

Ping Xu

List of Publications by Year in descending order

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342
papers

12,602
citations

20759

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h-index

51492

86
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360
all docs

360
docs citations

360
times ranked

10732
citing authors

#	ARTICLE	IF	CITATIONS
1	Soil bioremediation by <i>Pseudomonas brassicacearum</i> MPDS and its enzyme involved in degrading PAHs. <i>Science of the Total Environment</i> , 2022, 813, 152522.	3.9	15
2	Enabling QTY Server for Designing Water-Soluble α -Helical Transmembrane Proteins. <i>MBio</i> , 2022, 13, e0360421.	1.8	10
3	Reliable detection of <i>Listeria monocytogenes</i> by a portable paper-based multi-biocatalyst platform integrating three biomarkers: Gene hly, acetoin, and listeriolysin O protein. <i>Journal of Electroanalytical Chemistry</i> , 2022, 905, 115975.	1.9	3
4	Rapid production of α -DOPA by <i>Vibrio natriegens</i> , an emerging next-generation whole-cell catalysis chassis. <i>Microbial Biotechnology</i> , 2022, 15, 1610-1621.	2.0	11
5	Direct carbon capture for the production of high-performance biodegradable plastics by cyanobacterial cell factories. <i>Green Chemistry</i> , 2022, 24, 4470-4483.	4.6	18
6	Enhanced <i>d</i> -Serine Production from Glycerol by Integration with Thermodynamically Favorable <i>d</i> -Glycerate Oxidation. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 2587-2592.	3.2	5
7	Biotechnological production of chiral acetoin. <i>Trends in Biotechnology</i> , 2022, 40, 958-973.	4.9	7
8	A thermophile <i>Hydrogenibacillus</i> sp. strain efficiently degrades environmental pollutants polycyclic aromatic hydrocarbons. <i>Environmental Microbiology</i> , 2022, 24, 436-450.	1.8	10
9	Flow Electrochemistry Enables Microbial Atmospheric CO ₂ Fixation via Coupling with Iodine-Mediated Organic Reactions. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 541-551.	3.2	7
10	Biocatalytic CO ₂ fixation initiates selective oxidative cracking of 1-naphthol under ambient conditions. <i>Green Chemistry</i> , 2022, 24, 4766-4771.	4.6	2
11	A <i>d,l</i> -lactate biosensor based on allosteric transcription factor LldR and amplified luminescent proximity homogeneous assay. <i>Biosensors and Bioelectronics</i> , 2022, 211, 114378.	5.3	6
12	Insights from comparative proteomic analysis into degradation of phenanthrene and salt tolerance by the halophilic <i>Marteella</i> strain AD-3. <i>Ecotoxicology</i> , 2021, 30, 1499-1510.	1.1	4
13	A <i>Pseudomonas</i> sp. strain uniquely degrades PAHs and heterocyclic derivatives via lateral dioxygenation pathways. <i>Journal of Hazardous Materials</i> , 2021, 403, 123956.	6.5	51
14	Unique regulator SrpR mediates crosstalk between efflux pumps TtgABC and SrpABC in <i>Pseudomonas putida</i> B6 (DSM 28064). <i>Molecular Microbiology</i> , 2021, 115, 131-141.	1.2	6
15	Nanoporous gold: A review and potentials in biotechnological and biomedical applications. <i>Nano Select</i> , 2021, 2, 1437-1458.	1.9	20
16	Aggregated structures and their functionalities in hydrogels. <i>Aggregate</i> , 2021, 2, e33.	5.2	39
17	Structure-guided insights into heterocyclic ring-cleavage catalysis of the non-heme Fe (II) dioxygenase NicX. <i>Nature Communications</i> , 2021, 12, 1301.	5.8	5
18	A cold shock protein promotes high-temperature microbial growth through binding to diverse RNA species. <i>Cell Discovery</i> , 2021, 7, 15.	3.1	15

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19	Characterization of Lysozyme-Like Effector TseP Reveals the Dependence of Type VI Secretion System (T6SS) Secretion on Effectors in <i>Aeromonas dhakensis</i> Strain SSU. <i>Applied and Environmental Microbiology</i> , 2021, 87, e0043521.	1.4	11
20	2,3-Butanediol synthesis from glucose supplies NADH for elimination of toxic acetate produced during overflow metabolism. <i>Cell Discovery</i> , 2021, 7, 43.	3.1	12
21	An l-2-hydroxyglutarate biosensor based on specific transcriptional regulator LhgR. <i>Nature Communications</i> , 2021, 12, 3619.	5.8	21
22	Genetic mapping of highly versatile and solvent-tolerant <i>Pseudomonas putida</i> B6-2(ATCC BAA-2545) as a "superstar" for mineralization of PAHs and dioxin-like compounds. <i>Environmental Microbiology</i> , 2021, 23, 4309-4325.	2.8	19
23	Matcha Green Tea Alleviates Non-Alcoholic Fatty Liver Disease in High-Fat Diet-Induced Obese Mice by Regulating Lipid Metabolism and Inflammatory Responses. <i>Nutrients</i> , 2021, 13, 1950.	1.7	22
24	Coculture of <i>Gluconobacter oxydans</i> and <i>Escherichia coli</i> for 3,4-Dihydroxybutyric Acid Production from Xylose. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 10809-10817.	3.2	8
25	Structural, Mechanistic, and Functional Insights into an <i>Arthrobacter nicotinovorans</i> Molybdenum Hydroxylase Involved in Nicotine Degradation. <i>Molecules</i> , 2021, 26, 4387.	1.7	2
26	Molecular mechanisms and biochemical analysis of fluorene degradation by the <i>Pseudomonas</i> sp. SMT-1 strain. <i>3 Biotech</i> , 2021, 11, 416.	1.1	2
27	Dehydrogenation Mechanism of Three Stereoisomers of Butane-2,3-Diol in <i>Pseudomonas putida</i> KT2440. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 728767.	2.0	2
28	Hexabromocyclododecanes Are Dehalogenated by CYP168A1 from <i>Pseudomonas aeruginosa</i> Strain HS9. <i>Applied and Environmental Microbiology</i> , 2021, 87, e0082621.	1.4	14
29	Microbial degradation of multiple PAHs by a microbial consortium and its application on contaminated wastewater. <i>Journal of Hazardous Materials</i> , 2021, 419, 126524.	6.5	39
30	VgrG-dependent effectors and chaperones modulate the assembly of the type VI secretion system. <i>PLoS Pathogens</i> , 2021, 17, e1010116.	2.1	21
31	A d-2-hydroxyglutarate biosensor based on specific transcriptional regulator DhdR. <i>Nature Communications</i> , 2021, 12, 7108.	5.8	14
32	Biological insights into non-model microbial hosts through stable-isotope metabolic flux analysis. <i>Current Opinion in Biotechnology</i> , 2020, 64, 32-38.	3.3	7
33	Microbial Production of Hydrogen by Mixed Culture Technologies: A Review. <i>Biotechnology Journal</i> , 2020, 15, e1900297.	1.8	24
34	Pollution and biodegradation of hexabromocyclododecanes: A review. <i>Frontiers of Environmental Science and Engineering</i> , 2020, 14, 1.	3.3	20
35	Phenol biodegradation by <i>Acinetobacter radioresistens</i> APH1 and its application in soil bioremediation. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 427-437.	1.7	51
36	Microbial colonization of different microplastic types and biotransformation of sorbed PCBs by a marine anaerobic bacterial community. <i>Science of the Total Environment</i> , 2020, 705, 135790.	3.9	79

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37	Stress Relaxation and Underlying Structure Evolution in Tough and Self-Healing Hydrogels. ACS Macro Letters, 2020, 9, 1582-1589.	2.3	31
38	Kinetic characteristics of long-term repeated fed-batch (LtrFb) lactic acid fermentation by a <i>Bacillus coagulans</i> strain. Engineering in Life Sciences, 2020, 20, 562-570.	2.0	13
39	Structural Insights into 6-Hydroxypseudooxynicotine Amine Oxidase from <i>Pseudomonas geniculata</i> N1, the Key Enzyme Involved in Nicotine Degradation. Applied and Environmental Microbiology, 2020, 86, .	1.4	7
40	Hydrogels as dynamic memory with forgetting ability. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 18962-18968.	3.3	76
41	Efficient 2,3-butanediol production from whey powder using metabolically engineered <i>Klebsiella oxytoca</i> . Microbial Cell Factories, 2020, 19, 162.	1.9	27
42	Molecular Deceleration Regulates Toxicant Release to Prevent Cell Damage in <i>Pseudomonas putida</i> S16 (DSM 28022). MBio, 2020, 11, .	1.8	4
43	Pyruvate Production from Whey Powder by Metabolic Engineered <i>Klebsiella oxytoca</i> . Journal of Agricultural and Food Chemistry, 2020, 68, 15275-15283.	2.4	6
44	Lamellar Bilayer to Fibril Structure Transformation of Tough Photonic Hydrogel under Elongation. Macromolecules, 2020, 53, 4711-4721.	2.2	7
45	Metabolic Engineering of <i>Bacillus licheniformis</i> for Production of Acetoin. Frontiers in Bioengineering and Biotechnology, 2020, 8, 125.	2.0	21
46	Mesoscale bicontinuous networks in self-healing hydrogels delay fatigue fracture. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 7606-7612.	3.3	86
47	Phase Separation Behavior in Tough and Self-Healing Polyampholyte Hydrogels. Macromolecules, 2020, 53, 5116-5126.	2.2	49
48	Next-Generation Microbial Workhorses: Comparative Genomic Analysis of Fast-Growing <i>Vibrio</i> Strains Reveals Their Biotechnological Potential. Biotechnology Journal, 2020, 15, e1900499.	1.8	9
49	Maximization of the petroleum biodegradation using a synthetic bacterial consortium based on minimal value algorithm. International Biodeterioration and Biodegradation, 2020, 150, 104964.	1.9	7
50	Intramolecular chaperone-mediated secretion of an Rhs effector toxin by a type VI secretion system. Nature Communications, 2020, 11, 1865.	5.8	46
51	The HBCDs biodegradation using a <i>Pseudomonas</i> strain and its application in soil phytoremediation. Journal of Hazardous Materials, 2019, 380, 120833.	6.5	40
52	Characterization of environmentally friendly degradation of hexabromocyclododecane by a <i>Bacillus</i> strain HBCD-sjtu. International Biodeterioration and Biodegradation, 2019, 145, 104794.	1.9	13
53	An onboard checking mechanism ensures effector delivery of the type VI secretion system in <i>Vibrio cholerae</i> . Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 23292-23298.	3.3	45
54	High ectoine production by an engineered <i>Halomonas hydrothermalis</i> Y2 in a reduced salinity medium. Microbial Cell Factories, 2019, 18, 184.	1.9	29

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55	Enhancing Bioremediation Potential of <i>Pseudomonas putida</i> by Developing Its Acid Stress Tolerance With Glutamate Decarboxylase Dependent System and Global Regulator of Extreme Radiation Resistance. <i>Frontiers in Microbiology</i> , 2019, 10, 2033.	1.5	21
56	Regulation of Glutarate Catabolism by GntR Family Regulator CsiR and LysR Family Regulator GcdR in <i>Pseudomonas putida</i> KT2440. <i>MBio</i> , 2019, 10, .	1.8	15
57	Effect of Structure Heterogeneity on Mechanical Performance of Physical Polyampholytes Hydrogels. <i>Macromolecules</i> , 2019, 52, 7369-7378.	2.2	42
58	A Pandas complex adapted for piRNA-guided transcriptional silencing and heterochromatin formation. <i>Nature Cell Biology</i> , 2019, 21, 1261-1272.	4.6	49
59	Microbial degradation of nitrogen heterocycles. <i>International Biodeterioration and Biodegradation</i> , 2019, 142, 170-171.	1.9	3
60	Cloning and characterization the nicotine degradation enzymes 6-hydroxypseudoxy nicotine amine oxidase and 6-hydroxy-3-succinoylpyridine hydroxylase in <i>Pseudomonas geniculata</i> N1. <i>International Biodeterioration and Biodegradation</i> , 2019, 142, 83-90.	1.9	7
61	Regulatory Mechanism of Nicotine Degradation in <i>Pseudomonas putida</i> . <i>MBio</i> , 2019, 10, .	1.8	21
62	Isolation, Characterization, and Genomic Analysis of <i>Pseudomonas</i> sp. Strain SMT-1, an Efficient Fluorene-Degrading Bacterium. <i>Evolutionary Bioinformatics</i> , 2019, 15, 117693431984351.	0.6	7
63	Power generation and microbial community analysis in microbial fuel cells: A promising system to treat organic acid fermentation wastewater. <i>Bioresource Technology</i> , 2019, 284, 72-79.	4.8	80
64	Metabolite-based mutualism enhances hydrogen production in a two-species microbial consortium. <i>Communications Biology</i> , 2019, 2, 82.	2.0	32
65	Characterization of a Dibenzofuran-degrading strain of <i>Pseudomonas aeruginosa</i> , FA-HZ1. <i>Environmental Pollution</i> , 2019, 250, 262-273.	3.7	16
66	Molecular Mechanism of <i>N,N</i> -Dimethylformamide Degradation in <i>Methylobacterium</i> sp. Strain DM1. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	37
67	l-Lactic acid production by <i>Bacillus coagulans</i> through simultaneous saccharification and fermentation of lignocellulosic corncob residue. <i>Bioresource Technology Reports</i> , 2019, 6, 131-137.	1.5	48
68	Steps Toward High-Performance PLA: Economical Production of ϵ -Lactate Enabled by a Newly Isolated <i>Sporolactobacillus terrae</i> Strain. <i>Biotechnology Journal</i> , 2019, 14, e1800656.	1.8	17
69	Production of <i>d</i> -Xylonate from Corn Cob Hydrolysate by a Metabolically Engineered <i>Escherichia coli</i> Strain. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 2160-2168.	3.2	20
70	Potassium resistance of halotolerant and alkaliphilic <i>Halomonas</i> sp. Y2 by a Na ⁺ -induced K ⁺ extrusion mechanism. <i>Microbiology (United Kingdom)</i> , 2019, 165, 411-418.	0.7	3
71	Bacterial electroactivity and viability depends on the carbon nanotube-coated sponge anode used in a microbial fuel cell. <i>Bioelectrochemistry</i> , 2018, 122, 26-31.	2.4	17
72	An engineered <i>Pseudomonas putida</i> can simultaneously degrade organophosphates, pyrethroids and carbamates. <i>Science of the Total Environment</i> , 2018, 628-629, 1258-1265.	3.9	66

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73	Titelbild: Temperatureâ€Directed Biocatalysis for the Sustainable Production of Aromatic Aldehydes or Alcohols (Angew. Chem. 5/2018). Angewandte Chemie, 2018, 130, 1133-1133.	1.6	0
74	Temperatureâ€Directed Biocatalysis for the Sustainable Production of Aromatic Aldehydes or Alcohols. Angewandte Chemie - International Edition, 2018, 57, 1214-1217.	7.2	43
75	Temperatureâ€Directed Biocatalysis for the Sustainable Production of Aromatic Aldehydes or Alcohols. Angewandte Chemie, 2018, 130, 1228-1231.	1.6	7
76	InnenrÃ¼cktitelbild: Remodeling of the Photosynthetic Chain Promotes Direct CO ₂ Conversion into Valuable Aromatic Compounds (Angew. Chem. 49/2018). Angewandte Chemie, 2018, 130, 16469-16469.	1.6	1
77	2-Hydroxy-4-(3-oxo-3H-benzofuran-2-ylidene)but-2-enoic acid biosynthesis from dibenzofuran using lateral dioxygenation in a Pseudomonas putida strain B6-2 (DSM 28064). Bioresources and Bioprocessing, 2018, 5, .	2.0	2
78	Enhancing Light-Driven 1,3-Propanediol Production by Using Natural Compartmentalization of Differentiated Cells. ACS Synthetic Biology, 2018, 7, 2436-2446.	1.9	14
79	Remodeling of the Photosynthetic Chain Promotes Direct CO ₂ Conversion into Valuable Aromatic Compounds. Angewandte Chemie, 2018, 130, 16222-16226.	1.6	6
80	Remodeling of the Photosynthetic Chain Promotes Direct CO ₂ Conversion into Valuable Aromatic Compounds. Angewandte Chemie - International Edition, 2018, 57, 15990-15994.	7.2	25
81	Engineering of glycerol utilization in Gluconobacter oxydans 621H for biocatalyst preparation in a low-cost way. Microbial Cell Factories, 2018, 17, 158.	1.9	10
82	Production of value-added chemicals from glycerol using in vitro enzymatic cascades. Communications Chemistry, 2018, 1, .	2.0	37
83	A Coenzyme-Free Biocatalyst for the Value-Added Utilization of Lignin-Derived Aromatics. Journal of the American Chemical Society, 2018, 140, 16001-16005.	6.6	63
84	Multiscale Energy Dissipation Mechanism in Tough and Self-Healing Hydrogels. Physical Review Letters, 2018, 121, 185501.	2.9	104
85	Genome sequence of Halomonas hydrothermalis Y2, an efficient ectoine-producer isolated from pulp mill wastewater. Journal of Biotechnology, 2018, 285, 38-41.	1.9	9
86	d-2-Hydroxyglutarate dehydrogenase plays a dual role in l-serine biosynthesis and d-malate utilization in the bacterium Pseudomonas stutzeri. Journal of Biological Chemistry, 2018, 293, 15513-15523.	1.6	13
87	Increased glutarate production by blocking the glutaryl-CoA dehydrogenation pathway and a catabolic pathway involving l-2-hydroxyglutarate. Nature Communications, 2018, 9, 2114.	5.8	48
88	Complete genome sequence of Bacillus sp. HBCD-sjtu, an efficient HBCD-degrading bacterium. 3 Biotech, 2018, 8, 291.	1.1	18
89	The plasticity of indigenous microbial community in a full-scale heavy oil-produced water treatment plant. Journal of Hazardous Materials, 2018, 358, 155-164.	6.5	14
90	2,3-Butanediol catabolism in Pseudomonas aeruginosa PAO1. Environmental Microbiology, 2018, 20, 3927-3940.	1.8	22

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91	Purification and Initial Characterization of 3-Hydroxybenzoate 6-Hydroxylase From a Halophilic Martellella Strain AD-3. <i>Frontiers in Microbiology</i> , 2018, 9, 1335.	1.5	5
92	Two NAD ⁺ -Independent <i>l</i> -lactate dehydrogenases drive <i>l</i> -lactate utilization in <i>Pseudomonas aeruginosa</i> PAO1. <i>Environmental Microbiology Reports</i> , 2018, 10, 569-575.	1.0	7
93	Critical Functions of Region 1-67 and Helix XIII in Retaining the Active Structure of NhaD Antiporter in <i>Halomonas</i> sp. Y2. <i>Frontiers in Microbiology</i> , 2018, 9, 831.	1.5	8
94	Engineering Cyanobacteria for Photosynthetic Production of C3 Platform Chemicals and Terpenoids from CO ₂ . <i>Advances in Experimental Medicine and Biology</i> , 2018, 1080, 239-259.	0.8	6
95	Complete Genome Sequence of <i>Pseudomonas aeruginosa</i> FA-HZ1, an Efficient Dibenzofuran-Degrading Bacterium. <i>Genome Announcements</i> , 2017, 5, .	0.8	2
96	1,3-Propanediol production by a newly isolated strain, <i>Clostridium perfringens</i> GYL. <i>Bioresource Technology</i> , 2017, 233, 406-412.	4.8	23
97	Nanoporous gold-based microbial biosensor for direct determination of sulfide. <i>Biosensors and Bioelectronics</i> , 2017, 98, 29-35.	5.3	47
98	Effect of Fe ₃ O ₄ nanoparticles on <i>Sphingobium yanoikuyae</i> XLDN2-5 cells in carbazole biodegradation. <i>Nanotechnology for Environmental Engineering</i> , 2017, 2, 1.	2.0	4
99	Functional Interaction between the N and C Termini of NhaD Antiporters from <i>Halomonas</i> sp. Strain Y2. <i>Journal of Bacteriology</i> , 2017, 199, .	1.0	8
100	Coordination of metabolic pathways: Enhanced carbon conservation in 1,3-propanediol production by coupling with optically pure lactate biosynthesis. <i>Metabolic Engineering</i> , 2017, 41, 102-114.	3.6	46
101	Enzymatic Cascades for Efficient Biotransformation of Racemic Lactate Derived from Corn Steep Water. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 3456-3464.	3.2	22
102	Unveiling the biotransformation mechanism of indole in a <i>Cupriavidus</i> sp. strain. <i>Molecular Microbiology</i> , 2017, 106, 905-918.	1.2	39
103	Multiple Roles for Two Efflux Pumps in the Polycyclic Aromatic Hydrocarbon-Degrading <i>Pseudomonas putida</i> Strain B6-2 (DSM 28064). <i>Applied and Environmental Microbiology</i> , 2017, 83, .	1.4	25
104	Simultaneous hydrolysis of carbaryl and chlorpyrifos by <i>Stenotrophomonas</i> sp. strain YC-1 with surface-displayed carbaryl hydrolase. <i>Scientific Reports</i> , 2017, 7, 13391.	1.6	6
105	Coupling between <i>d</i> -3-phosphoglycerate dehydrogenase and <i>d</i> -2-hydroxyglutarate dehydrogenase drives bacterial <i>l</i> -serine synthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E7574-E7582.	3.3	41
106	Tough, self-recovery and self-healing polyampholyte hydrogels. <i>Polymer Science - Series C</i> , 2017, 59, 11-17.	0.8	12
107	A Bacterial Multidomain NAD-Independent <i>d</i> -Lactate Dehydrogenase Utilizes Flavin Adenine Dinucleotide and Fe-S Clusters as Cofactors and Quinone as an Electron Acceptor for <i>d</i> -Lactate Oxidation. <i>Journal of Bacteriology</i> , 2017, 199, .	1.0	12
108	Directing enzyme devolution for biosynthesis of alkanols and 1,n-alkanediols from natural polyhydroxy compounds. <i>Metabolic Engineering</i> , 2017, 44, 70-80.	3.6	12

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109	Combinatorial metabolic engineering of <i>Pseudomonas putida</i> KT2440 for efficient mineralization of 1,2,3-trichloropropane. <i>Scientific Reports</i> , 2017, 7, 7064.	1.6	34
110	Switch of metabolic status: redirecting metabolic flux for acetoin production from glycerol by activating a silent glycerol catabolism pathway. <i>Metabolic Engineering</i> , 2017, 39, 90-101.	3.6	36
111	Structural basis for the transcriptional repressor NicR2 in nicotine degradation from <i>Pseudomonas</i> . <i>Molecular Microbiology</i> , 2017, 103, 165-180.	1.2	3
112	Efficient secretory expression of recombinant proteins in <i>Escherichia coli</i> with a novel actinomycete signal peptide. <i>Protein Expression and Purification</i> , 2017, 129, 69-74.	0.6	11
113	Functional and cooperative stabilization of a two-metal (Ca, Zn) center in α -amylase derived from <i>Flavobacteriaceae</i> species. <i>Scientific Reports</i> , 2017, 7, 17933.	1.6	16
114	Coexistence of two <i>d</i> -lactate-utilizing systems in <i>Pseudomonas putida</i> KT2440. <i>Environmental Microbiology Reports</i> , 2016, 8, 699-707.	1.0	8
115	Carbon Flux Trapping: Highly Efficient Production of Polymer-Grade <i>d</i> -Lactic Acid with a Thermophilic <i>d</i> -Lactate Dehydrogenase. <i>ChemBioChem</i> , 2016, 17, 1491-1494.	1.3	20
116	Efficient production of propionic acid through high density culture with recycling cells of <i>Propionibacterium acidipropionici</i> . <i>Bioresource Technology</i> , 2016, 216, 856-861.	4.8	23
117	Co-utilization of glycerol and lignocellulosic hydrolysates enhances anaerobic 1,3-propanediol production by <i>Clostridium diolis</i> . <i>Scientific Reports</i> , 2016, 6, 19044.	1.6	57
118	Sequence similarity network analysis, crystallization, and X-ray crystallographic analysis of the lactate metabolism regulator LldR from <i>Pseudomonas aeruginosa</i> . <i>Bioresources and Bioprocessing</i> , 2016, 3, .	2.0	0
119	Contracted but effective: production of enantiopure 2,3-butanediol by thermophilic and GRAS <i>Bacillus licheniformis</i> . <i>Green Chemistry</i> , 2016, 18, 4693-4703.	4.6	66
120	A photoautotrophic platform for the sustainable production of valuable plant natural products from CO ₂ . <i>Green Chemistry</i> , 2016, 18, 3537-3548.	4.6	26
121	Stretching-induced ion complexation in physical polyampholyte hydrogels. <i>Soft Matter</i> , 2016, 12, 8833-8840.	1.2	47
122	Complete Genome Sequence of <i>Sphingomonas</i> sp. Strain NIC1, an Efficient Nicotine-Degrading Bacterium. <i>Genome Announcements</i> , 2016, 4, .	0.8	4
123	Alkaline Response of a Halotolerant Alkaliphilic <i>Halomonas</i> Strain and Functional Diversity of Its Na ⁺ (K ⁺)/H ⁺ Antiporters. <i>Journal of Biological Chemistry</i> , 2016, 291, 26056-26065.	1.6	41
124	Enzymatic Resolution by a <i>d</i> -Lactate Oxidase Catalyzed Reaction for (<i>S</i>)-2-Hydroxycarboxylic Acids. <i>ChemCatChem</i> , 2016, 8, 2630-2633.	1.8	13
125	Overexpression of transport proteins improves the production of 5-aminovalerate from L-lysine in <i>Escherichia coli</i> . <i>Scientific Reports</i> , 2016, 6, 30884.	1.6	24
126	Amperometric inhibitive biosensor based on horseradish peroxidase-nanoporous gold for sulfide determination. <i>Scientific Reports</i> , 2016, 6, 30905.	1.6	14

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127	Expression and functional analysis of two NhaD type antiporters from the halotolerant and alkaliphilic <i>Halomonas</i> sp. Y2. <i>Extremophiles</i> , 2016, 20, 631-639.	0.9	14
128	Selective determination of phenols and aromatic amines based on horseradish peroxidase-nanoporous gold co-catalytic strategy. <i>Biosensors and Bioelectronics</i> , 2016, 79, 843-849.	5.3	56
129	Complete genome of <i>Marteella</i> sp. AD-3, a moderately halophilic polycyclic aromatic hydrocarbons-degrading bacterium. <i>Journal of Biotechnology</i> , 2016, 225, 29-30.	1.9	8
130	Biotechnological production of acetoin, a bio-based platform chemical, from a lignocellulosic resource by metabolically engineered <i>Enterobacter cloacae</i> . <i>Green Chemistry</i> , 2016, 18, 1560-1570.	4.6	45
131	Characterization of Pseudooxynicotine Amine Oxidase of <i>Pseudomonas putida</i> S16 that Is Crucial for Nicotine Degradation. <i>Scientific Reports</i> , 2015, 5, 17770.	1.6	16
132	Sustainable production of valuable compound 3-succinoyl-pyridine by genetically engineering <i>Pseudomonas putida</i> using the tobacco waste. <i>Scientific Reports</i> , 2015, 5, 16411.	1.6	23
133	Comparative genome analysis reveals the molecular basis of nicotine degradation and survival capacities of <i>Arthrobacter</i> . <i>Scientific Reports</i> , 2015, 5, 8642.	1.6	44
134	Mimicking a natural pathway for de novo biosynthesis: natural vanillin production from accessible carbon sources. <i>Scientific Reports</i> , 2015, 5, 13670.	1.6	74
135	Functional Identification of a Novel Gene, <i>moaE</i> , for 3-Succinoylpyridine Degradation in <i>Pseudomonas putida</i> S16. <i>Scientific Reports</i> , 2015, 5, 13464.	1.6	5
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