

Cheng-Ying Jiang

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,838
citations

279798

23
h-index

276875

41
g-index

44
all docs

44
docs citations

44
times ranked

1723
citing authors

#	ARTICLE	IF	CITATIONS
1	Enlightening the taxonomy darkness of human gut microbiomes with a cultured biobank. <i>Microbiome</i> , 2021, 9, 119.	11.1	479
2	High-Throughput Single-Cell Cultivation on Microfluidic Streak Plates. <i>Applied and Environmental Microbiology</i> , 2016, 82, 2210-2218.	3.1	136
3	Diversity, Distribution and Co-occurrence Patterns of Bacterial Communities in a Karst Cave System. <i>Frontiers in Microbiology</i> , 2019, 10, 1726.	3.5	80
4	Ribosome binding site libraries and pathway modules for shikimic acid synthesis with <i>Corynebacterium glutamicum</i> . <i>Microbial Cell Factories</i> , 2015, 14, 71.	4.0	78
5	<i>Alicyclobacillus ferrooxydans</i> sp. nov., a ferrous-oxidizing bacterium from solfataric soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 2898-2903.	1.7	75
6	<i>Roseomonas lacus</i> sp. nov., isolated from freshwater lake sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 25-28.	1.7	69
7	Genome-wide investigation of aromatic acid transporters in <i>Corynebacterium glutamicum</i> . <i>Microbiology (United Kingdom)</i> , 2007, 153, 857-865.	1.8	63
8	The Mouse Gut Microbial Biobank expands the coverage of cultured bacteria. <i>Nature Communications</i> , 2020, 11, 79.	12.8	55
9	<i>Flavobacterium saliperosum</i> sp. nov., isolated from freshwater lake sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 439-442.	1.7	54
10	Thiosulfate Transfer Mediated by DsrE/TusA Homologs from Acidothermophilic Sulfur-oxidizing Archaeon <i>Metallosphaera cuprina</i> . <i>Journal of Biological Chemistry</i> , 2014, 289, 26949-26959.	3.4	53
11	<i>Metallosphaera cuprina</i> sp. nov., an acidothermophilic, metal-mobilizing archaeon. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 2395-2400.	1.7	50
12	Cross Talk between Chemosensory Pathways That Modulate Chemotaxis and Biofilm Formation. <i>MBio</i> , 2019, 10, .	4.1	49
13	<i>Paracoccus sulfuroxidans</i> sp. nov., a sulfur oxidizer from activated sludge. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 2693-2695.	1.7	44
14	Reconstruction of metabolic networks in a fluoranthene-degrading enrichments from polycyclic aromatic hydrocarbon polluted soil. <i>Journal of Hazardous Materials</i> , 2016, 318, 90-98.	12.4	44
15	<i>Micrococcus flavus</i> sp. nov., isolated from activated sludge in a bioreactor. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 66-69.	1.7	38
16	Direct sensing and signal transduction during bacterial chemotaxis toward aromatic compounds in <i>Comamonas testosteroni</i> . <i>Molecular Microbiology</i> , 2016, 101, 224-237.	2.5	34
17	<i>Alkaliphilus flagellatus</i> sp. nov., <i>Butyrivicoccus intestinisiimiae</i> sp. nov., <i>Clostridium mobile</i> sp. nov., <i>Clostridium simiarum</i> sp. nov., <i>Dysosmobacter acutus</i> sp. nov., <i>Paenibacillus brevis</i> sp. nov., <i>Peptoniphilus ovalis</i> sp. nov. and <i>Tissierella simiarum</i> sp. nov., isolated from monkey faeces. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2022, 72, .	1.7	34
18	Resolution of carbon metabolism and sulfur-oxidation pathways of <i>Metallosphaera cuprina</i> Ar-4 via comparative proteomics. <i>Journal of Proteomics</i> , 2014, 109, 276-289.	2.4	30

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19	Responses of soil microbiome to steel corrosion. <i>Npj Biofilms and Microbiomes</i> , 2021, 7, 6.	6.4	28
20	<i>Parapedobacter pyrenivorans</i> sp. nov., isolated from a pyrene-degrading microbial enrichment, and emended description of the genus <i>Parapedobacter</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 3994-3999.	1.7	27
21	Benzoate Metabolism Intermediate Benzoyl Coenzyme A Affects Gentisate Pathway Regulation in <i>Comamonas testosteroni</i> . <i>Applied and Environmental Microbiology</i> , 2014, 80, 4051-4062.	3.1	27
22	A novel chemoreceptor MCP2983 from <i>Comamonas testosteroni</i> specifically binds to cis-aconitate and triggers chemotaxis towards diverse organic compounds. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 2773-2781.	3.6	25
23	<i>Metallosphaera tengchongensis</i> sp. nov., an acidothermophilic archaeon isolated from a hot spring. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 537-542.	1.7	19
24	<i>Thauera hydrothermalis</i> sp. nov., a thermophilic bacterium isolated from hot spring. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 3163-3168.	1.7	17
25	<i>Vallitalea okinawensis</i> sp. nov., isolated from Okinawa Trough sediment and emended description of the genus <i>Vallitalea</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 404-410.	1.7	17
26	Genetic characterization of 4-cresol catabolism in <i>Corynebacterium glutamicum</i> . <i>Journal of Biotechnology</i> , 2014, 192, 355-365.	3.8	15
27	<i>Alicyclobacillus fodiniaquatis</i> sp. nov., isolated from acid mine water. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 4915-4920.	1.7	15
28	Construction and application of an expression vector from the new plasmid pLAtc1 of <i>Acidithiobacillus caldus</i> . <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 4083-4094.	3.6	14
29	The ligand-binding domain of a chemoreceptor from <i>Comamonas testosteroni</i> has a previously unknown homotrimeric structure. <i>Molecular Microbiology</i> , 2019, 112, 906-917.	2.5	13
30	<i>Cohnella faecalis</i> sp. nov., isolated from animal faeces in a karst cave. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 572-577.	1.7	13
31	Bacteria and Metabolic Potential in Karst Caves Revealed by Intensive Bacterial Cultivation and Genome Assembly. <i>Applied and Environmental Microbiology</i> , 2021, 87, .	3.1	12
32	<i>Niabella beijingensis</i> sp. nov. and <i>Thermomonas beijingensis</i> sp. nov., two bacteria from constructed wetland. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2022, 72, .	1.7	12
33	Key Factors Governing Microbial Community in Extremely Acidic Mine Drainage (pH <3). <i>Frontiers in Microbiology</i> , 2021, 12, 761579.	3.5	12
34	<i>Crenobacter cavernae</i> sp. nov., isolated from a karst cave, and emended description of the genus <i>Crenobacter</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 476-480.	1.7	11
35	Submerged macrophytes recruit unique microbial communities and drive functional zonation in an aquatic system. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 7517-7528.	3.6	9
36	<i>Alicyclobacillus curvatus</i> sp. nov. and <i>Alicyclobacillus mengziensis</i> sp. nov., two acidophilic bacteria isolated from acid mine drainage. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2022, 72, .	1.7	9

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37	Comparative Genomic Analysis Reveals the Metabolism and Evolution of the Thermophilic Archaeal Genus Metallosphaera. <i>Frontiers in Microbiology</i> , 2020, 11, 1192.	3.5	8
38	Unraveling the kinetic diversity of microbial 3-dehydroquinate dehydratases of shikimate pathway. <i>AMB Express</i> , 2015, 5, 7.	3.0	5
39	PapA , a peptidoglycan-associated protein, interacts with OmpC and maintains cell envelope integrity. <i>Environmental Microbiology</i> , 2021, 23, 600-612.	3.8	5
40	Physiology, Taxonomy, and Sulfur Metabolism of the Sulfolobales, an Order of Thermoacidophilic Archaea. <i>Frontiers in Microbiology</i> , 2021, 12, 768283.	3.5	4