Moriaki Yasuhara

List of Publications by Year
in descending order

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102	5,105	147726	98753
papers	citations	31 h-index	67 g-index

104	104	104	6057
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Declining oxygen in the global ocean and coastal waters. Science, 2018, 359, .	6.0	1,707
2	Major impacts of climate change on deep-sea benthic ecosystems. Elementa, 2017, 5, .	1.1	252
3	Biotic and Human Vulnerability to Projected Changes in Ocean Biogeochemistry over the 21st Century. PLoS Biology, 2013, 11, e1001682.	2.6	194
4	Ecological variables for developing a global deep-ocean monitoring and conservation strategy. Nature Ecology and Evolution, 2020, 4, 181-192.	3.4	142
5	Quantifying sample completeness and comparing diversities among assemblages. Ecological Research, 2020, 35, 292-314.	0.7	141
6	Reefs of tomorrow: eutrophication reduces coral biodiversity in an urbanized seascape. Global Change Biology, 2016, 22, 3550-3565.	4.2	133
7	Temperature impacts on deepâ€sea biodiversity. Biological Reviews, 2016, 91, 275-287.	4.7	113
8	Abrupt climate change and collapse of deep-sea ecosystems. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 1556-1560.	3.3	112
9	Marine and brackish-water ostracods as sentinels of anthropogenic impacts. Earth-Science Reviews, 2005, 72, 89-111.	4.0	93
10	Temporal latitudinal-gradient dynamics and tropical instability of deep-sea species diversity. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 21717-21720.	3.3	88
11	Humanâ€induced marine ecological degradation: micropaleontological perspectives. Ecology and Evolution, 2012, 2, 3242-3268.	0.8	88
12	Latitudinal species diversity gradient of marine zooplankton for the last three million years. Ecology Letters, 2012, 15, 1174-1179.	3.0	85
13	Patterns, processes and vulnerability of Southern Ocean benthos: a decadal leap in knowledge and understanding. Marine Biology, 2013, 160, 2295-2317.	0.7	79
14	Combining marine macroecology and palaeoecology in understanding biodiversity: microfossils as a model. Biological Reviews, 2017, 92, 199-215.	4.7	76
15	Past and future decline of tropical pelagic biodiversity. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 12891-12896.	3.3	67
16	Impact of eutrophication on shallow marine benthic foraminifers over the last 150Âyears in Osaka Bay, Japan. Marine Micropaleontology, 2006, 60, 258-268.	0.5	66
17	Climate change considerations are fundamental to management of deepâ€sea resource extraction. Global Change Biology, 2020, 26, 4664-4678.	4.2	65
18	The impact of 150 years of anthropogenic pollution on the shallow marine ostracode fauna, Osaka Bay, Japan. Marine Micropaleontology, 2005, 55, 63-74.	0.5	63

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19	CLIMATIC INFLUENCES ON DEEPâ€SEA OSTRACODE (CRUSTACEA) DIVERSITY FOR THE LAST THREE MILLION YEARS. Ecology, 2008, 89, S53-65.	1.5	60
20	Climatic forcing of Quaternary deep-sea benthic communities in the North Pacific Ocean. Paleobiology, 2012, 38, 162-179.	1.3	60
21	System controls of coastal and open ocean oxygen depletion. Progress in Oceanography, 2021, 197, 102613.	1.5	59
22	TAXONOMY OF QUATERNARY DEEPâ€SEA OSTRACODS FROM THE WESTERN NORTH ATLANTIC OCEAN. Palaeontology, 2009, 52, 879-931.	1.0	55
23	The effect of longâ€term spatiotemporal variations in urbanizationâ€induced eutrophication on a benthic ecosystem, Osaka Bay, Japan. Limnology and Oceanography, 2007, 52, 1633-1644.	1.6	51
24	Response of deepâ€sea biodiversity to abrupt deglacial and <scp>H</scp>olocene climate changes in the <scp>N</scp>orth <scp>A</scp>tlantic <scp>O</scp>cean. Global Ecology and Biogeography, 2014, 23, 957-967.	2.7	47
25	Development of modern benthic ecosystems in eutrophic coastal oceans: The foraminiferal record over the last 200Âyears, Osaka Bay, Japan. Marine Micropaleontology, 2008, 69, 225-239.	0.5	42
26	sFDvent: A global trait database for deepâ€sea hydrothermalâ€vent fauna. Global Ecology and Biogeography, 2019, 28, 1538-1551.	2.7	42
27	Patterns and controlling factors of species diversity in the Arctic Ocean. Journal of Biogeography, 2012, 39, 2081-2088.	1.4	41
28	Temporal changes of ostracode assemblages and anthropogenic pollution during the last 100 years, in sediment cores from Hiroshima Bay, Japan. Holocene, 2003, 13, 527-536.	0.9	37
29	Cenozoic dynamics of shallowâ€marine biodiversity in the Western Pacific. Journal of Biogeography, 2017, 44, 567-578.	1.4	37
30	Biodiversityâ€“ecosystem functioning relationships in long-term time series and palaeoecological records: deep sea as a test bed. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150282.	1.8	35
31	Climatic forcing of quaternary deep-sea benthic communities in the North Pacific Ocean. Paleobiology, 2012, 38, 162-179.	1.3	35
32	Methods for the Study of Marine Biodiversity. , 2017, , 129-163.		34
33	An Arctic and Subarctic ostracode database: biogeographic and paleoceanographic applications. Hydrobiologia, 2017, 786, 59-95.	1.0	33
34	Benthic foraminiferal assemblages in Osaka Bay, southwestern Japan: faunal changes over the last 50 years. Paleontological Research, 2006, 10, 141-161.	0.5	31
35	Coral reef diversity losses in Chinaâ€™s Greater Bay Area were driven by regional stressors. Science Advances, 2020, 6, .	4.7	31
36	Deep-sea ostracods from the South Atlantic sector of the Southern Ocean during the last 370,000 years. Journal of Paleontology, 2009, 83, 914-930.	0.5	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. Palaeogeography, Palaeoclimatology, Palaeoecology, 2005, 222, 285-312.	1.0	29
38	Global distribution of coral diversity: Biodiversity knowledge gradients related to spatial resolution. Ecological Research, 2020, 35, 315-326.	0.7	29
39	Holocene relative sea-level change in Hiroshima Bay, Japan: a semi-quantitative reconstruction based on ostracodes. Paleontological Research, 2006, 10, 99-116.	0.5	28
40	Time Machine Biology: Cross-Timescale Integration of Ecology, Evolution, and Oceanography. Oceanography, 2020, 33, .	0.5	28
41	Taxonomic revision of deep-sea Ostracoda from the Arctic Ocean. Micropaleontology, 2014, 60, 399-444.	0.3	27
42	A global horizon scan of issues impacting marine and coastal biodiversity conservation. Nature Ecology and Evolution, 2022, 6, 1262-1270.	3.4	27
43	A Global Ocean Oxygen Database and Atlas for Assessing and Predicting Deoxygenation and Ocean Health in the Open and Coastal Ocean. Frontiers in Marine Science, 2021, 8, .	1.2	26
44	Holocene sea-level changes in Osaka Bay, western Japan: Ostracode evidence in a drilling core from the southern Osaka Plain.. Journal of the Geological Society of Japan, 2002, 108, 633-643.	0.2	24
45	North Atlantic Gateway: Test bed of deepâ€sea macroecological patterns. Journal of Biogeography, 2019, 46, 2056-2066.	1.4	22
46	Deep-sea Benthic Ostracodes from Multiple Core and Epibenthic Sledge Samples in Icelandic Waters. Polish Polar Research, 2014, 35, 341-360.	0.9	21
47	Factors controlling typhoons and storm rain on the Korean Peninsula during the Little Ice Age. Journal of Paleolimnology, 2016, 55, 35-48.	0.8	21
48	Roles of climate niche conservatism and range dynamics in woody plant diversity patterns through the Cenozoic. Global Ecology and Biogeography, 2018, 27, 865-874.	2.7	21
49	Abyssal ostracods from the South and Equatorial Atlantic Ocean: Biological and paleoceanographic implications. Deep-Sea Research Part I: Oceanographic Research Papers, 2008, 55, 490-497.	0.6	20
50	Baseline for ostracod-based northwestern Pacific and Indo-Pacific shallow-marine paleoenvironmental reconstructions: ecological modeling of species distributions. Biogeosciences, 2019, 16, 585-604.	1.3	19
51	Paleobiology provides glimpses of future ocean. Science, 2022, 375, 25-26.	6.0	19
52	Late Quaternary deep-sea ostracod taxonomy of the eastern North Atlantic Ocean. Journal of Micropalaeontology, 2015, 34, 21-49.	1.3	18
53	Benthic Biotic Response to Climate Changes Over the Last 700,000ÂYears in a Deep Marginal Sea: Impacts of Deoxygenation and the Midâ€Brunhes Event. Paleoceanography and Paleoclimatology, 2018, 33, 766-777.	1.3	18
54	Holocene ostracode paleobiogeography in Osaka Bay, southwestern Japan. Marine Micropaleontology, 2004, 53, 11-36.	0.5	16

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55	Modern benthic ostracodes from Lutzow-Holm Bay, East Antarctica: paleoceanographic, paleobiogeographic, and evolutionary significance. Micropaleontology, 2007, 53, 469-496.	0.3	16
56	Freshwater reservoir construction by damming a marine inlet in Hong Kong: Paleoecological evidence of local community change. Marine Micropaleontology, 2017, 132, 53-59.	0.5	16
57	Marine latitudinal diversity gradients, niche conservatism and out of the tropics and Arctic: Climatic sensitivity of small organisms. Journal of Biogeography, 2020, 47, 817-828.	1.4	16
58	Quaternary deep-sea ostracode taxonomy of Ocean Drilling Program Site 980, eastern North Atlantic Ocean. Journal of Paleontology, 2014, 88, 770-785.	0.5	14
59	Deglacialâ€“Holocene Svalbard paleoceanography and evidence of meltwater pulse 1B. Quaternary Science Reviews, 2020, 233, 106237.	1.4	14
60	Challenging deep-sea cosmopolitanism: taxonomic re-evaluation and biogeography of â€˜<i>Cythere dasyderma</i> Brady, 1880â€™ (Ostracoda). Journal of Micropalaeontology, 2013, 32, 109-122.	1.3	13
61	Seabird establishment during regional cooling drove a terrestrial ecosystem shift 5000 years ago. Science Advances, 2020, 6, .	4.7	12
62	Causal analysis of the temperature impact on deep-sea biodiversity. Biology Letters, 2021, 17, 20200666.	1.0	12
63	Observations, indicators and scenarios of biodiversity and ecosystem services change â€” a framework to support policy and decision-making. Current Opinion in Environmental Sustainability, 2017, 29, 198-206.	3.1	11
64	Biogeographic distributions of Cytheropteron species (Ostracoda) in Icelandic waters (sub-polar) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	0.3	11
65	Holocene ostracod palaeobiogeography of the Seto Inland Sea, Japan: impact of opening of the strait. Journal of Micropalaeontology, 2008, 27, 111-116.	1.3	10
66	Intermediate-water dynamics and ocean ventilation effects on the Indonesian Throughflow during the past 15,000 years: Ostracod evidence. Geology, 2018, 46, 567-570.	2.0	10
67	Deep-sea ostracod faunal dynamics in a marginal sea: biotic response to oxygen variability and mid-Pleistocene global changes. Paleobiology, 2019, 45, 85-97.	1.3	10
68	Eocene shallow-marine ostracods from Madagascar: southern end of the Tethys?. Journal of Systematic Palaeontology, 2019, 17, 705-757.	0.6	10
69	Ecosystem turnover in an urbanized subtropical seascape driven by climate and pollution. Anthropocene, 2021, 36, 100304.	1.6	10
70	A fossil record of developmental events: variation and evolution in epidermal cell divisions in ostracodes. Evolution & Development, 2010, 12, 635-646.	1.1	9
71	Decadalâ€to Centennialâ€Scale East Asian Summer Monsoon Variability Over the Past Millennium: An Oceanic Perspective. Geophysical Research Letters, 2018, 45, 7711-7718.	1.5	9
72	North Atlantic intermediate water variability over the past 20,000 years. Geology, 2019, 47, 659-663.	2.0	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. Journal of Crustacean Biology, 2019, 39, 244-252.	0.3	9
74	Quaternary deep-sea ostracods from the north-western Pacific Ocean: global biogeography and Drake-Passage, Tethyan, Central American and Arctic pathways. Journal of Systematic Palaeontology, 2019, 17, 91-110.	0.6	9
75	The ostracod genus Trachyleberis (Crustacea; Ostracoda) and its type species. Marine Biodiversity, 2013, 43, 363-405.	0.3	8
76	Benthic community history in the Changjiang (Yangtze River) mega-delta: Damming, urbanization, and environmental control. Paleobiology, 2019, 45, 469-483.	1.3	8
77	Early Miocene marine ostracodes from southwestern India: implications for their biogeography and the closure of the Tethyan Seaway. Journal of Paleontology, 2020, 94, 1-36.	0.5	8
78	Cold-seep ostracods from the western Svalbard margin: direct palaeo-indicator for methane seepage?. Journal of Micropalaeontology, 2018, 37, 139-148.	1.3	8
79	Taxonomy of Deep-sea Trachyleberidid, Thaerocytherid, and Hemicytherid Genera (Ostracoda). Smithsonian Contributions To Paleobiology, 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. Zoological Science, 2016, 33, 555-565.	0.3	7
81	Vertical distribution of living ostracods in deep-sea sediments, North Atlantic Ocean. Deep-Sea Research Part I: Oceanographic Research Papers, 2017, 122, 113-121.	0.6	7
82	Response of subtropical submarine-cave ecosystem to Holocene cave development and Asian monsoon variability. Paleobiology, 2017, 43, 425-434.	1.3	7
83	Species and Functional Diversity of Deep-Sea Nematodes in a High Energy Submarine Canyon. Frontiers in Marine Science, 2020, 7, .	1.2	7
84	The â€˜<scp>O</scp>xycythereisâ€™ problem: taxonomy and palaeobiogeography of deepâ€sea ostracod genera <scp>P</scp>ennyella and <scp>R</scp>ugocythereis. Palaeontology, 2013, 56, 1045-1080.	1.0	6
85	A paleobathymetric transition during the mid-Pliocene warm period: Ostracode evidence from Japan. Palaeogeography, Palaeoclimatology, Palaeoecology, 2014, 399, 173-186.	1.0	6
86	An enigmatic Holocene podocopid ostracod from a submarine cave, Okinawa, Japan: â€˜living fossilâ€™ or adaptive morphotype?. Journal of Systematic Palaeontology, 2016, 14, 643-652.	0.6	6
87	The succession of diatom assemblages and anthropogenically-induced environmental changes over the last 120 years, Osaka Bay, Japan. The Quaternary Research, 2008, 47, 287-296.	0.2	6
88	Ostracods in databases: State of the art, mobilization and future applications. Marine Micropaleontology, 2022, 174, 102094.	0.5	6
89	Reply to: Ecological variables for deep-ocean monitoring must include microbiota and meiofauna for effective conservation. Nature Ecology and Evolution, 2021, 5, 30-31.	3.4	5
90	Ostracod response to monsoon and OMZ variability over the past 1.2 Myr. Marine Micropaleontology, 2022, 174, 102105.	0.5	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. Marine Biodiversity, 2019, 49, 2571-2586.	0.3	4
92	Benthic ostracod diversity and biogeography in an urbanized seascape. Marine Micropaleontology, 2022, 174, 102067.	0.5	4
93	Past emergent phase of Shatsky Rise deep-marine igneous plateau. Scientific Reports, 2017, 7, 15423.	1.6	3
94	Ostracod eye size: A taxonomy-free indicator of the Paleocene-Eocene Thermal Maximum sea level. Marine Micropaleontology, 2022, 174, 101994.	0.5	3
95	An evaluation of cleaning methods, preservation and specimen stages on trace elements in modern shallow marine ostracod shells of Sinocytheridea impressa and their implications as proxies. Chemical Geology, 2021, 579, 120316.	1.4	3
96	Shallow marine ecosystem collapse and recovery during the Paleocene-Eocene Thermal Maximum. Global and Planetary Change, 2021, 207, 103649.	1.6	3
97	First bryozoan fauna from the middle Miocene of Central Java, Indonesia. Alcheringa, 2019, 43, 461-478.	0.5	2
98	Quaternary equatorial Atlantic deep-sea ostracodes: evidence for a distinct tropical fauna in the deep sea. Journal of Paleontology, 0, , 1-41.	0.5	2
99	Errata Taxonomy of Deep-sea Trachyleberidid, Thaerocytherid, and Hemicytherid Genera (Ostracoda). Smithsonian Contributions To Paleobiology, 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. The Quaternary Research, 2008, 47, 273-285.	0.2	1
101	Macroecology, macroevolution, and paleoecology of Ostracoda. Marine Micropaleontology, 2022, , 102132.	0.5	0
102	Ostracods reveal the palaeoenvironmental changes in Laizhou Bay, Bohai Sea (eastern China) since the Late Pleistocene. Marine Micropaleontology, 2022, 175, 102150.	0.5	0