

Kim Cobb

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

6,486
citations

109137

35
h-index

149479

56
g-index

63
all docs

63
docs citations

63
times ranked

6868
citing authors

#	ARTICLE	IF	CITATIONS
1	Termination 1 Millennial-scale Rainfall Events Over the Sunda Shelf. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	11
2	Central Equatorial Pacific Warming and Freshening in the Twentieth Century: Insights From a Coral Ensemble Approach. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	2
3	A mechanistic investigation of the coral Mn/Ca-based trade-wind proxy at Kiritimati. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 328, 58-75.	1.6	0
4	Translating a Global Emission-Reduction Framework for Subnational Climate Action: A Case Study from the State of Georgia. <i>Environmental Management</i> , 2021, 67, 205-227.	1.2	10
5	Reproducibility of Coral Mn/Ca-based Wind Reconstructions at Kiritimati Island and Butaritari Atoll. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2020GC009398.	1.0	5
6	Changing El Niño Southern Oscillation in a warming climate. <i>Nature Reviews Earth & Environment</i> , 2021, 2, 628-644.	12.2	197
7	Decadal climate variability in the tropical Pacific: Characteristics, causes, predictability, and prospects. <i>Science</i> , 2021, 374, eaay9165.	6.0	92
8	Coral Oxygen Isotopic Records Capture the 2015/2016 El Niño Event in the Central Equatorial Pacific. <i>Geophysical Research Letters</i> , 2021, 48, .	1.5	3
9	Enhanced El Niño Southern Oscillation Variability in Recent Decades. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL083906.	1.5	85
10	Modes of climate variability: Synthesis and review of proxy-based reconstructions through the Holocene. <i>Earth-Science Reviews</i> , 2020, 209, 103286.	4.0	41
11	Response to Comment on "No consistent ENSO response to volcanic forcing over the last millennium". <i>Science</i> , 2020, 369, .	6.0	0
12	A Continuous Record of Central Tropical Pacific Climate Since the Midnineteenth Century Reconstructed From Fanning and Palmyra Island Corals: A Case Study in Coral Data Reanalysis. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2020PA003848.	1.3	12
13	Dynamic symbioses reveal pathways to coral survival through prolonged heatwaves. <i>Nature Communications</i> , 2020, 11, 6097.	5.8	67
14	No consistent ENSO response to volcanic forcing over the last millennium. <i>Science</i> , 2020, 367, 1477-1481.	6.0	68
15	Extended Cave Drip Water Time Series Captures the 2015-2016 El Niño in Northern Borneo. <i>Geophysical Research Letters</i> , 2020, 47, no.	1.5	14
16	PaCTS 1.0: A Crowdsourced Reporting Standard for Paleoclimate Data. <i>Paleoceanography and Paleoclimatology</i> , 2019, 34, 1570-1596.	1.3	30
17	Data Descriptor: Daily observations of stable isotope ratios of rainfall in the tropics. <i>Scientific Reports</i> , 2019, 9, 14419.	1.6	40
18	Thank You to Our 2018 Peer Reviewers. <i>Geophysical Research Letters</i> , 2019, 46, 12608-12636.	1.5	0

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19	Intercolony $\delta^{18}\text{O}$ and Sr/Ca variability among <i>Porites</i> spp. corals at Palmyra Atoll: Toward more robust coral-based estimates of climate. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 5270-5284.	1.0	37
20	In situ and remotely sensed temperature comparisons on a Central Pacific atoll. <i>Coral Reefs</i> , 2019, 38, 1343-1349.	0.9	17
21	Deciphering key processes controlling rainfall isotopic variability during extreme tropical cyclones. <i>Nature Communications</i> , 2019, 10, 4321.	5.8	52
22	The Influence of Competing Hydroclimate Processes on Stable Isotope Ratios in Tropical Rainfall. <i>Geophysical Research Letters</i> , 2019, 46, 1622-1633.	1.5	61
23	Coral-Derived Western Pacific Tropical Sea Surface Temperatures During the Last Millennium. <i>Geophysical Research Letters</i> , 2018, 45, 3542-3549.	1.5	27
24	Seasonal and ENSO Influences on the Stable Isotopic Composition of Galápagos Precipitation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 261-275.	1.2	18
25	Twentieth Century Seawater $\delta^{18}\text{O}$ Dynamics and Implications for Coral-Based Climate Reconstruction. <i>Paleoceanography and Paleoclimatology</i> , 2018, 33, 606-625.	1.3	17
26	Appreciation of 2017 GRL Peer Reviewers. <i>Geophysical Research Letters</i> , 2018, 45, 4494-4528.	1.5	0
27	Climate research priorities for policy-makers, practitioners, and scientists in Georgia, USA. <i>Environmental Management</i> , 2018, 62, 190-209.	1.2	15
28	El Niño Southern Oscillation complexity. <i>Nature</i> , 2018, 559, 535-545.	13.7	702
29	Spatiotemporal variability in the $\delta^{18}\text{O}$ -salinity relationship of seawater across the tropical Pacific Ocean. <i>Paleoceanography</i> , 2017, 32, 484-497.	3.0	47
30	Recent enhancement of central Pacific El Niño variability relative to last eight centuries. <i>Nature Communications</i> , 2017, 8, 15386.	5.8	126
31	<i>Porites</i> coral response to an oceanographic and human impact gradient in the Line Islands. <i>Limnology and Oceanography</i> , 2017, 62, 2850-2863.	1.6	11
32	Paired stable isotopologues in precipitation and vapor: A case study of the amount effect within western tropical Pacific storms. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 3290-3303.	1.2	53
33	A comparison of $U^{234}\text{Th}$ and rapid-screen C^{14} dates from L -line I -island fossil corals. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 833-845.	1.0	16
34	A high-resolution speleothem record of western equatorial Pacific rainfall: Implications for Holocene ENSO evolution. <i>Earth and Planetary Science Letters</i> , 2016, 442, 61-71.	1.8	75
35	Northern Borneo stalagmite records reveal West Pacific hydroclimate across MIS 5 and 6. <i>Earth and Planetary Science Letters</i> , 2016, 439, 182-193.	1.8	61
36	The Pacific Decadal Oscillation, Revisited. <i>Journal of Climate</i> , 2016, 29, 4399-4427.	1.2	877

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37	Characterizing seawater oxygen isotopic variability in a regional ocean modeling framework: Implications for coral proxy records. <i>Paleoceanography</i> , 2015, 30, 1573-1593.	3.0	23
38	Climatic and biotic thresholds of coral-reef shutdown. <i>Nature Climate Change</i> , 2015, 5, 369-374.	8.1	55
39	ENSO and greenhouse warming. <i>Nature Climate Change</i> , 2015, 5, 849-859.	8.1	596
40	A probabilistic model of chronological errors in layer-counted climate proxies: applications to annually banded coral archives. <i>Climate of the Past</i> , 2014, 10, 825-841.	1.3	60
41	Transformation of ENSO-related rainwater to dripwater $\delta^{18}O$ variability by vadose water mixing. <i>Geophysical Research Letters</i> , 2014, 41, 7907-7915.	1.5	49
42	Constraints on the salinity-oxygen isotope relationship in the central tropical Pacific Ocean. <i>Marine Chemistry</i> , 2014, 161, 26-33.	0.9	50
43	Highly Variable El Niño Southern Oscillation Throughout the Holocene. <i>Science</i> , 2013, 339, 67-70.	6.0	373
44	Diurnal to interannual rainfall $\delta^{18}O$ variations in northern Borneo driven by regional hydrology. <i>Earth and Planetary Science Letters</i> , 2013, 369-370, 108-119.	1.8	134
45	Varied Response of Western Pacific Hydrology to Climate Forcings over the Last Glacial Period. <i>Science</i> , 2013, 340, 1564-1566.	6.0	132
46	Comparison of precipitation isotope variability across the tropical Pacific in observations and SWING2 model simulations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 5867-5892.	1.2	58
47	Correction to "Late 20th century warming and freshening in the central tropical Pacific". <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	4
48	Effects of diagenesis on paleoclimate reconstructions from modern and young fossil corals. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 6361-6373.	1.6	78
49	Decadal-Scale SST and Salinity Variations in the Central Tropical Pacific: Signatures of Natural and Anthropogenic Climate Change. <i>Journal of Climate</i> , 2011, 24, 3294-3308.	1.2	101
50	Coral records of central tropical Pacific radiocarbon variability during the last millennium. <i>Paleoceanography</i> , 2010, 25, n/a-n/a.	3.0	24
51	Late 20th century warming and freshening in the central tropical Pacific. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	61
52	Regional-scale climate influences on temporal variations of rainwater and cave dripwater oxygen isotopes in northern Borneo. <i>Earth and Planetary Science Letters</i> , 2007, 263, 207-220.	1.8	118
53	Millennial-scale trends in west Pacific warm pool hydrology since the Last Glacial Maximum. <i>Nature</i> , 2007, 449, 452-455.	13.7	324
54	Tropical Pacific "mid-latitude teleconnections in medieval times. <i>Climatic Change</i> , 2007, 83, 241-285.	1.7	195

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55	Monsoon-tropical ocean interaction in a network of coral records spanning the 20th century. <i>Marine Geology</i> , 2003, 201, 207-222.	0.9	115
56	El Niño/Southern Oscillation and tropical Pacific climate during the last millennium. <i>Nature</i> , 2003, 424, 271-276.	13.7	797
57	U/Th-dating living and young fossil corals from the central tropical Pacific. <i>Earth and Planetary Science Letters</i> , 2003, 210, 91-103.	1.8	107
58	A central tropical Pacific coral demonstrates Pacific, Indian, and Atlantic decadal climate connections. <i>Geophysical Research Letters</i> , 2001, 28, 2209-2212.	1.5	129