

E Brendan Roark

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,477
citations

394421

19
h-index

361022

35
g-index

36
all docs

36
docs citations

36
times ranked

1918
citing authors

#	ARTICLE	IF	CITATIONS
1	Extreme longevity in proteinaceous deep-sea corals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 5204-5208.	7.1	224
2	Apparent synchronicity of submillennial scale climate events between Greenland and Santa Barbara Basin, California from 30â€“10ka. <i>Quaternary Science Reviews</i> , 2002, 21, 1167-1184.	3.0	170
3	Radiocarbon-based ages and growth rates of Hawaiian deep-sea corals. <i>Marine Ecology - Progress Series</i> , 2006, 327, 1-14.	1.9	160
4	Radiocarbon-based ages and growth rates of bamboo corals from the Gulf of Alaska. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	4.0	97
5	The geochemistry of deep-sea coral skeletons: A review of vital effects and applications for palaeoceanography. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2014, 99, 184-198.	1.4	95
6	Exploration of the Canyon-Incised Continental Margin of the Northeastern United States Reveals Dynamic Habitats and Diverse Communities. <i>PLoS ONE</i> , 2015, 10, e0139904.	2.5	79
7	Dispersal of male and female <i>Culex quinquefasciatus</i> and <i>Aedes albopictus</i> mosquitoes using stable isotope enrichment. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005347.	3.0	64
8	Paleoceanographic change during the last deglaciation, east Sea of Korea. <i>Paleoceanography</i> , 2000, 15, 254-266.	3.0	53
9	Growth rate and age distribution of deep-sea black corals in the Gulf of Mexico. <i>Marine Ecology - Progress Series</i> , 2011, 423, 101-115.	1.9	49
10	Resources for Paleoclimatic and Paleoclimatic Analysis: A 6,700-Year Stratigraphy and Regional Radiocarbon Reservoir-Age (ΔR) Record Based on Varve Counting and ^{14}C -AMS Dating for the Santa Barbara Basin, Offshore California, U.S.A.. <i>Journal of Sedimentary Research</i> , 2006, 76, 74-80.	1.6	40
11	Defying Dissolution: Discovery of Deep-Sea Scleractinian Coral Reefs in the North Pacific. <i>Scientific Reports</i> , 2017, 7, 5436.	3.3	38
12	How does a restored oyster reef develop? An assessment based on stable isotopes and community metrics. <i>Marine Biology</i> , 2017, 164, 1.	1.5	37
13	Seawater Radiocarbon Evolution in the Gulf of Alaska: 2002 Observations. <i>Radiocarbon</i> , 2006, 48, 1-15.	1.8	36
14	Amid fields of rubble, scars, and lost gear, signs of recovery observed on seamounts on 30- to 40-year time scales. <i>Science Advances</i> , 2019, 5, eaaw4513.	10.3	34
15	Climatology of Storm Characteristics in Costa Rica using the TRMM Precipitation Radar. <i>Journal of Hydrometeorology</i> , 2014, 15, 2615-2633.	1.9	28
16	Deep-sea coral record of human impact on watershed quality in the Mississippi River Basin. <i>Global Biogeochemical Cycles</i> , 2014, 28, 29-43.	4.9	27
17	Holocene foraminiferal radiocarbon record of paleocirculation in the Santa Barbara Basin. <i>Geology</i> , 2003, 31, 379.	4.4	26
18	Dispersal of female and male <i>Aedes aegypti</i> from discarded container habitats using a stable isotope mark-capture study design in South Texas. <i>Scientific Reports</i> , 2020, 10, 6803.	3.3	25

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19	Resolving the cause of large differences between deglacial benthic foraminifera radiocarbon measurements in Santa Barbara Basin. <i>Paleoceanography</i> , 2010, 25, n/a-n/a.	3.0	24
20	Observations of vulnerable marine ecosystems and significant adverse impacts on high seas seamounts of the northwestern Hawaiian Ridge and Emperor Seamount Chain. <i>Marine Policy</i> , 2020, 115, 103834.	3.2	20
21	Impacts of Vegetation and Precipitation on Throughfall Heterogeneity in a Tropical Pre-Montane Transitional Cloud Forest. <i>Biotropica</i> , 2014, 46, 667-676.	1.6	19
22	Fine Scale Assemblage Structure of Benthic Invertebrate Megafauna on the North Pacific Seamount Mokumanamana. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	19
23	Growth validation of gold coral <i>Gerardia</i> sp. in the Hawaiian Archipelago. <i>Marine Ecology - Progress Series</i> , 2009, 397, 163-172.	1.9	19
24	Uranium-series dating and growth characteristics of the deep-sea scleractinian coral: <i>Enallopsammia rostrata</i> from the Equatorial Pacific. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 2380-2395.	3.9	13
25	Abrupt Southern Great Plains thunderstorm shifts linked to glacial climate variability. <i>Nature Geoscience</i> , 2021, 14, 396-401.	12.9	13
26	Comparison of DNA and Carbon and Nitrogen Stable Isotope-based Techniques for Identification of Prior Vertebrate Hosts of Ticks. <i>Journal of Medical Entomology</i> , 2015, 52, 1043-1049.	1.8	11
27	Late Holocene variations in Pacific surface circulation and biogeochemistry inferred from proteinaceous deep-sea corals. <i>Biogeosciences</i> , 2013, 10, 6019-6028.	3.3	10
28	Seasonal variability in the source and composition of particulate matter in the depositional zone of Baltimore Canyon, U.S. Mid-Atlantic Bight. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2017, 127, 77-89.	1.4	10
29	Chemical and Isotopic Tracer Evaluation of Water Mixing and Evaporation in a Dammed Texas River During Drought. <i>River Research and Applications</i> , 2017, 33, 450-460.	1.7	8
30	Heterotrophy of Oceanic Particulate Organic Matter Elevates Net Ecosystem Calcification. <i>Geophysical Research Letters</i> , 2019, 46, 9851-9860.	4.0	8
31	Reproducibility of Ba/Ca variations recorded by northeast Pacific bamboo corals. <i>Paleoceanography</i> , 2017, 32, 966-979.	3.0	7
32	Laboratory evaluation of stable isotope labeling of <i>Culicoides</i> (Diptera: Ceratopogonidae) for adult dispersal studies. <i>Parasites and Vectors</i> , 2019, 12, 411.	2.5	5
33	Uptake and distribution of organo-iodine in deep-sea corals. <i>Journal of Environmental Radioactivity</i> , 2018, 187, 122-132.	1.7	4
34	Stable Isotope Marking of Laboratory-Reared <i>Aedes aegypti</i> (Diptera: Culicidae). <i>Journal of Medical Entomology</i> , 2020, 57, 649-652.	1.8	1