

Rick Hennekam

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

715
citations

623699

14
h-index

552766

26
g-index

30
all docs

30
docs citations

30
times ranked

1242
citing authors

#	ARTICLE	IF	CITATIONS
1	X-ray fluorescence core scanning of wet marine sediments: methods to improve quality and reproducibility of high-resolution paleoenvironmental records. <i>Limnology and Oceanography: Methods</i> , 2012, 10, 991-1003.	2.0	112
2	Solar forcing of Nile discharge and sapropel S1 formation in the early to middle Holocene eastern Mediterranean. <i>Paleoceanography</i> , 2014, 29, 343-356.	3.0	112
3	Differences between the last two glacial maxima and implications for ice-sheet, $\delta^{18}O$, and sea-level reconstructions. <i>Quaternary Science Reviews</i> , 2017, 176, 1-28.	3.0	82
4	Integral view of Holocene precipitation and vegetation changes in the Nile catchment area as inferred from its delta sediments. <i>Quaternary Science Reviews</i> , 2015, 130, 189-199.	3.0	64
5	Thirteen thousand years of southeastern Mediterranean climate variability inferred from an integrative planktic foraminiferal-based approach. <i>Paleoceanography</i> , 2015, 30, 402-422.	3.0	38
6	Marine productivity leads organic matter preservation in sapropel S1: palynological evidence from a core east of the Nile River outflow. <i>Quaternary Science Reviews</i> , 2015, 108, 130-138.	3.0	30
7	Downward particle fluxes of biogenic matter and Saharan dust across the equatorial North Atlantic. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 6023-6040.	4.9	25
8	Timing and stepwise transitions of the African Humid Period from geochemical proxies in the Nile deep-sea fan sediments. <i>Quaternary Science Reviews</i> , 2020, 228, 106071.	3.0	23
9	Early Warning Signals for Marine Anoxic Events. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089183.	4.0	22
10	High-resolution line-scan analysis of resin-embedded sediments using laser ablation-inductively coupled plasma-mass spectrometry (LA-ICP-MS). <i>Chemical Geology</i> , 2015, 403, 42-51.	3.3	21
11	Trace metal analysis of sediment cores using a novel X-ray fluorescence core scanning method. <i>Quaternary International</i> , 2019, 514, 55-67.	1.5	20
12	Cocos (Keeling) Corals Reveal 200 Years of Multidecadal Modulation of Southeast Indian Ocean Hydrology by Indonesian Throughflow. <i>Paleoceanography and Paleoclimatology</i> , 2018, 33, 48-60.	2.9	19
13	Marine productivity, water column processes and seafloor anoxia in relation to Nile discharge during sapropels S1 and S3. <i>Quaternary Science Reviews</i> , 2018, 200, 178-190.	3.0	18
14	Intercomparison of XRF Core Scanning Results From Seven Labs and Approaches to Practical Calibration. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2020GC009248.	2.5	16
15	Organic carbon burial in Mediterranean sapropels intensified during Green Sahara Periods since 3.2 Myr ago. <i>Communications Earth & Environment</i> , 2022, 3, .	6.8	15
16	Biomarker evidence for nitrogen-fixing cyanobacterial blooms in a brackish surface layer in the Nile River plume during sapropel deposition. <i>Geology</i> , 2019, 47, 1088-1092.	4.4	14
17	Carbonate associated uranium isotopes as a novel local redox indicator in oxidatively disturbed reducing sediments. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 311, 12-28.	3.9	12
18	Suborbital Hydrological Variability Inferred From Coupled Benthic and Planktic Foraminiferal-Based Proxies in the Southeastern Mediterranean During the Last 19 ka. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2019PA003827.	2.9	11

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19	Alkenone Distributions and Hydrogen Isotope Ratios Show Changes in Haptophyte Species and Source Water in the Holocene Baltic Sea. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2019GC008751.	2.5	10
20	Molybdenum isotope constraints on the temporal development of sulfidic conditions during Mediterranean sapropel intervals. <i>Geochemical Perspectives Letters</i> , 0, , 16-20.	5.0	10
21	Evaluation and application of foraminiferal element/calcium ratios: Assessing riverine fluxes and environmental conditions during sapropel S1 in the Southeastern Mediterranean. <i>Marine Micropaleontology</i> , 2019, 153, 101783.	1.2	9
22	Co-variation systematics of uranium and molybdenum isotopes reveal pathways for descent into euxinia in Mediterranean sapropels. <i>Earth and Planetary Science Letters</i> , 2022, 585, 117527.	4.4	8
23	Assessment and Integration of Bulk and Componentâ€Specific Methods for Identifying Mineral Magnetic Assemblages in Environmental Magnetism. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB019024.	3.4	7
24	A Novel Approach Using Timeâ€Depth Distortions to Assess Multicentennial Variability in Deepâ€Sea Oxygen Deficiency in the Eastern Mediterranean Sea During Sapropel S5. <i>Paleoceanography and Paleoclimatology</i> , 2019, 34, 774-786.	2.9	6
25	Patterns of alluvial deposition in Andean lake consistent with ENSO trigger. <i>Quaternary Science Reviews</i> , 2021, 259, 106900.	3.0	6
26	Late Holocene canyon-carving floods in northern Iceland were smaller than previously reported. <i>Communications Earth & Environment</i> , 2021, 2, .	6.8	3
27	Suitability of calibrated X-ray fluorescence core scanning for environmental geochemical characterisation of heterogeneous sediment cores. <i>Applied Geochemistry</i> , 2021, 125, 104824.	3.0	1
28	Effect of barite-bound Sr on detrital Sr isotope systematics in marine sediments. <i>Chemical Geology</i> , 2021, , 120613.	3.3	0