Katsunori Kimoto

List of Publications by Year
in descending order

30	839	687363 13	580821 25
papers	citations	h-index	g-index

33	33	33	1366
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Interlaboratory comparison study of calibration standards for foraminiferal Mg/Ca thermometry. Geochemistry, Geophysics, Geosystems, 2008, 9, .	2.5	168
2	History of the inflow of the warm Tsushima Current into the Sea of Japan between 3.5 and 0.8 Ma. Palaeogeography, Palaeoclimatology, Palaeoecology, 2006, 236, 355-366.	2.3	114
3	Variations of East Asian summer monsoon since the last deglaciation based on Mg/Ca and oxygen isotope of planktic foraminifera in the northern East China Sea. Paleoceanography, 2010, 25, n/a-n/a.	3.0	109
4	Enhanced role of eddies in the Arctic marine biological pump. Nature Communications, 2014, 5, 3950.	12.8	95
5	Ocean acidification from 1997 to 2011 in the subarctic western North Pacific Ocean. Biogeosciences, 2013, 10, 7817-7827.	3.3	38
6	Molecular evidence for an independent origin of modern triserial planktonic foraminifera from benthic ancestors. Marine Micropaleontology, 2008, 69, 334-340.	1.2	34
7	Observation of the dissolution process of Globigerina bulloides tests (planktic foraminifera) by Xâ€ray microcomputed tomography. Paleoceanography, 2015, 30, 317-331.	3.0	30
8	Flux variations and vertical distributions of siliceous Rhizaria (Radiolaria and Phaeodaria) in the western Arctic Ocean: indices of environmental changes. Biogeosciences, 2015, 12, 2019-2046.	3.3	30
9	Comparison of carbon cycle between the western Pacific subarctic and subtropical time-series stations: highlights of the K2S1 project. Journal of Oceanography, 2017, 73, 647-667.	1.7	30
10	Ontogenetic dynamics of photosymbiosis in cultured planktic foraminifers revealed by fast repetition rate fluorometry. Marine Micropaleontology, 2016, 122, 44-52.	1.2	22
11	A Geomagnetic Paleointensity Record of 0.6 to 3.2ÂMa From Sediments in the Western Equatorial Pacific and Remanent Magnetization Lockâ€in Depth. Journal of Geophysical Research: Solid Earth, 2017, 122, 7525-7543.	3.4	19
12	Effect of nutritional condition on photosymbiotic consortium of cultured Globigerinoides sacculifer (Rhizaria, Foraminifera). Symbiosis, 2018, 76, 25-39.	2.3	18
13	Observation of asexual reproduction with symbiont transmission in planktonic foraminifera. Journal of Plankton Research, 2020, 42, 403-410.	1.8	18
14	Sensitivity of planktic foraminiferal test bulk density to ocean acidification. Scientific Reports, 2019, 9, 9803.	3.3	17
15	Phaeodaria: An Important Carrier of Particulate Organic Carbon in the Mesopelagic Twilight Zone of the North Pacific Ocean. Global Biogeochemical Cycles, 2019, 33, 1146-1160.	4.9	15
16	Rapid Reduction of pH and CaCO₃ Saturation State in the Tsugaru Strait by the Intensified Tsugaru Warm Current During 2012â€“2019. Geophysical Research Letters, 2021, 48, e2020GL091332.	4.0	15
17	High resolution optically stimulated luminescence dating of a sediment core from the southwestern Sea of Okhotsk. Geochemistry, Geophysics, Geosystems, 2012, 13, .	2.5	13
18	Microâ€CT Scanning of Tests of Three Planktic Foraminiferal Species to Clarify DissolutionProcess and Progress. Geochemistry, Geophysics, Geosystems, 2019, 20, 6051-6065.	2.5	10

#	Article	IF	Citations
19	Seasonal and Interannual Variations in Nitrogen Availability and Particle Export in the Northwestern North Pacific Subtropical Gyre. Journal of Geophysical Research: Oceans, 2020, 125, e2019JC015600.	2.6	9
20	Two new living Entactinaria (Radiolaria) species from the Arctic province: Joergensenium arcticum n. sp. and Joergensenium clevei n. sp.. Marine Micropaleontology, 2016, 124, 75-94.	1.2	8
21	Horizontal and vertical distribution of polycystine radiolarians in the western Arctic Ocean during the late summers of 2013 and 2015. Polar Biology, 2019, 42, 285-305.	1.2	6
22	Ecology, Morphology, Phylogeny and Taxonomic Revision of Giant Radiolarians, Orodaria ord. nov. (Radiolaria; Rhizaria; SAR). Protist, 2021, 172, 125808.	1.5	6
23	Phylogeography and shell morphology of the pelagic snail Limacina helicina in the Okhotsk Sea and western North Pacific. Marine Biodiversity, 2021, 51, 1.	1.0	5
24	Palaeoceanography of the Japan Sea Across the Midâ€Pleistocene Transition: Insights From IODP Exp. 346, Site U1427. Paleoceanography and Paleoclimatology, 2022, 37, .	2.9	5
25	Effect of Euxinic Conditions on Planktic Foraminifers: Culture Experiments and Implications for Past and Future Environments. Paleoceanography and Paleoclimatology, 2019, 34, 54-62.	2.9	4
26	New evaluation of speciesâ€specific biogenic silica flux of radiolarians (Rhizaria) in the western Arctic Ocean using microfocus Xâ€ray computed tomography. Limnology and Oceanography, 2021, 66, 3901-3915.	3.1	1
27	Space Structure Design Inspired by Morphology of Marine Plankton. , 2009, , .		0
28	Living coccolithophorids in surface waters of the Tsugaru Strait during March-September 2003. JAMSTEC Report of Research and Development, 2005, 1, 69-72.	0.2	0
29	1131 Space Structure System Inspired by Basic Structure of Marine Plankton. The Proceedings of the Bioengineering Conference Annual Meeting of BED/JSME, 2010, 2009.22, 389.	0.0	0
30	2S-B1-3Three-dimensional Analysis of the Whole Cytoplasm of Foraminifera Using Array Tomography Method. Microscopy (Oxford, England), 2017, 66, i14-i14.	1.5	0