

# Liang Zhang

## List of Publications by Year in descending order

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152  
papers

2,631  
citations

201385

27  
h-index

301761

39  
g-index

155  
all docs

155  
docs citations

155  
times ranked

2669  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chalcogenâ€“Chalcogen Bonding Catalysis Enables Assembly of Discrete Molecules. <i>Journal of the American Chemical Society</i> , 2019, 141, 9175-9179.	6.6	137
2	Fabrication of Flexible Mesoporous Black Nb <sub>2</sub> O <sub>5</sub> Nanofiber Films for Visibleâ€“Lightâ€“Driven Photocatalytic CO <sub>2</sub> Reduction into CH <sub>4</sub> . <i>Advanced Materials</i> , 2022, 34, e2200756.	11.1	104
3	Unsymmetrical indazolyl-pyridinyl-triazole ligand-promoted highly active iridium complexes supported on hydrotalcite and its catalytic application in water. <i>Green Chemistry</i> , 2018, 20, 1805-1812.	4.6	72
4	Synthesis of cadmium selenide quantum dots modified with thiourea type ligands as fluorescent probes for iodide ions. <i>Journal of Materials Chemistry</i> , 2008, 18, 4543.	6.7	60
5	Where does Au coordinate to <i>N</i> -(2-pyridinyl)benzotriazole: gold-catalyzed chemoselective dehydrogenation and borrowing hydrogen reactions. <i>Organic Chemistry Frontiers</i> , 2018, 5, 203-209.	2.3	58
6	Effects of culture conditions on monosaccharide composition of <i>Ganoderma lucidum</i> exopolysaccharide and on activities of related enzymes. <i>Carbohydrate Polymers</i> , 2015, 133, 104-109.	5.1	57
7	Nuclearâ€“localized AtHSPR links abscisic acidâ€“dependent salt tolerance and antioxidant defense in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2015, 84, 1274-1294.	2.8	51
8	Biomimetic apposition compound eye fabricated using microfluidic-assisted 3D printing. <i>Nature Communications</i> , 2021, 12, 6458.	5.8	51
9	Chiral colorimetric recognition of amino acids based on silver nanoparticle clusters. <i>New Journal of Chemistry</i> , 2012, 36, 1442.	1.4	49
10	The Multiclass Fault Diagnosis of Wind Turbine Bearing Based on Multisource Signal Fusion and Deep Learning Generative Model. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022, 71, 1-12.	2.4	48
11	Fault Diagnosis of Bearing in Wind Turbine Gearbox Under Actual Operating Conditions Driven by Limited Data With Noise Labels. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-10.	2.4	44
12	Preparation of immobilized lipase by modified polyacrylonitrile hollow membrane using nitrile-click chemistry. <i>Bioresource Technology</i> , 2019, 274, 9-17.	4.8	43
13	A systems level engineered <i>E. coli</i> capable of efficiently producing L-phenylalanine. <i>Process Biochemistry</i> , 2014, 49, 751-757.	1.8	41
14	The nitrogen removal characterization of a cold-adapted bacterium: <i>Bacillus simplex</i> H-b. <i>Bioresource Technology</i> , 2021, 323, 124554.	4.8	39
15	A novel method for carbon removal and valuable metal recovery by incorporating steam into the reduction-roasting process of spent lithium-ion batteries. <i>Waste Management</i> , 2021, 134, 100-109.	3.7	36
16	Heterologous pathway for the production of L-phenylglycine from glucose by <i>E. coli</i> . <i>Journal of Biotechnology</i> , 2014, 186, 91-97.	1.9	35
17	Omics analysis of acetic acid tolerance in <i>Saccharomyces cerevisiae</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2017, 33, 94.	1.7	35
18	A highly sensitive and selective colorimetric sensor for the detection of Mn <sup>2+</sup> based on supramolecular silver nanoparticle clusters. <i>New Journal of Chemistry</i> , 2014, 38, 2237-2240.	1.4	34

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19	A Cost-Effective Relative Humidity Sensor Based on Side Coupling Induction Technology. <i>Sensors</i> , 2017, 17, 944.	2.1	34
20	Synthesis, characterization and ROS-mediated antitumor effects of palladium(II) complexes of curcuminoids. <i>European Journal of Medicinal Chemistry</i> , 2018, 144, 662-671.	2.6	34
21	A Student's T-Based Measurement Uncertainty Filter for SINS/USBL Tightly Integration Navigation System. <i>IEEE Transactions on Vehicular Technology</i> , 2021, 70, 8627-8638.	3.9	34
22	Overproduction of Î±-Farnesene in <i>Saccharomyces cerevisiae</i> by Farnesene Synthase Screening and Metabolic Engineering. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 3103-3113.	2.4	33
23	Improving the ethanol yield by reducing glycerol formation using cofactor regulation in <i>Saccharomyces cerevisiae</i> . <i>Biotechnology Letters</i> , 2011, 33, 1375-1380.	1.1	32
24	Direct Cyclization of Tertiary Aryl Amines with Iodonium Ylides. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3792-3796.	7.2	32
25	Copper Foam Electrodes for Increased Power Generation in Thermally Regenerative Ammonia-Based Batteries for Low-Grade Waste Heat Recovery. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 7408-7415.	1.8	32
26	Preparation and characterization of copper-Brevibacterium cholesterol oxidase hybrid nanoflowers. <i>International Journal of Biological Macromolecules</i> , 2019, 126, 539-548.	3.6	32
27	Efficient electrocatalytic water splitting by bimetallic cobalt iron boride nanoparticles with controlled electronic structure. <i>Journal of Colloid and Interface Science</i> , 2021, 604, 650-659.	5.0	32
28	Anolyte recirculation effects in buffered and unbuffered single-chamber air-cathode microbial fuel cells. <i>Bioresource Technology</i> , 2015, 179, 26-34.	4.8	31
29	Development of an Inducible Secretory Expression System in <i>Bacillus licheniformis</i> Based on an Engineered Xylose Operon. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 9456-9464.	2.4	29
30	Metabolic engineering of <i>Escherichia coli</i> W3110 for the production of <i>l</i> -methionine. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2017, 44, 75-88.	1.4	28
31	Enhanced stability and high temperature-tolerance of CO <sub>2</sub> foam based on a long-chain viscoelastic surfactant for CO <sub>2</sub> foam flooding. <i>RSC Advances</i> , 2019, 9, 8672-8683.	1.7	28
32	Incorporating Load Fluctuation in Feature Importance Profile Clustering for Day-Ahead Aggregated Residential Load Forecasting. <i>IEEE Access</i> , 2020, 8, 25198-25209.	2.6	28
33	An Efficient Constrained Weighted Least Squares Method With Bias Reduction for TDOA-Based Localization. <i>IEEE Sensors Journal</i> , 2021, 21, 10122-10131.	2.4	28
34	A Golden-Gate Based Cloning Toolkit to Build Violacein Pathway Libraries in <i>Yarrowia lipolytica</i> . <i>ACS Synthetic Biology</i> , 2021, 10, 115-124.	1.9	28
35	Lead (II) ion detection in surface water with pM sensitivity using aza-crown-ether-modified silver nanoparticles via dynamic light scattering. <i>Nanotechnology</i> , 2011, 22, 275504.	1.3	25
36	Metabolic engineering of <i>Escherichia coli</i> for the production of phenylpyruvate derivatives. <i>Metabolic Engineering</i> , 2015, 32, 55-65.	3.6	24

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37	Constitutive expression of the <i>DUR1,2</i> gene in an industrial yeast strain to minimize ethyl carbamate production during Chinese rice wine fermentation. <i>FEMS Microbiology Letters</i> , 2016, 363, fnv214.	0.7	24
38	A new agent developed by biotransformation of polyphyllin VII inhibits chemoresistance in breast cancer. <i>Oncotarget</i> , 2016, 7, 31814-31824.	0.8	23
39	Engineering of the glycerol decomposition pathway and cofactor regulation in an industrial yeast improves ethanol production. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2013, 40, 1153-1160.	1.4	22
40	Investigation of debranching pattern of a thermostable isoamylase and its application for the production of resistant starch. <i>Carbohydrate Research</i> , 2017, 446-447, 93-100.	1.1	22
41	Carcinogenic Risk of 2,6-Di- <i>tert</i> -Butylphenol and Its Quinone Metabolite 2,6-DTBQ Through Their Interruption of RAR $\beta$ : <i>In Vivo</i> , <i>In Vitro</i> , and <i>In Silico</i> Investigations. <i>Environmental Science &amp; Technology</i> , 2022, 56, 480-490.	4.6	22
42	Effects of Green Emission on the Performance of White Organic Light-Emitting Devices and Their Electroluminescent Characteristics. <i>Journal of Physical Chemistry C</i> , 2011, 115, 24341-24346.	1.5	21
43	Response of anodic biofilm and the performance of microbial fuel cells to different discharging current densities. <i>Bioresource Technology</i> , 2017, 233, 1-6.	4.8	21
44	Unstable Allotetraploid Tobacco Genome due to Frequent Homeologous Recombination, Segmental Deletion, and Chromosome Loss. <i>Molecular Plant</i> , 2018, 11, 914-927.	3.9	21
45	Efficient Underwater Acoustical Localization Method Based On Time Difference and Bearing Measurements. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-16.	2.4	21
46	Effects of mixed carbon sources on galactose and mannose content of exopolysaccharides and related enzyme activities in <i>Ganoderma lucidum</i> . <i>RSC Advances</i> , 2016, 6, 39284-39291.	1.7	20
47	Uneven biofilm and current distribution in three-dimensional macroporous anodes of bio-electrochemical systems composed of graphite electrode arrays. <i>Bioresource Technology</i> , 2017, 228, 25-30.	4.8	20
48	Pharmacological characterization of a novel gastrodin derivative as a potential anti-migraine agent. <i>FAA-toterapA-Âç</i> , 2016, 109, 52-57.	1.1	19
49	Rational nanostructured FeSe <sub>2</sub> wrapped in nitrogen-doped carbon shell for high-rate capability and long cycling sodium-ion storage. <i>Journal of Colloid and Interface Science</i> , 2022, 622, 840-848.	5.0	19
50	Engineering of isoamylase: improvement of protein stability and catalytic efficiency through semi-rational design. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2016, 43, 3-12.	1.4	18
51	Display of phytase on the cell surface of <i>Saccharomyces cerevisiae</i> to degrade phytate phosphorus and improve bioethanol production. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 2449-2458.	1.7	18
52	An ultrasensitive biosensor for dual-specific DNA based on deposition of polyaniline on a self-assembled multi-functional DNA hexahedral-nanostructure. <i>Biosensors and Bioelectronics</i> , 2021, 179, 113066.	5.3	18
53	The Expression of Porcine Prdx6 Gene Is Up-Regulated by C/EBP $\beta$ and CREB. <i>PLoS ONE</i> , 2015, 10, e0144851.	1.1	17
54	A Calibration Method of USBL Installation Error Based on Attitude Determination. <i>IEEE Transactions on Vehicular Technology</i> , 2020, 69, 8317-8328.	3.9	17

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55	Effect of electric field on the microstructure and electrical properties of (In <sup>+</sup> +Ta) co-doped TiO <sub>2</sub> colossal dielectric ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 6283-6293.	1.1	16
56	Synthesizing Superior Flexible Oxide Perovskite Ceramic Nanofibers by Precisely Controlling Crystal Nucleation and Growth. <i>Small</i> , 2022, 18, e2106500.	5.2	16
57	Production and characterization of milk-clotting enzyme from <i>Bacillus amyloliquefaciens</i> JNU002 by submerged fermentation. <i>European Food Research and Technology</i> , 2012, 234, 415-421.	1.6	15
58	In situ growth of ZnO nanorod arrays on cotton cloth for the removal of uranium( <sup>vi</sup> ). <i>RSC Advances</i> , 2015, 5, 53433-53440.	1.7	15
59	Construction and application of multi-host integrative vector system for xylose-fermenting yeast. <i>FEMS Yeast Research</i> , 2017, 17, .	1.1	15
60	Transcriptional Changes in the Xylose Operon in <i>Bacillus licheniformis</i> and Their Use in Fermentation Optimization. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4615.	1.8	15
61	Engineering of a Biosensor in Response to Malate in <i>Bacillus licheniformis</i> . <i>ACS Synthetic Biology</i> , 2021, 10, 1775-1784.	1.9	15
62	Methyl lucidenate F isolated from the ethanol-soluble-acidic components of <i>Ganoderma lucidum</i> is a novel tyrosinase inhibitor. <i>Biotechnology and Bioprocess Engineering</i> , 2011, 16, 457-461.	1.4	14
63	A calibration method of ultra-short baseline installation error with large misalignment based on variational Bayesian unscented Kalman filter. <i>Review of Scientific Instruments</i> , 2019, 90, 055003.	0.6	14
64	The Characterization of Two-Component System PmrA/PmrB in <i>Cronobacter sakazakii</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 903.	1.5	14
65	Enhancing Geranylgeraniol Production by Metabolic Engineering and Utilization of Isoprenol as a Substrate in <i>Saccharomyces cerevisiae</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 4480-4489.	2.4	14
66	A novel constructed SPT15 mutagenesis library of <i>Saccharomyces cerevisiae</i> by using gTME technique for enhanced ethanol production. <i>AMB Express</i> , 2017, 7, 111.	1.4	13
67	Impact of Taihu Lake on city ozone in the Yangtze River Delta. <i>Advances in Atmospheric Sciences</i> , 2017, 34, 226-234.	1.9	13
68	A Novel Ultrasonic Method for Liquid Level Measurement Based on the Balance of Echo Energy. <i>Sensors</i> , 2017, 17, 706.	2.1	13
69	Unraveling the specific regulation of the shikimate pathway for tyrosine accumulation in <i>Bacillus licheniformis</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2019, 46, 1047-1059.	1.4	13
70	An Ultra-Short Baseline Positioning Model Based on Rotating Array & Reusing Elements and Its Error Analysis. <i>Sensors</i> , 2019, 19, 4373.	2.1	13
71	Performance of a Thermally Regenerative Battery with 3D-Printed Cu/C Composite Electrodes: Effect of Electrode Pore Size. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 21286-21293.	1.8	13
72	Liquid Level Measurement Model Outside of Closed Containers Based on Continuous Sound Wave Amplitude. <i>Sensors</i> , 2018, 18, 2516.	2.1	12

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73	Biochemical analyses of a novel thermostable GH5 endo $\beta$ -1,4-mannanase with minor $\beta$ -1,4-glucosidic cleavage activity from <i>Bacillus</i> sp. KW1 and its synergism with a commercial $\beta$ -galactosidase on galactomannan hydrolysis. <i>International Journal of Biological Macromolecules</i> , 2021, 166, 778-788.	3.6	12
74	A new CcpA binding site plays a bidirectional role in carbon catabolism in <i>Bacillus licheniformis</i> . <i>IScience</i> , 2021, 24, 102400.	1.9	12
75	Preparation of efficient, stable, and reusable copper-phosphotriesterase hybrid nanoflowers for biodegradation of organophosphorus pesticides. <i>Enzyme and Microbial Technology</i> , 2021, 146, 109766.	1.6	12
76	GMSK-SLAM: a new RGB-D SLAM method with dynamic areas detection towards dynamic environments. <i>Multimedia Tools and Applications</i> , 2021, 80, 31729-31751.	2.6	12
77	Direct Cyclization of Tertiary Aryl Amines with Iodonium Ylides. <i>Angewandte Chemie</i> , 2018, 130, 3854-3858.	1.6	11
78	A misalignment angle error calibration method of underwater acoustic array in strapdown inertial navigation system/ultrashort baseline integrated navigation system based on single transponder mode. <i>Review of Scientific Instruments</i> , 2019, 90, 085001.	0.6	11
79	Effects of Y Doping on Dielectric and Varistor Properties of CaCu <sub>3</sub> Ti <sub>4</sub> O <sub>12</sub> Thin Films. <i>Journal of Electronic Materials</i> , 2020, 49, 7379-7385.	1.0	11
80	Construction of a novel sugar alcohol-inducible expression system in <i>Bacillus licheniformis</i> . <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 5409-5425.	1.7	11
81	Microbial production of small peptide: pathway engineering and synthetic biology. <i>Microbial Biotechnology</i> , 2021, 14, 2257-2278.	2.0	11
82	Preparation and characterization of a novel thermostable lipase from <i>Thermomicrobium roseum</i> . <i>Catalysis Science and Technology</i> , 2021, 11, 7386-7397.	2.1	11
83	Genetic dissection of acetic acid tolerance in <i>Saccharomyces cerevisiae</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2016, 32, 145.	1.7	10
84	A Novel and Robust Calibration Method for the Underwater Transponder Position. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-12.	2.4	10
85	Optimum chalcone synthase for flavonoid biosynthesis in microorganisms. <i>Critical Reviews in Biotechnology</i> , 2021, 41, 1194-1208.	5.1	10
86	Impact of pmrA on <i>Cronobacter sakazakii</i> planktonic and biofilm cells: A comprehensive transcriptomic study. <i>Food Microbiology</i> , 2021, 98, 103785.	2.1	10
87	Ancestral sequence reconstruction and spatial structure analysis guided alteration of longer-chain substrate catalysis for <i>Thermomicrobium roseum</i> lipase. <i>Enzyme and Microbial Technology</i> , 2022, 156, 109989.	1.6	10
88	A Novel SINS/USBL Tightly Integrated Navigation Strategy Based on Improved ANFIS. <i>IEEE Sensors Journal</i> , 2022, 22, 9763-9777.	2.4	10
89	Step-feed strategy enhances performance of unbuffered air-cathode microbial fuel cells. <i>RSC Advances</i> , 2017, 7, 33961-33966.	1.7	9
90	Efficient Genome Editing in <i>Bacillus licheniformis</i> Mediated by a Conditional CRISPR/Cas9 System. <i>Microorganisms</i> , 2020, 8, 754.	1.6	9

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91	The alteration of gut microbiota by bioactive peptides: a review. <i>Systems Microbiology and Biomanufacturing</i> , 2021, 1, 363-377.	1.5	9
92	Self-assembled multifunctional Fe <sub>3</sub> O <sub>4</sub> hierarchical microspheres: high-efficiency lithium-ion battery materials and hydrogenation catalysts. <i>Science China Materials</i> , 2021, 64, 1058-1070.	3.5	9
93	Transcriptome Analysis of <i>Bacillus licheniformis</i> for Improving Bacitracin Production. <i>ACS Synthetic Biology</i> , 2022, 11, 1325-1335.	1.9	9
94	The Feasibility of Using Cu as Reflective Anode in Top-Emitting Organic Light-Emitting Diodes. <i>Journal of Display Technology</i> , 2011, 7, 515-519.	1.3	8
95	A Novel and Rapid Method for Yeast Vitality Evaluation Based on the Methylene Blue Dye Reduction Test. <i>Journal of the American Society of Brewing Chemists</i> , 2011, 69, 44-49.	0.8	8
96	An Optical Fiber Liquid Level Sensor Based on Side Coupling Induction Technology. <i>Journal of Sensors</i> , 2018, 2018, 1-6.	0.6	8
97	Intramolecular Annulation of Gossypol by Laccase to Produce Safe Cottonseed Protein. <i>Frontiers in Chemistry</i> , 2020, 8, 583176.	1.8	8
98	Study on the Transmission and Evolution Characteristics of Vibration Wave from Vibratory Roller to Filling Materials Based on the Field Test. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2008.	1.3	8
99	A SINS Aided Correct Method for USBL Range Based on Maximum Correntropy Criterion Adaptive Filter. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022, 71, 1-13.	2.4	8
100	Hot cracking behavior of large size GH4742 superalloy vacuum induction melting ingot. <i>Journal of Iron and Steel Research International</i> , 2022, 29, 1505-1512.	1.4	8
101	Application of full permeate recycling to very high gravity ethanol fermentation from corn. <i>Korean Journal of Chemical Engineering</i> , 2009, 26, 719-723.	1.2	7
102	A two-stage oxygen supply control strategy for enhancing milk-clotting enzyme production by <i>Bacillus amyloliquefaciens</i> . <i>European Food Research and Technology</i> , 2012, 234, 1043-1048.	1.6	7
103	Secretory expression of a phospholipase A2 from <i>Lactobacillus casei</i> DSM20011 in <i>Kluyveromyces lactis</i> . <i>Journal of Bioscience and Bioengineering</i> , 2015, 120, 601-607.	1.1	7
104	Structural-based screening of L-phenylglycine aminotransferase using L-phenylalanine as the optimal amino donor: Recycling of L-phenylalanine to produce L-phenylglycine. <i>Biotechnology and Bioprocess Engineering</i> , 2016, 21, 153-159.	1.4	7
105	Preparation, reconstruction, and characterization of a predicted <i>Thermomicrobium roseum</i> sarcosine oxidase. <i>Molecular Catalysis</i> , 2018, 455, 132-142.	1.0	7
106	A High-Order Coning Error Compensation Algorithm Under High Rate Maneuvering. <i>IEEE Sensors Journal</i> , 2020, 20, 208-218.	2.4	7
107	Improving (2S)-naringenin production by exploring native precursor pathways and screening higher-active chalcone synthases from plants rich in flavonoids. <i>Enzyme and Microbial Technology</i> , 2022, 156, 109991.	1.6	7
108	Dynamic Probabilistic Predictable Feature Analysis for Multivariate Temporal Process Monitoring. <i>IEEE Transactions on Control Systems Technology</i> , 2022, 30, 2573-2584.	3.2	7

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109	The overexpression of <i>DUR1,2</i> and deletion of <i>CAR1</i> in an industrial <i>Saccharomyces cerevisiae</i> strain and effects on nitrogen catabolite repression in Chinese rice wine production. <i>Journal of the Institute of Brewing</i> , 2016, 122, 480-485.	0.8	6
110	A self-recirculation electrolyte system for unbuffered microbial fuel cells with an aerated cathode. <i>Bioresource Technology</i> , 2017, 241, 1173-1177.	4.8	6
111	Inducible expression of trehalose synthase in <i>Bacillus licheniformis</i> . <i>Protein Expression and Purification</i> , 2017, 130, 115-122.	0.6	6
112	Soluble expression of <i>Thermomicrobium roseum</i> sarcosine oxidase and characterization of N-demethylation activity. <i>Molecular Catalysis</i> , 2019, 464, 48-56.	1.0	6
113	<i>In situ</i> formed graphene nanosheets enhance bidirectional electron transfer in bioelectrochemical systems. <i>Sustainable Energy and Fuels</i> , 2020, 4, 2386-2395.	2.5	6
114	Performance of a thermally regenerative ammonia-based battery using gradient-porous copper foam electrodes. <i>Science China Technological Sciences</i> , 2021, 64, 696-704.	2.0	6
115	Promote the expression and corrected folding of an extremely stable N-demethylase by promoter reconstruction, native environment simulation and surface design. <i>International Journal of Biological Macromolecules</i> , 2021, 178, 434-443.	3.6	6
116	A Novel Regulator Participating in Nitrogen Removal Process of <i>Bacillus subtilis</i> JD-014. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6543.	1.8	6
117	Combining Precursor-Directed Engineering with Modular Designing: An Effective Strategy for De Novo Biosynthesis of <i>l</i> -DOPA in <i>Bacillus licheniformis</i> . <i>ACS Synthetic Biology</i> , 2022, 11, 700-712.	1.9	6
118	A Novel Robust Inertial and Ultra-Short Baseline Integrated Navigation Strategy Under the Influence of Motion Effect. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022, 23, 19323-19334.	4.7	6
119	Sequence-based screening and characterization of cytosolic mandelate oxidase using oxygen as electron acceptor. <i>Enzyme and Microbial Technology</i> , 2015, 69, 24-30.	1.6	5
120	<i>In vivo</i> gene expression profiling for chemosensitivity to docetaxel-cisplatin-5-FU (TPF) triplet regimen in laryngeal squamous cell carcinoma and the effect of TPF treatment on related gene expression <i>in vitro</i> . <i>Acta Oto-Laryngologica</i> , 2017, 137, 765-772.	0.3	5
121	Enhancement of a Continuous Liquid Level Sensor Based on a Macro-Bend Polymer Optical Fiber Coupler. <i>IEEE Photonics Journal</i> , 2018, 10, 1-6.	1.0	5
122	The Practical Method to Synthesize Gold Nanoparticles Supported on Hydrotalcite and Application on Oxidation and Hydration Reactions. <i>ChemistrySelect</i> , 2019, 4, 10376-10380.	0.7	5
123	On-going nitrification in chloraminated drinking water distribution system (DWDS) is conditioned by hydraulics and disinfection strategies. <i>Journal of Environmental Sciences</i> , 2020, 96, 151-162.	3.2	4
124	Self-assembly of metal-cholesterol oxidase hybrid nanostructures and application in bioconversion of steroids derivatives. <i>Frontiers of Chemical Science and Engineering</i> , 2021, 15, 615-629.	2.3	4
125	CcpA mutants influence selective carbon source utilization by changing interactions with target genes in <i>Bacillus licheniformis</i> . <i>Systems Microbiology and Biomanufacturing</i> , 0, , 1.	1.5	4
126	Phase-Controllable Synthesis of Multifunctional $1T\text{-MoSe}_2$ Nanostructures: Applications in Lithium-Ion Batteries, Electrocatalytic Hydrogen Evolution, and the Hydrogenation Reaction. <i>ChemElectroChem</i> , 2021, 8, 4148-4155.	1.7	4



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127	Study of combustion and emission characteristics of turbocharged diesel engine fuelled with dimethylether. <i>Frontiers of Energy and Power Engineering in China</i> , 2008, 2, 79-85.	0.4	3
128	Production of L-lactic acid with very high gravity distillery wastewater from ethanol fermentation by a newly isolated <i>Enterococcus hawaiiensis</i> . <i>Journal of Chemical Technology and Biotechnology</i> , 2011, 86, 213-216.	1.6	3
129	Enhancing the antimicrobial activity of <i>Sus scrofa</i> lysozyme by N-terminal fusion of a sextuple unique homologous peptide. <i>Journal of Biotechnology</i> , 2017, 243, 61-68.	1.9	3
130	Affinity adsorption of bovine hyaluronidase with ligands targeting to active site. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1092, 422-431.	1.2	3
131	A Robust Calibration Method for the Underwater Transponder Position Based on Gauss-Newton Iteration Algorithm. , 2019, , .		3
132	Reductase-catalyzed tetrahydrobiopterin regeneration alleviates the anti-competitive inhibition of tyrosine hydroxylation by 7,8-dihydrobiopterin. <i>Catalysis Science and Technology</i> , 2021, 11, 3128-3140.	2.1	3
133	Mechanism of Laccase Induction via Emodin in <i>Trametes versicolor</i> . <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 653800.	2.0	3
134	Recovery of Phosphorus in Wastewater in the Form of Polyphosphates: A Review. <i>Processes</i> , 2022, 10, 144.	1.3	3
135	Recreating the natural evolutionary trend in key microdomains provides an effective strategy for engineering of a thermomicrobial N-demethylase. <i>Journal of Biological Chemistry</i> , 2022, 298, 101656.	1.6	3
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