

Ming-Rong Deng

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Comparative Genomics Reveals Genetic Diversity and Metabolic Potentials of the Genus <i>Qipengyuania</i> and Suggests Fifteen Novel Species. <i>Microbiology Spectrum</i> , 2022, 10, e0126421.	3.0	55
2	<i>Streptomyces vietnamensis</i> sp. nov., a streptomycete with violet-blue diffusible pigment isolated from soil in Vietnam. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 1770-1774.	1.7	34
3	Comparative genomic analysis of the genus <i>Novosphingobium</i> and the description of two novel species <i>Novosphingobium aerophilum</i> sp. nov. and <i>Novosphingobium jiangmenense</i> sp. nov. <i>Systematic and Applied Microbiology</i> , 2021, 44, 126202.	2.8	31
4	Description of a Gram-negative bacterium, <i>Sphingomonas guangdongensis</i> sp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 1697-1702.	1.7	26
5	Cryptic and Stereospecific Hydroxylation, Oxidation, and Reduction in Platensimycin and Platencin Biosynthesis. <i>Journal of the American Chemical Society</i> , 2019, 141, 4043-4050.	13.7	25
6	<i>Sphingomonas gimensis</i> sp. nov., a novel Gram-negative bacterium isolated from abandoned lead-zinc ore mine. <i>Antonie Van Leeuwenhoek</i> , 2014, 105, 1091-1097.	1.7	23
7	Characterization and Crystal Structure of a Nonheme Diiron Monooxygenase Involved in Platensimycin and Platencin Biosynthesis. <i>Journal of the American Chemical Society</i> , 2019, 141, 12406-12412.	13.7	23
8	A myxobacterial LPMO10 has oxidizing cellulose activity for promoting biomass enzymatic saccharification of agricultural crop straws. <i>Bioresource Technology</i> , 2020, 318, 124217.	9.6	21
9	Discovery of the Tiansilactone Antibiotics by Genome Mining of Atypical Bacterial Type-II Diterpene Synthases. <i>ChemBioChem</i> , 2018, 19, 1727-1733.	2.6	18
10	Granaticins and their biosynthetic gene cluster from <i>Streptomyces vietnamensis</i> : evidence of horizontal gene transfer. <i>Antonie Van Leeuwenhoek</i> , 2011, 100, 607-617.	1.7	17
11	<i>Streptomyces caeruleatus</i> sp. nov., with dark blue diffusible pigment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 507-511.	1.7	16
12	<i>Roseibium litorale</i> sp. nov., isolated from a tidal flat sediment and proposal for the reclassification of <i>Labrenzia polysiphoniae</i> as <i>Roseibium polysiphoniae</i> comb. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	1.7	15
13	<i>Salipiger mangrovisoli</i> sp. nov., isolated from mangrove soil and the proposal for the reclassification of <i>Paraphaeobacter pallidus</i> as <i>Salipiger pallidus</i> comb. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	1.7	15
14	<i>Acinetobacter guangdongensis</i> sp. nov., isolated from abandoned lead-zinc ore. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 3417-3421.	1.7	14
15	Engineering a Balanced Acetyl Coenzyme A Metabolism in <i>Saccharomyces cerevisiae</i> for Lycopene Production through Rational and Evolutionary Engineering. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 4019-4029.	5.2	14
16	<i>Streptomyces vietnamensis</i> GIMV4.0001: a granaticin-producing strain that can be readily genetically manipulated. <i>Journal of Antibiotics</i> , 2011, 64, 345-347.	2.0	12
17	<i>Inhella proteolytica</i> sp. nov. and <i>Inhella gelatinilytica</i> sp. nov., two novel species of the genus <i>Inhella</i> isolated from aquaculture water. <i>Archives of Microbiology</i> , 2021, 203, 3191-3200.	2.2	12
18	<i>Qipengyuania soli</i> sp. nov., Isolated from Mangrove Soil. <i>Current Microbiology</i> , 2021, 78, 2806-2814.	2.2	11

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19	<i>Croceicoccus gelatinilyticus</i> sp. nov., isolated from a tidal flat sediment. <i>Archives of Microbiology</i> , 2022, 204, 93.	2.2	10
20	Transcriptome Analysis Reveals a Promotion of Carotenoid Production by Copper Ions in Recombinant <i>Saccharomyces cerevisiae</i> . <i>Microorganisms</i> , 2021, 9, 233.	3.6	9
21	Discovery of Mycothiogramin from <i>Streptomyces vietnamensis</i> GIMV4.0001 and the Regulatory Effect of Mycothiol on the Granaticin Biosynthesis. <i>Frontiers in Chemistry</i> , 2021, 9, 802279.	3.6	9
22	Phylogenomic Analysis Substantiates the <i>gyrB</i> Gene as a Powerful Molecular Marker to Efficiently Differentiate the Most Closely Related Genera <i>Myxococcus</i> , <i>Coralloccoccus</i> , and <i>Pyxidicoccus</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 763359.	3.5	8
23	Complete genome sequence of <i>Streptomyces vietnamensis</i> GIMV4.0001 T, a genetically manipulable producer of the benzoisochromanequinone antibiotic granaticin. <i>Journal of Biotechnology</i> , 2015, 200, 6-7.	3.8	7
24	An aberrant metabolic flow toward early shunt products in the granaticin biosynthetic machinery of <i>Streptomyces vietnamensis</i> GIMV4.0001. <i>Journal of Antibiotics</i> , 2020, 73, 260-264.	2.0	7
25	Detection of a novel bacterium associated with spores of the arbuscular mycorrhizal fungus <i>Gigaspora margarita</i> . <i>Canadian Journal of Microbiology</i> , 2009, 55, 771-775.	1.7	6
26	Identification of a novel metabolic engineering target for carotenoid production in <i>Saccharomyces cerevisiae</i> via ethanol-induced adaptive laboratory evolution. <i>Bioresources and Bioprocessing</i> , 2021, 8, .	4.2	6
27	<i>Chitinilyticum piscinae</i> sp. nov., isolated from aquaculture water. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	1.7	6
28	<i>Flavobacterium proteolyticum</i> sp. nov., isolated from aquaculture water. <i>Archives of Microbiology</i> , 2022, 204, 146.	2.2	4
29	Upstream Activation Sequence Can Function as an Insulator for Chromosomal Regulation of Heterologous Pathways Against Position Effects in <i>Saccharomyces cerevisiae</i> . <i>Applied Biochemistry and Biotechnology</i> , 2022, , 1.	2.9	1