

Zhirui Zeng

List of Publications by Year in descending order

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

Version: 2024-02-01

11
papers

588
citations

1040056

9
h-index

1281871

11
g-index

13
all docs

13
docs citations

13
times ranked

872
citing authors

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