Zhirui Zeng

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2349430/publications.pdf

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11	588	1040056 9	1281871 11
papers	citations	h-index	g-index

13	13	13	872
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identification of a protein responsible for the synthesis of archaeal membrane-spanning GDGT lipids. Nature Communications, 2022, 13, 1545.	12.8	33
2	GDGT cyclization proteins identify the dominant archaeal sources of tetraether lipids in the ocean. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 22505-22511.	7.1	66
3	Electron Transfer Strategies Regulate Carbonate Mineral and Micropore Formation. Astrobiology, 2018, 18, 28-36.	3.0	3
4	Iron fertilization of primary productivity by volcanic ash in the Late Cretaceous (Cenomanian) Western Interior Seaway. Geology, 2018, 46, 859-862.	4.4	30
5	Calditol-linked membrane lipids are required for acid tolerance inSulfolobus acidocaldarius. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 12932-12937.	7.1	35
6	Promotion and nucleation of carbonate precipitation during microbial iron reduction. Geobiology, 2014, 12, 362-371.	2.4	30
7	A physiologically relevant approach to characterize the microbial response to colloidal particles in food matrices within a simulated gastrointestinal tract. Food and Chemical Toxicology, 2012, 50, 2971-2977.	3.6	5
8	Screening for novel quorum-sensing inhibitors to interfere with the formation of Pseudomonas aeruginosa biofilm. Journal of Medical Microbiology, 2011, 60, 1827-1834.	1.8	119
9	Characterization of a Deep-Sea Sediment Metagenomic Clone that Produces Water-Soluble Melanin in Escherichia coli. Marine Biotechnology, 2009, 11, 124-131.	2.4	17
10	Virtual screening for novel quorum sensing inhibitors to eradicate biofilm formation of Pseudomonas aeruginosa. Applied Microbiology and Biotechnology, 2008, 79, 119-126.	3.6	150
11	Trichoderma atroviride F6 improves phytoextraction efficiency of mustard (Brassica juncea (L.) Coss.) Tj ETQq1 1 0.784314 rgBT /Ove	8.2	95