Kazumasa Oguri

List of Publications by Year
in descending order

57	2,231	257450	223800
papers	citations	24 h-index	46 g-index

59	59	59	2476
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	High rates of microbial carbon turnover in sediments in the deepest oceanic trench on Earth. Nature Geoscience, 2013, 6, 284-288.	12.9	262
2	Transgressive and highstand systems tracts and post-glacial transgression, the East China Sea. Sedimentary Geology, 1998, 122, 217-232.	2.1	148
3	Spatial and temporal variability of surface water in the Kuroshio source region, Pacific Ocean, over the past 21,000 years: evidence from planktonic foraminifera. Marine Micropaleontology, 2003, 49, 335-364.	1.2	141
4	Hadal disturbance in the Japan Trench induced by the 2011 Tohokuâ€“Oki Earthquake. Scientific Reports, 2013, 3, 1915.	3.3	131
5	Benthic carbon mineralization in hadal trenches: Assessment by in situ O2 microprofile measurements. Deep-Sea Research Part I: Oceanographic Research Papers, 2016, 116, 276-286.	1.4	97
6	Nitrogen cycling in a deep ocean margin sediment (Sagami Bay, Japan). Limnology and Oceanography, 2009, 54, 723-734.	3.1	94
7	Sediment accumulation rates and budgets of depositing particles of the East China Sea. Deep-Sea Research Part II: Topical Studies in Oceanography, 2003, 50, 513-528.	1.4	86
8	Genetic Diversity of Microbial Eukaryotes in Anoxic Sediment of the Saline Meromictic Lake Namako-ike (Japan): On the Detection of Anaerobic or Anoxic-tolerant Lineages of Eukaryotes. Protist, 2007, 158, 51-64.	1.5	81
9	Eddy correlation measurements of oxygen uptake in deep ocean sediments. Limnology and Oceanography: Methods, 2009, 7, 576-584.	2.0	81
10	Biogeochemical processes in the saline meromictic Lake Kaiike, Japan: implications from molecular isotopic evidences of photosynthetic pigments. Environmental Microbiology, 2005, 7, 1009-1016.	3.8	72
11	Distribution of oxygen in surface sediments from central Sagami Bay, Japan: In situ measurements by microelectrodes and planar optodes. Deep-Sea Research Part I: Oceanographic Research Papers, 2005, 52, 1974-1987.	1.4	71
12	Vertical and temporal shifts in microbial communities in the water column and sediment of saline meromictic Lake Kaiike (Japan), as determined by a 16S rDNA-based analysis, and related to physicochemical gradients. Environmental Microbiology, 2004, 6, 622-637.	3.8	67
13	In situ microscale variation in distribution and consumption of ₂ : A case study from a deep ocean margin sediment (Sagami Bay, Japan). Limnology and Oceanography, 2009, 54, 1-12.	3.1	62
14	Recent sediment dynamics in hadal trenches: Evidence for the influence of higher-frequency (tidal,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.4	62
15	Intracellular pH distribution in foraminifera determined by the fluorescent probe HPTS. Limnology and Oceanography: Methods, 2008, 6, 610-618.	2.0	56
16	Platinum octaetylporphyrin based planar optodes combined with an UV-LED excitation light source: An ideal tool for high-resolution O2 imaging in O2 depleted environments. Marine Chemistry, 2006, 100, 95-107.	2.3	55
17	Generation of Electricity and Illumination by an Environmental Fuel Cell in Deepâ€Sea Hydrothermal Vents. Angewandte Chemie - International Edition, 2013, 52, 10758-10761.	13.8	54
18	Spatial distribution and activity of viruses in the deep-sea sediments of Sagami Bay, Japan. Deep-Sea Research Part I: Oceanographic Research Papers, 2006, 53, 1-13.	1.4	52

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19	Provenance of terrigenous detritus of the surface sediments in the Bering and Chukchi Seas as derived from Sr and Nd isotopes: Implications for recent climate change in the Arctic regions. Deep-Sea Research Part II: Topical Studies in Oceanography, 2012, 61-64, 155-171.	1.4	52
20	Hadal trenches are dynamic hotspots for early diagenesis in the deep sea. Communications Earth & Environment, 2021, 2, .	6.8	49
21	LIVING (STAINED) DEEP-SEA FORAMINIFERA OFF HACHINOHE (NE JAPAN, WESTERN PACIFIC): ENVIRONMENTAL INTERPLAY IN OXYGEN-DEPLETED ECOSYSTEMS. Journal of Foraminiferal Research, 2014, 44, 281-299.	0.5	38
22	Enhancement of coccolithophorid blooms in the Bering Sea by recent environmental changes. Global Biogeochemical Cycles, 2012, 26, .	4.9	33
23	Unexpected biotic resilience on the Japanese seafloor caused by the 2011 TÅhoku-Oki tsunami. Scientific Reports, 2014, 4, 7517.	3.3	33
24	Epi-benthic megafaunal zonation across an oxygen minimum zone at the Indian continental margin. Deep-Sea Research Part I: Oceanographic Research Papers, 2011, 58, 699-710.	1.4	28
25	Sedimentary organic matter contents and porewater chemistry at upper bathyal depths influenced by the 2011 off the Pacific coast of Tohoku Earthquake and tsunami. Journal of Oceanography, 2016, 72, 99-111.	1.7	28
26	Evidence for the offshore transport of terrestrial organic matter due to the rise of sea level: The case of the East China Sea Continental Shelf. Geophysical Research Letters, 2000, 27, 3893-3896.	4.0	24
27	Long-term monitoring of bottom environments of the continental slope off Otsuchi Bay, northeastern Japan. Journal of Oceanography, 2016, 72, 151-166.	1.7	24
28	High mercury accumulation in deep-ocean hadal sediments. Scientific Reports, 2021, 11, 10970.	3.3	24
29	Distribution of chloropigments in suspended particulate matter and benthic microbial mat of a meromictic lake, Lake Kaiike, Japan. Environmental Microbiology, 2003, 5, 1103-1110.	3.8	21
30	Geochemistry of modern carbonaceous sediments overlain by a water mass showing photic zone anoxia in the saline meromictic Lake Kai-ike, southwest Japan: I. Early diagenesis of organic carbon, nitrogen, and phosphorus. Palaeogeography, Palaeoclimatology, Palaeoecology, 2010, 294, 72-82.	2.3	21
31	Benthic foraminiferal Mnâ€¯/â€¯Ca ratios reflect microhabitat preferences. Biogeosciences, 2017, 14, 3067-3082.	3.3	20
32	Gut Microbial Divergence between Two Populations of the Hadal Amphipod Hirondellea gigas. Applied and Environmental Microbiology, 2019, 85, .	3.1	19
33	Excess 210Pb and 137Cs concentrations, mass accumulation rates, and sedimentary processes on the Bering Sea continental shelf. Deep-Sea Research Part II: Topical Studies in Oceanography, 2012, 61-64, 193-204.	1.4	18
34	Massive occurrence of benthic plastic debris at the abyssal seafloor beneath the Kuroshio Extension, the North West Pacific. Marine Pollution Bulletin, 2021, 166, 112188.	5.0	17
35	Plastic After an Extreme Storm: The Typhoon-Induced Response of Micro- and Mesoplastics in Coastal Waters. Frontiers in Marine Science, 2022, 8, .	2.5	17
36	The hadal zone is an important and heterogeneous sink of black carbon in the ocean. Communications Earth & Environment, 2022, 3, .	6.8	14

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37	Polysaccharide hydrolase of the hadal zone amphipods Hirondellea gigas. Bioscience, Biotechnology and Biochemistry, 2018, 82, 1123-1133.	1.3	10
38	Effects of tides and weather on sedimentation of ironâ€oxyhydroxides in a shallowâ€marine hydrothermal environment at Nagahama Bay, Satsuma Iwoâ€jima Island, Kagoshima, southwest Japan. Island Arc, 2012, 21, 66-78.	1.1	9
39	Potential technique for improving the survival of victims of tsunamis. PLoS ONE, 2018, 13, e0197498.	2.5	8
40	Experimental neoichnology of crawling stalked crinoids. Swiss Journal of Palaeontology, 2018, 137, 197-203.	1.7	8
41	Genetic Diversity and Environmental Preferences of Monothalamous Foraminifers Revealed through Clone Analysis of Environmental Small-Subunit Ribosomal DNA Sequences. Journal of Foraminiferal Research, 2013, 43, 3-13.	0.5	6
42	Discovery of a colossal slickhead (Alepocephaliformes: Alepocephalidae): an active-swimming top predator in the deep waters of Suruga Bay, Japan. Scientific Reports, 2021, 11, 2490.	3.3	6
43	InÂsitu fluorochrome calcein marking of deep-sea molluscs using a new growth chamber. Aquatic Ecology, 2010, 44, 217-222.	1.5	5
44	Experimental neoichnology of post-autotomy arm movements of sea lilies and possible evidence of thrashing behaviour in Triassic holocrinids. Scientific Reports, 2020, 10, 15147.	3.3	5
45	Tsunami-triggered dispersal and deposition of microplastics in marine environments and their use in dating recent turbidite deposits. Geological Society Special Publication, 2021, 501, 381-390.	1.3	5
46	Acquisition, Maintenance, and Ecological Roles of Kleptoplasts in Planoglabratella opercularis (Foraminifera, Rhizaria). Frontiers in Marine Science, 2020, 7, .	2.5	4
47	Environmental characteristics of water, sediments and microbial activities at Lake Kalike, Kamikoshiki Island, Kagoshima Prefecture: Toward an understanding of anoxic ocean.. Journal of the Geological Society of Japan, 2002, 108, XXIII-XXIV.	0.6	4
48	In situ measurement of time-series two dimensional O2 distributions at sediment-water interface using a planar O2 optode system connected with a submarine cable. , 2007, , .		2
49	Deep-sea limestone block as a source of 14C-depleted dissolved inorganic carbon at the Palau Trench. Chemical Geology, 2014, 364, 1-8.	3.3	2
50	Long-term monitoring of seafloor environments, off Otsuchi and Kamaishi, Iwate, Japan. Nippon Suisan Gakkaishi, 2018, 84, 889-892.	0.1	2
51	Developments of deep-sea light and charge pump circuits fixed with an epoxy resin. JAMSTEC Report of Research and Development, 2015, 21, 7-15.	0.2	2
52	Investigation of analytical methods of 210Pb and 214Pb nuclides from gamma-ray spectrometry. JAMSTEC Report of Research and Development, 2011, 12, 27-35.	0.2	1
53	²¹⁰Pb and ¹³⁷Cs profiles in surface sediments collected using a Remotely Operated Vehicle, off Sanriku, NE Japan. Journal of the Geological Society of Japan, 2017, 123, 983-988.	0.6	0
54	Large-scale experiment to assess the collision impact force from a tsunami wave on a drifting castaway. PLoS ONE, 2021, 16, e0247436.	2.5	0

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55	A new automatic particle trapping system, â€œTSUBUTRAâ€•for observation of grain composition with grain size analyzer. JAMSTEC Report of Research and Development, 2009, 2009, 27-33.	0.2	0
56	Application of Phosphorescence Measurement outside Aerospace Field. Journal of the Visualization Society of Japan, 2018, 38, 25-31.	0.0	0
57	Dr. Shizuo Ishiguro. Oceanography in Japan, 2018, 27, 189-216.	0.5	0