

Kat S Dawson

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

399
citations

1040056

9
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

738
citing authors

#	ARTICLE	IF	CITATIONS
1	Methyl-compound use and slow growth characterize microbial life in 2-km-deep seafloor coal and shale beds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E9206-E9215.	7.1	94
2	Quantitative Fluorescence <i>in Situ</i> Hybridization Analysis of Microbial Consortia from a Biogenic Gas Field in Alaska's Cook Inlet Basin. <i>Applied and Environmental Microbiology</i> , 2012, 78, 3599-3605.	3.1	67
3	Geochemical, metagenomic and metaproteomic insights into trace metal utilization by methane-oxidizing microbial consortia in sulphidic marine sediments. <i>Environmental Microbiology</i> , 2014, 16, 1592-1611.	3.8	47
4	Methanotrophic bacterial symbionts fuel dense populations of deep-sea feather duster worms (Sabellida, Annelida) and extend the spatial influence of methane seepage. <i>Science Advances</i> , 2020, 6, eaay8562.	10.3	39
5	Metabolic associations with archaea drive shifts in hydrogen isotope fractionation in sulfate-reducing bacterial lipids in cocultures and methane seeps. <i>Geobiology</i> , 2015, 13, 462-477.	2.4	31
6	Methoxyl stable isotopic constraints on the origins and limits of coal-bed methane. <i>Science</i> , 2021, 374, 894-897.	12.6	31
7	Fractionation of Hydrogen Isotopes by Sulfate- and Nitrate-Reducing Bacteria. <i>Frontiers in Microbiology</i> , 2016, 7, 1166.	3.5	30
8	Clumped Isotopes Link Older Carbon Substrates With Slower Rates of Methanogenesis in Northern Lakes. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086756.	4.0	27
9	Trace Metal Imaging of Sulfate-Reducing Bacteria and Methanogenic Archaea at Single-Cell Resolution by Synchrotron X-Ray Fluorescence Imaging. <i>Geomicrobiology Journal</i> , 2018, 35, 81-89.	2.0	13
10	A chemosynthetic ecotone in the sediments surrounding deep-sea methane seeps. <i>Limnology and Oceanography</i> , 2021, 66, 1687-1702.	3.1	11
11	2,3,7,8-Tetrachlorodibenzo-p-dioxin Dechlorination is Differentially Enhanced by Dichlorobenzene Amendment in Passaic River, NJ Sediments. <i>Environmental Science & Technology</i> , 2020, 54, 8380-8389.	10.0	6
12	Carbon isotopic heterogeneity of coenzyme F430 and membrane lipids in methane-oxidizing archaea. <i>Geobiology</i> , 2019, 17, 611-627.	2.4	3