

# Masahiro Suzumura

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35  
papers

918  
citations

18  
h-index

30  
g-index

35  
ext. papers

1,036  
ext. citations

4.1  
avg, IF

4.02  
L-index

#	Paper	IF	Citations
35	Sustainable Exploitation of Marine Resources. <i>Trends in the Sciences</i> , <b>2021</b> , 26, 1_42-1_47	0	
34	CO2 Uptake in the Shallow Coastal Ecosystems Affected by Anthropogenic Impacts <b>2019</b> , 295-319		5
33	Nutrient dynamics in core sediments of an artificial basal medium prepared with steelmaking slag and dredged materials. <i>Journal of Oceanography</i> , <b>2016</b> , 72, 867-881	1.9	
32	Blue carbon in human-dominated estuarine and shallow coastal systems. <i>Ambio</i> , <b>2016</b> , 45, 290-301	6.5	39
31	Phosphorus behavior in sediments during a sub-seabed CO <sub>2</sub> controlled release experiment. <i>International Journal of Greenhouse Gas Control</i> , <b>2015</b> , 38, 102-109	4.2	4
30	Applicability of steel slag as a substrate in eelgrass ( <i>Zostera marina</i> L.) beds restoration in coastal Japan. <i>Ecological Engineering</i> , <b>2015</b> , 81, 418-427	3.9	3
29	Fractionation of Phosphorus in Steelmaking Slags and Aquatic Particulate Materials Using a Sequential Extraction Technique. <i>ISIJ International</i> , <b>2015</b> , 55, 183-189	1.7	2
28	Detection and impacts of leakage from sub-seafloor deep geological carbon dioxide storage. <i>Nature Climate Change</i> , <b>2014</b> , 4, 1011-1016	21.4	129
27	Schematic Feasibility Study of Bio-CCS Technology. <i>Energy Procedia</i> , <b>2014</b> , 63, 8062-8068	2.3	2
26	Development of a Risk Assessment Tool for CO <sub>2</sub> Geological Storage: CERAS-CO <sub>2</sub> GS <i>Energy Procedia</i> , <b>2013</b> , 37, 2828-2839	2.3	5
25	Exposure Experiments of Geochemical Reference Samples to CO <sub>2</sub> -saturated Seawater. <i>Energy Procedia</i> , <b>2013</b> , 37, 5955-5961	2.3	
24	Effects of CO <sub>2</sub> -Induced Seawater Acidification on Microbial Processes Involving Dissolved Organic Matter. <i>Energy Procedia</i> , <b>2013</b> , 37, 5962-5969	2.3	5
23	Differences in elimination efficiencies of <i>Escherichia coli</i> in freshwater and seawater as a result of TiO <sub>2</sub> photocatalysis. <i>Water Research</i> , <b>2013</b> , 47, 2770-6	12.5	29
22	Sensitive determination of enzymatically labile dissolved organic phosphorus and its vertical profiles in the oligotrophic western North Pacific and East China Sea. <i>Journal of Oceanography</i> , <b>2013</b> , 69, 357-367	1.9	22
21	Dissolved phosphorus pools and alkaline phosphatase activity in the euphotic zone of the Western north pacific ocean. <i>Frontiers in Microbiology</i> , <b>2012</b> , 3, 99	5.7	37
20	Heterotrophic bacterial production and extracellular enzymatic activity in sinking particulate matter in the western North Pacific Ocean. <i>Frontiers in Microbiology</i> , <b>2012</b> , 3, 379	5.7	13
19	Methods for Determining Rates of Protein Synthesis via Dark CO <sub>2</sub> Fixation by Marine Prokaryote. <i>Analytical Letters</i> , <b>2011</b> , 44, 1739-1745	2.2	2

18	Effects of seawater acidification on hydrolytic enzyme activities. <i>Journal of Oceanography</i> , <b>2010</b> , 66, 233-241	1.9	47
17	Effects of seawater acidification by ocean CO <sub>2</sub> sequestration on bathypelagic prokaryote activities. <i>Journal of Oceanography</i> , <b>2010</b> , 66, 571-580	1.9	16
16	Persulfate chemical wet oxidation method for the determination of particulate phosphorus in comparison with a high-temperature dry combustion method. <i>Limnology and Oceanography: Methods</i> , <b>2008</b> , 6, 619-629	2.6	35
15	Phospholipids in marine environments: a review. <i>Talanta</i> , <b>2005</b> , 66, 422-34	6.2	53
14	Distribution and characteristics of suspended particulate matter in a heavily eutrophic estuary, Tokyo Bay, Japan. <i>Marine Pollution Bulletin</i> , <b>2004</b> , 49, 496-503	6.7	42
13	Distribution and dynamics of various forms of phosphorus in seawater: insights from field observations in the Pacific Ocean and a laboratory experiment. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>2004</b> , 51, 1113-1130	2.5	34
12	Denitrification in a seashore sandy deposit influenced by groundwater discharge. <i>Biogeochemistry</i> , <b>2003</b> , 63, 187-205	3.8	15
11	Phosphorus Cycling at the Sediment-Water Interface in a Eutrophic Environment of Tokyo Bay, Japan. <i>Oceanography in Japan</i> , <b>2003</b> , 12, 501-516	0.5	8
10	Cycling of phosphorus maintains the production of microphytobenthic communities in carbonate sediments of a coral reef. <i>Limnology and Oceanography</i> , <b>2002</b> , 47, 771-781	4.8	30
9	Concentrations of lipid phosphorus and its abundance in dissolved and particulate organic phosphorus in coastal seawater. <i>Marine Chemistry</i> , <b>2001</b> , 75, 141-149	3.7	25
8	Microbiological nitrogen transformation in carbonate sediments of a coral-reef lagoon and associated seagrass beds. <i>Marine Ecology - Progress Series</i> , <b>2001</b> , 217, 273-286	2.6	46
7	Control of Phosphate Concentration through Adsorption and Desorption Processes in Groundwater and Seawater Mixing at Sandy Beaches in Tokyo Bay, Japan. <i>Journal of Oceanography</i> , <b>2000</b> , 56, 667-673	1.9	26
6	Characterization of dissolved organic phosphorus in coastal seawater using ultrafiltration and phosphohydrolytic enzymes. <i>Limnology and Oceanography</i> , <b>1998</b> , 43, 1553-1564	4.8	69
5	Mineralization of inositol hexaphosphate in aerobic and anaerobic marine sediments: Implications for the phosphorus cycle. <i>Geochimica Et Cosmochimica Acta</i> , <b>1995</b> , 59, 1021-1026	5.5	84
4	Origin and distribution of inositol hexaphosphate in estuarine and coastal sediments. <i>Limnology and Oceanography</i> , <b>1995</b> , 40, 1254-1261	4.8	52
3	Application of solid-phase extraction technique for determination of phosphorus in sediment extract.. <i>Geochemical Journal</i> , <b>1995</b> , 29, 331-335	0.9	5
2	Isolation and determination of inositol hexaphosphate in sediments from Tokyo Bay. <i>Geochimica Et Cosmochimica Acta</i> , <b>1993</b> , 57, 2197-2202	5.5	32
1	Fractionation of Organic Phosphorus Compounds in Marine Sediment Using Acid-alkali Sequential Extraction Technique.. <i>Journal of Japan Society on Water Environment</i> , <b>1993</b> , 16, 416-423	0.2	2

