

Qipeng Yuan

List of Publications by Year in descending order

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184
papers

7,027
citations

50276

46
h-index

79698

73
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186
all docs

186
docs citations

186
times ranked

9297
citing authors

#	ARTICLE	IF	CITATIONS
1	Multicopper Laccase Mimicking Nanozymes with Nucleotides as Ligands. ACS Applied Materials & Interfaces, 2017, 9, 1352-1360.	8.0	319
2	Silencing of Long Noncoding RNA MALAT1 by miR-101 and miR-217 Inhibits Proliferation, Migration, and Invasion of Esophageal Squamous Cell Carcinoma Cells. Journal of Biological Chemistry, 2015, 290, 3925-3935.	3.4	268
3	Silver and gold nanoparticles from Sargentodoxa cuneata: synthesis, characterization and antileishmanial activity. RSC Advances, 2015, 5, 73793-73806.	3.6	167
4	fMiRNA-192 and miRNA-204 Directly Suppress lncRNA HOTTIP and Interrupt GLS1-Mediated Glutaminolysis in Hepatocellular Carcinoma. PLoS Genetics, 2015, 11, e1005726.	3.5	151
5	Extending shikimate pathway for the production of muconic acid and its precursor salicylic acid in Escherichia coli. Metabolic Engineering, 2014, 23, 62-69.	7.0	150
6	The effects of bacteria-nanoparticles interface on the antibacterial activity of green synthesized silver nanoparticles. Microbial Pathogenesis, 2017, 102, 133-142.	2.9	149
7	The identification of an ESCC susceptibility SNP rs920778 that regulates the expression of lncRNA <i>HOTAIR</i> via a novel intronic enhancer. Carcinogenesis, 2014, 35, 2062-2067.	2.8	146
8	Effects of nisin on the antimicrobial activity of d-limonene and its nanoemulsion. Food Chemistry, 2014, 150, 307-312.	8.2	137
9	From Dyestuff Chemistry to Cancer Theranostics: The Rise of Rylencarboximides. Accounts of Chemical Research, 2019, 52, 2266-2277.	15.6	137
10	Preparation and stabilization of d-limonene Pickering emulsions by cellulose nanocrystals. Carbohydrate Polymers, 2014, 112, 695-700.	10.2	136
11	A functional lncRNA <i>HOTAIR</i> genetic variant contributes to gastric cancer susceptibility. Molecular Carcinogenesis, 2016, 55, 90-96.	2.7	135
12	Preparation and antimicrobial activity of oregano essential oil Pickering emulsion stabilized by cellulose nanocrystals. International Journal of Biological Macromolecules, 2018, 112, 7-13.	7.5	133
13	Diaminopropionic Acid Reinforced Graphene Sponge and Its Use for Hemostasis. ACS Applied Materials & Interfaces, 2016, 8, 7666-7673.	8.0	121
14	Strategies for enhancing microbial tolerance to inhibitors for biofuel production: A review. Bioresource Technology, 2018, 258, 302-309.	9.6	114
15	Size dependent catalytic activities of green synthesized gold nanoparticles and electro-catalytic oxidation of catechol on gold nanoparticles modified electrode. RSC Advances, 2015, 5, 99364-99377.	3.6	108
16	Degradable Carbon-Silica Nanocomposite with Immunoadjuvant Property for Dual-Modality Photothermal/Photodynamic Therapy. ACS Nano, 2020, 14, 2847-2859.	14.6	103
17	Metabolic engineering of Escherichia coli for microbial synthesis of monolignols. Metabolic Engineering, 2017, 39, 102-109.	7.0	97
18	Characterization of glabridin/hydroxypropyl- β -cyclodextrin inclusion complex with robust solubility and enhanced bioactivity. Carbohydrate Polymers, 2017, 159, 152-160.	10.2	93

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19	Photocatalytic and antibacterial response of biosynthesized gold nanoparticles. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 162, 273-277.	3.8	87
20	Naringenin-responsive riboswitch-based fluorescent biosensor module for <i>Escherichia coli</i> cultures. <i>Biotechnology and Bioengineering</i> , 2017, 114, 2235-2244.	3.3	83
21	Enhancing the antimicrobial activity of d-limonene nanoemulsion with the inclusion of μ -polylysine. <i>Food Chemistry</i> , 2017, 221, 18-23.	8.2	82
22	Black hemostatic sponge based on facile prepared cross-linked graphene. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 132, 27-33.	5.0	76
23	Rational engineering of diol dehydratase enables 1,4-butanediol biosynthesis from xylose. <i>Metabolic Engineering</i> , 2017, 40, 148-156.	7.0	73
24	Sensor-regulator and RNAi based bifunctional dynamic control network for engineered microbial synthesis. <i>Nature Communications</i> , 2018, 9, 3043.	12.8	73
25	An eco-benign synthesis of AgNPs using aqueous extract of Longan fruit peel: Antiproliferative response against human breast cancer cell line MCF-7, antioxidant and photocatalytic deprivation of methylene blue. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 183, 367-373.	3.8	73
26	Engineering probiotics as living diagnostics and therapeutics for improving human health. <i>Microbial Cell Factories</i> , 2020, 19, 56.	4.0	71
27	Ultra-efficient photocatalytic deprivation of methylene blue and biological activities of biogenic silver nanoparticles. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 159, 49-58.	3.8	67
28	Rational engineering of <i>p</i> -hydroxybenzoate hydroxylase to enable efficient gallic acid synthesis via a novel artificial biosynthetic pathway. <i>Biotechnology and Bioengineering</i> , 2017, 114, 2571-2580.	3.3	67
29	Establishing an Artificial Pathway for Efficient Biosynthesis of Hydroxytyrosol. <i>ACS Synthetic Biology</i> , 2018, 7, 647-654.	3.8	67
30	Activation of Prodrugs by NIR-triggered Release of Exogenous Enzymes for Locoregional Chemophotothermal Therapy. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7728-7732.	13.8	65
31	Construction of well-designed 1D selenium-tellurium nanorods anchored on graphene sheets as a high storage capacity anode material for lithium-ion batteries. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 1750-1761.	6.0	64
32	Dynamic gene expression engineering as a tool in pathway engineering. <i>Current Opinion in Biotechnology</i> , 2019, 59, 122-129.	6.6	63
33	Recent advances in microbial production of aromatic natural products and their derivatives. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 47-61.	3.6	62
34	Preparation and stability of astaxanthin solid lipid nanoparticles based on stearic acid. <i>European Journal of Lipid Science and Technology</i> , 2016, 118, 592-602.	1.5	60
35	Amphotericin B-conjugated biogenic silver nanoparticles as an innovative strategy for fungal infections. <i>Microbial Pathogenesis</i> , 2016, 99, 271-281.	2.9	58
36	Intestine-Specific Delivery of Hydrophobic Bioactives from Oxidized Starch Microspheres with an Enhanced Stability. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 8669-8675.	5.2	57

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37	Magnetic Iron Oxide Nanoparticle Seeded Growth of Nucleotide Coordinated Polymers. ACS Applied Materials & Interfaces, 2016, 8, 15615-15622.	8.0	57
38	<i>De Novo</i> Biosynthesis of Glutarate <i>via</i> α -Keto Acid Carbon Chain Extension and Decarboxylation Pathway in <i>Escherichia coli</i> . ACS Synthetic Biology, 2017, 6, 1922-1930.	3.8	57
39	Biodegradable Poly(amino acid)@“Gold”Magnetic Complex with Efficient Endocytosis for Multimodal Imaging-Guided Chemo-photothermal Therapy. ACS Nano, 2018, 12, 9022-9032.	14.6	57
40	Robust magnetic laccase-mimicking nanozyme for oxidizing o-phenylenediamine and removing phenolic pollutants. Journal of Environmental Sciences, 2020, 88, 103-111.	6.1	57
41	Tuber extract of <i>Arisaema flavum</i> eco-benignly and effectively synthesizes silver nanoparticles: Photocatalytic and antibacterial response against multidrug resistant engineered <i>E. coli</i> QH4. Journal of Photochemistry and Photobiology B: Biology, 2019, 193, 31-38.	3.8	55
42	Systematically Engineering <i>Escherichia coli</i> for Enhanced Production of 1,2-Propanediol and 1-Propanol. ACS Synthetic Biology, 2015, 4, 746-756.	3.8	52
43	High-level <i>De novo</i> biosynthesis of arbutin in engineered <i>Escherichia coli</i> . Metabolic Engineering, 2017, 42, 52-58.	7.0	52
44	Facile and eco-benign synthesis of Au@Fe ₂ O ₃ nanocomposite: Efficient photocatalytic, antibacterial and antioxidant agent. Journal of Photochemistry and Photobiology B: Biology, 2019, 199, 111632.	3.8	52
45	Phytosynthesis and Antileishmanial Activity of Gold Nanoparticles by <i>Mycobacterium</i> <i>Royleanus</i> . Journal of Food Biochemistry, 2016, 40, 420-427.	2.9	51
46	Separation and purification of sulforaphane from radish seeds using macroporous resin and preparative high-performance liquid chromatography. Food Chemistry, 2013, 136, 342-347.	8.2	49
47	Establishing a novel biosynthetic pathway for the production of 3,4-dihydroxybutyric acid from xylose in <i>Escherichia coli</i> . Metabolic Engineering, 2017, 41, 39-45.	7.0	48
48	Purification and crystallization of xylitol from fermentation broth of corn cob hydrolysates. Frontiers of Chemical Engineering in China, 2010, 4, 57-64.	0.6	47
49	Controlled Preparation of Corn cob Lignin Nanoparticles and their Size-Dependent Antioxidant Properties: Toward High Value Utilization of Lignin. ACS Sustainable Chemistry and Engineering, 2019, 7, 17166-17174.	6.7	47
50	Cu ₃ BTC MOF as a potential antibacterial therapeutic agent against <i>Staphylococcus aureus</i> and <i>Escherichia coli</i> . New Journal of Chemistry, 2020, 44, 17671-17678.	2.8	47
51	Biosynthesis of aromatic polyketides in microorganisms using type II polyketide synthases. Microbial Cell Factories, 2020, 19, 110.	4.0	47
52	Antifungal graphene oxide-borneol composite. Colloids and Surfaces B: Biointerfaces, 2017, 160, 220-227.	5.0	45
53	Targeting metabolic driving and intermediate influx in lysine catabolism for high-level glutarate production. Nature Communications, 2019, 10, 3337.	12.8	44
54	Isolation of cyanidin 3-glucoside from blue honeysuckle fruits by high-speed counter-current chromatography. Food Chemistry, 2014, 152, 386-390.	8.2	42

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55	Aerobic biosynthesis of hydrocinnamic acids in <i>Escherichia coli</i> with a strictly oxygen-sensitive enoate reductase. <i>Metabolic Engineering</i> , 2016, 35, 75-82.	7.0	42
56	Design of stable and self-regulated microbial consortia for chemical synthesis. <i>Nature Communications</i> , 2022, 13, 1554.	12.8	41
57	Prediction Strategy of Adsorption Equilibrium Time Based on Equilibrium and Kinetic Results To Isolate Taxifolin. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 454-463.	3.7	40
58	Longan fruit juice mediated synthesis of uniformly dispersed spherical AuNPs: cytotoxicity against human breast cancer cell line MCF-7, antioxidant and fluorescent properties. <i>RSC Advances</i> , 2016, 6, 23775-23782.	3.6	40
59	Visible light-induced photodegradation of methylene blue and reduction of 4-nitrophenol to 4-aminophenol over bio-synthesized silver nanoparticles. <i>Separation Science and Technology</i> , 2016, 51, 1070-1078.	2.5	40
60	Furfural tolerance and detoxification mechanism in <i>Candida tropicalis</i> . <i>Biotechnology for Biofuels</i> , 2016, 9, 250.	6.2	38
61	Self-repairing metal-organic hybrid complexes for reinforcing immobilized chloroperoxidase reusability. <i>Chemical Communications</i> , 2017, 53, 3216-3219.	4.1	38
62	Metabolic Engineering of Microorganisms for the Production of Flavonoids. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 589069.	4.1	38
63	Eco-benign approach to synthesize spherical iron oxide nanoparticles: A new insight in photocatalytic and biomedical applications. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 205, 111821.	3.8	38
64	Synthesis of phytochemicals-stabilized gold nanoparticles and their biological activities against bacteria and <i>Leishmania</i> . <i>Microbial Pathogenesis</i> , 2017, 110, 304-312.	2.9	37
65	Facile synthesis of alcalase-inorganic hybrid nanoflowers used for soy protein isolate hydrolysis to improve its functional properties. <i>Food Chemistry</i> , 2019, 289, 568-574.	8.2	37
66	Effects of acid impregnated steam explosion process on xylose recovery and enzymatic conversion of cellulose in corncob. <i>Carbohydrate Polymers</i> , 2014, 114, 21-26.	10.2	36
67	Design, synthesis and biological evaluation of novel 2-aminobenzamides containing dithiocarbamate moiety as histone deacetylase inhibitors and potent antitumor agents. <i>European Journal of Medicinal Chemistry</i> , 2018, 143, 320-333.	5.5	36
68	Metabolic Engineering Strategies for Co-Utilization of Carbon Sources in Microbes. <i>Bioengineering</i> , 2016, 3, 10.	3.5	35
69	Microbial synthesis of pyrogallol using genetically engineered <i>Escherichia coli</i> . <i>Metabolic Engineering</i> , 2018, 45, 134-141.	7.0	35
70	Preparative separation and purification of sulforaphene from radish seeds by high-speed countercurrent chromatography. <i>Food Chemistry</i> , 2013, 136, 309-315.	8.2	34
71	The natural compound sulforaphene, as a novel anticancer reagent, targeting PI3K-AKT signaling pathway in lung cancer. <i>Oncotarget</i> , 2016, 7, 76656-76666.	1.8	34
72	Nitric Acid-Treated Carbon Fibers with Enhanced Hydrophilicity for <i>Candida tropicalis</i> Immobilization in Xylitol Fermentation. <i>Materials</i> , 2016, 9, 206.	2.9	34

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73	Sulforaphene inhibits triple negative breast cancer through activating tumor suppressor Egr1. <i>Breast Cancer Research and Treatment</i> , 2016, 158, 277-286.	2.5	33
74	Borneol-grafted cellulose for antifungal adhesion and fungal growth inhibition. <i>RSC Advances</i> , 2015, 5, 51947-51952.	3.6	32
75	Enhanced Electrochemical Impedance Spectroscopy Analysis of Microbial Biofilms on an Electrochemically <i>In Situ</i> Generated Graphene Interface. <i>ACS Sensors</i> , 2020, 5, 1795-1803.	7.8	32
76	Down-regulation of 5S rRNA by miR-150 and miR-383 enhances Myc-rpL11 interaction and inhibits proliferation of esophageal squamous carcinoma cells. <i>FEBS Letters</i> , 2015, 589, 3989-3997.	2.8	28
77	Functional CYP1A1 genetic variants, alone and in combination with smoking, contribute to development of head and neck cancers. <i>European Journal of Cancer</i> , 2013, 49, 2143-2151.	2.8	27
78	Establishing an Artificial Pathway for <i>De Novo</i> Biosynthesis of Vanillyl Alcohol in <i>Escherichia coli</i> . <i>ACS Synthetic Biology</i> , 2017, 6, 1784-1792.	3.8	27
79	Sulforaphene inhibits esophageal cancer progression via suppressing SCD and CDH3 expression, and activating the GADD45B-MAP2K3-p38-p53 feedback loop. <i>Cell Death and Disease</i> , 2020, 11, 713.	6.3	26
80	Redesigning regulatory components of quorum-sensing system for diverse metabolic control. <i>Nature Communications</i> , 2022, 13, 2182.	12.8	26
81	Controlled uptake and release of lysozyme from glycerol diglycidyl ether cross-linked oxidized starch microgel. <i>Carbohydrate Polymers</i> , 2015, 121, 276-283.	10.2	25
82	Study the effect of His-tag on chondroitinase ABC I based on characterization of enzyme. <i>International Journal of Biological Macromolecules</i> , 2015, 78, 96-101.	7.5	25
83	The mechanism of sulforaphene degradation to different water contents. <i>Food Chemistry</i> , 2016, 194, 1022-1027.	8.2	25
84	Establishing a synergetic carbon utilization mechanism for non-catabolic use of glucose in microbial synthesis of trehalose. <i>Metabolic Engineering</i> , 2017, 39, 1-8.	7.0	25
85	Synthesis of selenium-silver nanostructures with enhanced antibacterial, photocatalytic and antioxidant activities. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 1191-1204.	3.1	25
86	Zinc oxide-selenium heterojunction composite: Synthesis, characterization and photo-induced antibacterial activity under visible light irradiation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 203, 111743.	3.8	25
87	Highly Selective Entrapment of His-Tagged Enzymes on Superparamagnetic Zirconium-Based MOFs with Robust Renewability to Enhance pH and Thermal Stability. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 3727-3736.	5.2	25
88	The stability and degradation kinetics of Sulforaphene in microcapsules based on several biopolymers via spray drying. <i>Carbohydrate Polymers</i> , 2015, 122, 5-10.	10.2	24
89	Metabolic responses in <i>Candida tropicalis</i> to complex inhibitors during xylitol bioconversion. <i>Fungal Genetics and Biology</i> , 2015, 82, 1-8.	2.1	24
90	Elevating 4-hydroxycoumarin production through alleviating thioesterase-mediated salicyl-CoA degradation. <i>Metabolic Engineering</i> , 2017, 42, 59-65.	7.0	24

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91	Molecular mechanism of tobramycin with human serum albumin for probing binding interactions: multi-spectroscopic and computational approaches. <i>New Journal of Chemistry</i> , 2017, 41, 8203-8213.	2.8	24
92	Green synthesis of catalytic Zinc Oxide nano“flowers and their bacterial infection therapy. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5298.	3.5	24
93	miR“190a inhibits epithelial“mesenchymal transition of hepatoma cells via targeting the long non“coding RNA treRNA. <i>FEBS Letters</i> , 2015, 589, 4079-4087.	2.8	23
94	Biosynthesis of adipic acid via microaerobic hydrogenation of cis,cis-muconic acid by oxygen-sensitive enoate reductase. <i>Journal of Biotechnology</i> , 2018, 280, 49-54.	3.8	23
95	Biogenic metal nanoparticles as a potential class of antileishmanial agents: mechanisms and molecular targets. <i>Nanomedicine</i> , 2020, 15, 809-828.	3.3	23
96	Design, synthesis and biological evaluation of novel hydroxamates and 2-aminobenzamides as potent histone deacetylase inhibitors and antitumor agents. <i>European Journal of Medicinal Chemistry</i> , 2017, 134, 1-12.	5.5	22
97	Green synthesis of Zno@GO nanocomposite and its“™ efficient antibacterial activity. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 35, 102471.	2.6	22
98	Study on a carboxyl“activated carrier and its properties for papain immobilization. <i>Journal of Chemical Technology and Biotechnology</i> , 2012, 87, 1083-1088.	3.2	21
99	Structural Insights into Substrate Specificity of Feruloyl-CoA 6“™-Hydroxylase from <i>Arabidopsis thaliana</i> . <i>Scientific Reports</i> , 2015, 5, 10355.	3.3	21
100	Synergetic utilization of glucose and glycerol for efficient <i>myo</i> “inositol biosynthesis. <i>Biotechnology and Bioengineering</i> , 2020, 117, 1247-1252.	3.3	21
101	Quorum Sensing System Used as a Tool in Metabolic Engineering. <i>Biotechnology Journal</i> , 2020, 15, e1900360.	3.5	21
102	CRISPR-based metabolic engineering in non-model microorganisms. <i>Current Opinion in Biotechnology</i> , 2022, 75, 102698.	6.6	21
103	Precursor-Directed Biosynthesis of 5-Hydroxytryptophan Using Metabolically Engineered <i>E. coli</i> . <i>ACS Synthetic Biology</i> , 2015, 4, 554-558.	3.8	20
104	Expression, purification and thermostability of MBP-chondroitinase ABC I from <i>Proteus vulgaris</i> . <i>International Journal of Biological Macromolecules</i> , 2015, 72, 6-10.	7.5	20
105	Glucoraphenin, sulforaphene, and antiproliferative capacity of radish sprouts in germinating and thermal processes. <i>European Food Research and Technology</i> , 2017, 243, 547-554.	3.3	20
106	Facile and eco-benign fabrication of Ag/Fe ₂ O ₃ nanocomposite using <i>Algaia Monozyga</i> leaves extract and its“™ efficient biocidal and photocatalytic applications. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 32, 101970.	2.6	20
107	Classification of Blood“Brain Barrier Permeation by Kohonen's Self“Organizing Neural Network (KohNN) and Support Vector Machine (SVM). <i>QSAR and Combinatorial Science</i> , 2009, 28, 989-994.	1.4	19
108	Enzyme activity enhancement of chondroitinase ABC I from <i>Proteus vulgaris</i> by site-directed mutagenesis. <i>RSC Advances</i> , 2015, 5, 76040-76047.	3.6	19

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109	Graphene oxide selenium nanorod composite as a stable electrode material for energy storage devices. <i>Applied Nanoscience</i> (Switzerland), 2020, 10, 1243-1255.	3.1	19
110	Organogel-nanoemulsion containing nisin and D-limonene and its antimicrobial activity. <i>Frontiers in Microbiology</i> , 2015, 6, 1010.	3.5	18
111	Microbial production of branched-chain dicarboxylate 2-methylsuccinic acid via enoate reductase-mediated bioreduction. <i>Metabolic Engineering</i> , 2018, 45, 1-10.	7.0	18
112	An Aldolase-Based New Pathway for Bioconversion of Formaldehyde and Ethanol into 1,3-Propanediol in <i>Escherichia coli</i> . <i>ACS Synthetic Biology</i> , 2021, 10, 799-809.	3.8	18
113	Separation of sinigrin from Indian mustard (<i>Brassica juncea</i> L.) seed using macroporous ion-exchange resin. <i>Korean Journal of Chemical Engineering</i> , 2012, 29, 396-403.	2.7	17
114	Structural Insights into Catalytic Versatility of the Flavin-dependent Hydroxylase (HpaB) from <i>Escherichia coli</i> . <i>Scientific Reports</i> , 2019, 9, 7087.	3.3	17
115	Catalytic Activity and Application of Immobilized Chloroperoxidase by Biometric Magnetic Nanoparticles. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 3555-3560.	3.7	17
116	Efficient enzyme-catalyzed production of diosgenin: inspired by the biotransformation mechanisms of steroid saponins in <i>Talaromyces stollii</i> CLY-6. <i>Green Chemistry</i> , 2021, 23, 5896-5910.	9.0	17
117	miR-29a-3p-dependent COL3A1 and COL5A1 expression reduction assists sulforaphane to inhibit gastric cancer progression. <i>Biochemical Pharmacology</i> , 2021, 188, 114539.	4.4	17
118	Tunable hybrid carbon metabolism coordination for the carbon-efficient biosynthesis of 1,3-butanediol in <i>Escherichia coli</i> . <i>Green Chemistry</i> , 2021, 23, 8694-8706.	9.0	17
119	Functional BCL-2 regulatory genetic variants contribute to susceptibility of esophageal squamous cell carcinoma. <i>Scientific Reports</i> , 2015, 5, 11833.	3.3	16
120	Xylitol fermentation using hemicellulose hydrolysate prepared by acid pre-impregnated steam explosion of corncob. <i>Journal of Chemical Technology and Biotechnology</i> , 2013, 88, 2067-2074.	3.2	15
121	A rapid microwave-assisted phosphoric-acid treatment on carbon fiber surface for enhanced cell immobilization in xylitol fermentation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 175, 697-702.	5.0	15
122	Preparative Purification of the Major Flavonoid Glabridin from Licorice Roots by Solid Phase Extraction and Preparative High Performance Liquid Chromatography. <i>Separation Science and Technology</i> , 2010, 45, 1104-1111.	2.5	14
123	Separation of binary solvent mixtures with solvent resistant nanofiltration membranes Part A: investigation of separation performance. <i>RSC Advances</i> , 2014, 4, 40740-40747.	3.6	14
124	Efficient biosynthesis of 3, 4-dihydroxyphenylacetic acid in <i>Escherichia coli</i> . <i>Journal of Biotechnology</i> , 2019, 294, 14-18.	3.8	14
125	Fast Immobilization of Human Carbonic Anhydrase II on Ni-Based Metal-Organic Framework Nanorods with High Catalytic Performance. <i>Catalysts</i> , 2020, 10, 401.	3.5	14
126	Engineering microorganisms for the biosynthesis of dicarboxylic acids. <i>Biotechnology Advances</i> , 2021, 48, 107710.	11.7	14

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127	The stability and degradation mechanism of sulforaphene in solvents. <i>Food Chemistry</i> , 2016, 199, 301-306.	8.2	13
128	Exploring the Promiscuity of Phenol Hydroxylase from <i>Pseudomonas stutzeri</i> OX1 for the Biosynthesis of Phenolic Compounds. <i>ACS Synthetic Biology</i> , 2018, 7, 1238-1243.	3.8	13
129	Microbial production of phenol via salicylate decarboxylation. <i>RSC Advances</i> , 2015, 5, 92685-92689.	3.6	12
130	Design and construction of an artificial pathway for biosynthesis of acetaminophen in <i>Escherichia coli</i> . <i>Metabolic Engineering</i> , 2021, 68, 26-33.	7.0	12
131	Preparative Separation of Glabridin from <i>Glycyrrhiza glabra</i> L. Extracts with Macroporous Resins. <i>Separation Science and Technology</i> , 2009, 44, 3717-3734.	2.5	11
132	Improving oxidative stability of peanut oil under microwave treatment and deep fat frying by stearic acid-surfactant-tea polyphenols complex. <i>European Journal of Lipid Science and Technology</i> , 2015, 117, 1008-1015.	1.5	11
133	Establishment of Novel Biosynthetic Pathways for the Production of Salicyl Alcohol and Gentsyl Alcohol in Engineered <i>Escherichia coli</i> . <i>ACS Synthetic Biology</i> , 2018, 7, 1012-1017.	3.8	11
134	Investigating the strategies for microbial production of trehalose from lignocellulosic sugars. <i>Biotechnology and Bioengineering</i> , 2018, 115, 785-790.	3.3	11
135	Selenium Nanorods Decorated Gold Nanostructures: Synthesis, Characterization and Biological Applications. <i>Journal of Cluster Science</i> , 2020, 31, 727-737.	3.3	11
136	Biophysical investigation of interactions between sorbic acid and human serum albumin through spectroscopic and computational approaches. <i>New Journal of Chemistry</i> , 2021, 45, 7682-7693.	2.8	11
137	Enhancing stability and by-product tolerance of β -glucuronidase based on magnetic cross-linked enzyme aggregates. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 210, 112241.	5.0	11
138	GTR 2.0: gRNA-tRNA Array and Cas9-NG Based Genome Disruption and Single-Nucleotide Conversion in <i>Saccharomyces cerevisiae</i> . <i>ACS Synthetic Biology</i> , 2021, 10, 1328-1337.	3.8	10
139	Highly Hybridizable Spherical Nucleic Acids by Tandem Glutathione Treatment and Polythymine Spacing. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 12504-12513.	8.0	9
140	Expression, purification and characterization of GAPDH-ChSase ABC I from <i>Proteus vulgaris</i> in <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2016, 128, 36-41.	1.3	9
141	Sulforaphene inhibits hepatocellular carcinoma through repressing keratin 8 and activating anoikis. <i>RSC Advances</i> , 2016, 6, 70326-70334.	3.6	9
142	Preparation of multi-enzyme co-immobilized nanoparticles by bis-aryl hydrazone bond conjugation. <i>Biotechnology and Applied Biochemistry</i> , 2016, 63, 214-219.	3.1	9
143	Rational surface silane modification for immobilizing glucose oxidase. <i>International Journal of Biological Macromolecules</i> , 2016, 87, 191-194.	7.5	9
144	Improving trehalose synthase activity by adding the C-terminal domain of trehalose synthase from <i>Thermus thermophilus</i> . <i>Bioresource Technology</i> , 2017, 245, 1749-1756.	9.6	9

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145	Î²-Lactoglobulin as a Nanotransporter for Glabridin: Exploring the Binding Properties and Bioactivity Influences. <i>ACS Omega</i> , 2018, 3, 12246-12252.	3.5	9
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