

En-Min Zhou

List of Publications by Year in descending order

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45
papers

1,014
citations

471371

17
h-index

477173

29
g-index

45
all docs

45
docs citations

45
times ranked

840
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Genomic inference of the metabolism and evolution of the archaeal phylum Aigarchaeota. <i>Nature Communications</i> , 2018, 9, 2832. | 5.8 | 108 |
| 2 | Microbial dark matter coming to light: challenges and opportunities. <i>National Science Review</i> , 2021, 8, nwaa280. | 4.6 | 86 |
| 3 | <i>Amycolatopsis dongchuanensis</i> sp. nov., an actinobacterium isolated from soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 2650-2656. | 0.8 | 74 |
| 4 | Diversity of Culturable Thermophilic Actinobacteria in Hot Springs in Tengchong, China and Studies of their Biosynthetic Gene Profiles. <i>Microbial Ecology</i> , 2016, 72, 150-162. | 1.4 | 55 |
| 5 | 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 |
| 6 | <i>Pontibacter diazotrophicus</i> sp. nov., a Novel Nitrogen-Fixing Bacterium of the Family Cytophagaceae. <i>PLoS ONE</i> , 2014, 9, e92294. | 1.1 | 55 |
| 7 | <i>Thermus caliditerrae</i> sp. nov., a novel thermophilic species isolated from a geothermal area. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 650-656. | 0.8 | 54 |
| 8 | Algicidal Activity of <i>Streptomyces eurocidicus</i> JXJ-0089 Metabolites and Their Effects on <i>Microcystis</i> Physiology. <i>Applied and Environmental Microbiology</i> , 2016, 82, 5132-5143. | 1.4 | 44 |
| 9 | <i>Thermoactinospira rubra</i> gen. nov., sp. nov., a thermophilic actinomycete isolated from Tengchong, Yunnan province, southâ€“west China. <i>Antonie Van Leeuwenhoek</i> , 2012, 102, 177-185. | 0.7 | 28 |
| 10 | Network-directed efficient isolation of previously uncultivated Chloroflexi and related bacteria in hot spring microbial mats. <i>Npj Biofilms and Microbiomes</i> , 2020, 6, 20. | 2.9 | 27 |
| 11 | <i>Micromonospora kangleipakensis</i> sp. nov., isolated from a sample of limestone quarry. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 4546-4551. | 0.8 | 23 |
| 12 | <i>Thermus amyloliquefaciens</i> sp. nov., isolated from a hot spring sediment sample. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 2491-2495. | 0.8 | 22 |
| 13 | <i>Mesorhizobium sediminum</i> sp. nov., isolated from deep-sea sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 4797-4802. | 0.8 | 21 |
| 14 | <i>Nocardioides nanhaiensis</i> sp. nov., an actinobacterium isolated from a marine sediment sample. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 2718-2722. | 0.8 | 20 |
| 15 | <i>Geothermomicrobium terrae</i> gen. nov., sp. nov., a novel member of the family Thermoactinomycetaceae. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 2998-3004. | 0.8 | 20 |
| 16 | <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 |
| 17 | <i>Thermocatellispora tengchongensis</i> gen. nov., sp. nov., a new member of the family Streptosporangiaceae. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 2417-2423. | 0.8 | 19 |
| 18 | <i>Crenobacter luteus</i> gen. nov., sp. nov., isolated from a hot spring. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 214-219. | 0.8 | 19 |

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|----|---|-----|-----------|
| 19 | <i>Crenalkalicoccus roseus</i> gen. nov., sp. nov., a thermophilic bacterium isolated from alkaline hot springs. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 2319-2326. | 0.8 | 16 |
| 20 | <i>Meiothermus luteus</i> sp. nov., a slightly thermophilic bacterium isolated from a hot spring. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 2910-2914. | 0.8 | 16 |
| 21 | <i>Aquabacterium tepidophilum</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 |
| 22 | <i>Thermus caldifontis</i> sp. nov., a thermophilic bacterium isolated from a hot spring. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 2868-2872. | 0.8 | 15 |
| 23 | <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 |
| 24 | <i>Caldovatus sediminis</i> gen. nov., sp. nov., a moderately thermophilic bacterium isolated from a hot spring. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 4716-4721. | 0.8 | 14 |
| 25 | <i>Rehabacterium terrae</i> gen. nov., sp. nov. isolated from a geothermally heated soil sample. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 4058-4063. | 0.8 | 13 |
| 26 | Diverse respiratory capacity among <i>Thermus</i> strains from US Great Basin hot springs. <i>Extremophiles</i> , 2020, 24, 71-80. | 0.9 | 13 |
| 27 | Physiological and genomic properties of <i>Thermus tenuipunicus</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 |
| 28 | <i>Cecembia rubra</i> sp. nov., a thermophilic bacterium isolated from a hot spring sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 2118-2123. | 0.8 | 11 |
| 29 | <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 |
| 30 | Purification and properties of a SDS-resistant xylanase from halophilic <i>Streptomonospora</i> sp. YIM 90494. <i>Cellulose</i> , 2013, 20, 1947-1955. | 2.4 | 10 |
| 31 | Expression and characterisation of a pH and salt tolerant, thermostable and xylose tolerant recombinant GH43 β -xylosidase from <i>Thermobifida halotolerans</i> YIM 90462T for promoting hemicellulose degradation. <i>Antonie Van Leeuwenhoek</i> , 2019, 112, 339-350. | 0.7 | 10 |
| 32 | <i>Brevibacillus sediminis</i> sp. nov., isolated from a hot spring. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 548-553. | 0.8 | 10 |
| 33 | <i>Rhabdanaerobium thermarum</i> gen. nov., sp. nov., a novel anaerobic bacterium isolated from a hot spring. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 4584-4588. | 0.8 | 10 |
| 34 | <i>Meiothermus terrae</i> sp. nov., isolated from a geothermally heated soil sample. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 794-798. | 0.8 | 9 |
| 35 | <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 |
| 36 | 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 |

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|----|---|-----|-----------|
| 37 | Laceyella thermophila sp. nov., a thermophilic bacterium isolated from a hot spring. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 2953-2958. | 0.8 | 8 |
| 38 | High-quality draft genome sequence of the Thermus amyloliquefaciens type strain YIM 77409T with an incomplete denitrification pathway. Standards in Genomic Sciences, 2016, 11, 20. | 1.5 | 7 |
| 39 | Glycomyces salinus sp. nov., an actinomycete isolated from a hypersaline habitat. Archives of Microbiology, 2021, 203, 5249-5255. | 1.0 | 7 |
| 40 | Thermus brevis sp. nov., a moderately thermophilic bacterium isolated from a hot spring microbial mat. International Journal of Systematic and Evolutionary Microbiology, 2022, 72, . | 0.8 | 7 |
| 41 | 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 |
| 42 | Distinct Expression of the Two NO-Forming Nitrite Reductases in Thermus antranikianii DSM 12462T Improved Environmental Adaptability. Microbial Ecology, 2020, 80, 614-626. | 1.4 | 5 |
| 43 | Incomplete denitrification phenotypes in diverse Thermus species from diverse geothermal spring sediments and adjacent soils in southwest China. Extremophiles, 2022, 26, . | 0.9 | 4 |
| 44 | Comparative genomic analysis of <i>Thermus</i> provides insights into the evolutionary history of an incomplete denitrification pathway. , 0, , . | | 3 |
| 45 | Caldalkalibacillus salinus sp. nov., isolated from a salt lake in Xinjiang, northwest China. Archives of Microbiology, 2022, 204, 179. | 1.0 | 0 |