Kazuhiro Misumi

List of Publications by Year
in descending order

16	904	933447 10	1058476 14
papers	citations	h-index	g-index

17	17	17	1640
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Marine Ecosystem Dynamics and Biogeochemical Cycling in the Community Earth System Model [CESM1(BGC)]: Comparison of the 1990s with the 2090s under the RCP4.5 and RCP8.5 Scenarios. Journal of Climate, 2013, 26, 9291-9312.	3.2	297
2	How well do global ocean biogeochemistry models simulate dissolved iron distributions?. Global Biogeochemical Cycles, 2016, 30, 149-174.	4.9	230
3	One-year, regional-scale simulation of ¹³⁷Cs radioactivity in the ocean following the Fukushima Dai-ichi Nuclear Power Plant accident. Biogeosciences, 2013, 10, 5601-5617.	3.3	113
4	Humic substances may control dissolved iron distributions in the global ocean: Implications from numerical simulations. Global Biogeochemical Cycles, 2013, 27, 450-462.	4.9	47
5	Evaluation of radioactive cesium impact from atmospheric deposition and direct release fluxes into the North Pacific from the Fukushima Daiichi nuclear power plant. Deep-Sea Research Part I: Oceanographic Research Papers, 2016, 115, 10-21.	1.4	44
6	The iron budget in ocean surface waters in the 20th and 21st centuries: projections by the Community Earth System Model version 1. Biogeosciences, 2014, 11, 33-55.	3.3	37
7	Mechanisms controlling dissolved iron distribution in the North Pacific: A model study. Journal of Geophysical Research, 2011, 116, .	3.3	36
8	Factors controlling the spatiotemporal variation of 137Cs in seabed sediment off the Fukushima coast: implications from numerical simulations. Journal of Environmental Radioactivity, 2014, 136, 218-228.	1.7	32
9	Status of 137Cs contamination in marine biota along the Pacific coast of eastern Japan derived from a dynamic biological model two years simulation following the Fukushima accident. Journal of Environmental Radioactivity, 2016, 151, 495-501.	1.7	24
10	A review: iron and nutrient supply in the subarctic Pacific and its impact on phytoplankton production. Journal of Oceanography, 2021, 77, 561-587.	1.7	13
11	Ocean anoxic events in the mid-Cretaceous simulated by a 3-D biogeochemical general circulation model. Cretaceous Research, 2008, 29, 893-900.	1.4	11
12	Slowly Sinking Particles Underlie Dissolved Iron Transport Across the Pacific Ocean. Global Biogeochemical Cycles, 2021, 35, e2020GB006823.	4.9	9
13	Reconstruction of radiocesium levels in sediment off Fukushima: Simulation analysis of bioavailability using parameters derived from observed 137Cs concentrations. Journal of Environmental Radioactivity, 2020, 214-215, 106172.	1.7	8
14	Estimation of the radiation dose equivalent for the hypothetical submergence of a sea-transport package of low-level radioactive waste. Journal of Nuclear Science and Technology, 2017, 54, 681-693.	1.3	1
15	COASTAL DISPERSAL OF RIVER-DERIVED SUSPENDED RADIONUCLIDES DUE TO A FLOOD EVENT AROUND THE MOUTH OF NIIDA RIVER, FUKUSHIMA. Journal of Japan Society of Civil Engineers Ser B2 (Coastal) Tj ETQq1 1 0.784314 rgBT /Overloc	0.4	1
16	Current status and issues of marine biogeochemical cycle models with a focus on the iron biogeochemical cycle. Oceanography in Japan, 2017, 26, 95-111.	0.5	0