

Fuping Lu

List of Publications by Year in descending order

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145
papers

2,277
citations

257101

24
h-index

395343

33
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all docs

153
docs citations

153
times ranked

2184
citing authors

#	ARTICLE	IF	CITATIONS
1	Tunable physical and mechanical properties of gelatin hydrogel after transglutaminase crosslinking on two gelatin types. <i>International Journal of Biological Macromolecules</i> , 2020, 162, 405-413.	3.6	86
2	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> , 2017, 53, 125-134.	1.8	74
3	Hydroxylated Single-Walled Carbon Nanotubes Inhibit A β Fibrillogenesis, Disaggregate Mature Fibrils, and Protect against A β -Induced Cytotoxicity. <i>ACS Chemical Neuroscience</i> , 2019, 10, 588-598.	1.7	56
4	Evaluation of deep eutectic solvents as co-solvent for steroids 1 α -dehydrogenation biotransformation by <i>Arthrobacter simplex</i> . <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 1099-1104.	1.6	48
5	Inhibitory Effect of a Flavonoid Dihyromyricetin against A β 40 Amyloidogenesis and Its Associated Cytotoxicity. <i>ACS Chemical Neuroscience</i> , 2019, 10, 4696-4703.	1.7	44
6	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> , 2019, 138, 903-911.	3.6	43
7	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> , 2019, 18, 59.	1.9	40
8	Friend or foe? The roles of inulin-type fructans. <i>Carbohydrate Polymers</i> , 2021, 252, 117155.	5.1	40
9	Reshaping the Binding Pocket of Lysine Hydroxylase for Enhanced Activity. <i>ACS Catalysis</i> , 2020, 10, 13946-13956.	5.5	39
10	Dihyromyricetin Inhibits α -Synuclein Aggregation, Disrupts Preformed Fibrils, and Protects Neuronal Cells in Culture against Amyloid-Induced Cytotoxicity. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 3946-3955.	2.4	35
11	Engineering a thermostable version of D-allulose 3-epimerase from <i>Rhodospirillum rubrum</i> via site-directed mutagenesis based on B-factors analysis. <i>Enzyme and Microbial Technology</i> , 2020, 132, 109441.	1.6	33
12	General Aggregation-Induced Emission Probes for Amyloid Inhibitors with Dual Inhibition Capacity against Amyloid β -Protein and α -Synuclein. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 31182-31194.	4.0	33
13	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> , 2014, 62, 5354-5360.	2.4	32
14	Biochemical characterization and biocatalytic application of a novel d-tagatose 3-epimerase from <i>Sinorhizobium</i> sp.. <i>RSC Advances</i> , 2019, 9, 2919-2927.	1.7	32
15	Brazilin Inhibits α -Synuclein Fibrillogenesis, Disrupts Mature Fibrils, and Protects against Amyloid-Induced Cytotoxicity. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 11769-11777.	2.4	31
16	Rational design of a <i>Yarrowia lipolytica</i> derived lipase for improved thermostability. <i>International Journal of Biological Macromolecules</i> , 2019, 137, 1190-1198.	3.6	30
17	Dual Effect of the Acidic Polysaccharose Ulvan on the Inhibition of Amyloid- β Protein Fibrillation and Disintegration of Mature Fibrils. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 41167-41176.	4.0	29
18	Optimized expression and enhanced production of alkaline protease by genetically modified <i>Bacillus licheniformis</i> 2709. <i>Microbial Cell Factories</i> , 2020, 19, 45.	1.9	29

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19	A novel approach for improving the yield of <i>Bacillus subtilis</i> transglutaminase in heterologous strains. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2014, 41, 1227-1235.	1.4	28
20	Optimization of alkaline protease production by rational deletion of sporulation related genes in <i>Bacillus licheniformis</i> . <i>Microbial Cell Factories</i> , 2019, 18, 127.	1.9	27
21	Characterization and application of a novel laccase derived from <i>Bacillus amyloliquefaciens</i> . <i>International Journal of Biological Macromolecules</i> , 2020, 150, 982-990.	3.6	27
22	Two-step biosynthesis of d-allulose via a multienzyme cascade for the bioconversion of fruit juices. <i>Food Chemistry</i> , 2021, 357, 129746.	4.2	27
23	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> , 2017, 65, 7698-7704.	2.4	26
24	Improvement in thermostability of an alkaline lipase I from <i>Penicillium cyclopium</i> by directed evolution. <i>RSC Advances</i> , 2017, 7, 38538-38548.	1.7	26
25	Isolation, Purification, and Characterization of a Thermostable Xylanase from a Novel Strain, <i>Paenibacillus campinasensis</i> G1-1. <i>Journal of Microbiology and Biotechnology</i> , 2012, 22, 930-938.	0.9	26
26	Cloning and identification of a novel steroid 11 β -hydroxylase gene from <i>Absidia coerulea</i> . <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 171, 254-261.	1.2	25
27	Efficient Biosynthesis of 2 α -Fucosyllactose Using an In Vitro Multienzyme Cascade. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 10763-10771.	2.4	25
28	Construction of engineered <i>Arthrobacter simplex</i> with improved performance for cortisone acetate biotransformation. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 9503-9514.	1.7	24
29	Edaravone inhibits the conformational transition of amyloid- β 42: insights from molecular dynamics simulations. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 2377-2388.	2.0	23
30	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> , 2020, 317, 124024.	4.8	23
31	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> , 2017, 321, 203-209.	6.5	22
32	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> , 2018, 93, 2729-2736.	1.6	22
33	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> , 2019, 274, 535-542.	4.2	22
34	Improving characteristics of biochar produced from collagen-containing solid wastes based on protease application in leather production. <i>Waste Management</i> , 2020, 105, 531-539.	3.7	22
35	The heterologous expression, characterization, and application of a novel laccase from <i>Bacillus velezensis</i> . <i>Science of the Total Environment</i> , 2020, 713, 136713.	3.9	22
36	Improvement of cold adaptation of <i>Bacillus alcalophilus</i> alkaline protease by directed evolution. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014, 106, 117-123.	1.8	21

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37	A Novel Tetrahydrocannabinol Electrochemical Nano Immunosensor Based on Horseradish Peroxidase and Double-Layer Gold Nanoparticles. <i>Molecules</i> , 2016, 21, 1377.	1.7	21
38	Enhancing the activity and thermostability of <i>Streptomyces mobaraensis</i> transglutaminase by directed evolution and molecular dynamics simulation. <i>Biochemical Engineering Journal</i> , 2019, 151, 107333.	1.8	21
39	Synthesis of flavor esters by a novel lipase from <i>Aspergillus niger</i> in a soybean-solvent system. <i>3 Biotech</i> , 2019, 9, 244.	1.1	21
40	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> , 2020, 147, 1309-1317.	3.6	21
41	Cytotoxic Metabolites Produced by the Endophytic Fungus <i>Aspergillus clavatus</i> . <i>Chemistry Letters</i> , 2015, 44, 1148-1149.	0.7	20
42	Characterization of transglutaminase from <i>Bacillus subtilis</i> and its cross-linking function with a bovine serum albumin model. <i>Food and Function</i> , 2018, 9, 5560-5568.	2.1	20
43	Ficellomycin: an aziridine alkaloid antibiotic with potential therapeutic capacity. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 4345-4354.	1.7	19
44	An acid-stable β -glucosidase from <i>Aspergillus aculeatus</i> : Gene expression, biochemical characterization and molecular dynamics simulation. <i>International Journal of Biological Macromolecules</i> , 2018, 119, 462-469.	3.6	19
45	Biochemical characterization of a novel GH43 family β -xylosidase from <i>Bacillus pumilus</i> . <i>Food Chemistry</i> , 2019, 295, 653-661.	4.2	19
46	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> , 2020, 61, 152-159.	3.6	19
47	15β -Hydroxylation of a steroid (13-ethyl-gon-4-en-3,17-dione) by <i>Penicillium raistrickii</i> in an ionic liquid/aqueous biphasic system. <i>Biotechnology Letters</i> , 2012, 34, 2113-2117.	1.1	18
48	11β hydroxylation of 16β , 17α -epoxyprogesterone in biphasic ionic liquid/water system by <i>Aspergillus ochraceus</i> . <i>Journal of Chemical Technology and Biotechnology</i> , 2013, 88, 287-292.	1.6	18
49	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> , 2016, 122, 539-544.	1.1	18
50	Identification and characterization of the ficellomycin biosynthesis gene cluster from <i>Streptomyces ficellus</i> . <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 7589-7602.	1.7	18
51	Development of a <i>Pichia pastoris</i> whole-cell biocatalyst with overexpression of mutant lipase I PCL ^{G47I} from <i>Penicillium cyclopium</i> for biodiesel production. <i>RSC Advances</i> , 2018, 8, 26161-26168.	1.7	18
52	Adsorption characteristics of malic acid from aqueous solutions by weakly basic ion-exchange chromatography. <i>Journal of Chromatography A</i> , 2012, 1251, 148-153.	1.8	17
53	Biochemical analysis and the preliminary crystallographic characterization of d-tagatose 3-epimerase from <i>Rhodobacter sphaeroides</i> . <i>Microbial Cell Factories</i> , 2017, 16, 193.	1.9	17
54	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> , 2021, 147, 109787.	1.6	17

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55	Refolding of a novel cholesterol oxidase from <i>Pimelobacter simplex</i> reveals dehydrogenation activity. <i>Protein Expression and Purification</i> , 2017, 139, 1-7.	0.6	16
56	Redesign and engineering of a dioxygenase targeting biocatalytic synthesis of 5-hydroxyl leucine. <i>Catalysis Science and Technology</i> , 2019, 9, 1825-1834.	2.1	16
57	Amyloidogenicity and Cytotoxicity of a Recombinant C-Terminal His ⁶ -Tagged A β ⁴² . <i>ACS Chemical Neuroscience</i> , 2019, 10, 1251-1262.	1.7	16
58	Enzymatic characterization, molecular dynamics simulation, and application of a novel <i>Bacillus licheniformis</i> laccase. <i>International Journal of Biological Macromolecules</i> , 2021, 167, 1393-1405.	3.6	16
59	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> , 2021, 169, 282-289.	3.6	16
60	Cross-linked enzyme aggregates immobilization: preparation, characterization, and applications. <i>Critical Reviews in Biotechnology</i> , 2023, 43, 369-383.	5.1	16
61	Effects of <i>Bacillus subtilis</i> transglutaminase treatment on the functional properties of whey protein. <i>LWT - Food Science and Technology</i> , 2019, 116, 108559.	2.5	15
62	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> , 2021, 101, 4154-4160.	1.7	15
63	Biochemical characterization of a tyrosinase from <i>Bacillus aryabhattai</i> and its application. <i>International Journal of Biological Macromolecules</i> , 2021, 176, 37-46.	3.6	15
64	Continuous Spectrophotometric Assay for High-Throughput Screening of Predominant α -D-Glucose 3-Epimerases. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 11637-11645.	2.4	15
65	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> , 2021, 149, 109850.	1.6	15
66	Synthesis and properties of functionalized β -cyclodextrin copolymer and its metal complexes. <i>Polymer Bulletin</i> , 2006, 57, 481-489.	1.7	14
67	Identification and characterization of a novel cold-tolerant extracellular protease from <i>Planococcus</i> sp. CGMCC 8088. <i>Extremophiles</i> , 2018, 22, 473-484.	0.9	14
68	Efficient production of sugar-derived aldonic acids by <i>Pseudomonas fragi</i> TCCC11892. <i>RSC Advances</i> , 2018, 8, 39897-39901.	1.7	14
69	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> , 2020, 164, 3065-3074.	3.6	14
70	The food additive fast green FCF inhibits α -synuclein aggregation, disassembles mature fibrils and protects against amyloid-induced neurotoxicity. <i>Food and Function</i> , 2021, 12, 5465-5477.	2.1	14
71	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> , 2020, 159, 444-454.	3.6	14
72	The Vitro Fermentation of Six Functional Oligosaccharides by <i>Clostridium butyricum</i> TK2 and <i>Clostridium butyricum</i> CB8. <i>Food Science and Technology Research</i> , 2014, 20, 1005-1011.	0.3	13

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73	An innovative biotransformation to produce resveratrol by <i>Bacillus safensis</i> . RSC Advances, 2019, 9, 15448-15456.	1.7	13
74	Metagenomic Profiling of the Bacterial Community Changes from Koji to Mash Stage in the Brewing of Soy Sauce. Polish Journal of Microbiology, 2017, 66, 537-541.	0.6	13
75	Preparing oligopeptides from broken rice protein by ultrafiltration-coupled enzymatic hydrolysis. European Food Research and Technology, 2013, 236, 419-424.	1.6	12
76	Identification and characterization of the steroid 15 α -hydroxylase gene from <i>Penicillium raistrickii</i> . Applied Microbiology and Biotechnology, 2017, 101, 6409-6418.	1.7	12
77	Cloning, expression and characterization of a novel fructosyltransferase from <i>Aspergillus niger</i> and its application in the synthesis of fructooligosaccharides. RSC Advances, 2019, 9, 23856-23863.	1.7	12
78	Design of an efficient whole-cell biocatalyst for the production of hydroxyarginine based on a multi-enzyme cascade. Bioresource Technology, 2020, 318, 124261.	4.8	12
79	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> . International Journal of Biological Macromolecules, 2021, 167, 777-786.	3.6	12
80	Cofefermentation of lentils using lactic acid bacteria and <i>Bacillus subtilis</i> natto increases functional and antioxidant components. Journal of Food Science, 2021, 86, 475-483.	1.5	12
81	A novel l-leucine 5-hydroxylase from <i>Nostoc piscinale</i> unravels unexpected sulfoxidation activity toward l-methionine. Protein Expression and Purification, 2018, 149, 1-6.	0.6	11
82	Enzymatic hydrolysis combined with high-pressure homogenisation for the preparation of polysaccharide-based nanoparticles from the by-product of <i>Flammulina velutipes</i> . International Journal of Food Science and Technology, 2018, 53, 2422-2429.	1.3	11
83	A novel unhairing enzyme produced by heterologous expression of keratinase gene (<i>kerT</i>) in <i>Bacillus subtilis</i> . World Journal of Microbiology and Biotechnology, 2019, 35, 122.	1.7	11
84	Efficient Biosynthesis of High-Value Succinic Acid and 5-Hydroxyisoleucine Using a Multienzyme Cascade and Whole-Cell Catalysis. Journal of Agricultural and Food Chemistry, 2019, 67, 12502-12510.	2.4	11
85	Directed evolution of α -amylase from <i>Bacillus licheniformis</i> to enhance its acid-stable performance. Biologia (Poland), 2019, 74, 1363-1372.	0.8	11
86	The discovery and enzymatic characterization of a novel AA10 LPMO from <i>Bacillus amyloliquefaciens</i> with dual substrate specificity. International Journal of Biological Macromolecules, 2022, 203, 457-465.	3.6	11
87	Ulvan inhibits α -synuclein fibrillation and disrupts the mature fibrils: In vitro and in vivo studies. International Journal of Biological Macromolecules, 2022, 211, 580-591.	3.6	11
88	Improved synthesis of isomaltooligosaccharides using immobilized α -glucosidase in organic-aqueous media. Food Science and Biotechnology, 2017, 26, 731-738.	1.2	10
89	15 α -hydroxylation of D-ethylgonendione by <i>Penicillium raistrickii</i> in deep eutectic solvents DESs containing system. Biochemical Engineering Journal, 2020, 164, 107781.	1.8	10
90	Transcriptome based functional identification and application of regulator AbrB on alkaline protease synthesis in <i>Bacillus licheniformis</i> 2709. International Journal of Biological Macromolecules, 2021, 166, 1491-1498.	3.6	10

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91	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> , 2016, 51, 1472-1478.	1.8	9
92	Facile synthesis of (α)-vibio quercitol from maltodextrin via an in vitro synthetic enzymatic biosystem. <i>Biotechnology and Bioengineering</i> , 2019, 116, 2710-2719.	1.7	9
93	Expression and purification of amyloid β ² -protein, tau, and α-synuclein in <i>Escherichia coli</i> : a review. <i>Critical Reviews in Biotechnology</i> , 2020, 40, 475-489.	5.1	9
94	Fast green FCF inhibits Aβ ² fibrillogenesis, disintegrates mature fibrils, reduces the cytotoxicity, and attenuates Aβ ² -induced cognitive impairment in mice. <i>International Journal of Biological Macromolecules</i> , 2021, 170, 33-41.	3.6	9
95	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> , 2021, 193, 1449-1456.	3.6	9
96	Engineered N57P Variant of Ulvan Lyase with Improvement of Catalytic Efficiency and Thermostability via Reducing Loop Flexibility and Anchoring Substrate. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 16415-16423.	3.2	9
97	Limitation of thiamine pyrophosphate supply to growing <i>Escherichia coli</i> switches metabolism to efficient lactate formation. <i>Biotechnology and Bioengineering</i> , 2016, 113, 182-188.	1.7	8
98	<i>B. amyloliquefaciens</i> TCCC 11319, a new Cr(III)-tolerant bacterium for chromium-tanned leather shaving disposal. <i>RSC Advances</i> , 2017, 7, 11455-11461.	1.7	8
99	De novo Sequencing and Transcriptome Analysis Reveal Key Genes Regulating Steroid Metabolism in Leaves, Roots, Adventitious Roots and Calli of <i>Periploca sepium</i> Bunge. <i>Frontiers in Plant Science</i> , 2017, 8, 594.	1.7	8
100	Cloning, expression and characterisation of phospholipase B from <i>Saccharomyces cerevisiae</i> and its application in the synthesis of α-glycerolphosphorylcholine and peanut oil degumming. <i>Biotechnology and Biotechnological Equipment</i> , 2018, 32, 968-973.	0.5	8
101	A novel electrochemical immunosensor based on Au nanoparticles and horseradish peroxidase signal amplification for ultrasensitive detection of α-fetoprotein. <i>Biomedical Microdevices</i> , 2018, 20, 46.	1.4	8
102	Molecular Mediation of Prion-like α-Synuclein Fibrillation from Toxic PFFs to Nontoxic Species. <i>ACS Applied Bio Materials</i> , 2020, 3, 6096-6102.	2.3	8
103	Improving astaxanthin production in <i>Escherichia coli</i> by co-utilizing CrtZ enzymes with different substrate preference. <i>Microbial Cell Factories</i> , 2022, 21, 71.	1.9	8
104	Crystallization and preliminary X-ray diffraction analysis of a novel β ² -L-arabinofuranosidase (HypBA1) from <i>Bifidobacterium longum</i> . <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014, 70, 636-638.	0.4	7
105	A novel glutathione-S transferase immunosensor based on horseradish peroxidase and double-layer gold nanoparticles. <i>Biomedical Microdevices</i> , 2016, 18, 50.	1.4	7
106	Engineering of <i>Bacillus amyloliquefaciens</i> α-Amylase with Improved Calcium Independence and Catalytic Efficiency by Error-Prone PCR. <i>Starch/Staerke</i> , 2018, 70, 1700175.	1.1	7
107	Identification of two novel highly inducible promoters from <i>Bacillus licheniformis</i> by screening transcriptomic data. <i>Genomics</i> , 2020, 112, 1866-1871.	1.3	7
108	Structural Basis of Salicylic Acid Decarboxylase Reveals a Unique Substrate Recognition Mode and Access Channel. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 11616-11625.	2.4	7

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109	Multiple Modular Engineering of <i>Bacillus Amyloliquefaciens</i> Cell Factories for Enhanced Production of Alkaline Proteases From <i>B. Clausii</i> . <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 866066.	2.0	7
110	Insights into the mechanism for the high-alkaline activity of a novel GH43 Î ² -xylosidase from <i>Bacillus clausii</i> with a promising application to produce xylose. <i>Bioorganic Chemistry</i> , 2022, 126, 105887.	2.0	7
111	Multienzymatic cascade synthesis of fucosyloligosaccharide via a two-step fermentation strategy in <i>Escherichia coli</i> . <i>Biotechnology Letters</i> , 2016, 38, 1747-1752.	1.1	6
112	Soluble expression, purification and biochemical characterization of a C-7 cholesterol dehydrogenase from <i>Drosophila melanogaster</i> . <i>Steroids</i> , 2019, 152, 108495.	0.8	6
113	Improvement of the alkali stability of <i>Penicillium cyclopium</i> lipase by error-prone PCR. <i>Electronic Journal of Biotechnology</i> , 2019, 39, 91-97.	1.2	6
114	Proteomic analysis of the earthworm <i>Eisenia fetida</i> exposed to oxytetracycline in soil. <i>RSC Advances</i> , 2019, 9, 41628-41638.	1.7	6
115	Insight into enzyme-catalyzed aziridine formation mechanism in ficellomycin biosynthesis. <i>European Journal of Medicinal Chemistry</i> , 2020, 204, 112639.	2.6	6
116	Enhancing the sustainability of KsdD as a biocatalyst for steroid transformation by immobilization on epoxy support. <i>Enzyme and Microbial Technology</i> , 2021, 146, 109777.	1.6	6
117	Editorial: Lactic Acid Bacteria: Microbial Metabolism and Expanding Applications. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 794164.	2.0	6
118	An Enzymatic Biosensor for the Detection of D-2-Hydroxyglutaric Acid in Serum and Urine. <i>Biosensors</i> , 2022, 12, 66.	2.3	6
119	Rational design to change product specificities and thermostability of cyclodextrin glycosyltransferase from <i>Paenibacillus</i> sp.. <i>RSC Advances</i> , 2017, 7, 13726-13732.	1.7	5
120	A comparative proteomics method for multiple samples based on a 18 O-reference strategy and a quantitation and identification-decoupled strategy. <i>Talanta</i> , 2017, 171, 166-172.	2.9	5
121	Semi-rational mutagenesis of an industrial <i>Streptomyces fungicidicus</i> strain for improved enduracidin productivity. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 3459-3471.	1.7	5
122	Rational design of signal peptides for improved MtC1LPMO production in <i>Bacillus amyloliquefaciens</i> . <i>International Journal of Biological Macromolecules</i> , 2021, 175, 262-269.	3.6	5
123	Heat Acclimation of <i>Bifidobacterium longum</i> and Proteomic Changes Behind It. <i>Probiotics and Antimicrobial Proteins</i> , 2017, 9, 255-261.	1.9	4
124	Molecular Insights into the Inhibitory Effect of GV971 Components Derived from Marine Acidic Oligosaccharides against the Conformational Transition of Al ²⁴² Monomers. <i>ACS Chemical Neuroscience</i> , 2021, 12, 3772-3784.	1.7	4
125	Dietary soybeans worsen dextran sodium sulfate-induced colitis by disrupting intestinal ecology. <i>Food and Function</i> , 2022, , .	2.1	4
126	Functional expression of <i>Trametes versicolor</i> thermotolerant laccase variant in <i>Pichia pastoris</i> . <i>Biotechnology and Biotechnological Equipment</i> , 2016, 30, 261-269.	0.5	3

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127	Expression, Purification, Refolding, and Characterization of a Neverland Protein From <i>Caenorhabditis elegans</i> . <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 593041.	2.0	3
128	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> , 2021, 151, 112152.	2.5	3
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