from Malassezia globosa reveals a novel lid conformation and insights into the substrate specificity. *Journal of Structural Biology*, **2012**, 178, 363-9	3.4	52
149	Chemoenzymatic epoxidation of alkenes with Candida antarctica lipase B and hydrogen peroxide in deep eutectic solvents. *RSC Advances*, **2017**, 7, 12518-12523	3.7	51
148	Establishment of an evaluation model for human milk fat substitutes. *Journal of Agricultural and Food Chemistry*, **2010**, 58, 642-9	5.7	49
147	Enzymatic selective synthesis of 1,3-DAG based on deep eutectic solvent acting as substrate and solvent. *Bioprocess and Biosystems Engineering*, **2015**, 38, 2053-61	3.7	43
146	Production of extremely pure diacylglycerol from soybean oil by lipase-catalyzed glycerolysis. *Enzyme and Microbial Technology*, **2011**, 49, 192-6	3.8	42
145	Identification and Evaluation of Inhibitors of Lipase from using Virtual High-Throughput Screening and Molecular Dynamics Studies. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	42
144	Enzymatic Production of Monoacylglycerols with Camellia Oil by the Glycerolysis Reaction. *JAOCS, Journal of the American Oil ChemistspSociety*, **2010**, 87, 531-537	1.8	39
143	Furan fatty acids - Beneficial or harmful to health?. *Progress in Lipid Research*, **2017**, 68, 119-137	14.3	36
142	Production of lipase SMG1 and its application in synthesizing diacylglyecrol. *Journal of Molecular Catalysis B: Enzymatic*, **2012**, 77, 87-91		36
141	A novel cold-active lipase from Candida albicans: cloning, expression and characterization of the recombinant enzyme. *International Journal of Molecular Sciences*, **2011**, 12, 3950-65	6.3	35

140	Screening and characterization of a thermostable lipase from marine Streptomyces sp. strain W007. *Biotechnology and Applied Biochemistry*, **2016**, 63, 41-50	2.8	35
139	Deep Eutectic Solvents Enable More Robust Chemoenzymatic Epoxidation Reactions. *ChemCatChem*, **2017**, 9, 934-936	5.2	34
138	A process for the synthesis of PUFA-enriched triglycerides from high-acid crude fish oil. *Journal of Food Engineering*, **2012**, 109, 366-371	6	32
137	Production, purification and application of polysaccharide-based bioflocculant by Paenibacillus mucilaginosus. *Carbohydrate Polymers*, **2014**, 113, 463-70	10.3	31
136	Crystal structure of a lipase from Streptomyces sp. strain W007 - implications for thermostability and regiospecificity. *FEBS Journal*, **2017**, 284, 3506-3519	5.7	31
135	Hydrolysis of soybean oil to produce diacylglycerol by a lipase from Rhizopus oryzae. *Journal of Molecular Catalysis B: Enzymatic*, **2015**, 115, 43-50		31
134	Effects of organic solvents on activity and conformation of recombinant Candida antarctica lipase A produced by Pichia pastoris. *Process Biochemistry*, **2012**, 47, 533-537	4.8	29
133	Immobilized MAS1 lipase showed high esterification activity in the production of triacylglycerols with n-3 polyunsaturated fatty acids. *Food Chemistry*, **2017**, 216, 260-7	8.5	29
132	Site-directed mutagenesis studies of the aromatic residues at the active site of a lipase from Malassezia globosa. *Biochimie*, **2014**, 102, 29-36	4.6	29
131	Natural Deep Eutectic Solvents as Multifunctional Media for the Valorization of Agricultural Wastes. *ChemSusChem*, **2019**, 12, 1310-1315	8.3	27
130	Immobilization of SMG1-F278N lipase onto a novel epoxy resin: Characterization and its application in synthesis of partial glycerides. *Journal of Molecular Catalysis B: Enzymatic*, **2016**, 133, 154-160		27
129	Physical properties and stability evaluation of fish oil-in-water emulsions stabilized using thiol-modified β-lactoglobulin fibrils-chitosan complex. *Food Research International*, **2018**, 105, 482-491	7	23
128	Shotgun Lipidomics Revealed Altered Profiles of Serum Lipids in Systemic Lupus Erythematosus Closely Associated with Disease Activity. *Biomolecules*, **2018**, 8,	5.9	23
127	New insights on unspecific peroxygenases: superfamily reclassification and evolution. *BMC Evolutionary Biology*, **2019**, 19, 76	3	22
126	Enhancing production of lipase MAS1 from marine Streptomyces sp. strain in Pichia pastoris by chaperones co-expression. *Electronic Journal of Biotechnology*, **2016**, 22, 62-67	3.1	22
125	Photoenzymatic Production of Next Generation Biofuels from Natural Triglycerides Combining a Hydrolase and a Photodecarboxylase. *ChemPhotoChem*, **2020**, 4, 39-44	3.3	22
124	Fatty acid specificity of T1 lipase and its potential in acylglycerol synthesis. *Journal of the Science of Food and Agriculture*, **2014**, 94, 1614-21	4.3	21
123	Biochemical properties of a new cold-active mono- and diacylglycerol lipase from marine member Janibacter sp. strain HTCC2649. *International Journal of Molecular Sciences*, **2014**, 15, 10554-66	6.3	21

122	Molecular basis for substrate selectivity of a mono- and diacylglycerol lipase from Malassezia globosa. *Biochemical and Biophysical Research Communications*, **2012**, 424, 285-9	3.4	21
121	Enzymatic synthesis of phytosterol esters catalyzed by Candida rugosa lipase in water-in-[Bmim]PF6 microemulsion. *Bioprocess and Biosystems Engineering*, **2015**, 38, 939-46	3.7	20
120	Simplified Enzymatic Upgrading of High-Acid Rice Bran Oil Using Ethanol as a Novel Acyl Acceptor. *Journal of Agricultural and Food Chemistry*, **2016**, 64, 6730-7	5.7	20
119	Production of structured phosphatidylcholine with high content of DHA/EPA by immobilized phospholipase A□catalyzed transesterification. *International Journal of Molecular Sciences*, **2014**, 15, 15244-58	6.3	20
118	□Oryzanol nanoemulsions produced by a low-energy emulsification method: an evaluation of process parameters and physicochemical stability. *Food and Function*, **2017**, 8, 2202-2211	6.1	19
117	Production of Diacylglycerol-Mixture of Regioisomers with High Purity by Two-Step Enzymatic Reactions Combined with Molecular Distillation. *JAOCS, Journal of the American Oil Chemistsp Society*, **2014**, 91, 251-259	1.8	19
116	Deep eutectic solvents as performance additives in biphasic reactions. *RSC Advances*, **2017**, 7, 40367-40370	3.9	18
115	1,3-Dioleoyl-2-palmitoylglycerol-rich human milk fat substitutes: Production, purification, characterization and modeling of the formulation. *European Journal of Lipid Science and Technology*, **2014**, 116, 282-290	3	18
114	Chemoenzymatic Halocyclization of □Unsaturated Carboxylic Acids and Alcohols. *ChemSusChem*, **2020**, 13, 97-101	8.3	18
113	Biocatalytic synthesis of lactones and lactams. *Chemistry - an Asian Journal*, **2018**, 13, 3601-3610	4.5	18
112	A Thermostable Monoacylglycerol Lipase from Marine sp. 12AMOR1: Biochemical Characterization and Mutagenesis Study. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	17
111	Evolution of the diacylglycerol lipases. *Progress in Lipid Research*, **2016**, 64, 85-97	14.3	17
110	A Novel Process for the Synthesis of Highly Pure n-3 Polyunsaturated Fatty Acid (PUFA)-Enriched Triglycerides by Combined Transesterification and Ethanolysis. *Journal of Agricultural and Food Chemistry*, **2016**, 64, 6533-8	5.7	17
109	Immobilization of lipase SMG1 and its application in synthesis of partial glycerides. *European Journal of Lipid Science and Technology*, **2014**, 116, 1063-1069	3	17
108	Typoselectivity of Crude Geobacillus sp. T1 Lipase Fused with a Cellulose-Binding Domain and Its Use in the Synthesis of Structured Lipids. *JAOCS, Journal of the American Oil ChemistspSociety*, **2014**, 91, 55-62	1.8	16
107	Synthesis of structured lipids by lipase-catalyzed interesterification of triacetin with camellia oil methyl esters and preliminary evaluation of their plasma lipid-lowering effect in mice. *Molecules*, **2013**, 18, 3733-44	4.8	16
106	Lipase-Driven Epoxidation Is A Two-Stage Synergistic Process. *ChemistrySelect*, **2016**, 1, 836-839	1.8	16
105	Engineering a lipase B from Candida antactica with efficient perhydrolysis performance by eliminating its hydrolase activity. *Scientific Reports*, **2017**, 7, 44599	4.9	15

104	Conversion of a Mono- and Diacylglycerol Lipase into a Triacylglycerol Lipase by Protein Engineering. *ChemBioChem*, **2015**, 16, 1431-4	3.8	15
103	Synthesis of DHA/EPA-rich phosphatidylcholine by immobilized phospholipase A1: effect of water addition and vacuum condition. *Bioprocess and Biosystems Engineering*, **2016**, 39, 1305-14	3.7	15
102	Enzymatic hydrolysis of palm stearin to produce diacylglycerol with a highly thermostable lipase. *European Journal of Lipid Science and Technology*, **2013**, 115, 564-570	3	15
101	How To Break the Janus Effect of H2O2 in Biocatalysis? Understanding Inactivation Mechanisms To Generate more Robust Enzymes. *ACS Catalysis*, **2019**, 9, 2916-2921	13.1	15
100	Residue Asn277 affects the stability and substrate specificity of the SMG1 lipase from Malassezia globosa. *International Journal of Molecular Sciences*, **2015**, 16, 7273-88	6.3	14
99	Biochemical properties and structure analysis of a DAG-Like lipase from Malassezia globosa. *International Journal of Molecular Sciences*, **2015**, 16, 4865-79	6.3	14
98	A novel and highly efficient approach for the production of biodiesel from high-acid content waste cooking oil. *Catalysis Communications*, **2017**, 102, 76-80	3.2	14
97	Biochemical properties of recombinant leucine aminopeptidase II from Bacillus stearothermophilus and potential applications in the hydrolysis of Chinese anchovy (Engraulis japonicus) proteins. *Journal of Agricultural and Food Chemistry*, **2012**, 60, 165-72	5.7	14
96	Lipase-catalyzed incorporation of different Fatty acids into tripalmitin-enriched triacylglycerols: effect of reaction parameters. *Journal of Agricultural and Food Chemistry*, **2012**, 60, 2377-84	5.7	14
95	A highly efficient immobilized MAS1 lipase for the glycerolysis reaction of n-3 PUFA-rich ethyl esters. *Journal of Molecular Catalysis B: Enzymatic*, **2016**, 134, 25-31		14
94	Enantioselective Sulfoxidation of Thioanisole by Cascading a Choline Oxidase and a Peroxygenase in the Presence of Natural Deep Eutectic Solvents. *ChemPlusChem*, **2020**, 85, 254-257	2.8	13
93	Enzymatic synthesis of extremely pure triacylglycerols enriched in conjugated linoleic acids. *Molecules*, **2013**, 18, 9704-16	4.8	13
92	Structure of product-bound SMG1 lipase: active site gating implications. *FEBS Journal*, **2015**, 282, 4538-47	5.7	13
91	Enzymatic Synthesis of Diacylglycerols Enriched with Conjugated Linoleic Acid by a Novel Lipase from Malassezia globosa. *JAOCS, Journal of the American Oil ChemistspSociety*, **2012**, 89, 1259	1.8	13
90	Immobilized Talaromyces thermophilus lipase as an efficient catalyst for the production of LML-type structured lipids. *Bioprocess and Biosystems Engineering*, **2019**, 42, 321-329	3.7	13
89	High-level expression of thermophilic lipase in via combined strategies. *3 Biotech*, **2019**, 9, 62	2.8	12
88	A two-stage enzymatic process for synthesis of extremely pure high oleic glycerol monooleate. *Enzyme and Microbial Technology*, **2011**, 48, 143-7	3.8	12
87	Natural Deep Eutectic Solvents as Performance Additives for Peroxygenase Catalysis. *ChemCatChem*, **2020**, 12, 989-994	5.2	12

86	A mechanistic study into the epoxidation of carboxylic acid and alkene in a mono, di-acylglycerol lipase. *Biochemical and Biophysical Research Communications*, **2015**, 460, 392-6	3.4	11
85	Production of fatty alcohols from non-edible oils by enzymatic cascade reactions. *Sustainable Energy and Fuels*, **2020**, 4, 4232-4237	5.8	11
84	Enzymatic fractionation of conjugated linoleic acid isomers by selective esterification. *Journal of Molecular Catalysis B: Enzymatic*, **2007**, 46, 20-25		11
83	Comprehensive Identification of Principal Lipid Classes and Tocochromanols in Silkworm (Antheraea pernyi and Bombyx mori) Pupae Oils. *European Journal of Lipid Science and Technology*, **2020**, 122, 1900280	3	11
82	An Innovative Deacidification Approach for Producing Partial Glycerides-Free Rice Bran Oil. *Food and Bioprocess Technology*, **2017**, 10, 1154-1161	5.1	10
81	A Thermolabile Phospholipase B from GD-0079: Biochemical Characterization and Structure Dynamics Study. *Biomolecules*, **2020**, 10,	5.9	10
80	Enhancing HO resistance of an esterase from Pyrobaculum calidifontis by structure-guided engineering of the substrate binding site. *Applied Microbiology and Biotechnology*, **2017**, 101, 5689-5697	5.7	10
79	Novel inhibitor against Malassezia globosa LIP1 (SMG1), a potential anti-dandruff target. *Bioorganic and Medicinal Chemistry Letters*, **2015**, 25, 3464-7	2.9	9
78	Oligomer-dependent and -independent chaperone activity of sHsps in different stressed conditions. *FEBS Open Bio*, **2015**, 5, 155-62	2.7	9
77	Recombinant Lipase from Gibberella zeae Exhibits Broad Substrate Specificity: A Comparative Study on Emulsified and Monomolecular Substrate. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	9
76	Production and immobilization of lipase PCL and its application in synthesis of □inolenic acid-rich diacylglycerol. *Journal of Food Biochemistry*, **2018**, 42, e12574	3.3	9
75	Rational Design of an Artificial Nuclease by Engineering a Hetero-Dinuclear Center of Mg-Heme in Myoglobin. *ACS Catalysis*, **2020**, 10, 14359-14365	13.1	9
74	High-level expression of thermo-alkaline lipase in under the control of different promoters. *3 Biotech*, **2019**, 9, 33	2.8	9
73	Optimized Extraction of Total Triterpenoids from Jujube (Mill.) and Comprehensive Analysis of Triterpenic Acids in Different Cultivars. *Plants*, **2020**, 9,	4.5	9
72	Site-directed mutagenesis studies of hydrophobic residues in the lid region of T1 lipase. *European Journal of Lipid Science and Technology*, **2017**, 119, 1600107	3	8
71	Rapid assessment of total MCPD esters in palm-based cooking oil using ATR-FTIR application and chemometric analysis. *Talanta*, **2019**, 198, 215-223	6.2	8
70	Sequence-based proline incorporation improves the thermostability of Candida albicans lipase Lip5. *European Journal of Lipid Science and Technology*, **2016**, 118, 821-826	3	8
69	A □ridge-like□tructure responsible for the substrate selectivity of mono- and diacylglycerol lipase from Aspergillus oryzae. *Journal of Molecular Catalysis B: Enzymatic*, **2013**, 97, 144-149		8

68	Optimal production and biochemical properties of a lipase from Candida albicans. *International Journal of Molecular Sciences*, **2011**, 12, 7216-37	6.3	8
67	Malassezia globosa MgMDL2 lipase: Crystal structure and rational modification of substrate specificity. *Biochemical and Biophysical Research Communications*, **2017**, 488, 259-265	3.4	7
66	Immobilization of Candida antarctica Lipase B Onto ECR1030 Resin and its Application in the Synthesis of n-3 PUFA-Rich Triacylglycerols. *European Journal of Lipid Science and Technology*, **2017**, 119, 1700266	3	7
65	Efficient purification of native recombinant proteins using proteases immobilized on cellulose. *Journal of Bioscience and Bioengineering*, **2012**, 113, 542-4	3.3	7
64	Control of sticky deposits in wastepaper recycling with thermophilic esterase. *Cellulose*, **2017**, 24, 311-321	5.5	7
63	A comparative study on kinetics and substrate specificities of Phospholipase A with Thermomyces lanuginosus lipase. *Journal of Colloid and Interface Science*, **2017**, 488, 149-154	9.3	7
62	Fabrication of Concentrated Palm Olein-Based Diacylglycerol Oil-Soybean Oil Blend Oil-In-Water Emulsion: In-Depth Study of the Rheological Properties and Storage Stability. *Foods*, **2020**, 9,	4.9	7
61	Choline-Chloride-Based Eutectic Solvent for the Efficient Production of Docosahexaenoyl and Eicosapentaenoyl Ethanolamides via an Enzymatic Process. *Journal of Agricultural and Food Chemistry*, **2018**, 66, 12361-12367	5.7	7
60	Preparation of Highly Pure n-3 PUFA-Enriched Triacylglycerols by Two-Step Enzymatic Reactions Combined with Molecular Distillation. *JAOCS, Journal of the American Oil ChemistspSociety*, **2017**, 94, 225-233	1.8	6
59	Cascade Synthesis from Cyclohexane to ?-Caprolactone by Visible-Light-Driven Photocatalysis Combined with Whole-Cell Biological Oxidation. *ChemBioChem*, **2020**, 21, 1852-1855	3.8	6
58	A Feasible Industrialized Process for Producing High Purity Diacylglycerols with No Contaminants. *European Journal of Lipid Science and Technology*, **2019**, 121, 1900039	3	6
57	A novel and environmentally friendly bioprocess for separation and partial purification of polysaccharides from Cordyceps sinensis mycelia by an aqueous two-phase system. *RSC Advances*, **2017**, 7, 37659-37665	3.7	6
56	Biochemical properties and potential applications of recombinant leucine aminopeptidase from Bacillus kaustophilus CCRC 11223. *International Journal of Molecular Sciences*, **2011**, 12, 7609-25	6.3	6
55	An Efficient Strategy for the Production of Epoxidized Oils: Natural Deep Eutectic Solvent-Based Enzymatic Epoxidation. *JAOCS, Journal of the American Oil ChemistspSociety*, **2019**, 96, 671-679	1.8	5
54	Structure and characterization of Aspergillus fumigatus lipase B with a unique, oversized regulatory subdomain. *FEBS Journal*, **2019**, 286, 2366-2380	5.7	5
53	Highly Efficient and Enzyme-Recoverable Method for Enzymatic Concentrating Omega-3 Fatty Acids Generated by Hydrolysis of Fish Oil in a Substrate-Constituted Three-Liquid-Phase System. *Journal of Agricultural and Food Chemistry*, **2019**, 67, 2570-2580	5.7	5
52	Substrate-constituted three-liquid-phase system: a green, highly efficient and recoverable platform for interfacial enzymatic reactions. *Chemical Communications*, **2015**, 51, 12943-6	5.8	5
51	Highly Efficient Deacidification of High-Acid Rice Bran Oil Using Methanol as a Novel Acyl Acceptor. *Applied Biochemistry and Biotechnology*, **2018**, 184, 1061-1072	3.2	5

50	Lid mobility in lipase SMG1 validated using a thiol/disulfide redox potential probe. *FEBS Open Bio*, **2016**, 6, 477-83	2.7	5
49	Synthesis of conjugated linoleic acid-rich triacylglycerols by immobilized mutant lipase with excellent capability and recyclability. *Enzyme and Microbial Technology*, **2018**, 117, 56-63	3.8	5
48	Deep Eutectic Solvents Enable the Enhanced Production of n-3 PUFA-Enriched Triacylglycerols. *European Journal of Lipid Science and Technology*, **2017**, 119, 1700300	3	5
47	Molecular modeling of substrate selectivity of Candida antarctica lipase B and Candida rugosa lipase towards c9, t11- and t10, c12-conjugated linoleic acid. *Journal of Molecular Catalysis B: Enzymatic*, **2009**, 57, 299-303		5
46	A mutant T1 lipase homology modeling, and its molecular docking and molecular dynamics simulation with fatty acids. *Journal of Biotechnology*, **2021**, 337, 24-34	3.7	5
45	Hydrolysis of lysophosphatidylcholines by a lipase from Malassezia globosa. *European Journal of Lipid Science and Technology*, **2015**, 117, 1655-1658	3	4
44	Changes in 3-, 2-Monochloropropandiol and Glycidyl Esters during a Conventional Baking System with Addition of Antioxidants. *Foods*, **2020**, 9,	4.9	4
43	Improving the Catalytic Activity and Thermostability of MAS1 Lipase by Alanine Substitution. *Molecular Biotechnology*, **2018**, 60, 319-328	3	4
42	Synthesis of CLA-Rich Lysophosphatidylcholine by Immobilized MAS1-H108A-Catalyzed Esterification: Effects of the Parameters and Monitoring of the Reaction Process. *European Journal of Lipid Science and Technology*, **2018**, 120, 1700529	3	4
41	Profiling substrate specificity of Lecitase Ultra to different kinds of phospholipids using monolayer technology. *European Journal of Lipid Science and Technology*, **2017**, 119, 1600175	3	4
40	PRODUCTION AND OXIDATIVE STABILITY OF A SOYBEAN OIL CONTAINING CONJUGATED LINOLEIC ACID PRODUCED BY LIPASE CATALYSIS. *Journal of Food Biochemistry*, **2011**, 35, 1612-1618	3.3	4
39	An Efficient Synthesis of Lysophosphatidylcholine Enriched with n-3 Polyunsaturated Fatty Acids by Immobilized MAS1 Lipase. *Journal of Agricultural and Food Chemistry*, **2020**, 68, 242-249	5.7	4
38	Expression and Characterization of a Novel Glycerophosphodiester Phosphodiesterase from Pyrococcus furiosus DSM 3638 That Possesses Lysophospholipase D Activity. *International Journal of Molecular Sciences*, **2016**, 17,	6.3	4
37	Quality profile determination of palm olein: potential markers for the detection of recycled cooking oils. *International Journal of Food Properties*, **2019**, 22, 1172-1182	3	3
36	Development of a sensitive and quantitative method for the identification of two major furan fatty acids in human plasma. *Journal of Lipid Research*, **2020**, 61, 560-569	6.3	3
35	Isolation, purification, and properties of a novel small heat shock protein from the hyperthermophile Sulfolobus solfataricus. *Applied Biochemistry and Biotechnology*, **2010**, 162, 476-85	3.2	3
34	Structure-Guided Rational Design of a Mono- and Diacylglycerol Lipase from : A Single Residue Mutant Increases the Hydrolysis Ability. *Journal of Agricultural and Food Chemistry*, **2021**, 69, 5344-5352	5.7	3
33	Integrated Utilization Strategy for Soybean Oil Deodorizer Distillate: Synergically Synthesizing Biodiesel and Recovering Bioactive Compounds by a Combined Enzymatic Process and Molecular Distillation. *ACS Omega*, **2021**, 6, 9141-9152	3.9	3

32	Open and closed states of Mrlip1 DAG lipase revealed by molecular dynamics simulation. *Molecular Simulation*, **2018**, 44, 1520-1528	2	3
31	Improving phospholipase activity of PLA1 by protein engineering and its effects on oil degumming. *European Journal of Lipid Science and Technology*, **2017**, 119, 1600110	3	2
30	Substrate selectivity and optimization of immobilized SMG1-F278N lipase in synthesis of propylene glycol monooleate. *European Journal of Lipid Science and Technology*, **2017**, 119, 1600423	3	2
29	A novel strategy to improve the thermostability of Penicillium camembertii mono- and di-acylglycerol lipase. *Biochemical and Biophysical Research Communications*, **2018**, 500, 639-644	3.4	2
28	Crystal Structure of a Phospholipase D from the Plant-Associated Bacteria Strain AS9 Reveals a Unique Arrangement of Catalytic Pocket. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	2
27	Diacylglycerol production by genetically modified lipase from Malassezia globosa. *Journal of Molecular Catalysis B: Enzymatic*, **2016**, 133, S204-S212		2
26	UPObase: an online database of unspecific peroxygenases. *Database: the Journal of Biological Databases and Curation*, **2019**, 2019,	5	2
25	Deletion the C-terminal peptides of Vibrio harveyi phospholipase D significantly improved its enzymatic properties. *International Journal of Biological Macromolecules*, **2019**, 129, 1140-1147	7.9	2
24	Two-step enzymatic synthesis of □inolenic acid-enriched diacylglycerols with high purities from silkworm pupae oil. *Bioprocess and Biosystems Engineering*, **2021**, 44, 627-634	3.7	2
23	Effect of N- and C-Terminal Amino Acids on the Interfacial Binding Properties of Phospholipase D from. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	2
22	Enhancing the thermostability of a mono- and diacylglycerol lipase from Malassizia globose by stabilizing a flexible loop in the catalytic pocket. *Enzyme and Microbial Technology*, **2021**, 149, 109849	3.8	2
21	Insight into the Modification of Phosphatidylcholine with n-3 Polyunsaturated Fatty Acids-Rich Ethyl Esters by Immobilized MAS1 Lipase. *Molecules*, **2019**, 24,	4.8	1
20	Function of C-terminal peptides on enzymatic and interfacial adsorption properties of lipase from Gibberella zeae. *Biochimica Et Biophysica Acta - General Subjects*, **2018**, 1862, 2623-2631	4	1
19	Biochemical and conformational characterization of a leucine aminopeptidase from Geobacillus thermodenitrificans NG80-2. *World Journal of Microbiology and Biotechnology*, **2012**, 28, 3227-37	4.4	1
18	Chemoenzymatic Halocyclization of □Unsaturated Carboxylic Acids and Alcohols. *ChemSusChem*, **2020**, 13, 5	8.3	1
17	Properties of immobilized MAS1-H108A lipase and its application in the efficient synthesis of n-3 PUFA-rich triacylglycerols. *Bioprocess and Biosystems Engineering*, **2021**, 44, 575-584	3.7	1
16	A novel sn-1,3 specific lipase from Janibacter sp. as catalysts for the high-yield synthesis of long-medium-long type structured triacylglycerols. *Food Chemistry*, **2022**, 366, 130523	8.5	1
15	More efficient enzymatic cascade reactions by spatially confining enzymes via the SpyTag/SpyCatcher technology. *Molecular Catalysis*, **2022**, 521, 112188	3.3	1

14	Exploring the influence of phospholipid monolayer conformation and environmental conditions on the interfacial binding of Gibberella Zeae lipase. *International Journal of Biological Macromolecules*, **2019**, 132, 1051-1056	7.9	0
13	Improving the freeze□thaw stability of emulsions via combining phosphatidylcholine and modified starch: A combined experimental and computational study. *International Journal of Food Science and Technology*, **2022**, 57, 1050	3.8	0
12	A Highly Efficient Three-Liquid-Phase-Based Enzymatic One-Pot Multistep Reaction System with Recoverable Enzymes for the Synthesis of Biodiesel. *Journal of Agricultural and Food Chemistry*, **2021**, 69, 5481-5490	5.7	0
11	A highly efficient and recoverable enzymatic method for removing phospholipids from soybean oil via an ionic liquid-based three-liquid-phase. *Separation and Purification Technology*, **2021**, 264, 118404	8.3	0
10	Enhancement of Phospholipid Binding and Catalytic Efficiency of Phospholipase D by Increasing Hydrophobicity of the Active Site Loop. *Journal of Agricultural and Food Chemistry*, **2021**, 69, 11110-11120	5.7	0
9	Simultaneous preparation of edible quality medium and high purity diacylglycerol by a novel combined approach. *LWT - Food Science and Technology*, **2021**, 150, 111949	5.4	0
8	Production of Cocoa Butter Substitute via Enzymatic Interesterification of Fully Hydrogenated Palm Kernel Oil, Coconut Oil and Fully Hydrogenated Palm Stearin Blends.. *Journal of Oleo Science*, **2022**, 71, 343-351	1.6	0
7	Host-guest interactions between oleic acid and □cyclodextrin: A combined experimental and theoretical study.. *Food Chemistry*, **2022**, 387, 132910	8.5	0
6	Water-in-oil emulsions enriched with alpha-linolenic acid in diacylglycerol form: Stability, formation mechanism and in vitro digestion analysis. *Food Chemistry*, **2022**, 133201	8.5	0
5	Structural Basis for the Regiospecificity of a Lipase from Streptomyces sp. W007. *International Journal of Molecular Sciences*, **2022**, 23, 5822	6.3	0
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