

Jeffrey B Mcquaid

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3663065/publications.pdf>

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11
papers

1,498
citations

840776

11
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

2612
citing authors

#	ARTICLE	IF	CITATIONS
1	Designer diatom episomes delivered by bacterial conjugation. <i>Nature Communications</i> , 2015, 6, 6925.	12.8	249
2	Global biogeography of SAR11 marine bacteria. <i>Molecular Systems Biology</i> , 2012, 8, 595.	7.2	215
3	Exploring Nitrilase Sequence Space for Enantioselective Catalysis. <i>Applied and Environmental Microbiology</i> , 2004, 70, 2429-2436.	3.1	212
4	Phytoplankton-bacterial interactions mediate micronutrient colimitation at the coastal Antarctic sea ice edge. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 9938-9943.	7.1	202
5	A Metagenomic Framework for the Study of Airborne Microbial Communities. <i>PLoS ONE</i> , 2013, 8, e81862.	2.5	127
6	Quantification of Electron Transfer Rates to a Solid Phase Electron Acceptor through the Stages of Biofilm Formation from Single Cells to Multicellular Communities. <i>Environmental Science & Technology</i> , 2010, 44, 2721-2727.	10.0	122
7	Carbonate-sensitive phytoferritin controls high-affinity iron uptake in diatoms. <i>Nature</i> , 2018, 555, 534-537.	27.8	106
8	A Novel Protein, Ubiquitous in Marine Phytoplankton, Concentrates Iron at the Cell Surface and Facilitates Uptake. <i>Current Biology</i> , 2015, 25, 364-371.	3.9	90
9	Biogeographic partitioning of Southern Ocean microorganisms revealed by metagenomics. <i>Environmental Microbiology</i> , 2013, 15, 1318-1333.	3.8	82
10	Diatom centromeres suggest a mechanism for nuclear DNA acquisition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E6015-E6024.	7.1	62
11	Chemoenzymatic approaches to the dynamic kinetic asymmetric synthesis of aromatic amino acids. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 2793-2796.	1.8	31