

Kazuhiro Misumi

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

904
citations

933447

10
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

1640
citing authors

#	ARTICLE	IF	CITATIONS
1	Slowly Sinking Particles Underlie Dissolved Iron Transport Across the Pacific Ocean. <i>Global Biogeochemical Cycles</i> , 2021, 35, e2020GB006823.	4.9	9
2	A review: iron and nutrient supply in the subarctic Pacific and its impact on phytoplankton production. <i>Journal of Oceanography</i> , 2021, 77, 561-587.	1.7	13
3	Reconstruction of radiocesium levels in sediment off Fukushima: Simulation analysis of bioavailability using parameters derived from observed ¹³⁷ Cs concentrations. <i>Journal of Environmental Radioactivity</i> , 2020, 214-215, 106172.	1.7	8
4	Estimation of the radiation dose equivalent for the hypothetical submergence of a sea-transport package of low-level radioactive waste. <i>Journal of Nuclear Science and Technology</i> , 2017, 54, 681-693.	1.3	1
5	Current status and issues of marine biogeochemical cycle models with a focus on the iron biogeochemical cycle. <i>Oceanography in Japan</i> , 2017, 26, 95-111.	0.5	0
6	Evaluation of radioactive cesium impact from atmospheric deposition and direct release fluxes into the North Pacific from the Fukushima Daiichi nuclear power plant. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2016, 115, 10-21.	1.4	44
7	How well do global ocean biogeochemistry models simulate dissolved iron distributions?. <i>Global Biogeochemical Cycles</i> , 2016, 30, 149-174.	4.9	230
8	COASTAL DISPERSAL OF RIVER-DERIVED SUSPENDED RADIONUCLIDES DUE TO A FLOOD EVENT AROUND THE MOUTH OF NIIDA RIVER, FUKUSHIMA. <i>Journal of Japan Society of Civil Engineers Ser B2 (Coastal)</i> Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 4		
9	Status of ¹³⁷ Cs contamination in marine biota along the Pacific coast of eastern Japan derived from a dynamic biological model two years simulation following the Fukushima accident. <i>Journal of Environmental Radioactivity</i> , 2016, 151, 495-501.	1.7	24
10	The iron budget in ocean surface waters in the 20th and 21st centuries: projections by the Community Earth System Model version 1. <i>Biogeosciences</i> , 2014, 11, 33-55.	3.3	37
11	Factors controlling the spatiotemporal variation of ¹³⁷ Cs in seabed sediment off the Fukushima coast: implications from numerical simulations. <i>Journal of Environmental Radioactivity</i> , 2014, 136, 218-228.	1.7	32
12	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. <i>Journal of Climate</i> , 2013, 26, 9291-9312.	3.2	297
13	Humic substances may control dissolved iron distributions in the global ocean: Implications from numerical simulations. <i>Global Biogeochemical Cycles</i> , 2013, 27, 450-462.	4.9	47
14	One-year, regional-scale simulation of ¹³⁷ Cs radioactivity in the ocean following the Fukushima Dai-ichi Nuclear Power Plant accident. <i>Biogeosciences</i> , 2013, 10, 5601-5617.	3.3	113
15	Mechanisms controlling dissolved iron distribution in the North Pacific: A model study. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	36
16	Ocean anoxic events in the mid-Cretaceous simulated by a 3-D biogeochemical general circulation model. <i>Cretaceous Research</i> , 2008, 29, 893-900.	1.4	11