

# Yong-Hua Wang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Improving the freeze-thaw stability of emulsions via combining phosphatidylcholine and modified starch: A combined experimental and computational study. <i>International Journal of Food Science and Technology</i> , <b>2022</b> , 57, 1050	3.8	0
156	A novel sn-1,3 specific lipase from <i>Janibacter</i> sp. as catalysts for the high-yield synthesis of long-medium-long type structured triacylglycerols. <i>Food Chemistry</i> , <b>2022</b> , 366, 130523	8.5	1
155	Production of Cocoa Butter Substitute via Enzymatic Interesterification of Fully Hydrogenated Palm Kernel Oil, Coconut Oil and Fully Hydrogenated Palm Stearin Blends.. <i>Journal of Oleo Science</i> , <b>2022</b> , 71, 343-351	1.6	0
154	More efficient enzymatic cascade reactions by spatially confining enzymes via the SpyTag/SpyCatcher technology. <i>Molecular Catalysis</i> , <b>2022</b> , 521, 112188	3.3	1
153	Host-guest interactions between oleic acid and $\beta$ -cyclodextrin: A combined experimental and theoretical study.. <i>Food Chemistry</i> , <b>2022</b> , 387, 132910	8.5	0
152	Water-in-oil emulsions enriched with alpha-linolenic acid in diacylglycerol form: Stability, formation mechanism and in vitro digestion analysis. <i>Food Chemistry</i> , <b>2022</b> , 133201	8.5	0
151	Structural Basis for the Regiospecificity of a Lipase from <i>Streptomyces</i> sp. W007. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23, 5822	6.3	0
150	Crystal Structure of a Phospholipase D from the Plant-Associated Bacteria Strain AS9 Reveals a Unique Arrangement of Catalytic Pocket. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	2
149	Improved Thermal Properties and Flow Behavior of Palm Olein-Based Diacylglycerol: Impact of Sucrose Stearate Incorporation. <i>Processes</i> , <b>2021</b> , 9, 604	2.9	
148	Structure-Guided Rational Design of a Mono- and Diacylglycerol Lipase from : A Single Residue Mutant Increases the Hydrolysis Ability. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 5344-5352	5.7	3
147	A Highly Efficient Three-Liquid-Phase-Based Enzymatic One-Pot Multistep Reaction System with Recoverable Enzymes for the Synthesis of Biodiesel. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 5481-5490	5.7	0
146	A highly efficient and recoverable enzymatic method for removing phospholipids from soybean oil via an ionic liquid-based three-liquid-phase. <i>Separation and Purification Technology</i> , <b>2021</b> , 264, 118404	8.3	0
145	Two-step enzymatic synthesis of linolenic acid-enriched diacylglycerols with high purities from silkworm pupae oil. <i>Bioprocess and Biosystems Engineering</i> , <b>2021</b> , 44, 627-634	3.7	2
144	Properties of immobilized MAS1-H108A lipase and its application in the efficient synthesis of n-3 PUFA-rich triacylglycerols. <i>Bioprocess and Biosystems Engineering</i> , <b>2021</b> , 44, 575-584	3.7	1
143	Integrated Utilization Strategy for Soybean Oil Deodorizer Distillate: Synergically Synthesizing Biodiesel and Recovering Bioactive Compounds by a Combined Enzymatic Process and Molecular Distillation. <i>ACS Omega</i> , <b>2021</b> , 6, 9141-9152	3.9	3
142	Sequence and structure-based method to predict diacylglycerol lipases in protein sequence. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 182, 455-463	7.9	
141	A mutant T1 lipase homology modeling, and its molecular docking and molecular dynamics simulation with fatty acids. <i>Journal of Biotechnology</i> , <b>2021</b> , 337, 24-34	3.7	5

140	Enhancing the thermostability of a mono- and diacylglycerol lipase from <i>Malasszia globose</i> by stabilizing a flexible loop in the catalytic pocket. <i>Enzyme and Microbial Technology</i> , <b>2021</b> , 149, 109849	3.8	2
139	Enhancement of Phospholipid Binding and Catalytic Efficiency of Phospholipase D by Increasing Hydrophobicity of the Active Site Loop. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 11110-11120	5.7	0
138	Simultaneous preparation of edible quality medium and high purity diacylglycerol by a novel combined approach. <i>LWT - Food Science and Technology</i> , <b>2021</b> , 150, 111949	5.4	0
137	Immobilized MAS1 Lipase-catalyzed Synthesis of n-3 PUFA-rich Triacylglycerols in Deep Eutectic Solvents. <i>Journal of Oleo Science</i> , <b>2021</b> , 70, 227-236	1.6	
136	Production of fatty alcohols from non-edible oils by enzymatic cascade reactions. <i>Sustainable Energy and Fuels</i> , <b>2020</b> , 4, 4232-4237	5.8	11
135	Changes in 3-, 2-Monochloropropandiol and Glycidyl Esters during a Conventional Baking System with Addition of Antioxidants. <i>Foods</i> , <b>2020</b> , 9,	4.9	4
134	A Thermolabile Phospholipase B from GD-0079: Biochemical Characterization and Structure Dynamics Study. <i>Biomolecules</i> , <b>2020</b> , 10,	5.9	10
133	Development of a sensitive and quantitative method for the identification of two major furan fatty acids in human plasma. <i>Journal of Lipid Research</i> , <b>2020</b> , 61, 560-569	6.3	3
132	Cascade Synthesis from Cyclohexane to $\gamma$ -Caprolactone by Visible-Light-Driven Photocatalysis Combined with Whole-Cell Biological Oxidation. <i>ChemBioChem</i> , <b>2020</b> , 21, 1852-1855	3.8	6
131	Enantioselective Sulfoxidation of Thioanisole by Cascading a Choline Oxidase and a Peroxygenase in the Presence of Natural Deep Eutectic Solvents. <i>ChemPlusChem</i> , <b>2020</b> , 85, 254-257	2.8	13
130	Rational Design of an Artificial Nuclease by Engineering a Hetero-Dinuclear Center of Mg-Heme in Myoglobin. <i>ACS Catalysis</i> , <b>2020</b> , 10, 14359-14365	13.1	9
129	Natural Deep Eutectic Solvents as Performance Additives for Peroxygenase Catalysis. <i>ChemCatChem</i> , <b>2020</b> , 12, 989-994	5.2	12
128	An Efficient Synthesis of Lysophosphatidylcholine Enriched with n-3 Polyunsaturated Fatty Acids by Immobilized MAS1 Lipase. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 242-249	5.7	4
127	Chemoenzymatic Halocyclization of $\alpha$ -Unsaturated Carboxylic Acids and Alcohols. <i>ChemSusChem</i> , <b>2020</b> , 13, 5	8.3	1
126	Comprehensive Identification of Principal Lipid Classes and Tocochromanols in Silkworm ( <i>Antheraea pernyi</i> and <i>Bombyx mori</i> ) Pupae Oils. <i>European Journal of Lipid Science and Technology</i> , <b>2020</b> , 122, 1900280	3	11
125	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. <i>Foods</i> , <b>2020</b> , 9,	4.9	7
124	Chemoenzymatic Halocyclization of $\alpha$ -Unsaturated Carboxylic Acids and Alcohols. <i>ChemSusChem</i> , <b>2020</b> , 13, 97-101	8.3	18
123	Photoenzymatic Production of Next Generation Biofuels from Natural Triglycerides Combining a Hydrolase and a Photodecarboxylase. <i>ChemPhotoChem</i> , <b>2020</b> , 4, 39-44	3.3	22

122	Optimized Extraction of Total Triterpenoids from Jujube ( Mill.) and Comprehensive Analysis of Triterpenic Acids in Different Cultivars. <i>Plants</i> , <b>2020</b> , 9,	4.5	9
121	Quality profile determination of palm olein: potential markers for the detection of recycled cooking oils. <i>International Journal of Food Properties</i> , <b>2019</b> , 22, 1172-1182	3	3
120	Insight into the Modification of Phosphatidylcholine with n-3 Polyunsaturated Fatty Acids-Rich Ethyl Esters by Immobilized MAS1 Lipase. <i>Molecules</i> , <b>2019</b> , 24,	4.8	1
119	High-level expression of thermophilic lipase in via combined strategies. <i>3 Biotech</i> , <b>2019</b> , 9, 62	2.8	12
118	An Efficient Strategy for the Production of Epoxidized Oils: Natural Deep Eutectic Solvent-Based Enzymatic Epoxidation. <i>JAACS, Journal of the American Oil Chemists Society</i> , <b>2019</b> , 96, 671-679	1.8	5
117	Structure and characterization of <i>Aspergillus fumigatus</i> lipase B with a unique, oversized regulatory subdomain. <i>FEBS Journal</i> , <b>2019</b> , 286, 2366-2380	5.7	5
116	A Thermostable Monoacylglycerol Lipase from Marine sp. 12AMOR1: Biochemical Characterization and Mutagenesis Study. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	17
115	New insights on unspecific peroxygenases: superfamily reclassification and evolution. <i>BMC Evolutionary Biology</i> , <b>2019</b> , 19, 76	3	22
114	Exploring the influence of phospholipid monolayer conformation and environmental conditions on the interfacial binding of <i>Gibberella Zeae</i> lipase. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 132, 1051-1056	7.9	0
113	Natural Deep Eutectic Solvents as Multifunctional Media for the Valorization of Agricultural Wastes. <i>ChemSusChem</i> , <b>2019</b> , 12, 1310-1315	8.3	27
112	Rapid assessment of total MCPD esters in palm-based cooking oil using ATR-FTIR application and chemometric analysis. <i>Talanta</i> , <b>2019</b> , 198, 215-223	6.2	8
111	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. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 2570-2580	5.7	5
110	A Feasible Industrialized Process for Producing High Purity Diacylglycerols with No Contaminants. <i>European Journal of Lipid Science and Technology</i> , <b>2019</b> , 121, 1900039	3	6
109	How To Break the Janus Effect of H <sub>2</sub> O <sub>2</sub> in Biocatalysis? Understanding Inactivation Mechanisms To Generate more Robust Enzymes. <i>ACS Catalysis</i> , <b>2019</b> , 9, 2916-2921	13.1	15
108	Identification and Evaluation of Inhibitors of Lipase from using Virtual High-Throughput Screening and Molecular Dynamics Studies. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	42
107	UPObase: an online database of unspecific peroxygenases. <i>Database: the Journal of Biological Databases and Curation</i> , <b>2019</b> , 2019,	5	2
106	Deletion the C-terminal peptides of <i>Vibrio harveyi</i> phospholipase D significantly improved its enzymatic properties. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 129, 1140-1147	7.9	2
105	Immobilized <i>Talaromyces thermophilus</i> lipase as an efficient catalyst for the production of LML-type structured lipids. <i>Bioprocess and Biosystems Engineering</i> , <b>2019</b> , 42, 321-329	3.7	13

104	High-level expression of thermo-alkaline lipase in under the control of different promoters. <i>Biotech</i> , <b>2019</b> , 9, 33	2.8	9
103	Improving the Catalytic Activity and Thermostability of MAS1 Lipase by Alanine Substitution. <i>Molecular Biotechnology</i> , <b>2018</b> , 60, 319-328	3	4
102	Biocatalytic Oxidation Reactions: A Chemist's Perspective. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 9238-9261	16.4	229
101	Synthesis of CLA-Rich Lysophosphatidylcholine by Immobilized MAS1-H108A-Catalyzed Esterification: Effects of the Parameters and Monitoring of the Reaction Process. <i>European Journal of Lipid Science and Technology</i> , <b>2018</b> , 120, 1700529	3	4
100	Highly Efficient Deacidification of High-Acid Rice Bran Oil Using Methanol as a Novel Acyl Acceptor. <i>Applied Biochemistry and Biotechnology</i> , <b>2018</b> , 184, 1061-1072	3.2	5
99	Production and immobilization of lipase PCL and its application in synthesis of $\beta$ -linolenic acid-rich diacylglycerol. <i>Journal of Food Biochemistry</i> , <b>2018</b> , 42, e12574	3.3	9
98	Synthesis of conjugated linoleic acid-rich triacylglycerols by immobilized mutant lipase with excellent capability and recyclability. <i>Enzyme and Microbial Technology</i> , <b>2018</b> , 117, 56-63	3.8	5
97	A novel strategy to improve the thermostability of <i>Penicillium camembertii</i> mono- and di-acylglycerol lipase. <i>Biochemical and Biophysical Research Communications</i> , <b>2018</b> , 500, 639-644	3.4	2
96	The application of ultrasound and microwave to increase oil extraction from <i>Moringa oleifera</i> seeds. <i>Industrial Crops and Products</i> , <b>2018</b> , 120, 1-10	5.9	61
95	Function of C-terminal peptides on enzymatic and interfacial adsorption properties of lipase from <i>Gibberella zeae</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2018</b> , 1862, 2623-2631	4	1
94	Physical properties and stability evaluation of fish oil-in-water emulsions stabilized using thiol-modified $\beta$ -lactoglobulin fibrils-chitosan complex. <i>Food Research International</i> , <b>2018</b> , 105, 482-491	7	23
93	Shotgun Lipidomics Revealed Altered Profiles of Serum Lipids in Systemic Lupus Erythematosus Closely Associated with Disease Activity. <i>Biomolecules</i> , <b>2018</b> , 8,	5.9	23
92	Choline-Chloride-Based Eutectic Solvent for the Efficient Production of Docosahexaenoyl and Eicosapentaenoyl Ethanolamides via an Enzymatic Process. <i>Journal of Agricultural and Food Chemistry</i> , <b>2018</b> , 66, 12361-12367	5.7	7
91	Open and closed states of Mrlip1 DAG lipase revealed by molecular dynamics simulation. <i>Molecular Simulation</i> , <b>2018</b> , 44, 1520-1528	2	3
90	Biocatalytic synthesis of lactones and lactams. <i>Chemistry - an Asian Journal</i> , <b>2018</b> , 13, 3601-3610	4.5	18
89	Effect of N- and C-Terminal Amino Acids on the Interfacial Binding Properties of Phospholipase D from. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	2
88	Improving phospholipase activity of PLA1 by protein engineering and its effects on oil degumming. <i>European Journal of Lipid Science and Technology</i> , <b>2017</b> , 119, 1600110	3	2
87	Site-directed mutagenesis studies of hydrophobic residues in the lid region of T1 lipase. <i>European Journal of Lipid Science and Technology</i> , <b>2017</b> , 119, 1600107	3	8

86	Substrate selectivity and optimization of immobilized SMG1-F278N lipase in synthesis of propylene glycol monooleate. <i>European Journal of Lipid Science and Technology</i> , <b>2017</b> , 119, 1600423	3	2
85	Chemoenzymatic epoxidation of alkenes with <i>Candida antarctica</i> lipase B and hydrogen peroxide in deep eutectic solvents. <i>RSC Advances</i> , <b>2017</b> , 7, 12518-12523	3.7	51
84	<i>Malassezia globosa</i> MgMDL2 lipase: Crystal structure and rational modification of substrate specificity. <i>Biochemical and Biophysical Research Communications</i> , <b>2017</b> , 488, 259-265	3.4	7
83	EOryanol nanoemulsions produced by a low-energy emulsification method: an evaluation of process parameters and physicochemical stability. <i>Food and Function</i> , <b>2017</b> , 8, 2202-2211	6.1	19
82	An Innovative Deacidification Approach for Producing Partial Glycerides-Free Rice Bran Oil. <i>Food and Bioprocess Technology</i> , <b>2017</b> , 10, 1154-1161	5.1	10
81	Engineering a lipase B from <i>Candida antactica</i> with efficient perhydrolysis performance by eliminating its hydrolase activity. <i>Scientific Reports</i> , <b>2017</b> , 7, 44599	4.9	15
80	One-step synthesis of high-yield biodiesel from waste cooking oils by a novel and highly methanol-tolerant immobilized lipase. <i>Bioresource Technology</i> , <b>2017</b> , 235, 18-24	11	78
79	Deep Eutectic Solvents Enable More Robust Chemoenzymatic Epoxidation Reactions. <i>ChemCatChem</i> , <b>2017</b> , 9, 934-936	5.2	34
78	Peroxygenases en route to becoming dream catalysts. What are the opportunities and challenges?. <i>Current Opinion in Chemical Biology</i> , <b>2017</b> , 37, 1-9	9.7	155
77	Preparation of Highly Pure n-3 PUFA-Enriched Triacylglycerols by Two-Step Enzymatic Reactions Combined with Molecular Distillation. <i>JAOCS, Journal of the American Oil Chemists Society</i> , <b>2017</b> , 94, 225-233	1.8	6
76	Immobilization of <i>Candida antarctica</i> Lipase B Onto ECR1030 Resin and its Application in the Synthesis of n-3 PUFA-Rich Triacylglycerols. <i>European Journal of Lipid Science and Technology</i> , <b>2017</b> , 119, 1700266	3	7
75	Furan fatty acids - Beneficial or harmful to health?. <i>Progress in Lipid Research</i> , <b>2017</b> , 68, 119-137	14.3	36
74	Recombinant Lipase from <i>Gibberella zeae</i> Exhibits Broad Substrate Specificity: A Comparative Study on Emulsified and Monomolecular Substrate. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	9
73	Crystal structure of a lipase from <i>Streptomyces</i> sp. strain W007 - implications for thermostability and regiospecificity. <i>FEBS Journal</i> , <b>2017</b> , 284, 3506-3519	5.7	31
72	A novel and highly efficient approach for the production of biodiesel from high-acid content waste cooking oil. <i>Catalysis Communications</i> , <b>2017</b> , 102, 76-80	3.2	14
71	Enhancing HO resistance of an esterase from <i>Pyrobaculum calidifontis</i> by structure-guided engineering of the substrate binding site. <i>Applied Microbiology and Biotechnology</i> , <b>2017</b> , 101, 5689-5697	5.7	10
70	Deep eutectic solvents as performance additives in biphasic reactions. <i>RSC Advances</i> , <b>2017</b> , 7, 40367-40370	3.7	18
69	A novel and environmentally friendly bioprocess for separation and partial purification of polysaccharides from <i>Cordyceps sinensis</i> mycelia by an aqueous two-phase system. <i>RSC Advances</i> , <b>2017</b> , 7, 37659-37665	3.7	6



68	Deep Eutectic Solvents Enable the Enhanced Production of n-3 PUFA-Enriched Triacylglycerols. <i>European Journal of Lipid Science and Technology</i> , <b>2017</b> , 119, 1700300	3	5
67	Control of sticky deposits in wastepaper recycling with thermophilic esterase. <i>Cellulose</i> , <b>2017</b> , 24, 311-321	3.5	7
66	A comparative study on kinetics and substrate specificities of Phospholipase A with <i>Thermomyces lanuginosus</i> lipase. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 488, 149-154	9.3	7
65	Profiling substrate specificity of Lecitase Ultra to different kinds of phospholipids using monolayer technology. <i>European Journal of Lipid Science and Technology</i> , <b>2017</b> , 119, 1600175	3	4
64	Immobilized MAS1 lipase showed high esterification activity in the production of triacylglycerols with n-3 polyunsaturated fatty acids. <i>Food Chemistry</i> , <b>2017</b> , 216, 260-7	8.5	29
63	A functional natural deep eutectic solvent based on trehalose: Structural and physicochemical properties. <i>Food Chemistry</i> , <b>2017</b> , 217, 560-567	8.5	64
62	The Lid Domain in Lipases: Structural and Functional Determinant of Enzymatic Properties. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2017</b> , 5, 16	5.8	150
61	Evolution of the diacylglycerol lipases. <i>Progress in Lipid Research</i> , <b>2016</b> , 64, 85-97	14.3	17
60	Simplified Enzymatic Upgrading of High-Acid Rice Bran Oil Using Ethanol as a Novel Acyl Acceptor. <i>Journal of Agricultural and Food Chemistry</i> , <b>2016</b> , 64, 6730-7	5.7	20
59	Immobilization of SMG1-F278N lipase onto a novel epoxy resin: Characterization and its application in synthesis of partial glycerides. <i>Journal of Molecular Catalysis B: Enzymatic</i> , <b>2016</b> , 133, 154-160		27
58	A Novel Process for the Synthesis of Highly Pure n-3 Polyunsaturated Fatty Acid (PUFA)-Enriched Triglycerides by Combined Transesterification and Ethanolysis. <i>Journal of Agricultural and Food Chemistry</i> , <b>2016</b> , 64, 6533-8	5.7	17
57	Synthesis of DHA/EPA-rich phosphatidylcholine by immobilized phospholipase A1: effect of water addition and vacuum condition. <i>Bioprocess and Biosystems Engineering</i> , <b>2016</b> , 39, 1305-14	3.7	15
56	Sequence-based proline incorporation improves the thermostability of <i>Candida albicans</i> lipase Lip5. <i>European Journal of Lipid Science and Technology</i> , <b>2016</b> , 118, 821-826	3	8
55	Lid mobility in lipase SMG1 validated using a thiol/disulfide redox potential probe. <i>FEBS Open Bio</i> , <b>2016</b> , 6, 477-83	2.7	5
54	Expression and Characterization of a Novel Glycerophosphodiester Phosphodiesterase from <i>Pyrococcus furiosus</i> DSM 3638 That Possesses Lysophospholipase D Activity. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17,	6.3	4
53	Enhancing production of lipase MAS1 from marine <i>Streptomyces</i> sp. strain in <i>Pichia pastoris</i> by chaperones co-expression. <i>Electronic Journal of Biotechnology</i> , <b>2016</b> , 22, 62-67	3.1	22
52	Screening and characterization of a thermostable lipase from marine <i>Streptomyces</i> sp. strain W007. <i>Biotechnology and Applied Biochemistry</i> , <b>2016</b> , 63, 41-50	2.8	35
51	Diacylglycerol production by genetically modified lipase from <i>Malassezia globosa</i> . <i>Journal of Molecular Catalysis B: Enzymatic</i> , <b>2016</b> , 133, S204-S212		2

50	Lipase-Driven Epoxidation Is A Two-Stage Synergistic Process. <i>ChemistrySelect</i> , <b>2016</b> , 1, 836-839	1.8	16
49	A highly efficient immobilized MAS1 lipase for the glycerolysis reaction of n-3 PUFA-rich ethyl esters. <i>Journal of Molecular Catalysis B: Enzymatic</i> , <b>2016</b> , 134, 25-31		14
48	Enzymatic synthesis of phytosterol esters catalyzed by <i>Candida rugosa</i> lipase in water-in-[Bmim]PF6 microemulsion. <i>Bioprocess and Biosystems Engineering</i> , <b>2015</b> , 38, 939-46	3.7	20
47	Novel inhibitor against <i>Malassezia globosa</i> LIP1 (SMG1), a potential anti-dandruff target. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2015</b> , 25, 3464-7	2.9	9
46	Enzymatic selective synthesis of 1,3-DAG based on deep eutectic solvent acting as substrate and solvent. <i>Bioprocess and Biosystems Engineering</i> , <b>2015</b> , 38, 2053-61	3.7	43
45	Residue Asn277 affects the stability and substrate specificity of the SMG1 lipase from <i>Malassezia globosa</i> . <i>International Journal of Molecular Sciences</i> , <b>2015</b> , 16, 7273-88	6.3	14
44	Biochemical properties and structure analysis of a DAG-Like lipase from <i>Malassezia globosa</i> . <i>International Journal of Molecular Sciences</i> , <b>2015</b> , 16, 4865-79	6.3	14
43	Substrate-constituted three-liquid-phase system: a green, highly efficient and recoverable platform for interfacial enzymatic reactions. <i>Chemical Communications</i> , <b>2015</b> , 51, 12943-6	5.8	5
42	A mechanistic study into the epoxidation of carboxylic acid and alkene in a mono, di-acylglycerol lipase. <i>Biochemical and Biophysical Research Communications</i> , <b>2015</b> , 460, 392-6	3.4	11
41	Oligomer-dependent and -independent chaperone activity of sHsps in different stressed conditions. <i>FEBS Open Bio</i> , <b>2015</b> , 5, 155-62	2.7	9
40	Conversion of a Mono- and Diacylglycerol Lipase into a Triacylglycerol Lipase by Protein Engineering. <i>ChemBioChem</i> , <b>2015</b> , 16, 1431-4	3.8	15
39	Hydrolysis of lysophosphatidylcholines by a lipase from <i>Malassezia globosa</i> . <i>European Journal of Lipid Science and Technology</i> , <b>2015</b> , 117, 1655-1658	3	4
38	Structure of product-bound SMG1 lipase: active site gating implications. <i>FEBS Journal</i> , <b>2015</b> , 282, 4538-457	4.7	13
37	Hydrolysis of soybean oil to produce diacylglycerol by a lipase from <i>Rhizopus oryzae</i> . <i>Journal of Molecular Catalysis B: Enzymatic</i> , <b>2015</b> , 115, 43-50		31
36	Production of Diacylglycerol-Mixture of Regioisomers with High Purity by Two-Step Enzymatic Reactions Combined with Molecular Distillation. <i>JAACS, Journal of the American Oil Chemists Society</i> , <b>2014</b> , 91, 251-259	1.8	19
35	Immobilization of lipase SMG1 and its application in synthesis of partial glycerides. <i>European Journal of Lipid Science and Technology</i> , <b>2014</b> , 116, 1063-1069	3	17
34	Fatty acid specificity of T1 lipase and its potential in acylglycerol synthesis. <i>Journal of the Science of Food and Agriculture</i> , <b>2014</b> , 94, 1614-21	4.3	21
33	Production, purification and application of polysaccharide-based bioflocculant by <i>Paenibacillus mucilaginosus</i> . <i>Carbohydrate Polymers</i> , <b>2014</b> , 113, 463-70	10.3	31



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27	Enzymatic synthesis of extremely pure triacylglycerols enriched in conjugated linoleic acids. <i>Molecules</i> , <b>2013</b> , 18, 9704-16	4.8	13
26	Enzymatic hydrolysis of palm stearin to produce diacylglycerol with a highly thermostable lipase. <i>European Journal of Lipid Science and Technology</i> , <b>2013</b> , 115, 564-570	3	15
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12	PRODUCTION AND OXIDATIVE STABILITY OF A SOYBEAN OIL CONTAINING CONJUGATED LINOLEIC ACID PRODUCED BY LIPASE CATALYSIS. <i>Journal of Food Biochemistry</i> , <b>2011</b> , 35, 1612-1618	3.3	4
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9	A novel cold-active lipase from <i>Candida albicans</i> : cloning, expression and characterization of the recombinant enzyme. <i>International Journal of Molecular Sciences</i> , <b>2011</b> , 12, 3950-65	6.3	35
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