

Jeffrey M Heikoop

List of Publications by Year in descending order

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44
papers

1,936
citations

236612

25
h-index

243296

44
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45
docs citations

45
times ranked

2752
citing authors

#	ARTICLE	IF	CITATIONS
1	Normal Coral Growth Rates on Dying Reefs: Are Coral Growth Rates Good Indicators of Reef Health?. <i>Marine Pollution Bulletin</i> , 2000, 40, 404-425.	2.3	258
2	Extended megadroughts in the southwestern United States during Pleistocene interglacials. <i>Nature</i> , 2011, 470, 518-521.	13.7	124
3	Coral microbial communities, zooxanthellae and mucus along gradients of seawater depth and coastal pollution. <i>Environmental Microbiology</i> , 2007, 9, 1291-1305.	1.8	118
4	Nitrogen-15 Signals of Anthropogenic Nutrient Loading in Reef Corals. <i>Marine Pollution Bulletin</i> , 2000, 40, 628-636.	2.3	101
5	Stable isotopic composition of deep-sea gorgonian corals <i>Primnoa</i> spp.: a new archive of surface processes. <i>Marine Ecology - Progress Series</i> , 2005, 301, 135-148.	0.9	83
6	Separation of kinetic and metabolic isotope effects in carbon-13 records preserved in reef coral skeletons. <i>Geochimica Et Cosmochimica Acta</i> , 2000, 64, 975-987.	1.6	81
7	The geologic history of seawater oxygen isotopes from marine iron oxides. <i>Science</i> , 2019, 365, 469-473.	6.0	81
8	Modern and Palaeozoic iron ooids—a similar volcanic origin. <i>Sedimentary Geology</i> , 2000, 136, 137-146.	1.0	75
9	Cross-continental shelf trends in coral $\delta^{15}\text{N}$ on the Great Barrier Reef: further consideration of the reef nutrient paradox. <i>Marine Ecology - Progress Series</i> , 1999, 180, 131-138.	0.9	72
10	Relationship between light and the $\delta^{15}\text{N}$ of coral tissue: Examples from Jamaica and Zanzibar. <i>Limnology and Oceanography</i> , 1998, 43, 909-920.	1.6	69
11	Active layer hydrology in an arctic tundra ecosystem: quantifying water sources and cycling using water stable isotopes. <i>Hydrological Processes</i> , 2016, 30, 4972-4986.	1.1	68
12	Modern iron ooids from a shallow-marine volcanic setting: Mahengetang, Indonesia. <i>Geology</i> , 1996, 24, 759.	2.0	62
13	Bacterial communities inhabiting the healthy tissues of two Caribbean reef corals: interspecific and spatial variation. <i>Coral Reefs</i> , 2005, 24, 129-137.	0.9	60
14	Chlorine-36 as a Tracer of Perchlorate Origin. <i>Environmental Science & Technology</i> , 2009, 43, 6934-6938.	4.6	52
15	Isotopic and Geochemical Tracers for U(VI) Reduction and U Mobility at an in Situ Recovery U Mine. <i>Environmental Science & Technology</i> , 2015, 49, 5939-5947.	4.6	47
16	$\delta^{15}\text{N}$ and $\delta^{13}\text{C}$ of coral tissue show significant inter-reef variation. <i>Coral Reefs</i> , 2000, 19, 189-193.	0.9	45
17	Microtopographic and depth controls on active layer chemistry in Arctic polygonal ground. <i>Geophysical Research Letters</i> , 2015, 42, 1808-1817.	1.5	44
18	Quantifying uncertainty in stable isotope mixing models. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2015, 120, 903-923.	1.3	43

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19	Development of the mixed conifer forest in northern New Mexico and its relationship to Holocene environmental change. <i>Quaternary Research</i> , 2008, 69, 263-275.	1.0	38
20	Oil and gas produced water as a growth medium for microalgae cultivation: A review and feasibility analysis. <i>Algal Research</i> , 2017, 24, 492-504.	2.4	36
21	Pretreatment technique for siderite removal for organic carbon isotope and C:N ratio analysis in geological samples. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 865-872.	0.7	34
22	Isotopic Evidence for Reductive Immobilization of Uranium Across a Roll-Front Mineral Deposit. <i>Environmental Science & Technology</i> , 2016, 50, 6189-6198.	4.6	34
23	Characterization of cores from an in-situ recovery mined uranium deposit in Wyoming: Implications for post-mining restoration. <i>Chemical Geology</i> , 2014, 390, 32-45.	1.4	30
24	Pathways and transformations of dissolved methane and dissolved inorganic carbon in Arctic tundra watersheds: Evidence from analysis of stable isotopes. <i>Global Biogeochemical Cycles</i> , 2015, 29, 1893-1910.	1.9	30
25	Stepwise inversion of a groundwater flow model with multi-scale observation data. <i>Hydrogeology Journal</i> , 2010, 18, 607-624.	0.9	29
26	Effects of volcanic ashfall recorded in ancient marine benthic communities: comparison of a nearshore and an offshore environment. <i>Lethaia</i> , 1996, 29, 125-139.	0.6	24
27	Isotopic evidence for reduction of anthropogenic hexavalent chromium in Los Alamos National Laboratory groundwater. <i>Chemical Geology</i> , 2014, 373, 1-9.	1.4	24
28	Isotopic identification of soil and permafrost nitrate sources in an Arctic tundra ecosystem. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2015, 120, 1000-1017.	1.3	22
29	Corals as Proxy Recorders of Volcanic Activity: Evidence from Banda Api, Indonesia. <i>Palaios</i> , 1996, 11, 286.	0.6	19
30	Smoke signals from corals: isotopic signature of the 1997 Indonesian "haze" event. <i>Marine Geology</i> , 2003, 202, 71-78.	0.9	19
31	Uranium isotope composition of waters from South Texas uranium ore deposits. <i>Chemical Geology</i> , 2016, 437, 44-55.	1.4	15
32	Stable isotope dynamics of nitrogen sewage effluent uptake in a semi-arid wetland. <i>Environmental Pollution</i> , 2006, 140, 500-505.	3.7	13
33	Se Isotopes as Groundwater Redox Indicators: Detecting Natural Attenuation of Se at an in Situ Recovery U Mine. <i>Environmental Science & Technology</i> , 2016, 50, 10833-10842.	4.6	13
34	Stimulation of anaerobic organic matter decomposition by subsurface organic N addition in tundra soils. <i>Soil Biology and Biochemistry</i> , 2019, 130, 195-204.	4.2	13
35	A benthic survey of Aliwal Shoal and assessment of the effects of a wood pulp effluent on the reef. <i>Marine Pollution Bulletin</i> , 2006, 52, 503-514.	2.3	12
36	Skeletal Mg/Ca in <i>Primnoa resedaeformis</i> : relationship to temperature?. , 2005, , 1061-1079.		11

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37	Estimates of dietary overlap for six species of Amazonian manakin birds using stable isotopes. <i>Isotopes in Environmental and Health Studies</i> , 2013, 49, 420-435.	0.5	8
38	A 15 000-year record of climate change in northern New Mexico, USA, inferred from isotopic and elemental contents of bog sediments. <i>Journal of Quaternary Science</i> , 2010, 25, 1001-1007.	1.1	7
39	Sulfite radicals in banded coral. <i>Applied Radiation and Isotopes</i> , 1996, 47, 1437-1441.	0.7	6
40	Assessing the strength of the monsoon during the late Pleistocene in southwestern United States. <i>Quaternary Science Reviews</i> , 2014, 103, 81-90.	1.4	6
41	High nitrate variability on an Alaskan permafrost hillslope dominated by alder shrubs. <i>Cryosphere</i> , 2022, 16, 1889-1901.	1.5	3
42	Age and chemistry of dissolved organic carbon reveal enhanced leaching of ancient labile carbon at the permafrost thaw zone. <i>Biogeosciences</i> , 2022, 19, 1211-1223.	1.3	2
43	Carbon use efficiency diagnostics in <i>Nannochloropsis salina</i> . <i>Algal Research</i> , 2018, 31, 40-46.	2.4	1
44	Increased Arctic NO ₃ ⁻ Availability as a Hydrogeomorphic Consequence of Permafrost Degradation and Landscape Drying. <i>Nitrogen</i> , 2022, 3, 314-332.	0.6	1