

# Kazumasa Oguri

## List of Publications by Year in descending order

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Version: 2024-02-01

57  
papers

2,231  
citations

257450

24  
h-index

223800

46  
g-index

59  
all docs

59  
docs citations

59  
times ranked

2476  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plastic After an Extreme Storm: The Typhoon-Induced Response of Micro- and Mesoplastics in Coastal Waters. <i>Frontiers in Marine Science</i> , 2022, 8, .	2.5	17
2	The hadal zone is an important and heterogeneous sink of black carbon in the ocean. <i>Communications Earth &amp; Environment</i> , 2022, 3, .	6.8	14
3	Tsunami-triggered dispersal and deposition of microplastics in marine environments and their use in dating recent turbidite deposits. <i>Geological Society Special Publication</i> , 2021, 501, 381-390.	1.3	5
4	Discovery of a colossal slickhead (Alepocephaliformes: Alepocephalidae): an active-swimming top predator in the deep waters of Suruga Bay, Japan. <i>Scientific Reports</i> , 2021, 11, 2490.	3.3	6
5	Large-scale experiment to assess the collision impact force from a tsunami wave on a drifting castaway. <i>PLoS ONE</i> , 2021, 16, e0247436.	2.5	0
6	Massive occurrence of benthic plastic debris at the abyssal seafloor beneath the Kuroshio Extension, the North West Pacific. <i>Marine Pollution Bulletin</i> , 2021, 166, 112188.	5.0	17
7	High mercury accumulation in deep-ocean hadal sediments. <i>Scientific Reports</i> , 2021, 11, 10970.	3.3	24
8	Hadal trenches are dynamic hotspots for early diagenesis in the deep sea. <i>Communications Earth &amp; Environment</i> , 2021, 2, .	6.8	49
9	Acquisition, Maintenance, and Ecological Roles of Kleptoplasts in <i>Planoglabratella opercularis</i> (Foraminifera, Rhizaria). <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	4
10	Experimental neotechnology of post-autotomy arm movements of sea lilies and possible evidence of thrashing behaviour in Triassic holocrinids. <i>Scientific Reports</i> , 2020, 10, 15147.	3.3	5
11	Gut Microbial Divergence between Two Populations of the Hadal Amphipod <i>Hirondellea gigas</i> . <i>Applied and Environmental Microbiology</i> , 2019, 85, .	3.1	19
12	Polysaccharide hydrolase of the hadal zone amphipods <i>Hirondellea gigas</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2018, 82, 1123-1133.	1.3	10
13	Long-term monitoring of seafloor environments, off Otsuchi and Kamaishi, Iwate, Japan. <i>Nippon Suisan Gakkaishi</i> , 2018, 84, 889-892.	0.1	2
14	Potential technique for improving the survival of victims of tsunamis. <i>PLoS ONE</i> , 2018, 13, e0197498.	2.5	8
15	Experimental neotechnology of crawling stalked crinoids. <i>Swiss Journal of Palaeontology</i> , 2018, 137, 197-203.	1.7	8
16	Application of Phosphorescence Measurement outside Aerospace Field. <i>Journal of the Visualization Society of Japan</i> , 2018, 38, 25-31.	0.0	0
17	Dr. Shizuo Ishiguro. <i>Oceanography in Japan</i> , 2018, 27, 189-216.	0.5	0
18	<sup>210</sup> Pb and <sup>137</sup> Cs profiles in surface sediments collected using a Remotely Operated Vehicle, off Sanriku, NE Japan. <i>Journal of the Geological Society of Japan</i> , 2017, 123, 983-988.	0.6	0

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19	Benthic foraminiferal Mn <sup>2+</sup> /Ca ratios reflect microhabitat preferences. <i>Biogeosciences</i> , 2017, 14, 3067-3082.	3.3	20
20	Sedimentary organic matter contents and porewater chemistry at upper bathyal depths influenced by the 2011 off the Pacific coast of Tohoku Earthquake and tsunami. <i>Journal of Oceanography</i> , 2016, 72, 99-111.	1.7	28
21	Benthic carbon mineralization in hadal trenches: Assessment by in situ O <sub>2</sub> microprofile measurements. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2016, 116, 276-286.	1.4	97
22	Long-term monitoring of bottom environments of the continental slope off Otsuchi Bay, northeastern Japan. <i>Journal of Oceanography</i> , 2016, 72, 151-166.	1.7	24
23	Developments of deep-sea light and charge pump circuits fixed with an epoxy resin. <i>JAMSTEC Report of Research and Development</i> , 2015, 21, 7-15.	0.2	2
24	LIVING (STAINED) DEEP-SEA FORAMINIFERA OFF HACHINOHE (NE JAPAN, WESTERN PACIFIC): ENVIRONMENTAL INTERPLAY IN OXYGEN-DEPLETED ECOSYSTEMS. <i>Journal of Foraminiferal Research</i> , 2014, 44, 281-299.	0.5	38
25	Deep-sea limestone block as a source of <sup>14</sup> C-depleted dissolved inorganic carbon at the Palau Trench. <i>Chemical Geology</i> , 2014, 364, 1-8.	3.3	2
26	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
27	Unexpected biotic resilience on the Japanese seafloor caused by the 2011 Tōhoku-Oki tsunami. <i>Scientific Reports</i> , 2014, 4, 7517.	3.3	33
28	Genetic Diversity and Environmental Preferences of Monothalamous Foraminifers Revealed through Clone Analysis of Environmental Small-Subunit Ribosomal DNA Sequences. <i>Journal of Foraminiferal Research</i> , 2013, 43, 3-13.	0.5	6
29	High rates of microbial carbon turnover in sediments in the deepest oceanic trench on Earth. <i>Nature Geoscience</i> , 2013, 6, 284-288.	12.9	262
30	Generation of Electricity and Illumination by an Environmental Fuel Cell in Deep-Sea Hydrothermal Vents. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10758-10761.	13.8	54
31	Hadal disturbance in the Japan Trench induced by the 2011 Tohoku-Oki Earthquake. <i>Scientific Reports</i> , 2013, 3, 1915.	3.3	131
32	Excess <sup>210</sup> Pb and <sup>137</sup> Cs concentrations, mass accumulation rates, and sedimentary processes on the Bering Sea continental shelf. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2012, 61-64, 193-204.	1.4	18
33	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. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2012, 61-64, 155-171.	1.4	52
34	Enhancement of coccolithophorid blooms in the Bering Sea by recent environmental changes. <i>Global Biogeochemical Cycles</i> , 2012, 26, .	4.9	33
35	Effects of tides and weather on sedimentation of iron-oxhydroxides in a shallow-marine hydrothermal environment at Nagahama Bay, Satsuma Iwojima Island, Kagoshima, southwest Japan. <i>Island Arc</i> , 2012, 21, 66-78.	1.1	9
36	Epi-benthic megafaunal zonation across an oxygen minimum zone at the Indian continental margin. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2011, 58, 699-710.	1.4	28

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37	Investigation of analytical methods of <sup>210</sup> Pb and <sup>214</sup> Pb nuclides from gamma-ray spectrometry. JAMSTEC Report of Research and Development, 2011, 12, 27-35.	0.2	1
38	In-situ fluorochrome calcein marking of deep-sea molluscs using a new growth chamber. Aquatic Ecology, 2010, 44, 217-222.	1.5	5
39	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
40	In situ microscale variation in distribution and consumption of $^{222}\text{Rn}$ : A case study from a deep ocean margin sediment (Sagami Bay, Japan). Limnology and Oceanography, 2009, 54, 1-12.	3.1	62
41	Nitrogen cycling in a deep ocean margin sediment (Sagami Bay, Japan). Limnology and Oceanography, 2009, 54, 723-734.	3.1	94
42	Eddy correlation measurements of oxygen uptake in deep ocean sediments. Limnology and Oceanography: Methods, 2009, 7, 576-584.	2.0	81
43	A new automatic particle trapping system, "TSUBUTRA" for observation of grain composition with grain size analyzer. JAMSTEC Report of Research and Development, 2009, 2009, 27-33.	0.2	0
44	Intracellular pH distribution in foraminifera determined by the fluorescent probe HPTS. Limnology and Oceanography: Methods, 2008, 6, 610-618.	2.0	56
45	In situ measurement of time-series two dimensional O <sub>2</sub> distributions at sediment-water interface using a planar O <sub>2</sub> optode system connected with a submarine cable. , 2007, , .		2
46	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
47	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
48	Platinum octaethylporphyrin based planar optodes combined with an UV-LED excitation light source: An ideal tool for high-resolution O <sub>2</sub> imaging in O <sub>2</sub> depleted environments. Marine Chemistry, 2006, 100, 95-107.	2.3	55
49	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
50	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
51	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
52	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
53	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
54	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

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55	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
56	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
57	Transgressive and highstand systems tracts and post-glacial transgression, the East China Sea. Sedimentary Geology, 1998, 122, 217-232.	2.1	148