

Thomas William Evans

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

139
citations

1307594

7
h-index

1372567

10
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11
all docs

11
docs citations

11
times ranked

214
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Lipid biosynthesis of <i>Nitrosopumilus maritimus</i> dissected by lipid specific radioisotope probing (lipid-RIP) under contrasting ammonium supply. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 242, 51-63. | 3.9 | 26 |
| 2 | Ammonia-oxidizing Bacteria of the Nitrospira cluster 1 dominate over ammonia-oxidizing Archaea in oligotrophic surface sediments near the South Atlantic Gyre. <i>Environmental Microbiology Reports</i> , 2015, 7, 404-413. | 2.4 | 22 |
| 3 | Size and composition of seafloor microbial community in the Benguela upwelling area examined from intact membrane lipid and DNA analysis. <i>Organic Geochemistry</i> , 2017, 111, 86-100. | 1.8 | 19 |
| 4 | A micrometer-scale snapshot on phototroph spatial distributions: mass spectrometry imaging of microbial mats in Octopus Spring, Yellowstone National Park. <i>Geobiology</i> , 2020, 18, 742-759. | 2.4 | 16 |
| 5 | Vitamin B ₁₂ -dependent biosynthesis ties amplified 2-methylhopanoid production during oceanic anoxic events to nitrification. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 32996-33004. | 7.1 | 13 |
| 6 | Improved sensitivity of sedimentary phospholipid analysis resulting from a novel extract cleanup strategy. <i>Organic Geochemistry</i> , 2013, 65, 46-52. | 1.8 | 11 |
| 7 | Assessing the carbon assimilation and production of benthic archaeal lipid biomarkers using lipid-RIP. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 265, 431-442. | 3.9 | 11 |
| 8 | Marine and terrestrial nitrifying bacteria are sources of diverse bacteriohopanepolyols. <i>Geobiology</i> , 2022, 20, 399-420. | 2.4 | 8 |
| 9 | A heterocyte glycolipid-based calibration to reconstruct past continental climate change. <i>Nature Communications</i> , 2021, 12, 2406. | 12.8 | 6 |
| 10 | A new and improved protocol for extraction of intact polar membrane lipids from archaea. <i>Organic Geochemistry</i> , 2022, 165, 104353. | 1.8 | 5 |
| 11 | Lipid Biomarkers From Microbial Mats on the McMurdo Ice Shelf, Antarctica: Signatures for Life in the Cryosphere. <i>Frontiers in Microbiology</i> , 0, 13, . | 3.5 | 2 |