

Albert S Colman

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

733
citations

840776

11
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

1179
citing authors

#	ARTICLE	IF	CITATIONS
1	Diversity and expression of nitrogen fixation genes in bacterial symbionts of marine sponges. <i>Environmental Microbiology</i> , 2008, 10, 2910-2921.	3.8	151
2	Marine phosphate oxygen isotopes and organic matter remineralization in the oceans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 13023-13028.	7.1	122
3	Pressure baseline correction and high-precision CO ₂ clumped isotope (δ^{47}) measurements in bellows and micro-volume modes. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 2837-2853.	1.5	110
4	"That which does not kill us only makes us stronger": the role of carbon monoxide in thermophilic microbial consortia. <i>Environmental Microbiology</i> , 2009, 11, 1027-1037.	3.8	84
5	Evidence for Horizontal Gene Transfer of Anaerobic Carbon Monoxide Dehydrogenases. <i>Frontiers in Microbiology</i> , 2012, 3, 132.	3.5	82
6	Phosphate oxygen isotope analysis on microsamples of bioapatite: removal of organic contamination and minimization of sample size. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 1807-1816.	1.5	36
7	Synchrotron imaging and Markov Chain Monte Carlo reveal tooth mineralization patterns. <i>PLoS ONE</i> , 2017, 12, e0186391.	2.5	36
8	Quantitative reconstruction of seasonality from stable isotopes in teeth. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 235, 483-504.	3.9	35
9	Sponge symbionts and the marine P cycle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 4191-4192.	7.1	25
10	Regulation of Multiple Carbon Monoxide Consumption Pathways in Anaerobic Bacteria. <i>Frontiers in Microbiology</i> , 2011, 2, 147.	3.5	20
11	Determinants of blood water $\delta^{18}O$ variation in a population of experimental sheep: Implications for paleoclimate reconstruction. <i>Chemical Geology</i> , 2018, 485, 32-43.	3.3	17
12	Modeling the Measurement: δ^{47} , Corrections, and Absolute Ratios for Reference Materials. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 3569-3587.	2.5	7
13	Phosphorus Release and Regeneration Following Laboratory Lysis of Bacterial Cells. <i>Frontiers in Microbiology</i> , 2021, 12, 641700.	3.5	4
14	Oxygen isotope exchange rates between phosphate and water catalyzed by inorganic pyrophosphatase: Implications for the biogeochemical cycle of phosphorus. <i>Earth and Planetary Science Letters</i> , 2021, 570, 117071.	4.4	4