

Ren-Mao Tian

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,532
citations

331538

21
h-index

434063

31
g-index

32
all docs

32
docs citations

32
times ranked

2041
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodegradation of Polyethylene and Plastic Mixtures in Mealworms (Larvae of <i>Tenebrio</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 6526-6533.	4.6	316
2	Small and mighty: adaptation of superphylum Patescibacteria to groundwater environment drives their genome simplicity. <i>Microbiome</i> , 2020, 8, 51.	4.9	205
3	The occurrence of potato common scab correlates with the community composition and function of the geocaulosphere soil microbiome. <i>Microbiome</i> , 2019, 7, 14.	4.9	149
4	Genomic analysis reveals versatile heterotrophic capacity of a potentially symbiotic sulfur-oxidizing bacterium in sponge. <i>Environmental Microbiology</i> , 2014, 16, 3548-3561.	1.8	76
5	Temperature shapes coral-algal symbiosis in the South China Sea. <i>Scientific Reports</i> , 2017, 7, 40118.	1.6	76
6	Molecular adaptation in the world's deepest living animal: Insights from transcriptome sequencing of the hadal amphipod <i>Hirondellea gigas</i> . <i>Molecular Ecology</i> , 2017, 26, 3732-3743.	2.0	69
7	In situ environment rather than substrate type dictates microbial community structure of biofilms in a cold seep system. <i>Scientific Reports</i> , 2014, 4, 3587.	1.6	49
8	De novo transcriptome assembly and positive selection analysis of an individual deep-sea fish. <i>BMC Genomics</i> , 2018, 19, 394.	1.2	49
9	Extracellular matrix-associated proteins form an integral and dynamic system during <i>Pseudomonas aeruginosa</i> biofilm development. <i>Frontiers in Cellular and Infection Microbiology</i> , 2015, 5, 40.	1.8	48
10	Winter warming in Alaska accelerates lignin decomposition contributed by Proteobacteria. <i>Microbiome</i> , 2020, 8, 84.	4.9	47
11	The spatial scale dependence of diazotrophic and bacterial community assembly in paddy soil. <i>Global Ecology and Biogeography</i> , 2019, 28, 1093-1105.	2.7	42
12	<i>Pseudovibrio hongkongensis</i> sp. nov., isolated from a marine flatworm. <i>Antonie Van Leeuwenhoek</i> , 2015, 108, 127-132.	0.7	35
13	Post-translational modifications are enriched within protein functional groups important to bacterial adaptation within a deep-sea hydrothermal vent environment. <i>Microbiome</i> , 2016, 4, 49.	4.9	35
14	Microbiome dynamics in early life stages of the scleractinian coral <i>Acropora gemmifera</i> in response to elevated pCO_2 . <i>Environmental Microbiology</i> , 2017, 19, 3342-3352.	1.8	33
15	Changes in microbial communities, photosynthesis and calcification of the coral <i>Acropora gemmifera</i> in response to ocean acidification. <i>Scientific Reports</i> , 2016, 6, 35971.	1.6	32
16	Adaptation of intertidal biofilm communities is driven by metal ion and oxidative stresses. <i>Scientific Reports</i> , 2013, 3, 3180.	1.6	31
17	Season structures prokaryotic partners but not algal symbionts in subtropical hard corals. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 4963-4973.	1.7	30
18	Genomic and Transcriptomic Evidence for Carbohydrate Consumption among Microorganisms in a Cold Seep Brine Pool. <i>Frontiers in Microbiology</i> , 2016, 7, 1825.	1.5	29

#	ARTICLE	IF	CITATIONS
19	Novel fusion protein protects against adherence and toxicity of enterohemorrhagic <i>Escherichia coli</i> O157:H7 in mice. <i>Vaccine</i> , 2011, 29, 6656-6663.	1.7	25
20	<i>Pseudovibrio stylochi</i> sp. nov., isolated from a marine flatworm. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 2025-2029.	0.8	25
21	Synchronized dynamics of bacterial niche-specific functions during biofilm development in a cold seep brine pool. <i>Environmental Microbiology</i> , 2015, 17, 4089-4104.	1.8	24
22	Genome Reduction in <i>Psychromonas</i> Species within the Gut of an Amphipod from the Ocean's Deepest Point. <i>MSystems</i> , 2018, 3, .	1.7	21
23	Microbial communities in different regions of the gastrointestinal tract in East Asian finless porpoises (<i>Neophocaena asiaeorientalis sunameri</i>). <i>Scientific Reports</i> , 2018, 8, 14142.	1.6	19
24	A High-Resolution LC-MS-Based Secondary Metabolite Fingerprint Database of Marine Bacteria. <i>Scientific Reports</i> , 2014, 4, 6537.	1.6	17
25	Biological and Chemical Diversity of Bacteria Associated with a Marine Flatworm. <i>Marine Drugs</i> , 2017, 15, 281.	2.2	17
26	The intestinal microbiome of an Indo-Pacific humpback dolphin (<i>Sousa chinensis</i>) stranded near the Pearl River Estuary, China. <i>Integrative Zoology</i> , 2021, 16, 287-299.	1.3	12
27	Adaptive Evolution of <i>Sphingobium hydrophobicum</i> C1T in Electronic Waste Contaminated River Sediment. <i>Frontiers in Microbiology</i> , 2019, 10, 2263.	1.5	7
28	Targeted assemblies of <i>cas1</i> suggest CRISPR-Cas response to soil warming. <i>ISME Journal</i> , 2020, 14, 1651-1662.	4.4	6
29	Conversion of marginal land into switchgrass conditionally accrues soil carbon but reduces methane consumption. <i>ISME Journal</i> , 2022, 16, 10-25.	4.4	4
30	Development of a fusion protein SNP as substrate for assaying multi-serotype botulinum neurotoxins. <i>Analytical Biochemistry</i> , 2014, 463, 75-81.	1.1	2
31	Changing composition of microbial communities indicates seepage fluid difference of the Thuwal Seeps in the Red Sea. <i>Antonie Van Leeuwenhoek</i> , 2015, 108, 461-471.	0.7	2