# Kat S Dawson

List of Publications by Year
in descending order



| 12 | 399 | 1040056 9 | 1199594 12 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 12 | 12 | 12 | 738 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

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