

Emi Ito

List of Publications by Year in descending order

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90
papers

8,181
citations

57719

44
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54882

84
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90
docs citations

90
times ranked

6481
citing authors

#	ARTICLE	IF	CITATIONS
1	Physical Limnology and Sediment Dynamics of Lago Argentino, the World's Largest Ice-Contact Lake. <i>Journal of Geophysical Research F: Earth Surface</i> , 2022, 127, .	1.0	1
2	Semi-automated counting of complex varves through image autocorrelation. <i>Quaternary Research</i> , 2021, 104, 89-100.	1.0	4
3	Holocene climate recorded by magnetic properties of lake sediments in the Northern Rocky Mountains, USA. <i>Holocene</i> , 2020, 30, 479-484.	0.9	3
4	Ecological evolution of Lake Naivasha (central Rift Valley, Kenya) during the past 1650 years, as recorded by ostracod assemblages and stable-isotope geochemistry. <i>Quaternary Science Reviews</i> , 2019, 223, 105906.	1.4	6
5	Sedimentary, geochemical and hydrological history of Lake Kinneret during the past 28,000 years. <i>Quaternary Science Reviews</i> , 2019, 209, 114-128.	1.4	10
6	Holocene hydrologic and hydrochemical changes of the South Basin of Lake Manitoba, Canada, inferred from ostracode shell chemistry and autoecology. <i>Hydrobiologia</i> , 2017, 786, 97-124.	1.0	7
7	The contribution of Richard M. Forester to the knowledge of the paleohydrologic and paleoclimatic significance of Cenozoic non-marine Ostracoda. <i>Hydrobiologia</i> , 2017, 786, 1-4.	1.0	1
8	Holocene climate controls on water isotopic variations on the northeastern Tibetan Plateau. <i>Chemical Geology</i> , 2016, 440, 239-247.	1.4	29
9	NSF-OEDG Manoomin Science Camp Project: A Model for Engaging American Indian Students in Science, Technology, Engineering, and Mathematics. <i>Journal of Geoscience Education</i> , 2014, 62, 227-243.	0.8	23
10	Paleohydrology of Lake Kinneret during the Heinrich event H2. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 396, 183-193.	1.0	11
11	An expanded ostracod-based conductivity transfer function for climate reconstruction in the Levant. <i>Quaternary Science Reviews</i> , 2014, 93, 91-105.	1.4	35
12	Subfossil ostracode assemblages from Mongolia – Quantifying response for paleolimnological applications. <i>Ecological Indicators</i> , 2012, 14, 138-151.	2.6	11
13	Empirical calibration of shell chemistry of <i>Cyprideis torosa</i> (Jones, 1850) (Crustacea: Ostracoda). <i>Geochimica Et Cosmochimica Acta</i> , 2012, 93, 143-163.	1.6	44
14	Valve chemistry of <i>Limnocythere inopinata</i> (Ostracoda) in a cold arid environment – Implications for paleolimnological interpretation. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 306, 116-126.	1.0	21
15	A Climate Change Course for Undergraduate Students. <i>Journal of Geoscience Education</i> , 2011, 59, 229-241.	0.8	12
16	Revealing the last 13,500 years of environmental history from the multiproxy record of a mountain lake (Lago Enol, northern Iberian Peninsula). <i>Journal of Paleolimnology</i> , 2011, 46, 327-349.	0.8	104
17	Morphometric techniques allow environmental reconstructions from low-diversity continental ostracode assemblages. <i>Journal of Paleolimnology</i> , 2010, 44, 903-911.	0.8	15
18	Holocene millennial-scale climate variations documented by multiple lake-level proxies in sediment cores from Hurlig Lake, Northwest China. <i>Journal of Paleolimnology</i> , 2010, 44, 995-1008.	0.8	68

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19	The ecology of ostracodes (Ostracoda, Crustacea) in western Mongolia. <i>Hydrobiologia</i> , 2010, 641, 253-273.	1.0	41
20	A speleothem record of glacial (25â€“11.6 kyr BP) rapid climatic changes from northern Iberian Peninsula. <i>Global and Planetary Change</i> , 2010, 71, 218-231.	1.6	152
21	Modern hydrology and late Holocene history of Lake Karakul, eastern Pamirs (Tajikistan): A reconnaissance study. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 289, 10-24.	1.0	80
22	Holocene climate trend, variability, and shift documented by lacustrine stable-isotope record in the northeastern United States. <i>Quaternary Science Reviews</i> , 2010, 29, 1831-1843.	1.4	55
23	Negative correlations between Mg:Ca and total dissolved solids in lakes: False aridity signals and decoupling mechanism for paleohydrologic proxies. <i>Geology</i> , 2010, 38, 427-430.	2.0	13
24	Lateglacial and Holocene hydroclimate inferred from a groundwater flow-through lake, Northern Rocky Mountains, USA. <i>Holocene</i> , 2009, 19, 523-535.	0.9	31
25	Changes in continental ostracode shell chemistry; uncertainty of cause. <i>Hydrobiologia</i> , 2009, 620, 1-15.	1.0	44
26	Possible orographic and solar controls of Late Holocene centennialâ€“scale moisture oscillations in the northeastern Tibetan Plateau. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	40
27	Isotopic evolution and climate paleorecords: modeling boundary effects in groundwater-dominated lakes. <i>Journal of Paleolimnology</i> , 2008, 39, 17-33.	0.8	28
28	Holocene moisture evolution in arid central Asia and its out-of-phase relationship with Asian monsoon history. <i>Quaternary Science Reviews</i> , 2008, 27, 351-364.	1.4	967
29	Sensitive response of desert vegetation to moisture change based on a near-annual resolution pollen record from Gahai Lake in the Qaidam Basin, northwest China. <i>Global and Planetary Change</i> , 2008, 62, 107-114.	1.6	83
30	Hydrologic response of the Crow Wing Watershed, Minnesota, to mid-Holocene climate change. <i>Bulletin of the Geological Society of America</i> , 2007, 119, 363-376.	1.6	9
31	Oxygen Isotope Evidence for Chemical Interaction of Ki lauea Historical Magmas with Basement Rocks. <i>Journal of Petrology</i> , 2007, 49, 757-769.	1.1	26
32	Millennial-scale interhemispheric asymmetry of low-latitude precipitation: Speleothem evidence and possible high-latitude forcing. <i>Geophysical Monograph Series</i> , 2007, , 279-294.	0.1	9
33	Millennialâ€“scale precipitation changes in southern Brazil over the past 90,000 years. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	237
34	Holocene vegetation and climate history at Hurleg Lake in the Qaidam Basin, northwest China. <i>Review of Palaeobotany and Palynology</i> , 2007, 145, 275-288.	0.8	223
35	Groundwater-supported evapotranspiration within glaciated watersheds under conditions of climate change. <i>Journal of Hydrology</i> , 2006, 320, 484-500.	2.3	39
36	Interhemispheric anti-phasing of rainfall during the last glacial period. <i>Quaternary Science Reviews</i> , 2006, 25, 3391-3403.	1.4	242

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37	Timing of Atmospheric Precipitation in the Zagros Mountains Inferred from a Multi-Proxy Record from Lake Mirabad, Iran. <i>Quaternary Research</i> , 2006, 66, 494-500.	1.0	128
38	Authigenic calcium carbonate flux in groundwater-controlled lakes: Implications for lacustrine paleoclimate records. <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 2517-2533.	1.6	55
39	Stable isotope variations in modern tropical speleothems: Evaluating equilibrium vs. kinetic isotope effects. <i>Geochimica Et Cosmochimica Acta</i> , 2004, 68, 4381-4393.	1.6	218
40	Insights into operation of the subduction factory from the oxygen isotopic values of the southern Izu-Bonin-Mariana Arc. <i>Island Arc</i> , 2003, 12, 383-397.	0.5	14
41	Ostracodes and Their Shell Chemistry: Implications for Paleohydrologic and Paleoclimatologic Applications. <i>The Paleontological Society Papers</i> , 2003, 9, 119-152.	0.8	33
42	Application Of Stable Isotope Techniqueto Inorganic And Biogenic Carbonates. , 2002, , 351-371.		11
43	A 2100-year trace-element and stable-isotope record at decadal resolution from Rice Lake in the Northern Great Plains, USA. <i>Holocene</i> , 2002, 12, 605-617.	0.9	39
44	Mg/Ca, Sr/Ca, $\delta^{18}O$ and $\delta^{13}C$ chemistry of Quaternary lacustrine ostracode shells from the North American continental interior. <i>Geophysical Monograph Series</i> , 2002, , 267-278.	0.1	7
45	Techniques for collection and study of ostracoda. <i>Geophysical Monograph Series</i> , 2002, , 65-97.	0.1	25
46	Hydrogeochemical controls on the variations in chemical characteristics of natural organic matter at a small freshwater wetland. <i>Chemical Geology</i> , 2002, 187, 59-77.	1.4	67
47	Climate-driven hydrologic transients in lake sediment records: multiproxy record of mid-Holocene drought. <i>Quaternary Science Reviews</i> , 2002, 21, 625-646.	1.4	49
48	Climate-driven hydrologic transients in lake sediment records: calibration of groundwater conditions using 20th Century drought. <i>Quaternary Science Reviews</i> , 2002, 21, 605-624.	1.4	38
49	Mid-Holocene Hydrologic Model of the Shingobee Watershed, Minnesota. <i>Quaternary Research</i> , 2002, 58, 246-254.	1.0	25
50	Title is missing!. <i>Journal of Paleolimnology</i> , 2002, 28, 207-217.	0.8	27
51	National lacustrine core repository (LacCore). <i>Journal of Paleolimnology</i> , 2001, 25, 123-127.	0.8	15
52	Holocene stable-isotope stratigraphy at Lough Gur, County Limerick, Western Ireland. <i>Holocene</i> , 2001, 11, 367-372.	0.9	14
53	Pronounced climatic variations in Alaska during the last two millennia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 10552-10556.	3.3	137
54	Proposed changes in seasonality of climate during the Lateglacial and Holocene at Lake Zeribar, Iran. <i>Holocene</i> , 2001, 11, 747-755.	0.9	189

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55	Title is missing!. Journal of Paleolimnology, 2000, 24, 199-211.	0.8	28
56	Hydrologic Variation in the Northern Great Plains During the Last Two Millennia. Quaternary Research, 2000, 53, 175-184.	1.0	157
57	Possible solar forcing of century-scale drought frequency in the northern Great Plains. Geology, 1999, 27, 263.	2.0	182
58	Abrupt changes in North American climate during early Holocene times. Nature, 1999, 400, 437-440.	13.7	117
59	Ostracode Geochemical Record of Holocene Climatic Change and Implications for Vegetational Response in the Northwestern Alaska Range. Quaternary Research, 1998, 49, 86-95.	1.0	59
60	Glacial sea surface temperature reconstruction in the west pacific warm pool. Science Bulletin, 1998, 43, 89-89.	1.7	0
61	Isotopes as Indicators of Environmental Change. , 1998, , 761-816.		12
62	Crustal Contamination of Kilauea Volcano Magmas Revealed by Oxygen Isotope Analyses of Glass and Olivine from Puu Oo Eruption Lavas. Journal of Petrology, 1998, 39, 803-817.	1.1	82
63	Paleohydrology of Lake Victoria, East Africa, inferred from $^{18}\text{O}/^{16}\text{O}$ ratios in sediment cellulose. Geology, 1997, 25, 1083.	2.0	75
64	Ground-water processes controlling a prairie lake's response to middle Holocene drought. Geology, 1997, 25, 391.	2.0	61
65	Climatic effects of glacial Lake Agassiz in the midwestern United States during the last deglaciation. Geology, 1997, 25, 207.	2.0	38
66	Stable isotope record from Seneca Lake, New York: Evidence for a cold paleoclimate following the Younger Dryas. Geology, 1997, 25, 135.	2.0	52
67	Geochemistry of ostracode calcite: Part 1. An experimental determination of oxygen isotope fractionation. Geochimica Et Cosmochimica Acta, 1997, 61, 377-382.	1.6	135
68	Geochemistry of ostracode calcite: Part 2. The effects of water chemistry and seasonal temperature variation on <i>Candona rawsoni</i> . Geochimica Et Cosmochimica Acta, 1997, 61, 383-391.	1.6	125
69	Elevated and variable values of ^{13}C in speleothems in a British cave system. Chemical Geology, 1997, 136, 263-270.	1.4	226
70	Holocene Climate in the Northern Great Plains Inferred from Sediment Stratigraphy, Stable Isotopes, Carbonate Geochemistry, Diatoms, and Pollen at Moon Lake, North Dakota. Quaternary Research, 1997, 48, 359-369.	1.0	84
71	Title is missing!. Journal of Paleolimnology, 1997, 17, 85-100.	0.8	84
72	Oxygen isotope record of Late Glacial climatic change in western Ireland. Boreas, 1996, 25, 257-267.	1.2	31

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73	Magmatism, metamorphism, and deformation at Hemlo, Ontario, and the timing of Au-Mo mineralization in the Golden Giant Mine; reply. <i>Economic Geology</i> , 1995, 90, 1343-1344.	1.8	5
74	Oxygen and carbon isotope trends and sedimentological evolution of a meromictic and saline lacustrine system: the Holocene Medicine Lake basin, North American Great Plains, USA. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1995, 117, 253-278.	1.0	70
75	Magmatism, metamorphism and deformation at Hemlo, Ontario, and the timing of Au-Mo mineralization in the Golden Giant Mine. <i>Economic Geology</i> , 1994, 89, 720-756.	1.8	29
76	O, Sr, Nd and Pb isotopic composition of the Kasuga Cross-Chain in the Mariana Arc: A new perspective on the K-h relationship. <i>Earth and Planetary Science Letters</i> , 1993, 119, 459-475.	1.8	64
77	An evaluation of temporal geochemical evolution of Loihi Summit Lavas: Results from <i>Alvin</i> submersible dives. <i>Journal of Geophysical Research</i> , 1993, 98, 537-550.	3.3	106
78	Sea-Surface Temperature from Coral Skeletal Strontium/Calcium Ratios. <i>Science</i> , 1992, 257, 644-647.	6.0	677
79	Enriched back-arc basin basalts from the northern Mariana Trough: implications for the magmatic evolution of back-arc basins. <i>Earth and Planetary Science Letters</i> , 1990, 100, 210-225.	1.8	180
80	Shoshonitic magmas in nascent arcs: New evidence from submarine volcanoes in the northern Marianas. <i>Geology</i> , 1988, 16, 426.	2.0	81
81	The O, Sr, Nd and Pb isotope geochemistry of MORB. <i>Chemical Geology</i> , 1987, 62, 157-176.	1.4	594
82	Oxygen- and strontium-isotopic investigations of subduction zone volcanism: the case of the Volcano Arc and the Marianas Island Arc. <i>Earth and Planetary Science Letters</i> , 1986, 76, 312-320.	1.8	81
83	K, U and Th in mid-ocean ridge basalt glasses and heat production, K/U and K/Rb in the mantle. <i>Nature</i> , 1983, 306, 431-436.	13.7	390
84	Submarine metamorphism of gabbros from the Mid-Cayman Rise: Petrographic and mineralogic constraints on hydrothermal processes at slow-spreading ridges. <i>Contributions To Mineralogy and Petrology</i> , 1983, 82, 371-388.	1.2	104
85	Trace-element and isotopic constraints on the source of magmas in the active volcano and Mariana island arcs, Western Pacific. <i>Journal of Volcanology and Geothermal Research</i> , 1983, 18, 461-482.	0.8	70
86	Alteration of oceanic crust and geologic cycling of chlorine and water. <i>Geochimica Et Cosmochimica Acta</i> , 1983, 47, 1613-1624.	1.6	279
87	Submarine metamorphism of gabbros from the Mid-Cayman rise: An oxygen isotopic study. <i>Geochimica Et Cosmochimica Acta</i> , 1983, 47, 535-546.	1.6	76
88	Isotope geochemists meet in Japan. <i>Eos</i> , 1982, 63, 1348.	0.1	0
89	Deep Drilling at the Dead Sea. <i>Scientific Drilling</i> , 0, 11, 46-47.	1.0	11
90	Late Holocene hydroclimatic history of the Galilee Mountains from sedimentary records of the Sea of Galilee, Israel. <i>Quaternary Research</i> , 0, , 1-16.	1.0	1