

# En-Min Zhou

## List of Publications by Year in descending order

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45  
papers

1,014  
citations

471371

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477173

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docs citations

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times ranked

840  
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#	ARTICLE	IF	CITATIONS
1	<i>Thermus brevis</i> sp. nov., a moderately thermophilic bacterium isolated from a hot spring microbial mat. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2022, 72, .	0.8	7
2	<i>Caldalkalibacillus salinus</i> sp. nov., isolated from a salt lake in Xinjiang, northwest China. <i>Archives of Microbiology</i> , 2022, 204, 179.	1.0	0
3	Incomplete denitrification phenotypes in diverse <i>Thermus</i> species from diverse geothermal spring sediments and adjacent soils in southwest China. <i>Extremophiles</i> , 2022, 26, .	0.9	4
4	Insight into the function and evolution of the Woodâ€Ljungdahl pathway in <i>Actinobacteria</i> . <i>ISME Journal</i> , 2021, 15, 3005-3018.	4.4	55
5	<i>Glycomyces salinus</i> sp. nov., an actinomycete isolated from a hypersaline habitat. <i>Archives of Microbiology</i> , 2021, 203, 5249-5255.	1.0	7
6	Microbial dark matter coming to light: challenges and opportunities. <i>National Science Review</i> , 2021, 8, nwaa280.	4.6	86
7	Diverse respiratory capacity among <i>Thermus</i> strains from US Great Basin hot springs. <i>Extremophiles</i> , 2020, 24, 71-80.	0.9	13
8	Distinct Expression of the Two NO-Forming Nitrite Reductases in <i>Thermus antranikianii</i> DSM 12462T Improved Environmental Adaptability. <i>Microbial Ecology</i> , 2020, 80, 614-626.	1.4	5
9	Network-directed efficient isolation of previously uncultivated <i>Chloroflexi</i> and related bacteria in hot spring microbial mats. <i>Npj Biofilms and Microbiomes</i> , 2020, 6, 20.	2.9	27
10	<i>Thermus caldilimi</i> sp. nov., a thermophilic bacterium isolated from a geothermal area. <i>Antonie Van Leeuwenhoek</i> , 2019, 112, 1767-1774.	0.7	9
11	Expression and characterisation of a pH and salt tolerant, thermostable and xylose tolerant recombinant GH43 Î²-xylosidase from <i>Thermobifida halotolerans</i> YIM 90462T for promoting hemicellulose degradation. <i>Antonie Van Leeuwenhoek</i> , 2019, 112, 339-350.	0.7	10
12	<i>Aquabacterium tepidiphilum</i> sp. nov., a moderately thermophilic bacterium isolated from a hot spring. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 337-342.	0.8	16
13	<i>Novosphingobium meiothermophilum</i> sp. nov., isolated from a hot spring. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 1737-1743.	0.8	15
14	<i>Thermus sediminis</i> sp. nov., a thiosulfate-oxidizing and arsenate-reducing organism isolated from Little Hot Creek in the Long Valley Caldera, California. <i>Extremophiles</i> , 2018, 22, 983-991.	0.9	20
15	Physiological and genomic properties of <i>Thermus tenuipuniceus</i> sp. nov., a novel slight reddish color member isolated from a terrestrial geothermal spring. <i>Systematic and Applied Microbiology</i> , 2018, 41, 611-618.	1.2	12
16	Genomic inference of the metabolism and evolution of the archaeal phylum Aigarchaeota. <i>Nature Communications</i> , 2018, 9, 2832.	5.8	108
17	Characterization of a neutral recombinant xylanase from <i>Thermoactinospira rubra</i> YIM 77501T. <i>Antonie Van Leeuwenhoek</i> , 2017, 110, 429-436.	0.7	8
18	<i>Tibeticola sediminis</i> gen. nov., sp. nov., a thermophilic bacterium isolated from a hot spring. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 1133-1139.	0.8	11

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19	<i>Thermus caldifontis</i> sp. nov., a thermophilic bacterium isolated from a hot spring. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 2868-2872.	0.8	15
20	<i>Meiothermus luteus</i> sp. nov., a slightly thermophilic bacterium isolated from a hot spring. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 2910-2914.	0.8	16
21	<i>Laceyella thermophila</i> sp. nov., a thermophilic bacterium isolated from a hot spring. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 2953-2958.	0.8	8
22	<i>Rhabdanaerobium thermarum</i> gen. nov., sp. nov., a novel anaerobic bacterium isolated from a hot spring. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 4584-4588.	0.8	10
23	<i>Caldovatus sediminis</i> gen. nov., sp. nov., a moderately thermophilic bacterium isolated from a hot spring. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 4716-4721.	0.8	14
24	Diversity of Culturable Thermophilic Actinobacteria in Hot Springs in Tengchong, China and Studies of their Biosynthetic Gene Profiles. Microbial Ecology, 2016, 72, 150-162.	1.4	55
25	High-Quality Draft Genomes from <i>Thermus caliditerrae</i> YIM 77777 and <i>T. Âtengchongensis</i> YIM 77401, Isolates from Tengchong, China. Genome Announcements, 2016, 4, .	0.8	5
26	Algicidal Activity of <i>Streptomyces eurocidicus</i> JXJ-0089 Metabolites and Their Effects on <i>Microcystis</i> Physiology. Applied and Environmental Microbiology, 2016, 82, 5132-5143.	1.4	44
27	High-quality draft genome sequence of the <i>Thermus amyloliquefaciens</i> type strain YIM 77409T with an incomplete denitrification pathway. Standards in Genomic Sciences, 2016, 11, 20.	1.5	7
28	<i>Brevibacillus sediminis</i> sp. nov., isolated from a hot spring. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 548-553.	0.8	10
29	<i>Crenalkalicoccus roseus</i> gen. nov., sp. nov., a thermophilic bacterium isolated from alkaline hot springs. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 2319-2326.	0.8	16
30	<i>Mesorhizobium sediminum</i> sp. nov., isolated from deep-sea sediment. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 4797-4802.	0.8	21
31	<i>Crenobacter luteus</i> gen. nov., sp. nov., isolated from a hot spring. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 214-219.	0.8	19
32	<i>Cecembia rubra</i> sp. nov., a thermophilic bacterium isolated from a hot spring sediment. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 2118-2123.	0.8	11
33	<i>Thermus amyloliquefaciens</i> sp. nov., isolated from a hot spring sediment sample. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 2491-2495.	0.8	22
34	<i>Nocardioides nanhaiensis</i> sp. nov., an actinobacterium isolated from a marine sediment sample. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 2718-2722.	0.8	20
35	<i>Meiothermus terrae</i> sp. nov., isolated from a geothermally heated soil sample. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 794-798.	0.8	9
36	<i>Thermus caliditerrae</i> sp. nov., a novel thermophilic species isolated from a geothermal area. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 650-656.	0.8	54

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37	<i>Geothermomicrobium terrae</i> gen. nov., sp. nov., a novel member of the family Thermoactinomycetaceae. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 2998-3004.	0.8	20
38	<i>Pontibacter diazotrophicus</i> sp. nov., a Novel Nitrogen-Fixing Bacterium of the Family Cytophagaceae. PLoS ONE, 2014, 9, e92294.	1.1	55
39	Purification and properties of a SDS-resistant xylanase from halophilic <i>Streptomonospora</i> sp. YIM 90494. Cellulose, 2013, 20, 1947-1955.	2.4	10
40	<i>Rehabacterium terrae</i> gen. nov., sp. nov. isolated from a geothermally heated soil sample. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 4058-4063.	0.8	13
41	<i>Micromonospora kangleipakensis</i> sp. nov., isolated from a sample of limestone quarry. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 4546-4551.	0.8	23
42	<i>Amycolatopsis dongchuanensis</i> sp. nov., an actinobacterium isolated from soil. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 2650-2656.	0.8	74
43	<i>Thermocatellispora tengchongensis</i> gen. nov., sp. nov., a new member of the family Streptosporangiaceae. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 2417-2423.	0.8	19
44	<i>Thermoactinospora rubra</i> gen. nov., sp. nov., a thermophilic actinomycete isolated from Tengchong, Yunnan province, south-west China. Antonie Van Leeuwenhoek, 2012, 102, 177-185.	0.7	28
45	Comparative genomic analysis of <i>Thermus</i> provides insights into the evolutionary history of an incomplete denitrification pathway. , 0, , .		3