

Kevin M Sutherland

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

250
citations

1039880

9
h-index

1058333

14
g-index

17
all docs

17
docs citations

17
times ranked

275
citing authors

#	ARTICLE	IF	CITATIONS
1	Dark biological superoxide production as a significant flux and sink of marine dissolved oxygen. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 3433-3439.	3.3	51
2	Extracellular superoxide production by key microbes in the global ocean. Limnology and Oceanography, 2019, 64, 2679-2693.	1.6	32
3	Oxygen isotope analysis of bacterial and fungal manganese oxidation. Geobiology, 2018, 16, 399-411.	1.1	27
4	Ebullition of oxygen from seagrasses under supersaturated conditions. Limnology and Oceanography, 2020, 65, 314-324.	1.6	27
5	Dynamic diel proteome and daytime nitrogenase activity supports buoyancy in the cyanobacterium <i>Trichodesmium</i> . Nature Microbiology, 2022, 7, 300-311.	5.9	21
6	Oxygen Isotopes (^{18}O) Trace Photochemical Hydrocarbon Oxidation at the Sea Surface. Geophysical Research Letters, 2019, 46, 6745-6754.	1.5	18
7	Spatial Heterogeneity in Particle-Associated, Light-Independent Superoxide Production Within Productive Coastal Waters. Journal of Geophysical Research: Oceans, 2020, 125, e2020JC016747.	1.0	14
8	Ferromanganese crusts as recorders of marine dissolved oxygen. Earth and Planetary Science Letters, 2020, 533, 116057.	1.8	13
9	An isotopic study of abiotic nitrite oxidation by ligand-bound manganese (III). Geochimica Et Cosmochimica Acta, 2021, 293, 365-378.	1.6	11
10	Inter-domain horizontal gene transfer of nickel-binding superoxide dismutase. Geobiology, 2021, 19, 450-459.	1.1	11
11	Mechanisms and heterogeneity of in situ mineral processing by the marine nitrogen fixer <i>Trichodesmium</i> revealed by single-colony metaproteomics. ISME Communications, 2021, 1, .	1.7	9
12	Spectroscopic Insights Into Ferromanganese Crust Formation and Diagenesis. Geochemistry, Geophysics, Geosystems, 2020, 21, e2020GC009074.	1.0	8
13	The redox fate of hydrogen peroxide in the marine water column. Limnology and Oceanography, 2021, 66, 3828-3841.	1.6	4
14	The influence of reactive oxygen species on α -respiration isotope effects. Geochimica Et Cosmochimica Acta, 2022, 324, 86-101.	1.6	2
15	The Abiotic Nitrite Oxidation by Ligand-Bound Manganese (III): The Chemical Mechanism. Aquatic Geochemistry, 2021, 27, 207.	1.5	1