

Katsunori Kimoto

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3124892/publications.pdf>

Version: 2024-02-01

30
papers

839
citations

687363

13
h-index

580821

25
g-index

33
all docs

33
docs citations

33
times ranked

1366
citing authors

#	ARTICLE	IF	CITATIONS
1	Palaeoceanography of the Japan Sea Across the Midâ€Pleistocene Transition: Insights From IODP Exp. 346, Site U1427. <i>Paleoceanography and Paleoclimatology</i> , 2022, 37, .	2.9	5
2	Phylogeography and shell morphology of the pelagic snail <i>Limacina helicina</i> in the Okhotsk Sea and western North Pacific. <i>Marine Biodiversity</i> , 2021, 51, 1.	1.0	5
3	Rapid Reduction of pH and CaCO ₃ Saturation State in the Tsugaru Strait by the Intensified Tsugaru Warm Current During 2012â€2019. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091332.	4.0	15
4	Ecology, Morphology, Phylogeny and Taxonomic Revision of Giant Radiolarians, <i>Orodaria</i> ord. nov. (Radiolaria; Rhizaria; SAR). <i>Protist</i> , 2021, 172, 125808.	1.5	6
5	New evaluation of speciesâ€specific biogenic silica flux of radiolarians (Rhizaria) in the western Arctic Ocean using microfocal Xâ€ray computed tomography. <i>Limnology and Oceanography</i> , 2021, 66, 3901-3915.	3.1	1
6	Observation of asexual reproduction with symbiont transmission in planktonic foraminifera. <i>Journal of Plankton Research</i> , 2020, 42, 403-410.	1.8	18
7	Seasonal and Interannual Variations in Nitrogen Availability and Particle Export in the Northwestern North Pacific Subtropical Gyre. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2019JC015600.	2.6	9
8	Sensitivity of planktic foraminiferal test bulk density to ocean acidification. <i>Scientific Reports</i> , 2019, 9, 9803.	3.3	17
9	Microâ€CT Scanning of Tests of Three Planktic Foraminiferal Species to Clarify Dissolution Process and Progress. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 6051-6065.	2.5	10
10	Phaeodaria: An Important Carrier of Particulate Organic Carbon in the Mesopelagic Twilight Zone of the North Pacific Ocean. <i>Global Biogeochemical Cycles</i> , 2019, 33, 1146-1160.	4.9	15
11	Effect of Euxinic Conditions on Planktic Foraminifers: Culture Experiments and Implications for Past and Future Environments. <i>Paleoceanography and Paleoclimatology</i> , 2019, 34, 54-62.	2.9	4
12	Horizontal and vertical distribution of polycystine radiolarians in the western Arctic Ocean during the late summers of 2013 and 2015. <i>Polar Biology</i> , 2019, 42, 285-305.	1.2	6
13	Effect of nutritional condition on photosymbiotic consortium of cultured <i>Globigerinoides sacculifer</i> (Rhizaria, Foraminifera). <i>Symbiosis</i> , 2018, 76, 25-39.	2.3	18
14	A Geomagnetic Paleointensity Record of 0.6 to 3.2ÂMa From Sediments in the Western Equatorial Pacific and Remanent Magnetization Lockâ€n Depth. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 7525-7543.	3.4	19
15	Comparison of carbon cycle between the western Pacific subarctic and subtropical time-series stations: highlights of the K2S1 project. <i>Journal of Oceanography</i> , 2017, 73, 647-667.	1.7	30
16	2S-B1-3 Three-dimensional Analysis of the Whole Cytoplasm of Foraminifera Using Array Tomography Method. <i>Microscopy (Oxford, England)</i> , 2017, 66, i14-i14.	1.5	0
17	Ontogenetic dynamics of photosymbiosis in cultured planktic foraminifers revealed by fast repetition rate fluorometry. <i>Marine Micropaleontology</i> , 2016, 122, 44-52.	1.2	22
18	Two new living Entactinaria (Radiolaria) species from the Arctic province: <i>Joergensenium arcticum</i> n. sp. and <i>Joergensenium clevei</i> n. sp.. <i>Marine Micropaleontology</i> , 2016, 124, 75-94.	1.2	8

#	ARTICLE	IF	CITATIONS
19	Observation of the dissolution process of <i>Globigerina bulloides</i> tests (planktic foraminifera) by X-ray microcomputed tomography. <i>Paleoceanography</i> , 2015, 30, 317-331.	3.0	30
20	Flux variations and vertical distributions of siliceous Rhizaria (Radiolaria and Phaeodaria) in the western Arctic Ocean: indices of environmental changes. <i>Biogeosciences</i> , 2015, 12, 2019-2046.	3.3	30
21	Enhanced role of eddies in the Arctic marine biological pump. <i>Nature Communications</i> , 2014, 5, 3950.	12.8	95
22	Ocean acidification from 1997 to 2011 in the subarctic western North Pacific Ocean. <i>Biogeosciences</i> , 2013, 10, 7817-7827.	3.3	38
23	High resolution optically stimulated luminescence dating of a sediment core from the southwestern Sea of Okhotsk. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	2.5	13
24	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. <i>Paleoceanography</i> , 2010, 25, n/a-n/a.	3.0	109
25	1131 Space Structure System Inspired by Basic Structure of Marine Plankton. <i>The Proceedings of the Bioengineering Conference Annual Meeting of BED/JSM</i> , 2010, 2009.22, 389.	0.0	0
26	Space Structure Design Inspired by Morphology of Marine Plankton. , 2009, , .		0
27	Molecular evidence for an independent origin of modern triserial planktonic foraminifera from benthic ancestors. <i>Marine Micropaleontology</i> , 2008, 69, 334-340.	1.2	34
28	Interlaboratory comparison study of calibration standards for foraminiferal Mg/Ca thermometry. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	2.5	168
29	History of the inflow of the warm Tsushima Current into the Sea of Japan between 3.5 and 0.8 Ma. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 236, 355-366.	2.3	114
30	Living coccolithophorids in surface waters of the Tsugaru Strait during March-September 2003. <i>JAMSTEC Report of Research and Development</i> , 2005, 1, 69-72.	0.2	0