

# Fuping Lu

## 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.

132  
papers

1,192  
citations

17  
h-index

24  
g-index

153  
ext. papers

1,709  
ext. citations

5.1  
avg. IF

4.84  
L-index

#	Paper	IF	Citations
132	The discovery and enzymatic characterization of a novel AA10 LPMO from <i>Bacillus amyloliquefaciens</i> with dual substrate specificity.. <i>International Journal of Biological Macromolecules</i> , <b>2022</b> ,	7.9	3
131	Improving Thermostability of Chimeric Enzymes Generated by Domain Shuffling Between Two Different Original Glucoamylases.. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2022</b> , 10, 881421	5.8	
130	Mining and characterization of 3-ketosteroid- $\beta$ -dehydrogenases from <i>Arthrobacter simplex</i> genome and applications for steroid dehydrogenation. <i>Biochemical Engineering Journal</i> , <b>2022</b> , 181, 108383	4.2	3
129	Cross-linked enzyme aggregates immobilization: preparation, characterization, and applications.. <i>Critical Reviews in Biotechnology</i> , <b>2022</b> , 1-15	9.4	1
128	Improving astaxanthin production in <i>Escherichia coli</i> by co-utilizing CrtZ enzymes with different substrate preference.. <i>Microbial Cell Factories</i> , <b>2022</b> , 21, 71	6.4	2
127	Multiple Modular Engineering of Cell Factories for Enhanced Production of Alkaline Proteases From .. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2022</b> , 10, 866066	5.8	0
126	Insights into the mechanism for the high-alkaline activity of a novel GH43 Xylosidase from <i>Bacillus clausii</i> with a promising application to produce xylose. <i>Bioorganic Chemistry</i> , <b>2022</b> , 105887	5.1	0
125	Construction of an alkaline protease overproducer strain based on <i>Bacillus licheniformis</i> 2709 using an integrative approach. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 193, 1449-1449	7.9	1
124	Molecular basis for the inhibitory effects of 5-hydroxycyclopenicillone on the conformational transition of A $\beta$ monomer. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2021</b> , 39, 6440-6451	3.6	1
123	Biochemical characterization of a tyrosinase from <i>Bacillus aryabhattai</i> and its application. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 176, 37-46	7.9	7
122	Rational design of signal peptides for improved MtC1LPMO production in <i>Bacillus amyloliquefaciens</i> . <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 175, 262-269	7.9	0
121	Enhancing the sustainability of KsdD as a biocatalyst for steroid transformation by immobilization on epoxy support. <i>Enzyme and Microbial Technology</i> , <b>2021</b> , 146, 109777	3.8	3
120	Improving the activity and stability of <i>Bacillus clausii</i> alkaline protease using directed evolution and molecular dynamics simulation. <i>Enzyme and Microbial Technology</i> , <b>2021</b> , 147, 109787	3.8	5
119	Friend or foe? The roles of inulin-type fructans. <i>Carbohydrate Polymers</i> , <b>2021</b> , 252, 117155	10.3	18
118	Enzymatic characterization, molecular dynamics simulation, and application of a novel <i>Bacillus licheniformis</i> laccase. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 167, 1393-1405	7.9	3
117	Efficient secretion expression of phospholipase D in <i>Bacillus subtilis</i> and its application in synthesis of phosphatidylserine by enzyme immobilization. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 169, 282-289	7.9	0
116	Reducing the cell lysis to enhance yield of acid-stable alpha amylase by deletion of multiple peptidoglycan hydrolase-related genes in <i>Bacillus amyloliquefaciens</i> . <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 167, 777-786	7.9	2

115	Transcriptome based functional identification and application of regulator AbrB on alkaline protease synthesis in <i>Bacillus licheniformis</i> 2709. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 166, 1491-1498	7.9	2
114	Enhancing the functional characteristics of soy protein isolate via cross-linking catalyzed by <i>Bacillus subtilis</i> transglutaminase. <i>Journal of the Science of Food and Agriculture</i> , <b>2021</b> , 101, 4154-4160	4.3	2
113	Function and Molecular Ecology Significance of Two Catechol-Degrading Gene Clusters in ND6. <i>Journal of Microbiology and Biotechnology</i> , <b>2021</b> , 31, 259-271	3.3	0
112	Fast green FCF inhibits A $\beta$ fibrillogenesis, disintegrates mature fibrils, reduces the cytotoxicity, and attenuates A $\beta$ -induced cognitive impairment in mice. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 170, 33-41	7.9	2
111	Molecular Insights into the Inhibitory Effect of GV971 Components Derived from Marine Acidic Oligosaccharides against the Conformational Transition of A $\beta$ 2 Monomers. <i>ACS Chemical Neuroscience</i> , <b>2021</b> , 12, 3772-3784	5.7	1
110	Structural Basis of Salicylic Acid Decarboxylase Reveals a Unique Substrate Recognition Mode and Access Channel. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 11616-11625	5.7	0
109	Two-step biosynthesis of d-allulose via a multienzyme cascade for the bioconversion of fruit juices. <i>Food Chemistry</i> , <b>2021</b> , 357, 129746	8.5	8
108	Continuous Spectrophotometric Assay for High-Throughput Screening of Predominant d-Allulose 3-Epimerases. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 11637-11645	5.7	6
107	Improving the enzyme property of D-allulose 3-epimerase from a thermophilic organism of <i>Halanaerobium congolense</i> through rational design. <i>Enzyme and Microbial Technology</i> , <b>2021</b> , 149, 109850	3.8	6
106	Insight into the cross-linking preferences and characteristics of the transglutaminase from <i>Bacillus subtilis</i> by in vitro RNA display. <i>LWT - Food Science and Technology</i> , <b>2021</b> , 151, 112152	5.4	0
105	The food additive fast green FCF inhibits $\beta$ -synuclein aggregation, disassembles mature fibrils and protects against amyloid-induced neurotoxicity. <i>Food and Function</i> , <b>2021</b> , 12, 5465-5477	6.1	1
104	Design of an efficient whole-cell biocatalyst for the production of hydroxyarginine based on a multi-enzyme cascade. <i>Bioresource Technology</i> , <b>2020</b> , 318, 124261	11	7
103	Tunable physical and mechanical properties of gelatin hydrogel after transglutaminase crosslinking on two gelatin types. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 162, 405-413	7.9	29
102	Construction of a carbon-conserving pathway for glycolate production by synergetic utilization of acetate and glucose in <i>Escherichia coli</i> . <i>Metabolic Engineering</i> , <b>2020</b> , 61, 152-159	9.7	8
101	Optimized expression and enhanced production of alkaline protease by genetically modified <i>Bacillus licheniformis</i> 2709. <i>Microbial Cell Factories</i> , <b>2020</b> , 19, 45	6.4	15
100	Expression and purification of amyloid $\beta$ protein, tau, and $\beta$ -synuclein in : a review. <i>Critical Reviews in Biotechnology</i> , <b>2020</b> , 40, 475-489	9.4	5
99	Improving characteristics of biochar produced from collagen-containing solid wastes based on protease application in leather production. <i>Waste Management</i> , <b>2020</b> , 105, 531-539	8.6	13
98	General Aggregation-Induced Emission Probes for Amyloid Inhibitors with Dual Inhibition Capacity against Amyloid $\beta$ Protein and $\beta$ -Synuclein. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 31182-31194	9.5	14

97	Semi-rational mutagenesis of an industrial <i>Streptomyces fungicidicus</i> strain for improved enduracidin productivity. <i>Applied Microbiology and Biotechnology</i> , <b>2020</b> , 104, 3459-3471	5.7	3
96	The heterologous expression, characterization, and application of a novel laccase from <i>Bacillus velezensis</i> . <i>Science of the Total Environment</i> , <b>2020</b> , 713, 136713	10.2	11
95	Spo0A can efficiently enhance the expression of the alkaline protease gene <i>aprE</i> in <i>Bacillus licheniformis</i> by specifically binding to its regulatory region. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 159, 444-454	7.9	5
94	Identification of two novel highly inducible promoters from <i>Bacillus licheniformis</i> by screening transcriptomic data. <i>Genomics</i> , <b>2020</b> , 112, 1866-1871	4.3	3
93	Characterization and application of a novel laccase derived from <i>Bacillus amyloliquefaciens</i> . <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 150, 982-990	7.9	10
92	Biochemical characterization and structural analysis of ulvan lyase from marine <i>Alteromonas</i> sp. reveals the basis for its salt tolerance. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 147, 1309-1317 <sup>10</sup>	7.9	10
91	Enhancing the thermostability of phospholipase D from <i>Streptomyces halstedii</i> by directed evolution and elucidating the mechanism of a key amino acid residue using molecular dynamics simulation. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 164, 3065-3074	7.9	3
90	Insight into enzyme-catalyzed aziridine formation mechanism in ficellomycin biosynthesis. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 204, 112639	6.8	2
89	Screening of the candidate inhibitory peptides of subtilisin by in vitro RNA display technique. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 163, 1162-1167	7.9	1
88	Reshaping the Binding Pocket of Lysine Hydroxylase for Enhanced Activity. <i>ACS Catalysis</i> , <b>2020</b> , 10, 13946-13956	6.3	6
87	Molecular Mediation of Prion-like $\beta$ -Synuclein Fibrillation from Toxic PFFs to Nontoxic Species.. <i>ACS Applied Bio Materials</i> , <b>2020</b> , 3, 6096-6102	4.1	1
86	Construction of the R17L mutant of MtC1LPMO for improved lignocellulosic biomass conversion by rational point mutation and investigation of the mechanism by molecular dynamics simulations. <i>Bioresource Technology</i> , <b>2020</b> , 317, 124024	11	12
85	15 $\beta$ -hydroxylation of D-ethylgonendione by <i>Penicillium raistrickii</i> in deep eutectic solvents DESs containing system. <i>Biochemical Engineering Journal</i> , <b>2020</b> , 164, 107781	4.2	3
84	Expression, Purification, Refolding, and Characterization of a Protein From. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2020</b> , 8, 593041	5.8	
83	Efficient Biosynthesis of 2UFucosyllactose Using an In Vitro Multienzyme Cascade. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 10763-10771	5.7	10
82	Dual Effect of the Acidic Polysaccharose Ulvan on the Inhibition of Amyloid- $\beta$ Protein Fibrillation and Disintegration of Mature Fibrils. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 41167-41176	9.5	12
81	Edaravone inhibits the conformational transition of amyloid- $\beta$ : insights from molecular dynamics simulations. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2020</b> , 38, 2377-2388	3.6	15
80	Engineering a thermostable version of D-allulose 3-epimerase from <i>Rhodopirellula baltica</i> via site-directed mutagenesis based on B-factors analysis. <i>Enzyme and Microbial Technology</i> , <b>2020</b> , 132, 109441	2.8	20

79	Co-fermentation of lentils using lactic acid bacteria and <i>Bacillus subtilis</i> natto increases functional and antioxidant components. <i>Journal of Food Science</i> , <b>2020</b> , 86, 475	3.4	5
78	Brazilin Inhibits $\beta$ Synuclein Fibrillogenesis, Disrupts Mature Fibrils, and Protects against Amyloid-Induced Cytotoxicity. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 11769-11777	5.7	11
77	Soluble expression, purification and biochemical characterization of a C-7 cholesterol dehydrogenase from <i>Drosophila melanogaster</i> . <i>Steroids</i> , <b>2019</b> , 152, 108495	2.8	4
76	Biochemical characterization and biocatalytic application of a novel d-tagatose 3-epimerase from sp.. <i>RSC Advances</i> , <b>2019</b> , 9, 2919-2927	3.7	24
75	Biochemical characterization of a novel GH43 family $\beta$ xylosidase from <i>Bacillus pumilus</i> . <i>Food Chemistry</i> , <b>2019</b> , 295, 653-661	8.5	9
74	Facile synthesis of (-)-vibo-quercitol from maltodextrin via an in vitro synthetic enzymatic biosystem. <i>Biotechnology and Bioengineering</i> , <b>2019</b> , 116, 2710-2719	4.9	5
73	Directed evolution of $\beta$ amylase from <i>Bacillus licheniformis</i> to enhance its acid-stable performance. <i>Biologia (Poland)</i> , <b>2019</b> , 74, 1363-1372	1.5	4
72	Synthesis of flavor esters by a novel lipase from in a soybean-solvent system. <i>3 Biotech</i> , <b>2019</b> , 9, 244	2.8	13
71	An innovative biotransformation to produce resveratrol by .. <i>RSC Advances</i> , <b>2019</b> , 9, 15448-15456	3.7	3
70	Improvement of the alkali stability of <i>Penicillium cyclopium</i> lipase by error-prone PCR. <i>Electronic Journal of Biotechnology</i> , <b>2019</b> , 39, 91-97	3.1	2
69	Dihydromyricetin Inhibits $\beta$ Synuclein Aggregation, Disrupts Preformed Fibrils, and Protects Neuronal Cells in Culture against Amyloid-Induced Cytotoxicity. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 3946-3955	5.7	17
68	Redesign and engineering of a dioxygenase targeting biocatalytic synthesis of 5-hydroxyl leucine. <i>Catalysis Science and Technology</i> , <b>2019</b> , 9, 1825-1834	5.5	13
67	Redesign of a novel D-allulose 3-epimerase from <i>Staphylococcus aureus</i> for thermostability and efficient biocatalytic production of D-allulose. <i>Microbial Cell Factories</i> , <b>2019</b> , 18, 59	6.4	28
66	Cloning, expression and characterization of a novel fructosyltransferase from and its application in the synthesis of fructooligosaccharides.. <i>RSC Advances</i> , <b>2019</b> , 9, 23856-23863	3.7	5
65	Enhancing the activity and thermostability of <i>Streptomyces mobaraensis</i> transglutaminase by directed evolution and molecular dynamics simulation. <i>Biochemical Engineering Journal</i> , <b>2019</b> , 151, 107333	4.2	9
64	Rational design of a <i>Yarrowia lipolytica</i> derived lipase for improved thermostability. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 137, 1190-1198	7.9	12
63	A novel unhairing enzyme produced by heterologous expression of keratinase gene (kerT) in <i>Bacillus subtilis</i> . <i>World Journal of Microbiology and Biotechnology</i> , <b>2019</b> , 35, 122	4.4	8
62	Optimization of alkaline protease production by rational deletion of sporulation related genes in <i>Bacillus licheniformis</i> . <i>Microbial Cell Factories</i> , <b>2019</b> , 18, 127	6.4	11

61	Engineering a highly efficient expression system to produce BcaPRO protease in <i>Bacillus subtilis</i> by an optimized promoter and signal peptide. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 138, 903-911	7.9	18
60	Efficient Biosynthesis of High-Value Succinic Acid and 5-Hydroxyleucine Using a Multienzyme Cascade and Whole-Cell Catalysis. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 12502-12510	5.7	8
59	Inhibitory Effect of a Flavonoid Dihydromyricetin against A $\beta$ 0 Amyloidogenesis and Its Associated Cytotoxicity. <i>ACS Chemical Neuroscience</i> , <b>2019</b> , 10, 4696-4703	5.7	21
58	Effects of <i>Bacillus subtilis</i> transglutaminase treatment on the functional properties of whey protein. <i>LWT - Food Science and Technology</i> , <b>2019</b> , 116, 108559	5.4	10
57	Engineered variants of a lipase from <i>Yarrowia lipolytica</i> with improved trypsin resistance for enzyme replacement therapy. <i>Protein Engineering, Design and Selection</i> , <b>2019</b> , 32, 375-383	1.9	1
56	Proteomic analysis of the earthworm exposed to oxytetracycline in soil.. <i>RSC Advances</i> , <b>2019</b> , 9, 41628-41638	1.6	1
55	A novel process for phosphatidylserine production using a <i>Pichia pastoris</i> whole-cell biocatalyst with overexpression of phospholipase D from <i>Streptomyces halstedii</i> in a purely aqueous system. <i>Food Chemistry</i> , <b>2019</b> , 274, 535-542	8.5	12
54	Hydroxylated Single-Walled Carbon Nanotubes Inhibit A $\beta$ Fibrillogenesis, Disaggregate Mature Fibrils, and Protect against A $\beta$ Induced Cytotoxicity. <i>ACS Chemical Neuroscience</i> , <b>2019</b> , 10, 588-598	5.7	44
53	Amyloidogenicity and Cytotoxicity of a Recombinant C-Terminal His-Tagged A $\beta$ ACS Chemical Neuroscience, <b>2019</b> , 10, 1251-1262	5.7	10
52	Identification and characterization of a novel cold-tolerant extracellular protease from <i>Planococcus</i> sp. CGMCC 8088. <i>Extremophiles</i> , <b>2018</b> , 22, 473-484	3	7
51	A novel l-leucine 5-hydroxylase from <i>Nostoc piscinale</i> unravels unexpected sulfoxidation activity toward l-methionine. <i>Protein Expression and Purification</i> , <b>2018</b> , 149, 1-6	2	9
50	Ficellomycin: an aziridine alkaloid antibiotic with potential therapeutic capacity. <i>Applied Microbiology and Biotechnology</i> , <b>2018</b> , 102, 4345-4354	5.7	14
49	Synergistic effects of components in deep eutectic solvents relieve toxicity and improve the performance of steroid biotransformation catalyzed by <i>Arthrobacter simplex</i> . <i>Journal of Chemical Technology and Biotechnology</i> , <b>2018</b> , 93, 2729-2736	3.5	17
48	Engineering of <i>Bacillus amyloliquefaciens</i> $\beta$ Amylase with Improved Calcium Independence and Catalytic Efficiency by Error-Prone PCR. <i>Starch/Staerke</i> , <b>2018</b> , 70, 1700175	2.3	4
47	An acid-stable $\beta$ glucosidase from <i>Aspergillus aculeatus</i> : Gene expression, biochemical characterization and molecular dynamics simulation. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 119, 462-469	7.9	11
46	Development of a whole-cell biocatalyst with overexpression of mutant lipase I PCL from for biodiesel production.. <i>RSC Advances</i> , <b>2018</b> , 8, 26161-26168	3.7	11
45	Enzymatic hydrolysis combined with high-pressure homogenisation for the preparation of polysaccharide-based nanoparticles from the by-product of <i>Flammulina velutipes</i> . <i>International Journal of Food Science and Technology</i> , <b>2018</b> , 53, 2422-2429	3.8	10
44	A novel electrochemical immunosensor based on Au nanoparticles and horseradish peroxidase signal amplification for ultrasensitive detection of $\beta$ fetoprotein. <i>Biomedical Microdevices</i> , <b>2018</b> , 20, 46	3.7	3

43	Characterization of transglutaminase from <i>Bacillus subtilis</i> and its cross-linking function with a bovine serum albumin model. <i>Food and Function</i> , <b>2018</b> , 9, 5560-5568	6.1	9
42	Efficient production of sugar-derived aldonic acids by TCCC11892.. <i>RSC Advances</i> , <b>2018</b> , 8, 39897-39901	3.7	6
41	Cloning, expression and characterisation of phospholipase B from <i>Saccharomyces cerevisiae</i> and its application in the synthesis of l-alpha-glycerolphosphorylcholine and peanut oil degumming. <i>Biotechnology and Biotechnological Equipment</i> , <b>2018</b> , 32, 968-973	1.6	4
40	Heat Acclimation of <i>Bifidobacterium longum</i> and Proteomic Changes Behind It. <i>Probiotics and Antimicrobial Proteins</i> , <b>2017</b> , 9, 255-261	5.5	2
39	Rational design to change product specificities and thermostability of cyclodextrin glycosyltransferase from <i>Paenibacillus</i> sp.. <i>RSC Advances</i> , <b>2017</b> , 7, 13726-13732	3.7	3
38	Cloning and identification of a novel steroid 11 $\beta$ -hydroxylase gene from <i>Absidia coerulea</i> . <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2017</b> , 171, 254-261	5.1	15
37	<i>B. amyloliquefaciens</i> TCCC 11319, a new Cr(III)-tolerant bacterium for chromium-tanned leather shaving disposal. <i>RSC Advances</i> , <b>2017</b> , 7, 11455-11461	3.7	7
36	A comparative proteomics method for multiple samples based on a O-reference strategy and a quantitation and identification-decoupled strategy. <i>Talanta</i> , <b>2017</b> , 171, 166-172	6.2	4
35	Three dimensional approach to investigating biological effects along energetic ion beam pathways. <i>Scientific Reports</i> , <b>2017</b> , 7, 44732	4.9	
34	Cloning, expression, and characterization of a thermostable and pH-stable laccase from <i>Klebsiella pneumoniae</i> and its application to dye decolorization. <i>Process Biochemistry</i> , <b>2017</b> , 53, 125-134	4.8	46
33	Biochemical analysis and the preliminary crystallographic characterization of D-tagatose 3-epimerase from <i>Rhodobacter sphaeroides</i> . <i>Microbial Cell Factories</i> , <b>2017</b> , 16, 193	6.4	13
32	Identification and characterization of the ficellomycin biosynthesis gene cluster from <i>Streptomyces ficellus</i> . <i>Applied Microbiology and Biotechnology</i> , <b>2017</b> , 101, 7589-7602	5.7	11
31	Improved synthesis of isomaltooligosaccharides using immobilized $\beta$ -glucosidase in organic-aqueous media. <i>Food Science and Biotechnology</i> , <b>2017</b> , 26, 731-738	3	7
30	Refolding of a novel cholesterol oxidase from <i>Pimelobacter simplex</i> reveals dehydrogenation activity. <i>Protein Expression and Purification</i> , <b>2017</b> , 139, 1-7	2	11
29	Systemic Perturbations of Key Metabolites in Type 2 Diabetic Rats Treated by Polyphenol Extracts from <i>Litchi chinensis</i> Seeds. <i>Journal of Agricultural and Food Chemistry</i> , <b>2017</b> , 65, 7698-7704	5.7	15
28	Improvement in thermostability of an alkaline lipase I from <i>Penicillium cyclopium</i> by directed evolution. <i>RSC Advances</i> , <b>2017</b> , 7, 38538-38548	3.7	14
27	Identification and characterization of the steroid 15 $\beta$ -hydroxylase gene from <i>Penicillium raistrickii</i> . <i>Applied Microbiology and Biotechnology</i> , <b>2017</b> , 101, 6409-6418	5.7	6
26	Mechanisms of Zn(II) binded to collagen and its effect on the capacity of eco-friendly Zn-Cr combination tanning system. <i>Journal of Hazardous Materials</i> , <b>2017</b> , 321, 203-209	12.8	17

25	Sequencing and Transcriptome Analysis Reveal Key Genes Regulating Steroid Metabolism in Leaves, Roots, Adventitious Roots and Calli of Bunge. <i>Frontiers in Plant Science</i> , <b>2017</b> , 8, 594	6.2	5
24	Microbial Hydroxylation of 16 $\beta$ -17 $\beta$ -epoxyprogesterone by. <i>Iranian Journal of Pharmaceutical Research</i> , <b>2017</b> , 16, 1161-1166	1.1	
23	Metagenomic Profiling of the Bacterial Community Changes from Koji to Mash Stage in the Brewing of Soy Sauce. <i>Polish Journal of Microbiology</i> , <b>2017</b> , 66, 537-541	1.8	5
22	Evaluation of deep eutectic solvents as co-solvent for steroids 1-en-dehydrogenation biotransformation by <i>Arthrobacter simplex</i> . <i>Journal of Chemical Technology and Biotechnology</i> , <b>2016</b> , 91, 1099-1104	3.5	38
21	Heterologous production of an acidic thermostable lipase with broad-range pH activity from thermophilic fungus <i>Neosartorya fischeri</i> P1. <i>Journal of Bioscience and Bioengineering</i> , <b>2016</b> , 122, 539-544	3.3	15
20	Characterization of the recombinant porcine pancreas phospholipase A 2 expressed in <i>Pichia pastoris</i> GS115 and its application to synthesis of 2-DHA-PS. <i>Process Biochemistry</i> , <b>2016</b> , 51, 1472-1478	4.8	6
19	Multienzymatic cascade synthesis of fucosyloligosaccharide via a two-step fermentation strategy in <i>Escherichia coli</i> . <i>Biotechnology Letters</i> , <b>2016</b> , 38, 1747-52	3	5
18	Limitation of thiamine pyrophosphate supply to growing <i>Escherichia coli</i> switches metabolism to efficient D-lactate formation. <i>Biotechnology and Bioengineering</i> , <b>2016</b> , 113, 182-8	4.9	8
17	Functional expression of <i>Trametes versicolor</i> thermotolerant laccase variant in <i>Pichia pastoris</i> . <i>Biotechnology and Biotechnological Equipment</i> , <b>2016</b> , 30, 261-269	1.6	3
16	A Novel Tetrahydrocannabinol Electrochemical Nano Immunosensor Based on Horseradish Peroxidase and Double-Layer Gold Nanoparticles. <i>Molecules</i> , <b>2016</b> , 21,	4.8	15
15	A novel glutathione-S transferase immunosensor based on horseradish peroxidase and double-layer gold nanoparticles. <i>Biomedical Microdevices</i> , <b>2016</b> , 18, 50	3.7	6
14	Cytotoxic Metabolites Produced by the Endophytic Fungus <i>Aspergillus clavatus</i> . <i>Chemistry Letters</i> , <b>2015</b> , 44, 1148-1149	1.7	17
13	A novel approach for improving the yield of <i>Bacillus subtilis</i> transglutaminase in heterologous strains. <i>Journal of Industrial Microbiology and Biotechnology</i> , <b>2014</b> , 41, 1227-35	4.2	19
12	High-yield phosphatidylserine production via yeast surface display of phospholipase D from <i>Streptomyces chromofuscus</i> on <i>Pichia pastoris</i> . <i>Journal of Agricultural and Food Chemistry</i> , <b>2014</b> , 62, 5354-60	5.7	25
11	Improvement of cold adaptation of <i>Bacillus alcalophilus</i> alkaline protease by directed evolution. <i>Journal of Molecular Catalysis B: Enzymatic</i> , <b>2014</b> , 106, 117-123		17
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