

## List of Publications by Year in descending order

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145  
papers

5,940  
citations

81900

39  
h-index

88630

70  
g-index

155  
all docs

155  
docs citations

155  
times ranked

6147  
citing authors

#	ARTICLE	IF	CITATIONS
1	Settlement of a pile under cyclic lateral loads in dry sand. <i>Geotechnique</i> , 2023, 73, 561-571.	4.0	2
2	Random forest method-based prediction and control of bridge pier displacements during construction of two overlapped EPBM tunnels. <i>European Journal of Environmental and Civil Engineering</i> , 2022, 26, 2273-2293.	2.1	2
3	Engineering synthetic auxotrophs for growth-coupled directed protein evolution. <i>Trends in Biotechnology</i> , 2022, 40, 773-776.	9.3	12
4	Developing Synthetic Methylootrophs by Metabolic Engineering-Guided Adaptive Laboratory Evolution. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2022, , 1.	1.1	0
5	CRISPR-assisted rational flux-tuning and arrayed CRISPRi screening of an L-proline exporter for L-proline hyperproduction. <i>Nature Communications</i> , 2022, 13, 891.	12.8	39
6	Comprehensively dissecting the hub regulation of PkaC on high-productivity and pellet macromorphology in citric acid producing <i>Aspergillus niger</i> . <i>Microbial Biotechnology</i> , 2022, 15, 1867-1882.	4.2	16
7	Crystal structure of 5-Aminolevulinatase HemA from <i>Rhodospseudomonas palustris</i> presents multiple conformations. <i>Biochemical and Biophysical Research Communications</i> , 2022, 609, 100-104.	2.1	5
8	Evaluation of <i>Aspergillus niger</i> Six Constitutive Strong Promoters by Fluorescent-Auxotrophic Selection Coupled with Flow Cytometry: A Case for Citric Acid Production. <i>Journal of Fungi (Basel)</i> , 2022, 8, 1015.	1.1	0
9	Data-Driven Synthetic Cell Factories Development for Industrial Biomanufacturing. <i>Biodesign Research</i> , 2022, 2022, .	1.9	2
10	Isoleucyl-tRNA synthetase mutant based whole-cell biosensor for high-throughput selection of isoleucine overproducers. <i>Biosensors and Bioelectronics</i> , 2021, 172, 112783.	10.1	16
11	Microbial Base Editing: A Powerful Emerging Technology for Microbial Genome Engineering. <i>Trends in Biotechnology</i> , 2021, 39, 165-180.	9.3	42
12	Promoting Lignin Valorization by Coping with Toxic C1 Byproducts. <i>Trends in Biotechnology</i> , 2021, 39, 331-335.	9.3	9
13	In-situ generation of large numbers of genetic combinations for metabolic reprogramming via CRISPR-guided base editing. <i>Nature Communications</i> , 2021, 12, 678.	12.8	44
14	Metallated Graphynes as a New Class of Photofunctional 2D Organometallic Nanosheets. <i>Angewandte Chemie</i> , 2021, 133, 11427-11435.	2.0	3
15	Metallated Graphynes as a New Class of Photofunctional 2D Organometallic Nanosheets. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11326-11334.	13.8	34
16	Transcriptome analysis reveals the roles of nitrogen metabolism and sedoheptulose biphosphatase pathway in methanol-dependent growth of <i>Corynebacterium glutamicum</i> . <i>Microbial Biotechnology</i> , 2021, 14, 1797-1808.	4.2	6
17	Development of a Hyperosmotic Stress Inducible Gene Expression System by Engineering the MtrA/MtrB-Dependent NCgl1418 Promoter in <i>Corynebacterium glutamicum</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 718511.	3.5	6
18	Turning Inside Out: Filamentous Fungal Secretion and Its Applications in Biotechnology, Agriculture, and the Clinic. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 535.	3.5	17

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19	A Library of <i>Aspergillus niger</i> Chassis Strains for Morphology Engineering Connects Strain Fitness and Filamentous Growth With Submerged Macromorphology. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 820088.	4.1	8
20	Directed Evolution and Rational Design of Mechanosensitive Channel MscCG2 for Improved Glutamate Excretion Efficiency. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 15660-15669.	5.2	2
21	Synthetic Methylophony: A Practical Solution for Methanol-Based Biomanufacturing. <i>Trends in Biotechnology</i> , 2020, 38, 650-666.	9.3	56
22	Efficient Construction of Near-Infrared Absorption Donor-Acceptor Copolymers with and without Pt(II)-Incorporation toward Broadband Nonlinear Optical Materials. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 2944-2951.	8.0	29
23	CRISPR/Cas13d-Mediated Microbial RNA Knockdown. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 856.	4.1	19
24	Diketopyrrolopyrrole based donor-acceptor $\pi$ -conjugated copolymers with near-infrared absorption for 532 and 1064 nm nonlinear optical materials. <i>Journal of Materials Chemistry C</i> , 2020, 8, 12993-13000.	5.5	23
25	Efficient Multiplex Gene Repression by CRISPR-dCpf1 in <i>Corynebacterium glutamicum</i> . <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 357.	4.1	33
26	Adaptive laboratory evolution enhances methanol tolerance and conversion in engineered <i>Corynebacterium glutamicum</i> . <i>Communications Biology</i> , 2020, 3, 217.	4.4	52
27	Efficient bioproduction of 5-aminolevulinic acid, a promising biostimulant and nutrient, from renewable bioresources by engineered <i>Corynebacterium glutamicum</i> . <i>Biotechnology for Biofuels</i> , 2020, 13, 41.	6.2	39
28	Disruption or reduced expression of the orotidine-5 $\alpha$ -decarboxylase gene <i>pyrG</i> increases citric acid production: a new discovery during recyclable genome editing in <i>Aspergillus niger</i> . <i>Microbial Cell Factories</i> , 2020, 19, 76.	4.0	22
29	Experimental study on surface settlements induced by sequential excavation of two parallel tunnels in drained granular soil. <i>Tunnelling and Underground Space Technology</i> , 2020, 98, 103347.	6.2	21
30	Mechanism and countermeasures of domino-like failure in underground pre-fabricated structures. <i>Engineering Failure Analysis</i> , 2020, 115, 104603.	4.0	4
31	Comprehensive Improvement of Sample Preparation Methodologies Facilitates Dynamic Metabolomics of <i>Aspergillus niger</i> . <i>Biotechnology Journal</i> , 2019, 14, 1800315.	3.5	18
32	Growth-coupled evolution of phosphoketolase to improve L-glutamate production by <i>Corynebacterium glutamicum</i> . <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 8413-8425.	3.6	14
33	Expanding targeting scope, editing window, and base transition capability of base editing in <i>Corynebacterium glutamicum</i> . <i>Biotechnology and Bioengineering</i> , 2019, 116, 3016-3029.	3.3	42
34	The use of Eulerian finite element method in face stability analysis of shield tunnels in undrained clay. <i>European Journal of Environmental and Civil Engineering</i> , 2019, , 1-12.	2.1	2
35	Volumetric behaviour of subsurface ground due to tunnelling in completely drained granular soil. <i>Computers and Geotechnics</i> , 2019, 116, 103217.	4.7	2
36	Front Cover Image, Volume 116, Number 11, November 2019. <i>Biotechnology and Bioengineering</i> , 2019, 116, i.	3.3	0

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37	Metabolic engineering of <i>Corynebacterium glutamicum</i> by synthetic small regulatory RNAs. Journal of Industrial Microbiology and Biotechnology, 2019, 46, 203-208.	3.0	39
38	Migratory Shift in Oxidative Cyclodehydrogenation Reaction of Tetraphenylethylenes Containing Electron-Rich THDTAP Moiety. Chemistry - an Asian Journal, 2019, 14, 1860-1869.	3.3	7
39	Systems metabolic engineering for citric acid production by <i>Aspergillus niger</i> in the post-genomic era. Microbial Cell Factories, 2019, 18, 28.	4.0	71
40	A quantitative image analysis pipeline for the characterization of filamentous fungal morphologies as a tool to uncover targets for morphology engineering: a case study using aplD in <i>Aspergillus niger</i> . Biotechnology for Biofuels, 2019, 12, 149.	6.2	42
41	Efficient Biosynthesis of Succinate from Paper Mill Wastewater by Engineered <i>Escherichia coli</i> . Applied Biochemistry and Biotechnology, 2019, 189, 1195-1208.	2.9	6
42	GREACE-assisted adaptive laboratory evolution in endpoint fermentation broth enhances lysine production by <i>Escherichia coli</i> . Microbial Cell Factories, 2019, 18, 106.	4.0	19
43	Moulding the mould: understanding and reprogramming filamentous fungal growth and morphogenesis for next generation cell factories. Biotechnology for Biofuels, 2019, 12, 77.	6.2	92
44	Strong optical limiting properties of Ormosil gel glasses doped with silver nano-particles. New Journal of Chemistry, 2019, 43, 6274-6278.	2.8	9
45	Efficient production of trans-3-hydroxyproline by a bacterial trans-3-proline hydroxylase and characterization of enzymatic properties. Biochemical Engineering Journal, 2019, 147, 57-61.	3.6	3
46	Enhancing 5-aminolevulinic acid tolerance and production by engineering the antioxidant defense system of <i>Escherichia coli</i> . Biotechnology and Bioengineering, 2019, 116, 2018-2028.	3.3	36
47	Functional exploration of co-expression networks identifies a nexus for modulating protein and citric acid titres in <i>Aspergillus niger</i> submerged culture. Fungal Biology and Biotechnology, 2019, 6, 18.	5.1	22
48	Experimental Research on the Transverse Effective Bending Rigidity of Shield Tunnels. Advances in Civil Engineering, 2019, 2019, 1-17.	0.7	12
49	Explanation for twin tunnelling-induced surface settlements by changes in soil stiffness on account of stress history. Tunnelling and Underground Space Technology, 2019, 85, 160-169.	6.2	10
50	Multistage regulation strategy as a tool to control the vertical displacement of railway tracks placed over the building site of two overlapped shield tunnels. Tunnelling and Underground Space Technology, 2019, 83, 282-290.	6.2	22
51	Simultaneously improving the activity and thermostability of a new proline 4-hydroxylase by loop grafting and site-directed mutagenesis. Applied Microbiology and Biotechnology, 2019, 103, 265-277.	3.6	18
52	Enhancing thermostability and removing hemin inhibition of <i>Rhodopseudomonas palustris</i> 5-aminolevulinic acid synthase by computer-aided rational design. Biotechnology Letters, 2019, 41, 181-191.	2.2	8
53	5S rRNA Promoter for Guide RNA Expression Enabled Highly Efficient CRISPR/Cas9 Genome Editing in <i>Aspergillus niger</i> . ACS Synthetic Biology, 2019, 8, 1568-1574.	3.8	96
54	Application of Dynamic Regulation to Increase L-Phenylalanine Production in <i>Escherichia coli</i> . Journal of Microbiology and Biotechnology, 2019, 29, 923-932.	2.1	14

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55	Broadband optical limiting and nonlinear optical graphene oxide co-polymerization Ormosil glasses. <i>Advanced Composites and Hybrid Materials</i> , 2018, 1, 397-403.	21.1	8
56	In situ hydrosilane reduction and preparation of gold nanoparticle-gel glass composites with nonlinear optical properties. <i>Journal of Materials Chemistry C</i> , 2018, 6, 5624-5629.	5.5	9
57	Enhancement of the thermal and alkaline pH stability of <i>Escherichia coli</i> lysine decarboxylase for efficient cadaverine production. <i>Biotechnology Letters</i> , 2018, 40, 719-727.	2.2	18
58	A Novel <i>Corynebacterium glutamicum</i> -Glutamate Exporter. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	3.1	49
59	MACBETH: Multiplex automated <i>Corynebacterium glutamicum</i> base editing method. <i>Metabolic Engineering</i> , 2018, 47, 200-210.	7.0	139
60	Removal of Feedback Inhibition of <i>Corynebacterium glutamicum</i> Phosphoenolpyruvate Carboxylase by Addition of a Short Terminal Peptide. <i>Biotechnology and Bioprocess Engineering</i> , 2018, 23, 72-78.	2.6	7
61	Remarkable nonlinear optical response of pyrazine-fused trichalcogenasumanenes and their application for optical power limiting. <i>Journal of Materials Chemistry C</i> , 2018, 6, 13114-13119.	5.5	42
62	Metabolic engineering of <i>Escherichia coli</i> for de novo biosynthesis of vitamin B12. <i>Nature Communications</i> , 2018, 9, 4917.	12.8	99
63	Engineering Artificial Fusion Proteins for Enhanced Methanol Bioconversion. <i>ChemBioChem</i> , 2018, 19, 2465-2471.	2.6	30
64	Mutations in Peptidoglycan Synthesis Gene <i>ponA</i> Improve Electrotransformation Efficiency of <i>Corynebacterium glutamicum</i> ATCC 13869. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	3.1	7
65	Modelling ground movements near a pressurised tunnel heading in drained granular soil. <i>Computers and Geotechnics</i> , 2018, 104, 152-166.	4.7	16
66	Opening two benzene rings on trichalcogenasumanenes toward high performance organic optical-limiting materials. <i>Chemical Communications</i> , 2018, 54, 10981-10984.	4.1	37
67	Eulerian finite element model for stability analysis of circular tunnels in undrained clay. <i>Engineering Failure Analysis</i> , 2018, 91, 216-224.	4.0	8
68	Engineering <i>Corynebacterium glutamicum</i> for methanol-dependent growth and glutamate production. <i>Metabolic Engineering</i> , 2018, 49, 220-231.	7.0	95
69	Broadband optical limiting of a novel twisted tetrathiafulvalene incorporated donor-acceptor material and its Ormosil gel glasses. <i>Journal of Materials Chemistry C</i> , 2018, 6, 8495-8501.	5.5	22
70	Heterologous and endogenous U6 snRNA promoters enable CRISPR/Cas9 mediated genome editing in <i>Aspergillus niger</i> . <i>Fungal Biology and Biotechnology</i> , 2018, 5, 2.	5.1	38
71	Precisely Controlled Up/Down-Conversion Liquid and Solid State Photoluminescence of Carbon Dots. <i>Advanced Optical Materials</i> , 2018, 6, 1800115.	7.3	79
72	Comprehensive optimization of the metabolomic methodology for metabolite profiling of <i>Corynebacterium glutamicum</i> . <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 7113-7121.	3.6	13

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73	CRISPR/Cas9-mediated ssDNA Recombineering in <i>Corynebacterium glutamicum</i> . Bio-protocol, 2018, 8, e3038.	0.4	1
74	Biosensor-Based Evolution and Elucidation of a Biosynthetic Pathway in <i>Escherichia coli</i> . ACS Synthetic Biology, 2017, 6, 837-848.	3.8	64
75	A food-grade expression system for d-psicose 3-epimerase production in <i>Bacillus subtilis</i> using an alanine racemase-encoding selection marker. Bioresources and Bioprocessing, 2017, 4, 9.	4.2	15
76	Study of the collapse mechanism of shield tunnels due to the failure of segments in sandy ground. Engineering Failure Analysis, 2017, 79, 464-490.	4.0	70
77	Multimer recognition and secretion by the non-classical secretion pathway in <i>Bacillus subtilis</i> . Scientific Reports, 2017, 7, 44023.	3.3	26
78	Identification of a new gene <i>yecC</i> involved in threonine export in <i>Escherichia coli</i> . FEMS Microbiology Letters, 2017, 364, .	1.8	5
79	Biomanufacturing: history and perspective. Journal of Industrial Microbiology and Biotechnology, 2017, 44, 773-784.	3.0	104
80	High-throughput metagenomic analysis of petroleum-contaminated soil microbiome reveals the versatility in xenobiotic aromatics metabolism. Journal of Environmental Sciences, 2017, 56, 25-35.	6.1	50
81	Find_tfSBP: find thermodynamics-feasible and smallest balanced pathways with high yield from large-scale metabolic networks. Scientific Reports, 2017, 7, 17334.	3.3	5
82	Biological conversion of methanol by evolved <i>Escherichia coli</i> carrying a linear methanol assimilation pathway. Bioresources and Bioprocessing, 2017, 4, .	4.2	35
83	Development of a CRISPR/Cas9 genome editing toolbox for <i>Corynebacterium glutamicum</i> . Microbial Cell Factories, 2017, 16, 205.	4.0	103
84	In Vitro Optimization of Enzymes Involved in Precorrin-2 Synthesis Using Response Surface Methodology. PLoS ONE, 2016, 11, e0151149.	2.5	12
85	Promoter Screening from <i>Bacillus subtilis</i> in Various Conditions Hunting for Synthetic Biology and Industrial Applications. PLoS ONE, 2016, 11, e0158447.	2.5	62
86	Evolving the <i>scp</i> -lysine high-producing strain of <i>Escherichia coli</i> using a newly developed high-throughput screening method. Journal of Industrial Microbiology and Biotechnology, 2016, 43, 1227-1235.	3.0	39
87	Characterization of a new lysine decarboxylase from <i>Aliivibrio salmonicida</i> for cadaverine production at alkaline pH. Journal of Molecular Catalysis B: Enzymatic, 2016, 133, S88-S94.	1.8	9
88	Complete genome sequence and transcriptomic analysis of a novel marine strain <i>Bacillus weihaiensis</i> reveals the mechanism of brown algae degradation. Scientific Reports, 2016, 6, 38248.	3.3	39
89	Production of 5-aminolevulinic acid by cell free multi-enzyme catalysis. Journal of Biotechnology, 2016, 226, 8-13.	3.8	34
90	Conjugated Random Donor-Acceptor Copolymers of [1]Benzothieno[3,2- <i>b</i> ]benzothiophene and Diketopyrrolopyrrole Units for High Performance Polymeric Semiconductor Applications. Macromolecules, 2016, 49, 6334-6342.	4.8	30

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91	The adjustment of bandgap and coplanarity of diketopyrrolopyrrole-based copolymers through fine-tuning of the conjugated backbones and applications in thin film field effect transistors. <i>Journal of Materials Chemistry C</i> , 2016, 4, 9359-9365.	5.5	11
92	Improving the Production of L-Phenylalanine by Identifying Key Enzymes Through Multi-Enzyme Reaction System in Vitro. <i>Scientific Reports</i> , 2016, 6, 32208.	3.3	41
93	A novel strategy for protein production using non-classical secretion pathway in <i>Bacillus subtilis</i> . <i>Microbial Cell Factories</i> , 2016, 15, 69.	4.0	57
94	A newly isolated and identified vitamin B12 producing strain: <i>Sinorhizobium meliloti</i> 320. <i>Bioprocess and Biosystems Engineering</i> , 2016, 39, 1527-1537.	3.4	17
95	Tet-on, or Tet-off, that is the question: Advanced conditional gene expression in <i>Aspergillus</i> . <i>Fungal Genetics and Biology</i> , 2016, 89, 72-83.	2.1	77
96	Determination of key enzymes for threonine synthesis through in vitro metabolic pathway analysis. <i>Microbial Cell Factories</i> , 2015, 14, 86.	4.0	30
97	Driving Green Growth: Innovation at the Tianjin Institute of Industrial Biotechnology. <i>Industrial Biotechnology</i> , 2015, 11, 151-153.	0.8	4
98	Developing a high-throughput screening method for threonine overproduction based on an artificial promoter. <i>Microbial Cell Factories</i> , 2015, 14, 121.	4.0	55
99	Donor-acceptor type co-crystals of arylthio-substituted tetrathiafulvalenes and fullerenes. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 1043-1051.	2.2	10
100	Copper ion salts of arylthiotetrathiafulvalenes: synthesis, structure diversity and magnetic properties. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 850-859.	2.2	9
101	Honeycomb supramolecular frameworks of organic-inorganic hybrid cluster composed of cation radical and Keggin-type polyoxometalate. <i>CrystEngComm</i> , 2015, 17, 4110-4116.	2.6	18
102	Modeling and parameters identification of 2-keto-l-gulonic acid fed-batch fermentation. <i>Bioprocess and Biosystems Engineering</i> , 2015, 38, 605-614.	3.4	3
103	Complete genome sequence of <i>Corynebacterium glutamicum</i> B253, a Chinese lysine-producing strain. <i>Journal of Biotechnology</i> , 2015, 207, 10-11.	3.8	8
104	Inclusion complexes of fullerenes with flexible tetrathiafulvalene derivatives bearing four aryls through sulfur bridges. <i>Journal of Materials Chemistry C</i> , 2014, 2, 8071-8076.	5.5	12
105	Decorating Tetrathiafulvalene (TTF) with Fluorinated Phenyls through Sulfur Bridges: Facile Synthesis, Properties, and Aggregation through Fluorine Interactions. <i>Chemistry - A European Journal</i> , 2014, 20, 9650-9656.	3.3	16
106	Essential O <sub>2</sub> -responsive genes of <i>Pseudomonas aeruginosa</i> and their network revealed by integrating dynamic data from inverted conditions. <i>Integrative Biology (United Kingdom)</i> , 2014, 6, 215.	1.3	8
107	Exploring the allosteric mechanism of dihydrodipicolinate synthase by reverse engineering of the allosteric inhibitor binding sites and its application for lysine production. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 1963-1971.	3.6	43
108	Molecular and Crystal Structure Diversity, and Physical Properties of Tetrathiafulvalene Derivatives Substituted with Various Aryl Groups through Sulfur Bridges. <i>Chemistry - A European Journal</i> , 2013, 19, 12517-12525.	3.3	23



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109	Cloning of two 5-aminolevulinic acid synthase isozymes HemA and HemO from <i>Rhodospseudomonas palustris</i> with favorable characteristics for 5-aminolevulinic acid production. <i>Biotechnology Letters</i> , 2013, 35, 763-768.	2.2	24
110	Development of thermodynamic optimum searching (TOS) to improve the prediction accuracy of flux balance analysis. <i>Biotechnology and Bioengineering</i> , 2013, 110, 914-923.	3.3	12
111	Study and reengineering of the binding sites and allosteric regulation of biosynthetic threonine deaminase by isoleucine and valine in <i>Escherichia coli</i> . <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 2939-2949.	3.6	38
112	Straightforward access to aryl-substituted/fused 1,3-dithiole-2-chalcogenones by Cu-catalyzed C-S coupling between aryl iodides and zinc-thiolate complex (TBA)2[Zn(DMIT)2]. <i>RSC Advances</i> , 2013, 3, 10193.	3.6	23
113	Engineering of recombinant <i>Escherichia coli</i> cells expressing poly( $\beta$ -glutamic acid ( $\beta$ -PGA) synthetase and glutamate racemase for differential yielding of $\beta$ -PGA. <i>Microbial Biotechnology</i> , 2013, 6, 675-684.	4.2	30
114	Draft Genome Sequence of <i>Lactococcus lactis</i> subsp. <i>lactis</i> Strain YF11. <i>Genome Announcements</i> , 2013, 1, .	0.8	6
115	Construction and Analysis of the Model of Energy Metabolism in <i>E. coli</i> . <i>PLoS ONE</i> , 2013, 8, e55137.	2.5	4
116	ReacKnock: Identifying Reaction Deletion Strategies for Microbial Strain Optimization Based on Genome-Scale Metabolic Network. <i>PLoS ONE</i> , 2013, 8, e72150.	2.5	39
117	Quasi-one-dimensional (Q1D) organic Mott insulators based on bent donor molecule EDO-EDSe-TTFVS. <i>Synthetic Metals</i> , 2012, 162, 2342-2348.	3.9	2
118	A genome-wide study of two-component signal transduction systems in eight newly sequenced mutants streptococci strains. <i>BMC Genomics</i> , 2012, 13, 128.	2.8	31
119	Structures and physical properties of magnetic organic conductors based on bent donor molecule EDT-EDSe-TTFVS. <i>Synthetic Metals</i> , 2012, 162, 1809-1814.	3.9	3
120	Genome Sequence of the Thermophilic Strain <i>Bacillus coagulans</i> 2-6, an Efficient Producer of High-Optical-Purity L-Lactic Acid. <i>Journal of Bacteriology</i> , 2011, 193, 4563-4564.	2.2	20
121	Coevolutionary Analysis Enabled Rational Deregulation of Allosteric Enzyme Inhibition in <i>Corynebacterium glutamicum</i> for Lysine Production. <i>Applied and Environmental Microbiology</i> , 2011, 77, 4352-4360.	3.1	61
122	An extended bioreaction database that significantly improves reconstruction and analysis of genome-scale metabolic networks. <i>Integrative Biology (United Kingdom)</i> , 2011, 3, 1071-1086.	1.3	23
123	Integrating molecular dynamics and co-evolutionary analysis for reliable target prediction and deregulation of the allosteric inhibition of aspartokinase for amino acid production. <i>Journal of Biotechnology</i> , 2011, 154, 248-254.	3.8	49
124	Novel (2R,3R)-2,3-Butanediol Dehydrogenase from Potential Industrial Strain <i>Paenibacillus polymyxa</i> ATCC 12321. <i>Applied and Environmental Microbiology</i> , 2011, 77, 4230-4233.	3.1	61
125	Metabolic modelling of syntrophic-like growth of a 1,3-propanediol producer, <i>Clostridium butyricum</i> , and a methanogenic archaeon, <i>Methanosarcina mazei</i> , under anaerobic conditions. <i>Bioprocess and Biosystems Engineering</i> , 2010, 33, 507-523.	3.4	49
126	The intra- and extracellular proteome of <i>Aspergillus niger</i> growing on defined medium with xylose or maltose as carbon substrate. <i>Microbial Cell Factories</i> , 2010, 9, 23.	4.0	131



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127	Biofuel production by in vitro synthetic enzymatic pathway biotransformation. <i>Current Opinion in Biotechnology</i> , 2010, 21, 663-669.	6.6	76
128	Non-Sterilized Fermentative Production of Polymer-Grade L-Lactic Acid by a Newly Isolated Thermophilic Strain <i>Bacillus</i> sp. 2â€“6. <i>PLoS ONE</i> , 2009, 4, e4359.	2.5	103
129	Transcriptomic response of the mycoparasitic fungus <i>Trichoderma atroviride</i> to the presence of a fungal prey. <i>BMC Genomics</i> , 2009, 10, 567.	2.8	141
130	Biodiversity and evolution of primary carbon metabolism in <i>Aspergillus nidulans</i> and other <i>Aspergillus</i> spp.. <i>Fungal Genetics and Biology</i> , 2009, 46, S19-S44.	2.1	93
131	The 2008 update of the <i>Aspergillus nidulans</i> genome annotation: A community effort. <i>Fungal Genetics and Biology</i> , 2009, 46, S2-S13.	2.1	99
132	Functional characterization of the gene PA2384 in large-scale gene regulation in response to iron starvation in <i>Pseudomonas aeruginosa</i> . <i>Journal of Biotechnology</i> , 2007, 132, 342-352.	3.8	34
133	Metabolic peculiarities of <i>Aspergillus niger</i> disclosed by comparative metabolic genomics. <i>Genome Biology</i> , 2007, 8, R182.	9.6	51
134	Genome sequencing and analysis of the versatile cell factory <i>Aspergillus niger</i> CBS 513.88. <i>Nature Biotechnology</i> , 2007, 25, 221-231.	17.5	1,047
135	A protein database constructed from low-coverage genomic sequence of <i>Bacillus megaterium</i> and its use for accelerated proteomic analysis. <i>Journal of Biotechnology</i> , 2006, 124, 486-495.	3.8	16
136	Discovery and investigation of a new, second triose phosphate isomerase in <i>Klebsiella pneumoniae</i> . <i>Journal of Biotechnology</i> , 2006, 125, 462-473.	3.8	12
137	Proteomic characterization of transient expression and secretion of a stress-related metalloprotease in high cell density culture of <i>Bacillus megaterium</i> . <i>Journal of Biotechnology</i> , 2006, 126, 313-324.	3.8	16
138	Overexpression of genes of the <i>dha</i> regulon and its effects on cell growth, glycerol fermentation to 1,3-propanediol and plasmid stability in <i>Klebsiella pneumoniae</i> . <i>Process Biochemistry</i> , 2006, 41, 2160-2169.	3.7	73
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