

Yohei Matsui

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,699
citations

567281

15
h-index

477307

29
g-index

36
all docs

36
docs citations

36
times ranked

2457
citing authors

#	ARTICLE	IF	CITATIONS
1	Pre-treatment Methods for Accurate Determination of Total Nitrogen and Organic Carbon Contents and their Stable Isotopic Compositions: Re-evaluation from Geological Reference Materials. <i>Geostandards and Geoanalytical Research</i> , 2022, 46, 5-19.	3.1	5
2	The origin of methane in serpentinite-hosted hyperalkaline hot spring at Hakuba Happo, Japan: Radiocarbon, methane isotopologue and noble gas isotope approaches. <i>Earth and Planetary Science Letters</i> , 2022, 585, 117510.	4.4	3
3	Abiotic Methane Generation via CO ₂ Hydrogenation With Natural Chromitite Under Hydrothermal Conditions. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2020GC009533.	2.5	0
4	Moderate nutrient concentrations are not detrimental to corals under future ocean conditions. <i>Marine Biology</i> , 2021, 168, 1.	1.5	12
5	Abyssal fauna, benthic microbes, and organic matter quality across a range of trophic conditions in the western Pacific ocean. <i>Progress in Oceanography</i> , 2021, 195, 102591.	3.2	10
6	In situ experimental evidences for responses of abyssal benthic biota to shifts in phytodetritus compositions linked to global climate change. <i>Global Change Biology</i> , 2021, 27, 6139-6155.	9.5	7
7	Hydrogen and carbon isotope fractionation factors of aerobic methane oxidation in deep-sea water. <i>Biogeosciences</i> , 2021, 18, 5351-5362.	3.3	5
8	Gold-coated silver capsule for elemental analyzer-isotope ratio mass spectrometer: Robust against pretreatment of rock material for organic carbon and ¹³ C analyses. <i>Geochemical Journal</i> , 2021, 55, e1-e8.	1.0	1
9	Microbial community and geochemical analyses of trans-trench sediments for understanding the roles of hadal environments. <i>ISME Journal</i> , 2020, 14, 740-756.	9.8	99
10	Isolation of an archaeon at the prokaryote-eukaryote interface. <i>Nature</i> , 2020, 577, 519-525.	27.8	449
11	Redox conditions and nitrogen cycling during the Triassic-Jurassic transition: A new perspective from the mid-Panthalassa. <i>Earth-Science Reviews</i> , 2020, 204, 103173.	9.1	13
12	Radiocarbon content of carbon dioxide and methane in hydrothermal fluids of Okinawa Trough vents. <i>Geochemical Journal</i> , 2020, 54, 129-138.	1.0	4
13	Experimental Simulations of Hypervelocity Impact Penetration of Asteroids Into the Terrestrial Ocean and Benthic Cratering. <i>Journal of Geophysical Research E: Planets</i> , 2020, 125, e2019JE006291.	3.6	2
14	Possible links between holothurian lipid compositions and differences in organic matter (OM) supply at the western Pacific abyssal plains. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2019, 152, 103085.	1.4	13
15	Peptide Synthesis under the Alkaline Hydrothermal Conditions on Enceladus. <i>ACS Earth and Space Chemistry</i> , 2019, 3, 2559-2568.	2.7	20
16	Response of N ₂ O production rate to ocean acidification in the western North Pacific. <i>Nature Climate Change</i> , 2019, 9, 954-958.	18.8	31
17	Shift in limiting nutrients in the late Ediacaran-early Cambrian marine systems of South China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 530, 281-299.	2.3	18
18	Cultivable microbial community in 2-km-deep, 20-million-year-old subseafloor coalbeds through ~1000 days anaerobic bioreactor cultivation. <i>Scientific Reports</i> , 2019, 9, 2305.	3.3	17

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19	Redox condition and nitrogen cycle in the Permian deep mid-ocean: A possible contrast between Panthalassa and Tethys. <i>Global and Planetary Change</i> , 2019, 172, 179-199.	3.5	16
20	Hadal water biogeochemistry over the Izu-Ogasawara Trench observed with a full-depth CTD-CMS. <i>Ocean Science</i> , 2018, 14, 575-588.	3.4	28
21	Nitrate Isotope Distribution in the Subarctic and Subtropical North Pacific. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 2212-2224.	2.5	16
22	Global perturbations of carbon cycle during the Triassic-Jurassic transition recorded in the mid-Panthalassa. <i>Earth and Planetary Science Letters</i> , 2018, 500, 105-116.	4.4	26
23	Microelectrode characterization of coral daytime interior pH and carbonate chemistry. <i>Nature Communications</i> , 2016, 7, 11144.	12.8	115
24	High-temperature acclimation strategies within the thermally tolerant endosymbiont <i>Symbiodinium trenchii</i> and its coral host, <i>Turbinaria reniformis</i> , differ with changing pCO ₂ and nutrients. <i>Marine Biology</i> , 2016, 163, 1.	1.5	14
25	Hydrogen and carbon isotope systematics in hydrogenotrophic methanogenesis under H ₂ -limited and H ₂ -enriched conditions: implications for the origin of methane and its isotopic diagnosis. <i>Progress in Earth and Planetary Science</i> , 2016, 3, .	3.0	35
26	Physiological response to elevated temperature and pCO ₂ varies across four Pacific coral species: Understanding the unique host+symbiont response. <i>Scientific Reports</i> , 2015, 5, 18371.	3.3	72
27	Photoautotrophic and heterotrophic carbon in bleached and non-bleached coral lipid acquisition and storage. <i>Journal of Experimental Marine Biology and Ecology</i> , 2014, 461, 469-478.	1.5	60
28	The cumulative impact of annual coral bleaching can turn some coral species winners into losers. <i>Global Change Biology</i> , 2014, 20, 3823-3833.	9.5	352
29	Coral Energy Reserves and Calcification in a High-CO ₂ World at Two Temperatures. <i>PLoS ONE</i> , 2013, 8, e75049.	2.5	137
30	Production mechanism and global budget of N ₂ O inferred from its isotopomers in the western North Pacific. <i>Geophysical Research Letters</i> , 2002, 29, 7-1.	4.0	98