

# Matthew Ec Kirby

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

1,153  
citations

331670

21  
h-index

377865

34  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1208  
citing authors

#	ARTICLE	IF	CITATIONS
1	Increasing Great Lake Effect Snowfall during the Twentieth Century: A Regional Response to Global Warming?. <i>Journal of Climate</i> , 2003, 16, 3535-3542.	3.2	144
2	Latest Pleistocene to Holocene hydroclimates from Lake Elsinore, California. <i>Quaternary Science Reviews</i> , 2013, 76, 1-15.	3.0	77
3	A 9170-year record of decadal-to-multi-centennial scale pluvial episodes from the coastal Southwest United States: a role for atmospheric rivers?. <i>Quaternary Science Reviews</i> , 2012, 46, 57-65.	3.0	75
4	Insolation forcing of Holocene climate change in Southern California: a sediment study from Lake Elsinore. <i>Journal of Paleolimnology</i> , 2007, 38, 395-417.	1.6	64
5	Late glacial-Holocene atmospheric circulation and precipitation in the northeast United States inferred from modern calibrated stable oxygen and carbon isotopes. <i>Bulletin of the Geological Society of America</i> , 2002, 114, 1326-1340.	3.3	55
6	Tropical Pacific forcing of Late-Holocene hydrologic variability in the coastal southwest United States. <i>Quaternary Science Reviews</i> , 2014, 102, 27-38.	3.0	52
7	Mid-Wisconsin Laurentide ice sheet growth and decay: Implications for Heinrich events 3 and 4. <i>Paleoceanography</i> , 1999, 14, 211-223.	3.0	48
8	Late Holocene lake level dynamics inferred from magnetic susceptibility and stable oxygen isotope data: Lake Elsinore, southern California (USA). <i>Journal of Paleolimnology</i> , 2004, 31, 275-293.	1.6	48
9	An Alpine Lacustrine Record of Early Holocene North American Monsoon Dynamics from Dry Lake, Southern California (USA). <i>Journal of Paleolimnology</i> , 2006, 35, 179-192.	1.6	47
10	Fluctuation in leaf wax D/H ratio from a southern California lake records significant variability in isotopes in precipitation during the late Holocene. <i>Organic Geochemistry</i> , 2014, 66, 48-59.	1.8	47
11	Evidence for insolation and Pacific forcing of late glacial through Holocene climate in the Central Mojave Desert (Silver Lake, CA). <i>Quaternary Research</i> , 2015, 84, 174-186.	1.7	44
12	Hydrologic variability and the onset of modern El Niño-Southern Oscillation: a 19±250-year record from Lake Elsinore, southern California. <i>Journal of Quaternary Science</i> , 2005, 20, 239-254.	2.1	41
13	Mid-Wisconsin sediment record from Baldwin Lake reveals hemispheric climate dynamics (Southern) Tj ETQq1 1 0.784314 rgBT /Over 2.3 39		
14	Title is missing!. <i>Journal of Paleolimnology</i> , 2001, 26, 293-305.	1.6	31
15	Magnetic stratigraphy and sedimentology of Holocene glacial marine deposits in the Palmer Deep, Bellingshausen Sea, Antarctica: implications for climate change?. <i>Marine Geology</i> , 1998, 152, 247-259.	2.1	29
16	Pollen-based evidence of extreme drought during the last Glacial (32.6±9.0 ka) in coastal southern California. <i>Quaternary Science Reviews</i> , 2015, 126, 242-253.	3.0	27
17	Placing the Common Era in a Holocene context: millennial to centennial patterns and trends in the hydroclimate of North America over the past 2000 years. <i>Climate of the Past</i> , 2018, 14, 665-686.	3.4	25
18	Heinrich event-0 (DC-0) in sediment cores from the northwest Labrador Sea: recording events in Cumberland Sound?. <i>Canadian Journal of Earth Sciences</i> , 1998, 35, 510-519.	1.3	23

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19	Geophysical evidence for Holocene lake-level change in southern California (Dry Lake). <i>Boreas</i> , 2010, 39, 131-144.	2.4	23
20	3000 years of environmental change at Zaca Lake, California, USA. <i>Frontiers in Ecology and Evolution</i> , 2014, 2, .	2.2	22
21	Shelf erosion and glacial ice proximity in the Labrador Sea during and after Heinrich events (H-3 or 4). <i>Tj ETQq1 1 0.784314 rgBT /Over</i>	1.3	21
22	Lacustrine isotopic evidence for multidecadal natural climate variability related to the circumpolar vortex over the northeast United States during the past millennium. <i>Geology</i> , 2001, 29, 807.	4.4	21
23	Evidence for a mid-Holocene tsunami deposit along the Andaman coast of Thailand preserved in a mangrove environment. <i>Marine Geology</i> , 2011, 282, 255-267.	2.1	21
24	Late Holocene hydroclimatic variability linked to Pacific forcing: evidence from Abbott Lake, coastal central California. <i>Journal of Paleolimnology</i> , 2016, 56, 299-313.	1.6	18
25	Evidence for orbital and North Atlantic climate forcing in alpine Southern California between 125 and 10 ka from multi-proxy analyses of Baldwin Lake. <i>Quaternary Science Reviews</i> , 2017, 167, 47-62.	3.0	17
26	The impact of over 100 years of wildfires on mercury levels and accumulation rates in two lakes in southern California, USA. <i>Environmental Earth Sciences</i> , 2010, 60, 993-1005.	2.7	15
27	A 50,000-year insect record from Rancho La Brea, Southern California: Insights into past climate and fossil deposition. <i>Quaternary Science Reviews</i> , 2017, 168, 123-136.	3.0	14
28	Fluvial tufa evidence of Late Pleistocene wet intervals from Santa Barbara, California, U.S.A.. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 422, 36-45.	2.3	11
29	Evidence for coseismic subsidence events in a southern California coastal saltmarsh. <i>Scientific Reports</i> , 2017, 7, 44615.	3.3	10
30	A multiproxy database of western North American Holocene paleoclimate records. <i>Earth System Science Data</i> , 2021, 13, 1613-1632.	9.9	10
31	A sedimentary facies model for glacial-age sediments in Baldwin Lake, Southern California. <i>Sedimentary Geology</i> , 2009, 219, 151-168.	2.1	8
32	Southern California Vegetation, Wildfire, and Erosion Had Nonlinear Responses to Climatic Forcing During Marine Isotope Stages 5a-c (120-15 ka). <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2019PA003628.	2.9	8
33	Movement and habitat selection of the western spadefoot ( <i>Spea hammondi</i> ) in southern California. <i>PLoS ONE</i> , 2019, 14, e0222532.	2.5	7
34	Water's past revisited to predict its future. <i>Nature</i> , 2016, 532, 44-45.	27.8	4
35	Younger Dryas to early Holocene (12.9 to 8.1 ka) limnological and hydrological change at Barley Lake, California (northern California Coast Range). <i>Quaternary Research</i> , 2021, 103, 193-207.	1.7	4
36	Initial results from a new Lake Elsinore sediment core reveal evidence for hydrologic change during the late Glacial-Holocene transition. <i>Quaternary International</i> , 2013, 310, 231.	1.5	0

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37	Deglacial hydroclimates across the Coastal Southwest United States into the interior Southwest United States, including Northwest Mexico: Timing, phasing, and forcings. Quaternary International, 2015, 387, 137-138.	1.5	0
38	Diatom Record of Holocene Moisture Variability in the San Bernardino Mountains, California, USA. Syntheses in Limnogeology, 2021, , 329-365.	0.4	0
39	UTILIZING COASTAL WETLAND STRATIGRAPHY TO IDENTIFY PALEOSEISMIC EVENTS AND CHARACTERIZE MARSH RESPONSE AND RECOVERY TO SEISMICALLY-INDUCED SEA LEVEL RISE IN SOUTHERN CALIFORNIA. , 2016, , .		0
40	LATE HOLOCENE HYDROLOGIC VARIABILITY IN THE SOUTHEAST MOJAVE DESERT USING SEDIMENTS FROM FORD LAKE, CALIFORNIA. , 2017, , .		0
41	9,000 YEARS OF PALEOHYDROLOGICAL HISTORY INFERRED USING LACUSTRINE SEDIMENTS FROM MADDOX LAKE, CA. , 2020, , .		0
42	THE HOLOCENE CALIFORNIA PRECIPITATION DIPOLE TRACKED USING LAKE SEDIMENTS. , 2020, , .		0
43	12,500 YEARS OF HYDROLOGIC VARIABILITY RECORDED IN SEDIMENTS FROM TULE LAKE, CA. , 2020, , .		0
44	LATE GLACIAL TO EARLY HOLOCENE PALEOLIMNOLOGY INFERRED FROM BARLEY LAKE SEDIMENTS (NORTHERN COASTAL RANGES, CALIFORNIA). , 2020, , .		0
45	USING LAKE SEDIMENTS TO INFER LATE-GLACIAL HYDROLOGIC CONDITIONS OF PLUVIAL LAKE MOJAVE, CALIFORNIA. , 2020, , .		0
46	Documenting the Evolution of a Southern California Coastal Lagoon during the Late Holocene. Coasts, 2022, 2, 102-124.	0.9	0