

Ryo Sugimoto

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5419561/publications.pdf>

Version: 2024-02-01

33
papers

868
citations

567281

15
h-index

477307

29
g-index

33
all docs

33
docs citations

33
times ranked

845
citing authors

#	ARTICLE	IF	CITATIONS
1	Groundwater-surface water exchange affects nitrogen and phosphorus exports from tideless rivers to a ria coast in the sea of Japan. <i>Journal of Hydrology</i> , 2022, 612, 128045.	5.4	4
2	Traditional land use effects on nutrient export from watersheds to coastal seas. <i>Nutrient Cycling in Agroecosystems</i> , 2021, 119, 7-21.	2.2	4
3	Submarine groundwater discharge impacts on coastal nutrient biogeochemistry. <i>Nature Reviews Earth & Environment</i> , 2021, 2, 307-323.	29.7	210
4	Nutrient fluxes from rivers, groundwater, and the ocean into the coastal embayment along the Sanriku ria coast, Japan. <i>Limnology and Oceanography</i> , 2021, 66, 2728-2744.	3.1	6
5	Methodology for Nexus Approach Toward Sustainable Use of Geothermal Hot Spring Resources. <i>Frontiers in Water</i> , 2021, 3, .	2.3	0
6	Dynamics of waterâ€“energyâ€“food nexus methodology, methods, and tools. <i>Current Opinion in Environmental Science and Health</i> , 2020, 13, 46-60.	4.1	73
7	Submarine groundwater discharge: A previously undocumented source of contaminants of emerging concern to the coastal ocean (Sydney, Australia). <i>Marine Pollution Bulletin</i> , 2020, 160, 111519.	5.0	26
8	Comprehensive and quantitative assessment of nitrate dynamics in two contrasting forested basins along the Sea of Japan using dual isotopes of nitrate. <i>Science of the Total Environment</i> , 2019, 687, 667-678.	8.0	10
9	Submarine Groundwater Discharge: Updates on Its Measurement Techniques, Geophysical Drivers, Magnitudes, and Effects. <i>Frontiers in Environmental Science</i> , 2019, 7, .	3.3	158
10	Increase in Fish Production Through Bottom-Up Trophic Linkage in Coastal Waters Induced by Nutrients Supplied via Submarine Groundwater. <i>Frontiers in Environmental Science</i> , 2019, 7, .	3.3	21
11	Estimation of submarine groundwater discharge and its impact on the nutrient environment at Kamaiso beach, Yamagata, Japan. <i>Nippon Suisan Gakkaishi</i> , 2019, 85, 30-39.	0.1	2
12	Linkage between watershed and estuary estimated from the stable isotope analysis of the intertidal snail, <i>Batillaria multiformis</i> . <i>Plankton and Benthos Research</i> , 2019, 14, 97-104.	0.6	2
13	Evaluating the Tradeoffs between Groundwater Pumping for Snow-Melting and Nearshore Fishery Productivity in Obama City, Japan. <i>Water (Switzerland)</i> , 2018, 10, 1556.	2.7	11
14	Fresh and Recirculated Submarine Groundwater Discharge Evaluated by Geochemical Tracers and a Seepage Meter at Two Sites in the Seto Inland Sea, Japan. <i>Hydrology</i> , 2018, 5, 61.	3.0	10
15	Submarine Groundwater Discharge and its Influence on Primary Production in Japanese Coasts: Case Study in Obama Bay. <i>Global Environmental Studies</i> , 2018, , 101-115.	0.2	4
16	Seasonal and annual fluxes of atmospheric nitrogen deposition and riverine nitrogen export in two adjacent contrasting rivers in central Japan facing the Sea of Japan. <i>Journal of Hydrology: Regional Studies</i> , 2017, 11, 117-125.	2.4	14
17	Higher species richness and abundance of fish and benthic invertebrates around submarine groundwater discharge in Obama Bay, Japan. <i>Journal of Hydrology: Regional Studies</i> , 2017, 11, 139-146.	2.4	20
18	High-resolution mapping and time-series measurements of ²²² Rn concentrations and biogeochemical properties related to submarine groundwater discharge along the coast of Obama Bay, a semi-enclosed sea in Japan. <i>Progress in Earth and Planetary Science</i> , 2017, 4, .	3.0	20

#	ARTICLE	IF	CITATIONS
19	Phytoplankton primary productivity around submarine groundwater discharge in nearshore coasts. <i>Marine Ecology - Progress Series</i> , 2017, 563, 25-33.	1.9	42
20	2. Influence of groundwater discharge on biological production and fisheries resources in coastal seas. <i>Nippon Suisan Gakkaishi</i> , 2017, 83, 1013-1013.	0.1	0
21	Exploration of submarine groundwater discharge using a drone in a coastal area of Hiji town, Oita Prefecture, Japan in summer. <i>Journal of Japanese Association of Hydrological Sciences</i> , 2016, 46, 29-38.	0.2	3
22	Occurrence, distribution and prey items of juvenile marbled sole <i>Pseudopleuronectes yokohamae</i> around a submarine groundwater seepage on a tidal flat in southwestern Japan. <i>Journal of Sea Research</i> , 2016, 111, 47-53.	1.6	30
23	Key biogeochemical processes evaluated by the stable nitrogen isotopes of dissolved inorganic nitrogen in the Yodo River estuary, Japan: significance of estuarine nutrient recycling as a possible source for coastal production. <i>Biogeochemistry</i> , 2016, 128, 1-17.	3.5	5
24	Seasonal Changes in Submarine Groundwater Discharge and Associated Nutrient Transport into a Tideless Semi-enclosed Embayment (Obama Bay, Japan). <i>Estuaries and Coasts</i> , 2016, 39, 13-26.	2.2	54
25	4. Investigate the origin of nutrients of fisheries resources by stable isotope analysis. <i>Nippon Suisan Gakkaishi</i> , 2014, 80, 840-840.	0.1	0
26	Using stable nitrogen isotopes to evaluate the relative importance of external and internal nitrogen loadings on phytoplankton production in a shallow eutrophic lake (Lake Mikata, Japan). <i>Limnology and Oceanography</i> , 2014, 59, 37-47.	3.1	16
27	Assessment of nitrogen loading from the Kiso-Sansen Rivers into Ise Bay using stable isotopes. <i>Journal of Oceanography</i> , 2011, 67, 231-240.	1.7	10
28	Modeling phytoplankton production in Ise Bay, Japan: Use of nitrogen isotopes to identify dissolved inorganic nitrogen sources. <i>Estuarine, Coastal and Shelf Science</i> , 2010, 86, 450-466.	2.1	28
29	Controlling factors of seasonal variation in the nitrogen isotope ratio of nitrate in a eutrophic coastal environment. <i>Estuarine, Coastal and Shelf Science</i> , 2009, 85, 231-240.	2.1	21
30	Nitrogen isotope ratios of nitrate as a clue to the origin of nitrogen on the Pacific coast of Japan. <i>Continental Shelf Research</i> , 2009, 29, 1303-1309.	1.8	6
31	Transport of oceanic nitrate from the continental shelf to the coastal basin in relation to the path of the Kuroshio. <i>Continental Shelf Research</i> , 2009, 29, 1678-1688.	1.8	18
32	Nitrogen isotopic discrimination by water column nitrification in a shallow coastal environment. <i>Journal of Oceanography</i> , 2008, 64, 39-48.	1.7	19
33	Short-term variation in behavior of allochthonous particulate organic matter accompanying changes of river discharge in Ise Bay, Japan. <i>Estuarine, Coastal and Shelf Science</i> , 2006, 66, 267-279.	2.1	21