

Eoghan P Reeves

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,439
citations

567281

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642732

23
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docs citations

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times ranked

1770
citing authors

#	ARTICLE	IF	CITATIONS
1	Timing Earth's Abiotic Kitchen: Short Hydrothermal Fluid Residence Times in Serpentinizing Oceanic Crust. <i>Journal of Geophysical Research: Oceans</i> , 2022, 127, .	2.6	1
2	Compositions of dissolved organic matter in the ice-covered waters above the Aurora hydrothermal vent system, Gakkel Ridge, Arctic Ocean. <i>Biogeosciences</i> , 2022, 19, 2101-2120.	3.3	3
3	Abiotic Synthesis of Methane and Organic Compounds in Earth's Lithosphere. <i>Elements</i> , 2020, 16, 25-31.	0.5	55
4	Tailoring Hydrothermal Vent Biodiversity Toward Improved Biodiscovery Using a Novel in situ Enrichment Strategy. <i>Frontiers in Microbiology</i> , 2020, 11, 249.	3.5	14
5	Application of B, Mg, Li, and Sr Isotopes in Acid-Sulfate Vent Fluids and Volcanic Rocks as Tracers for Fluid-Rock Interaction in Back-Arc Hydrothermal Systems. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 5849-5866.	2.5	8
6	Geochemistry of hot-springs at the SuSu Knolls hydrothermal field, Eastern Manus Basin: Advanced argillic alteration and vent fluid acidity. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 255, 25-48.	3.9	27
7	The influence of magmatic fluids and phase separation on B systematics in submarine hydrothermal vent fluids from back-arc basins. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 232, 140-162.	3.9	12
8	Clumped isotopologue constraints on the origin of methane at seafloor hot springs. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 223, 141-158.	3.9	99
9	Genome Analysis of <i>Vallitalea guaymasensis</i> Strain L81 Isolated from a Deep-Sea Hydrothermal Vent System. <i>Microorganisms</i> , 2018, 6, 63.	3.6	13
10	Hydrothermal Vents. <i>Encyclopedia of Earth Sciences Series</i> , 2018, , 711-715.	0.1	0
11	Arsenic bioaccumulation and biotransformation in deep-sea hydrothermal vent organisms from the PACMANUS hydrothermal field, Manus Basin, PNG. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2016, 117, 95-106.	1.4	10
12	Heterotrophic <i>Proteobacteria</i> in the vicinity of diffuse hydrothermal venting. <i>Environmental Microbiology</i> , 2016, 18, 4348-4368.	3.8	63
13	Hydrothermal Vents. <i>Encyclopedia of Earth Sciences Series</i> , 2016, , 1-5.	0.1	0
14	Submarine venting of magmatic volatiles in the Eastern Manus Basin, Papua New Guinea. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 163, 178-199.	3.9	59
15	Nonequilibrium clumped isotope signals in microbial methane. <i>Science</i> , 2015, 348, 428-431.	12.6	192
16	Microbial lipids reveal carbon assimilation patterns on hydrothermal sulfide chimneys. <i>Environmental Microbiology</i> , 2014, 16, 3515-3532.	3.8	44
17	The origin of methanethiol in midocean ridge hydrothermal fluids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 5474-5479.	7.1	101
18	H ₂ /CH ₄ ratios cannot reliably distinguish abiotic vs. biotic methane in natural hydrothermal systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E3210-E3210.	7.1	9

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19	Hydrogen isotope exchange between n-alkanes and water under hydrothermal conditions. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 77, 582-599.	3.9	82
20	Subseafloor phase equilibria in high-temperature hydrothermal fluids of the Lucky Strike Seamount (Mid-Atlantic Ridge, 37°17'N). <i>Geochimica Et Cosmochimica Acta</i> , 2012, 90, 303-322.	3.9	72
21	Geochemistry of hydrothermal fluids from the PACMANUS, Northeast Pual and Vienna Woods hydrothermal fields, Manus Basin, Papua New Guinea. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 1088-1123.	3.9	185
22	Chemistry of hot springs along the Eastern Lau Spreading Center. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 1013-1038.	3.9	121
23	Low marine sulfate concentrations and the isolation of the European epicontinental sea during the Early Jurassic. <i>Geology</i> , 2011, 39, 7-10.	4.4	78
24	Rare earth element abundances in hydrothermal fluids from the Manus Basin, Papua New Guinea: Indicators of sub-seafloor hydrothermal processes in back-arc basins. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 5494-5513.	3.9	137
25	An eastern Tethyan (Tibetan) record of the Early Jurassic (Toarcian) mass extinction event. <i>Geobiology</i> , 2006, 4, 179-190.	2.4	48