

Moriaki Yasuhara

List of Publications by Year in descending order

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Version: 2024-02-01

102
papers

5,105
citations

147801

31
h-index

98798

67
g-index

104
all docs

104
docs citations

104
times ranked

6057
citing authors

#	ARTICLE	IF	CITATIONS
1	Declining oxygen in the global ocean and coastal waters. <i>Science</i> , 2018, 359, .	12.6	1,707
2	Major impacts of climate change on deep-sea benthic ecosystems. <i>Elementa</i> , 2017, 5, .	3.2	252
3	Biotic and Human Vulnerability to Projected Changes in Ocean Biogeochemistry over the 21st Century. <i>PLoS Biology</i> , 2013, 11, e1001682.	5.6	194
4	Ecological variables for developing a global deep-ocean monitoring and conservation strategy. <i>Nature Ecology and Evolution</i> , 2020, 4, 181-192.	7.8	142
5	Quantifying sample completeness and comparing diversities among assemblages. <i>Ecological Research</i> , 2020, 35, 292-314.	1.5	141
6	Reefs of tomorrow: eutrophication reduces coral biodiversity in an urbanized seascape. <i>Global Change Biology</i> , 2016, 22, 3550-3565.	9.5	133
7	Temperature impacts on deep-sea biodiversity. <i>Biological Reviews</i> , 2016, 91, 275-287.	10.4	113
8	Abrupt climate change and collapse of deep-sea ecosystems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 1556-1560.	7.1	112
9	Marine and brackish-water ostracods as sentinels of anthropogenic impacts. <i>Earth-Science Reviews</i> , 2005, 72, 89-111.	9.1	93
10	Temporal latitudinal-gradient dynamics and tropical instability of deep-sea species diversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 21717-21720.	7.1	88
11	Human-induced marine ecological degradation: micropaleontological perspectives. <i>Ecology and Evolution</i> , 2012, 2, 3242-3268.	1.9	88
12	Latitudinal species diversity gradient of marine zooplankton for the last three million years. <i>Ecology Letters</i> , 2012, 15, 1174-1179.	6.4	85
13	Patterns, processes and vulnerability of Southern Ocean benthos: a decadal leap in knowledge and understanding. <i>Marine Biology</i> , 2013, 160, 2295-2317.	1.5	79
14	Combining marine macroecology and palaeoecology in understanding biodiversity: microfossils as a model. <i>Biological Reviews</i> , 2017, 92, 199-215.	10.4	76
15	Past and future decline of tropical pelagic biodiversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 12891-12896.	7.1	67
16	Impact of eutrophication on shallow marine benthic foraminifers over the last 150 years in Osaka Bay, Japan. <i>Marine Micropaleontology</i> , 2006, 60, 258-268.	1.2	66
17	Climate change considerations are fundamental to management of deep-sea resource extraction. <i>Global Change Biology</i> , 2020, 26, 4664-4678.	9.5	65
18	The impact of 150 years of anthropogenic pollution on the shallow marine ostracode fauna, Osaka Bay, Japan. <i>Marine Micropaleontology</i> , 2005, 55, 63-74.	1.2	63

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19	CLIMATIC INFLUENCES ON DEEP-SEA OSTRACODE (CRUSTACEA) DIVERSITY FOR THE LAST THREE MILLION YEARS. <i>Ecology</i> , 2008, 89, 553-65.	3.2	60
20	Climatic forcing of Quaternary deep-sea benthic communities in the North Pacific Ocean. <i>Paleobiology</i> , 2012, 38, 162-179.	2.0	60
21	System controls of coastal and open ocean oxygen depletion. <i>Progress in Oceanography</i> , 2021, 197, 102613.	3.2	59
22	TAXONOMY OF QUATERNARY DEEP-SEA OSTRACODS FROM THE WESTERN NORTH ATLANTIC OCEAN. <i>Palaeontology</i> , 2009, 52, 879-931.	2.2	55
23	The effect of long-term spatiotemporal variations in urbanization-induced eutrophication on a benthic ecosystem, Osaka Bay, Japan. <i>Limnology and Oceanography</i> , 2007, 52, 1633-1644.	3.1	51
24	Response of deep-sea biodiversity to abrupt deglacial and Holocene climate changes in the North Atlantic Ocean. <i>Global Ecology and Biogeography</i> , 2014, 23, 957-967.	5.8	47
25	Development of modern benthic ecosystems in eutrophic coastal oceans: The foraminiferal record over the last 200 years, Osaka Bay, Japan. <i>Marine Micropaleontology</i> , 2008, 69, 225-239.	1.2	42
26	Event: A global trait database for deep-sea hydrothermal vent fauna. <i>Global Ecology and Biogeography</i> , 2019, 28, 1538-1551.	5.8	42
27	Patterns and controlling factors of species diversity in the Arctic Ocean. <i>Journal of Biogeography</i> , 2012, 39, 2081-2088.	3.0	41
28	Temporal changes of ostracode assemblages and anthropogenic pollution during the last 100 years, in sediment cores from Hiroshima Bay, Japan. <i>Holocene</i> , 2003, 13, 527-536.	1.7	37
29	Cenozoic dynamics of shallow-marine biodiversity in the Western Pacific. <i>Journal of Biogeography</i> , 2017, 44, 567-578.	3.0	37
30	Biodiversity-ecosystem functioning relationships in long-term time series and palaeoecological records: deep sea as a test bed. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150282.	4.0	35
31	Climatic forcing of quaternary deep-sea benthic communities in the North Pacific Ocean. <i>Paleobiology</i> , 2012, 38, 162-179.	2.0	35
32	Methods for the Study of Marine Biodiversity. , 2017, , 129-163.		34
33	An Arctic and Subarctic ostracode database: biogeographic and paleoceanographic applications. <i>Hydrobiologia</i> , 2017, 786, 59-95.	2.0	33
34	Benthic foraminiferal assemblages in Osaka Bay, southwestern Japan: faunal changes over the last 50 years. <i>Paleontological Research</i> , 2006, 10, 141-161.	1.0	31
35	Coral reef diversity losses in China's Greater Bay Area were driven by regional stressors. <i>Science Advances</i> , 2020, 6, .	10.3	31
36	Deep-sea ostracods from the South Atlantic sector of the Southern Ocean during the last 370,000 years. <i>Journal of Paleontology</i> , 2009, 83, 914-930.	0.8	30

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37	Reconstruction of the Holocene seismic history of a seabed fault using relative sea-level curves reconstructed by ostracode assemblages: Case study on the Median Tectonic Line in Iyo-nada Bay, western Japan. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2005, 222, 285-312.	2.3	29
38	Global distribution of coral diversity: Biodiversity knowledge gradients related to spatial resolution. <i>Ecological Research</i> , 2020, 35, 315-326.	1.5	29
39	Holocene relative sea-level change in Hiroshima Bay, Japan: a semi-quantitative reconstruction based on ostracodes. <i>Paleontological Research</i> , 2006, 10, 99-116.	1.0	28
40	Time Machine Biology: Cross-Timescale Integration of Ecology, Evolution, and Oceanography. <i>Oceanography</i> , 2020, 33, .	1.0	28
41	Taxonomic revision of deep-sea Ostracoda from the Arctic Ocean. <i>Micropaleontology</i> , 2014, 60, 399-444.	1.0	27
42	A global horizon scan of issues impacting marine and coastal biodiversity conservation. <i>Nature Ecology and Evolution</i> , 2022, 6, 1262-1270.	7.8	27
43	A Global Ocean Oxygen Database and Atlas for Assessing and Predicting Deoxygenation and Ocean Health in the Open and Coastal Ocean. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	26
44	Holocene sea-level changes in Osaka Bay, western Japan: Ostracode evidence in a drilling core from the southern Osaka Plain.. <i>Journal of the Geological Society of Japan</i> , 2002, 108, 633-643.	0.6	24
45	North Atlantic Gateway: Test bed of deep-sea macroecological patterns. <i>Journal of Biogeography</i> , 2019, 46, 2056-2066.	3.0	22
46	Deep-sea Benthic Ostracodes from Multiple Core and Epibenthic Sledge Samples in Icelandic Waters. <i>Polish Polar Research</i> , 2014, 35, 341-360.	0.9	21
47	Factors controlling typhoons and storm rain on the Korean Peninsula during the Little Ice Age. <i>Journal of Paleolimnology</i> , 2016, 55, 35-48.	1.6	21
48	Roles of climate niche conservatism and range dynamics in woody plant diversity patterns through the Cenozoic. <i>Global Ecology and Biogeography</i> , 2018, 27, 865-874.	5.8	21
49	Abyssal ostracods from the South and Equatorial Atlantic Ocean: Biological and paleoceanographic implications. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2008, 55, 490-497.	1.4	20
50	Baseline for ostracod-based northwestern Pacific and Indo-Pacific shallow-marine paleoenvironmental reconstructions: ecological modeling of species distributions. <i>Biogeosciences</i> , 2019, 16, 585-604.	3.3	19
51	Paleobiology provides glimpses of future ocean. <i>Science</i> , 2022, 375, 25-26.	12.6	19
52	Late Quaternary deep-sea ostracod taxonomy of the eastern North Atlantic Ocean. <i>Journal of Micropalaeontology</i> , 2015, 34, 21-49.	3.6	18
53	Benthic Biotic Response to Climate Changes Over the Last 700,000 Years in a Deep Marginal Sea: Impacts of Deoxygenation and the Mid-Brunhes Event. <i>Paleoceanography and Paleoclimatology</i> , 2018, 33, 766-777.	2.9	18
54	Holocene ostracode paleobiogeography in Osaka Bay, southwestern Japan. <i>Marine Micropaleontology</i> , 2004, 53, 11-36.	1.2	16

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55	Modern benthic ostracodes from Lutzow-Holm Bay, East Antarctica: paleoceanographic, paleobiogeographic, and evolutionary significance. <i>Micropaleontology</i> , 2007, 53, 469-496.	1.0	16
56	Freshwater reservoir construction by damming a marine inlet in Hong Kong: Paleoeological evidence of local community change. <i>Marine Micropaleontology</i> , 2017, 132, 53-59.	1.2	16
57	Marine latitudinal diversity gradients, niche conservatism and out of the tropics and Arctic: Climatic sensitivity of small organisms. <i>Journal of Biogeography</i> , 2020, 47, 817-828.	3.0	16
58	Quaternary deep-sea ostracode taxonomy of Ocean Drilling Program Site 980, eastern North Atlantic Ocean. <i>Journal of Paleontology</i> , 2014, 88, 770-785.	0.8	14
59	Deglacialâ€“Holocene Svalbard paleoceanography and evidence of meltwater pulse 1B. <i>Quaternary Science Reviews</i> , 2020, 233, 106237.	3.0	14
60	Challenging deep-sea cosmopolitanism: taxonomic re-evaluation and biogeography of <i>Cythere dasyderma</i> Brady, 1880 (Ostracoda). <i>Journal of Micropalaeontology</i> , 2013, 32, 109-122.	3.6	13
61	Seabird establishment during regional cooling drove a terrestrial ecosystem shift 5000 years ago. <i>Science Advances</i> , 2020, 6, .	10.3	12
62	Causal analysis of the temperature impact on deep-sea biodiversity. <i>Biology Letters</i> , 2021, 17, 20200666.	2.3	12
63	Observations, indicators and scenarios of biodiversity and ecosystem services change â€” a framework to support policy and decision-making. <i>Current Opinion in Environmental Sustainability</i> , 2017, 29, 198-206.	6.3	11
64	Biogeographic distributions of Cytheropteron species (Ostracoda) in Icelandic waters (sub-polar) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	1.0	11
65	Holocene ostracod palaeobiogeography of the Seto Inland Sea, Japan: impact of opening of the strait. <i>Journal of Micropalaeontology</i> , 2008, 27, 111-116.	3.6	10
66	Intermediate-water dynamics and ocean ventilation effects on the Indonesian Throughflow during the past 15,000 years: Ostracod evidence. <i>Geology</i> , 2018, 46, 567-570.	4.4	10
67	Deep-sea ostracod faunal dynamics in a marginal sea: biotic response to oxygen variability and mid-Pleistocene global changes. <i>Paleobiology</i> , 2019, 45, 85-97.	2.0	10
68	Eocene shallow-marine ostracods from Madagascar: southern end of the Tethys?. <i>Journal of Systematic Palaeontology</i> , 2019, 17, 705-757.	1.5	10
69	Ecosystem turnover in an urbanized subtropical seascape driven by climate and pollution. <i>Anthropocene</i> , 2021, 36, 100304.	3.3	10
70	A fossil record of developmental events: variation and evolution in epidermal cell divisions in ostracodes. <i>Evolution & Development</i> , 2010, 12, 635-646.	2.0	9
71	Decadalâ€“to Centennialâ€“Scale East Asian Summer Monsoon Variability Over the Past Millennium: An Oceanic Perspective. <i>Geophysical Research Letters</i> , 2018, 45, 7711-7718.	4.0	9
72	North Atlantic intermediate water variability over the past 20,000 years. <i>Geology</i> , 2019, 47, 659-663.	4.4	9

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73	Neogene marine ostracod diversity and faunal composition in Java, Indonesia: Indo-Australian Archipelago biodiversity hotspot and the Pliocene diversity jump. <i>Journal of Crustacean Biology</i> , 2019, 39, 244-252.	0.8	9
74	Quaternary deep-sea ostracods from the north-western Pacific Ocean: global biogeography and Drake-Passage, Tethyan, Central American and Arctic pathways. <i>Journal of Systematic Palaeontology</i> , 2019, 17, 91-110.	1.5	9
75	The ostracod genus <i>Trachyleberis</i> (Crustacea; Ostracoda) and its type species. <i>Marine Biodiversity</i> , 2013, 43, 363-405.	1.0	8
76	Benthic community history in the Changjiang (Yangtze River) mega-delta: Damming, urbanization, and environmental control. <i>Paleobiology</i> , 2019, 45, 469-483.	2.0	8
77	Early Miocene marine ostracodes from southwestern India: implications for their biogeography and the closure of the Tethyan Seaway. <i>Journal of Paleontology</i> , 2020, 94, 1-36.	0.8	8
78	Cold-seep ostracods from the western Svalbard margin: direct palaeo-indicator for methane seepage?. <i>Journal of Micropalaeontology</i> , 2018, 37, 139-148.	3.6	8
79	Taxonomy of Deep-sea Trachyleberidid, Thaerocytherid, and Hemicytherid Genera (Ostracoda). <i>Smithsonian Contributions To Paleobiology</i> , 2015, , iv-216.	1.0	8
80	A New Deep-Sea Hydrothermal Vent Species of Ostracoda (Crustacea) from the Western Pacific: Implications for Adaptation, Endemism, and Dispersal of Ostracodes in Chemosynthetic Systems. <i>Zoological Science</i> , 2016, 33, 555-565.	0.7	7
81	Vertical distribution of living ostracods in deep-sea sediments, North Atlantic Ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2017, 122, 113-121.	1.4	7
82	Response of subtropical submarine-cave ecosystem to Holocene cave development and Asian monsoon variability. <i>Paleobiology</i> , 2017, 43, 425-434.	2.0	7
83	Species and Functional Diversity of Deep-Sea Nematodes in a High Energy Submarine Canyon. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	7
84	The "Oxycytheris" problem: taxonomy and palaeobiogeography of deep-sea ostracod genera <i>Pennella</i> and <i>Rugocytheris</i> . <i>Palaeontology</i> , 2013, 56, 1045-1080.	2.2	6
85	A paleobathymetric transition during the mid-Pliocene warm period: Ostracode evidence from Japan. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 399, 173-186.	2.3	6
86	An enigmatic Holocene podocopid ostracod from a submarine cave, Okinawa, Japan: "living fossil" or adaptive morphotype?. <i>Journal of Systematic Palaeontology</i> , 2016, 14, 643-652.	1.5	6
87	The succession of diatom assemblages and anthropogenically-induced environmental changes over the last 120 years, Osaka Bay, Japan. <i>The Quaternary Research</i> , 2008, 47, 287-296.	0.1	6
88	Ostracods in databases: State of the art, mobilization and future applications. <i>Marine Micropaleontology</i> , 2022, 174, 102094.	1.2	6
89	Reply to: Ecological variables for deep-ocean monitoring must include microbiota and meiofauna for effective conservation. <i>Nature Ecology and Evolution</i> , 2021, 5, 30-31.	7.8	5
90	Ostracod response to monsoon and OMZ variability over the past 1.2 Myr. <i>Marine Micropaleontology</i> , 2022, 174, 102105.	1.2	5

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91	Xylocythere sarrazinae, a new cytherurid ostracod (Crustacea) from a hydrothermal vent field on the Juan de Fuca Ridge, northeast Pacific Ocean, and its phylogenetic position within Cytheroidea. <i>Marine Biodiversity</i> , 2019, 49, 2571-2586.	1.0	4
92	Benthic ostracod diversity and biogeography in an urbanized seascape. <i>Marine Micropaleontology</i> , 2022, 174, 102067.	1.2	4
93	Past emergent phase of Shatsky Rise deep-marine igneous plateau. <i>Scientific Reports</i> , 2017, 7, 15423.	3.3	3
94	Ostracod eye size: A taxonomy-free indicator of the Paleocene-Eocene Thermal Maximum sea level. <i>Marine Micropaleontology</i> , 2022, 174, 101994.	1.2	3
95	An evaluation of cleaning methods, preservation and specimen stages on trace elements in modern shallow marine ostracod shells of <i>Sinocytheridea impressa</i> and their implications as proxies. <i>Chemical Geology</i> , 2021, 579, 120316.	3.3	3
96	Shallow marine ecosystem collapse and recovery during the Paleocene-Eocene Thermal Maximum. <i>Global and Planetary Change</i> , 2021, 207, 103649.	3.5	3
97	First bryozoan fauna from the middle Miocene of Central Java, Indonesia. <i>Alcheringa</i> , 2019, 43, 461-478.	1.2	2
98	Quaternary equatorial Atlantic deep-sea ostracodes: evidence for a distinct tropical fauna in the deep sea. <i>Journal of Paleontology</i> , 0, , 1-41.	0.8	2
99	Errata Taxonomy of Deep-sea Trachyleberidid, Thaerocytherid, and Hemicytherid Genera (Ostracoda). <i>Smithsonian Contributions To Paleobiology</i> , 2015, , 2.	1.0	2
100	Environmental changes during the last 150 years in Osaka Bay, Japan: Historical record of eutrophication based on microfossil assemblages. <i>The Quaternary Research</i> , 2008, 47, 273-285.	0.1	1
101	Macroecology, macroevolution, and paleoecology of Ostracoda. <i>Marine Micropaleontology</i> , 2022, , 102132.	1.2	0
102	Ostracods reveal the palaeoenvironmental changes in Laizhou Bay, Bohai Sea (eastern China) since the Late Pleistocene. <i>Marine Micropaleontology</i> , 2022, 175, 102150.	1.2	0