Yin Li

List of Publications by Year
in descending order

170 papers	7,709 citations	38720 50 h-index	64755 79 g-index
183 all docs	183 docs citations	183 times ranked	7287 citing authors

#	Article	IF	Citations
1	Bacteriocin production as a mechanism for the antiinfective activity of Lactobacillus salivarius UCC118. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 7617-7621.	3.3	690
2	Cell-free chemoenzymatic starch synthesis from carbon dioxide. Science, 2021, 373, 1523-1527.	6.0	274
3	Glutathione: a review on biotechnological production. Applied Microbiology and Biotechnology, 2004, 66, 233-242.	1.7	257
4	Identification of Key Constituents and Structure of the Extracellular Polymeric Substances Excreted by <i>Bacillus megaterium</i> TF10 for Their Flocculation Capacity. Environmental Science & Technology, 2011, 45, 1152-1157.	4.6	248
5	Multireplicon genome architecture of Lactobacillus salivarius. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 6718-6723.	3.3	216
6	Comparative and Functional Analysis of Sortase-Dependent Proteins in the Predicted Secretome of Lactobacillus salivarius UCC118. Applied and Environmental Microbiology, 2006, 72, 4143-4153.	1.4	145
7	Glutathione Protects Lactococcus lactis against Oxidative Stress. Applied and Environmental Microbiology, 2003, 69, 5739-5745.	1.4	139
8	Constructing a synthetic pathway for acetyl-coenzyme A from one-carbon through enzyme design. Nature Communications, 2019, 10, 1378.	5.8	128
9	Designing and creating a modularized synthetic pathway in cyanobacterium Synechocystis enables production of acetone from carbon dioxide. Metabolic Engineering, 2012, 14, 394-400.	3.6	127
10	Proteome Reference Map and Comparative Proteomic Analysis between a Wild Type<i>Clostridium acetobutylicum</i>DSM 1731 and its Mutant with Enhanced Butanol Tolerance and Butanol Yield. Journal of Proteome Research, 2010, 9, 3046-3061.	1.8	119
11	Inactivation of aldehyde dehydrogenase: A key factor for engineering 1,3-propanediol production by Klebsiella pneumoniae. Metabolic Engineering, 2006, 8, 578-586.	3.6	117
12	Discovery of a super-strong promoter enables efficient production of heterologous proteins in cyanobacteria. Scientific Reports, 2014, 4, 4500.	1.6	112
13	Introduction of an NADH regeneration system into Klebsiella oxytoca leads to an enhanced oxidative and reductive metabolism of glycerol. Metabolic Engineering, 2009, 11, 101-106.	3.6	108
14	Economical challenges to microbial producers of butanol: Feedstock, butanol ratio and titer. Biotechnology Journal, 2011, 6, 1348-1357.	1.8	108
15	Formic Acid Triggers the â€œAcid Crashâ€•of Acetone-Butanol-Ethanol Fermentation by <i>Clostridium acetobutylicum</i>. Applied and Environmental Microbiology, 2011, 77, 1674-1680.	1.4	108
16	Production of a novel polygalacturonic acid bioflocculant REA-11 by Corynebacterium glutamicum. Bioresource Technology, 2004, 94, 99-105.	4.8	105
17	Use of oxidoreduction potential as an indicator to regulate 1,3-propanediol fermentation by Klebsiella pneumoniae. Applied Microbiology and Biotechnology, 2006, 69, 554-563.	1.7	98
18	Engineering Microorganisms for Enhanced CO2 Sequestration. Trends in Biotechnology, 2019, 37, 532-547.	4.9	86

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19	Glutathione Protects Lactococcus lactis against Acid Stress. Applied and Environmental Microbiology, 2007, 73, 5268-5275.	1.4	83
20	Performances of Lactobacillus brevis for Producing Lactic Acid from Hydrolysate of Lignocellulosics. Applied Biochemistry and Biotechnology, 2010, 161, 124-136.	1.4	80
21	Engineering <i>Saccharomyces cerevisiae</i> for efficient anaerobic xylose fermentation: Reflections and perspectives. Biotechnology Journal, 2012, 7, 34-46.	1.8	79
22	Allelic Variation of Bile Salt Hydrolase Genes in <i>Lactobacillus salivarius</i> Does Not Determine Bile Resistance Levels. Journal of Bacteriology, 2009, 191, 5743-5757.	1.0	78
23	Biochemical and Structural Characterization of the Intracellular Mannanase AaManA of Alicyclobacillus acidocaldarius Reveals a Novel Glycoside Hydrolase Family Belonging to Clan GH-A. Journal of Biological Chemistry, 2008, 283, 31551-31558.	1.6	76
24	Comparative Genomics and Transcriptional Analysis of Prophages Identified in the Genomes of Lactobacillus gasseri, Lactobacillus salivarius, and Lactobacillus casei. Applied and Environmental Microbiology, 2006, 72, 3130-3146.	1.4	75
25	Stereo reconstruction from multiperspective panoramas. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2004, 26, 45-62.	9.7	72
26	Engineering the robustness of Clostridium acetobutylicum by introducing glutathione biosynthetic capability. Metabolic Engineering, 2011, 13, 426-434.	3.6	71
27	Effect of surfactants on extracellular accumulation of glutathione by Saccharomyces cerevisiae. Process Biochemistry, 2003, 38, 1133-1138.	1.8	70
28	Engineering Clostridium Strain to Accept Unmethylated DNA. PLoS ONE, 2010, 5, e9038.	1.1	69
29	Strain-specific inhibition of Helicobacter pylori by Lactobacillus salivarius and other lactobacilli. Journal of Antimicrobial Chemotherapy, 2008, 61, 831-834.	1.3	68
30	Enhancement of pyruvate production by osmotic-tolerant mutant of Torulopsis glabrata. Biotechnology and Bioengineering, 2007, 97, 825-832.	1.7	67
31	Glutathione Protects <i>Lactobacillus sanfranciscensis</i> against Freeze-Thawing, Freeze-Drying, and Cold Treatment. Applied and Environmental Microbiology, 2010, 76, 2989-2996.	1.4	66
32	Engineering the robustness of industrial microbes through synthetic biology. Trends in Microbiology, 2012, 20, 94-101.	3.5	65
33	Redistribution of carbon flux in Torulopsis glabrata by altering vitamin and calcium level. Metabolic Engineering, 2007, 9, 21-29.	3.6	63
34	The importance of engineering physiological functionality into microbes. Trends in Biotechnology, 2009, 27, 664-672.	4.9	63
35	Proteomic Analyses To Reveal the Protective Role of Glutathione in Resistance of <i>Lactococcus lactis</i> to Osmotic Stress. Applied and Environmental Microbiology, 2010, 76, 3177-3186.	1.4	63
36	Introducing a single secondary alcohol dehydrogenase into butanol-tolerant Clostridium acetobutylicum Rh8 switches ABE fermentation to high level IBE fermentation. Biotechnology for Biofuels, 2012, 5, 44.	6.2	63

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37	Introducing extra NADPH consumption ability significantly increases the photosynthetic efficiency and biomass production of cyanobacteria. Metabolic Engineering, 2016, 38, 217-227.	3.6	62
38	Quantitative analysis of an engineered CO2-fixing Escherichia coli reveals great potential of heterotrophic CO2 fixation. Biotechnology for Biofuels, 2015, 8, 86.	6.2	61
39	Identification of a novel bioflocculant from a newly isolated Corynebacterium glutamicum. Biochemical Engineering Journal, 2002, 11, 137-148.	1.8	59
40	Synthetic biology for CO2 fixation. Science China Life Sciences, 2016, 59, 1106-1114.	2.3	59
41	Biological carbon fixation: From natural to synthetic. Journal of CO2 Utilization, 2018, 28, 221-227.	3.3	57
42	Manipulating the pyruvate dehydrogenase bypass of a multi-vitamin auxotrophic yeast Torulopsis glabrata enhanced pyruvate production. Letters in Applied Microbiology, 2004, 39, 199-206.	1.0	56
43	Enhancement of pyruvate productivity in Torulopsis glabrata: Increase of NAD+ availability. Journal of Biotechnology, 2006, 126, 173-185.	1.9	55
44	From cyanochemicals to cyanofactories: a review and perspective. Microbial Cell Factories, 2016, 15, 2.	1.9	55
45	Engineering synergetic CO2-fixing pathways for malate production. Metabolic Engineering, 2018, 47, 496-504.	3.6	55
46	A systematically chromosomally engineered Escherichia coli efficiently produces butanol. Metabolic Engineering, 2017, 44, 284-292.	3.6	54
47	Distribution of Megaplasmids in Lactobacillus salivarius and Other Lactobacilli. Journal of Bacteriology, 2007, 189, 6128-6139.	1.0	53
48	Development of an anhydrotetracycline-inducible gene expression system for solvent-producing Clostridium acetobutylicum: A useful tool for strain engineering. Metabolic Engineering, 2012, 14, 59-67.	3.6	53
49	Controlling the oxidoreduction potential of the culture of Clostridium acetobutylicum leads to an earlier initiation of solventogenesis, thus increasing solvent productivity. Applied Microbiology and Biotechnology, 2012, 93, 1021-1030.	1.7	53
50	Development of an activity-directed selection system enabled significant improvement of the carboxylation efficiency of Rubisco. Protein and Cell, 2014, 5, 552-562.	4.8	53
51	Solution Behavior and Activity of a Halophilic Esterase under High Salt Concentration. PLoS ONE, 2009, 4, e6980.	1.1	51
52	Genome replication engineering assisted continuous evolution (GREACE) to improve microbial tolerance for biofuels production. Biotechnology for Biofuels, 2013, 6, 137.	6.2	50
53	Polyphasic analysis indicates that Lactobacillus salivarius subsp. salivarius and Lactobacillus salivarius subsp. salicinius do not merit separate subspecies status. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 2397-2403.	0.8	50
54	Novel Redox Potential-Based Screening Strategy for Rapid Isolation of Klebsiella pneumoniae Mutants with Enhanced 1,3-Propanediol-Producing Capability. Applied and Environmental Microbiology, 2007, 73, 4515-4521.	1.4	49

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55	Comparative analysis on the membrane proteome of Clostridium acetobutylicum wild type strain and its butanol-tolerant mutant. Molecular BioSystems, 2011, 7, 1660.	2.9	48
56	Understanding the industrial application potential of lactic acid bacteria through genomics. Applied Microbiology and Biotechnology, 2009, 83, 597-610.	1.7	47
57	<i>Pichia pastoris</i> as a Versatile Cell Factory for the Production of Industrial Enzymes and Chemicals: Current Status and Future Perspectives. Biotechnology Journal, 2019, 14, e1800694.	1.8	47
58	Characterization of Endogenous Plasmids from <i>Lactobacillus salivarius</i> UCC118. Applied and Environmental Microbiology, 2008, 74, 3216-3228.	1.4	46
59	Using Lactococcus lactis for glutathione overproduction. Applied Microbiology and Biotechnology, 2005, 67, 83-90.	1.7	45
60	Fibrinogenâ€binding and plateletâ€aggregation activities of a <i>Lactobacillus salivarius</i> septicaemia isolate are mediated by a novel fibrinogenâ€binding protein. Molecular Microbiology, 2012, 85, 862-877.	1.2	45
61	Development of a longevous two-species biophotovoltaics with constrained electron flow. Nature Communications, 2019, 10, 4282.	5.8	45
62	Lactobacillus plantarum DR7 Modulated Bowel Movement and Gut Microbiota Associated with Dopamine and Serotonin Pathways in Stressed Adults. International Journal of Molecular Sciences, 2020, 21, 4608.	1.8	44
63	Application of response surface methodology in medium optimization for spore production of Coniothyrium minitans in solid-state fermentation. World Journal of Microbiology and Biotechnology, 2005, 21, 593-599.	1.7	43
64	Complete Genome Sequence of Clostridium acetobutylicum DSM 1731, a Solvent-Producing Strain with Multireplicon Genome Architecture. Journal of Bacteriology, 2011, 193, 5007-5008.	1.0	43
65	Engineering cyanobacteria for fuels and chemicals production. Protein and Cell, 2010, 1, 207-210.	4.8	42
66	Engineering unnatural methylotrophic cell factories for methanol-based biomanufacturing: Challenges and opportunities. Biotechnology Advances, 2020, 39, 107467.	6.0	42
67	A functional recT gene for recombineering of Clostridium. Journal of Biotechnology, 2014, 173, 65-67.	1.9	41
68	A novel polygalacturonic acid bioflocculant REA-11 produced by Corynebacterium glutamicum : a proposed biosynthetic pathway and experimental confirmation. Applied Microbiology and Biotechnology, 2003, 63, 200-206.	1.7	40
69	Molecular engineering of l-aspartate-Î±-decarboxylase for improved activity and catalytic stability. Applied Microbiology and Biotechnology, 2017, 101, 6015-6021.	1.7	40
70	Engineering the antioxidative properties of lactic acid bacteria for improving its robustness. Current Opinion in Biotechnology, 2013, 24, 142-147.	3.3	39
71	Discovery of potential genes contributing to the biosynthesis of short-chain fatty acids and lactate in gut microbiota from systematic investigation in E. coli. Npj Biofilms and Microbiomes, 2019, 5, 19.	2.9	39
72	Systematic engineering of microorganisms to improve alcohol tolerance. Engineering in Life Sciences, 2010, 10, 422-429.	2.0	38

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73	Enhancement of microbial transglutaminase production by Streptoverticillium mobaraense: application of a two-stage agitation speed control strategy. Process Biochemistry, 2005, 40, 963-968.	1.8	37
74	Construction of efficient xylose utilizing Pichia pastoris for industrial enzyme production. Microbial Cell Factories, 2015, 14, 22.	1.9	37
75	Synthetic pathway optimization for improved 1,2,4-butanetriol production. Journal of Industrial Microbiology and Biotechnology, 2016, 43, 67-78.	1.4	36
76	A highly active pantothenate synthetase from Corynebacterium glutamicum enables the production of d-pantothenic acid with high productivity. Applied Microbiology and Biotechnology, 2018, 102, 6039-6046.	1.7	35
77	Production of fuels and chemicals from renewable resources using engineered Escherichia coli. Biotechnology Advances, 2019, 37, 107402.	6.0	33
78	A Minimized Synthetic Carbon Fixation Cycle. ACS Catalysis, 2022, 12, 799-808.	5.5	33
79	Effect of additives and fed-batch culture strategies on the production of glutathione by recombinant Escherichia coli. Process Biochemistry, 1998, 33, 709-714.	1.8	32
80	Combinatorial strategy of sorbitol feeding and low-temperature induction leads to high-level production of alkaline Î2-mannanase in Pichia pastoris. Enzyme and Microbial Technology, 2011, 49, 407-412.	1.6	32
81	Effect of nitrogen source and nitrogen concentration on the production of pyruvate by Torulopsis glabrata. Journal of Biotechnology, 2000, 81, 27-34.	1.9	31
82	Introducing glutathione biosynthetic capability into Lactococcus lactis subsp. cremoris NZ9000 improves the oxidative-stress resistance of the host. Metabolic Engineering, 2006, 8, 662-671.	3.6	31
83	Production of optically pure d-lactate from CO2 by blocking the PHB and acetate pathways and expressing d-lactate dehydrogenase in cyanobacterium Synechocystis sp. PCC 6803. Process Biochemistry, 2014, 49, 2071-2077.	1.8	31
84	Design and Construction of a Non-Natural Malate to 1,2,4-Butanetriol Pathway Creates Possibility to Produce 1,2,4-Butanetriol from Glucose. Scientific Reports, 2014, 4, 5541.	1.6	31
85	Application of a two-stage temperature control strategy for enhanced glutathione production in the batch fermentation by Candida utilis. Biotechnology Letters, 2003, 25, 887-890.	1.1	30
86	Engineering stress tolerance of <i>Escherichia coli</i> by stressâ€induced mutagenesis (SIM)â€based adaptive evolution. Biotechnology Journal, 2014, 9, 120-127.	1.8	29
87	Engineering a d-lactate dehydrogenase that can super-efficiently utilize NADPH and NADH as cofactors. Scientific Reports, 2016, 6, 24887.	1.6	29
88	Design and development of a â€œY-shapedâ€•microbial consortium capable of simultaneously utilizing biomass sugars for efficient production of butanol. Metabolic Engineering, 2019, 55, 111-119.	3.6	27
89	Significant increase of glycolytic flux inTorulopsis glabrataby inhibition of oxidative phosphorylation. FEMS Yeast Research, 2006, 6, 1117-1129.	1.1	26
90	Engineering redox homeostasis to develop efficient alcohol-producing microbial cell factories. Microbial Cell Factories, 2017, 16, 115.	1.9	26

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91	Identification and Characterization of Two Functionally Unknown Genes Involved in Butanol Tolerance of Clostridium acetobutylicum. PLoS ONE, 2012, 7, e38815.	1.1	25
92	Increasing glycolytic flux in Torulopsis glabrata by redirecting ATP production from oxidative phosphorylation to substrate-level phosphorylation. Journal of Applied Microbiology, 2006, 100, 1043-1053.	1.4	24
93	Engineering cellular robustness of microbes by introducing the GroESL chaperonins from extremophilic bacteria. Journal of Biotechnology, 2014, 178, 38-40.	1.9	24
94	Comparative genome analysis of a thermotolerant Escherichia coli obtained by Genome Replication Engineering Assisted Continuous Evolution (GREACE) and its parent strain provides new understanding of microbial heat tolerance. New Biotechnology, 2015, 32, 732-738.	2.4	24
95	Group II Intron-Anchored Gene Deletion in Clostridium. PLoS ONE, 2011, 6, e16693.	1.1	24
96	Heterologous Leaky Production of Transglutaminase in Lactococcus lactis Significantly Enhances the Growth Performance of the Host. Applied and Environmental Microbiology, 2005, 71, 8911-8919.	1.4	23
97	Redirection of the NADH oxidation pathway in Torulopsis glabrata leads to an enhanced pyruvate production. Applied Microbiology and Biotechnology, 2006, 72, 377-385.	1.7	22
98	Over-expression of an electron transport protein OmcS provides sufficient NADH for d-lactate production in cyanobacterium. Biotechnology for Biofuels, 2021, 14, 109.	6.2	22
99	Fixing carbon, unnaturally. Science, 2016, 354, 830-831.	6.0	21
100	Elucidating the contributions of multiple aldehyde/alcohol dehydrogenases to butanol and ethanol production in Clostridium acetobutylicum. Scientific Reports, 2016, 6, 28189.	1.6	21
101	Glutathione improves the cold resistance of Lactobacillus sanfranciscensis by physiological regulation. Food Microbiology, 2012, 31, 285-292.	2.1	20
102	Developing controllable hypermutable Clostridium cells through manipulating its methyl-directed mismatch repair system. Protein and Cell, 2013, 4, 854-862.	4.8	20
103	Optimization of Cultivation Conditions for the Production of Î³-Cyclodextrin Glucanotransferase byBacillus macorous. Food Biotechnology, 2004, 18, 251-264.	0.6	19
104	Enhanced intracellular glutathione synthesis and excretion capability of Candida utilis by using a low pH-stress strategy. Letters in Applied Microbiology, 2005, 40, 378-384.	1.0	19
105	Redirecting Carbon Flux in Torulopsis glabrata from Pyruvate to Î±-Ketoglutaric Acid by Changing Metabolic Co-factors. Biotechnology Letters, 2006, 28, 95-98.	1.1	19
106	Expression of Bacterial GshF in Pichia pastoris for Glutathione Production. Applied and Environmental Microbiology, 2012, 78, 5435-5439.	1.4	19
107	Constitutive expression of alkaline Î²-mannanase in recombinant Pichia pastoris. Process Biochemistry, 2014, 49, 2025-2029.	1.8	19
108	Hac1p homologues from higher eukaryotes can improve the secretion of heterologous proteins in the yeast Pichia pastoris. Biotechnology Letters, 2018, 40, 1149-1156.	1.1	19

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109	GREACE-assisted adaptive laboratory evolution in endpoint fermentation broth enhances lysine production by Escherichia coli. Microbial Cell Factories, 2019, 18, 106.	1.9	19
110	Lactic acid bacteria feeding reversed the malformed eye structures and ameliorated gut microbiota profiles of <i>Drosophila melanogaster</i> Alzheimerâ€™s disease model. Journal of Applied Microbiology, 2022, 132, 3155-3167.	1.4	19
111	Optimization of a GCâ€"MS metabolic fingerprint method and its application in characterizing engineered bacterial metabolic shift. Journal of Separation Science, 2009, 32, 2281-2288.	1.3	17
112	Development of a stress-induced mutagenesis module for autonomous adaptive evolution of Escherichia coli to improve its stress tolerance. Biotechnology for Biofuels, 2015, 8, 93.	6.2	17
113	Reexamination of the Physiological Role of PykA in Escherichia coli Revealed that It Negatively Regulates the Intracellular ATP Levels under Anaerobic Conditions. Applied and Environmental Microbiology, 2017, 83, .	1.4	17
114	Bioindustry in China: An overview and perspective. New Biotechnology, 2018, 40, 46-51.	2.4	17
115	Pre-germinated conidia of Coniothyrium minitans enhances the foliar biological control of Sclerotinia sclerotiorum. Biotechnology Letters, 2004, 26, 1649-1652.	1.1	16
116	Genome Sequence of Klebsiella oxytoca M5al, a Promising Strain for Nitrogen Fixation and Chemical Production. Genome Announcements, 2013, 1, .	0.8	16
117	Reconstructing Biosynthetic Pathway of the Plant-Derived Cancer Chemopreventive-Precursor Glucoraphanin in <i>Escherichia coli</i>. ACS Synthetic Biology, 2018, 7, 121-131.	1.9	15
118	Metabolic engineering of methylotrophic Pichia pastoris for the production of Î²-alanine. Bioresources and Bioprocessing, 2021, 8, .	2.0	15
119	Improved glutathione production by gene expression in Escherichia coli. Letters in Applied Microbiology, 2006, 43, 211-214.	1.0	14
120	A new strain, Streptomyces venezuelae GY1, producing a poly(vinyl alcohol)-degrading enzyme. World Journal of Microbiology and Biotechnology, 2006, 22, 625-628.	1.7	14
121	Metabolic Changes in Klebsiella oxytoca in Response to Low Oxidoreduction Potential, as Revealed by Comparative Proteomic Profiling Integrated with Flux Balance Analysis. Applied and Environmental Microbiology, 2014, 80, 2833-2841.	1.4	14
122	Fermentation and genomic analysis of acetone-uncoupled butanol production by Clostridium tetanomorphum. Applied Microbiology and Biotechnology, 2016, 100, 1523-1529.	1.7	14
123	Biobutanol. Advances in Biochemical Engineering/Biotechnology, 2011, 128, 85-100.	0.6	13
124	Enhancement of the Gene Targeting Efficiency of Non-Conventional Yeasts by Increasing Genetic Redundancy. PLoS ONE, 2013, 8, e57952.	1.1	13
125	Development of thermodynamic optimum searching (TOS) to improve the prediction accuracy of flux balance analysis. Biotechnology and Bioengineering, 2013, 110, 914-923.	1.7	12
126	Comparative genomic and proteomic analyses of Clostridium acetobutylicum Rh8 and its parent strain DSM 1731 revealed new understandings on butanol tolerance. Biochemical and Biophysical Research Communications, 2014, 450, 1612-1618.	1.0	12

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127	High-titer-ethanol production from cellulosic hydrolysate by an engineered strain of Saccharomyces cerevisiae during an in situ removal process reducing the inhibition of ethanol on xylose metabolism. Process Biochemistry, 2016, 51, 967-972.	1.8	12
128	Impairing photorespiration increases photosynthetic conversion of CO2 to isoprene in engineered cyanobacteria. Bioresources and Bioprocessing, 2021, 8, .	2.0	12
129	BOX-PCR and PCR-DGGE analysis for bacterial diversity of a naturally fermented functional food (EnzymeÂ®). Food Bioscience, 2014, 5, 115-122.	2.0	11
130	Biological carbon fixation: a thermodynamic perspective. Green Chemistry, 2021, 23, 7852-7864.	4.6	11
131	Regulation of CCR in the Î³-CGTase production from Bacillus macorous by the specific cell growth rate control. Enzyme and Microbial Technology, 2006, 39, 1279-1285.	1.6	10
132	Enforcing ATP hydrolysis enhanced anaerobic glycolysis and promoted solvent production in Clostridium acetobutylicum. Microbial Cell Factories, 2021, 20, 149.	1.9	10
133	High-level production of glucose oxidase in Pichia pastoris: Effects of Hac1p overexpression on cell physiology and enzyme expression. Enzyme and Microbial Technology, 2020, 141, 109671.	1.6	10
134	CAC2634-disrupted mutant of Clostridium acetobutylicum can be electrotransformed in air. Letters in Applied Microbiology, 2011, 53, 379-382.	1.0	8
135	Development of a silicon carbide disruption method enables efficient extraction of proteins from cyanobacterium Synechocystis sp. PCC 6803. Process Biochemistry, 2014, 49, 2199-2202.	1.8	8
136	Lentilactobacillus laojiaonis sp. nov., isolated from the mud in a fermentation cellar for the production of Chinese liquor. International Journal of Systematic and Evolutionary Microbiology, 2022, 72, .	0.8	8
137	Efficient dense depth estimation from dense multiperspective panoramas. , 0, , .		7
138	Effects of dissolved oxygen concentration and two-stage oxygen supply strategy on the production of Î³-CGTase by Bacillus macorous. Process Biochemistry, 2005, 40, 3468-3473.	1.8	7
139	Enhancement of pyruvate production byTorulopsis glabrata through supplement of oxaloacetate as carbon source. Biotechnology and Bioprocess Engineering, 2005, 10, 136-141.	1.4	7
140	Engineering Escherichia coli Cell Factories for n-Butanol Production. Advances in Biochemical Engineering/Biotechnology, 2015, 155, 141-163.	0.6	7
141	Exploring the oxygenase function of Form II Rubisco for production of glycolate from CO2. AMB Express, 2021, 11, 65.	1.4	7
142	Metabolic engineering for the production of butanol, a potential advanced biofuel, from renewable resources. Biochemical Society Transactions, 2020, 48, 2283-2293.	1.6	7
143	Draft Genome Sequence of Lysinibacillus fusiformis Strain SW-B9, a Novel Strain for Biotransformation of Isoeugenol to Vanillin. Genome Announcements, 2015, 3, .	0.8	6
144	Research of improved fuzzy c-means algorithm based on a new metric norm. Journal of Shanghai Jiaotong University (Science), 2015, 20, 51-55.	0.5	6

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145	Screening and Characterization of <i>Lactobacillus</i> sp. from the Water of Cassavaâ€™s Fermentation for Selection as Probiotics. Food Biotechnology, 2018, 32, 15-34.	0.6	6
146	Viability and Stress Response of Putative Probiotic Lactobacillus plantarum Strains in Honey Environment. Probiotics and Antimicrobial Proteins, 2018, 10, 629-637.	1.9	6
147	Enhancing the secretion pathway maximizes the effects of mixed feeding strategy for glucose oxidase production in the methylotrophic yeast Pichia pastoris. Bioresources and Bioprocessing, 2018, 5, .	2.0	6
148	SNPs deciding the rapid growth of cyanobacteria are alterable. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 3945-3945.	3.3	6
149	One-pot production of butyl butyrate from glucose using a cognate â€œdiamond-shapedâ€•E. coli consortium. Bioresources and Bioprocessing, 2021, 8, .	2.0	6
150	Discovery of a readily heterologously expressed Rubisco from the deep sea with potential for CO2 capture. Bioresources and Bioprocessing, 2021, 8, .	2.0	6
151	Discovery of a novel gene involved in autolysis of<i>Clostridium</i>cells. Protein and Cell, 2013, 4, 467-474.	4.8	5
152	Systematic assessment of Pichia pastoris system for optimized Î² -galactosidase production. Synthetic and Systems Biotechnology, 2017, 2, 113-120.	1.8	5
153	Discovery of novel highly active and stable aspartate dehydrogenases. Scientific Reports, 2017, 7, 7881.	1.6	5
154	Biofuels and Bioenergy: Acetone and Butanol. , 2019, , 79-100.		5
155	Production of vitamin B₁₂ in recombinant <i>Escherichia coli</i>: An important step for heterologous production of structurally complex small molecules. Biotechnology Journal, 2014, 9, 1478-1479.	1.8	4
156	The reductive carboxylation activity of heterotetrameric pyruvate synthases from hyperthermophilic archaea. Biochemical and Biophysical Research Communications, 2021, 572, 151-156.	1.0	4
157	Introducing transglutaminase with its precursor region into Clostridium acetobutylicum improves its tolerance to oxidative stress and solvent production. Process Biochemistry, 2015, 50, 111-118.	1.8	3
158	Enhanced Biological Fixation of CO2 Using Microorganisms. , 2019, , 359-378.		3
159	Microbial production of butyl butyrate: from single strain to cognate consortium. Bioresources and Bioprocessing, 2021, 8, .	2.0	3
160	Production of Industrial Chemicals from CO2 by Engineering Cyanobacteria. Advances in Experimental Medicine and Biology, 2018, 1080, 97-116.	0.8	3
161	Enhanced catalase synthesis by a novel combined system of photocatalytic reactor and fermentor. Biotechnology Letters, 2005, 27, 683-687.	1.1	2
162	Tryptophan supplementation and pH adjustment for optimizing the sporulation of Coniothyrium minitans. Biotechnology Letters, 2008, 30, 259-262.	1.1	2

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163	Enhanced Î³-CGTase Production byBacillus Macorouswith Membrane Active Substances. Food Biotechnology, 2006, 20, 171-181.	0.6	1
164	Use of Proteomic Tools in Microbial Engineering for Biofuel Production. Methods in Molecular Biology, 2012, 834, 137-151.	0.4	1
165	Editorial: Systems and synthetic approaches to industrial biotechnology. Biotechnology Journal, 2013, 8, 870-871.	1.8	1
166	Genome Replication Engineering Assisted Continuous Evolution (GREACE) to Improve Microbial Tolerance for Biofuels Production. , 2015, , 313-335.		1
167	A study on the effectiveness of a defined microbial consortium to enhance the microbiological safety of cattle manure. Journal of the Science of Food and Agriculture, 2021, 101, 2614-2620.	1.7	1
168	BtsT/ BtsS is involved in glyoxylate transport in E.Âcoli and its mutations facilitated glyoxylate utilization. Biochemical and Biophysical Research Communications, 2021, 551, 71-77.	1.0	1
169	Development of two continuous genome engineering strategies for efficient microbial evolution. New Biotechnology, 2014, 31, S24.	2.4	0
170	Turning waste gases into valuables. Synthetic and Systems Biotechnology, 2022, 7, 847-848.	1.8	0