Toyoho Ishimura

List of Publications by Year
in descending order

37 papers	809 citations	516710 16 h-index	526287 27 g-index
39 all docs	39 docs citations	39 times ranked	1124 citing authors

#	Article	IF	Citations
1	Stable carbon and oxygen isotopic determination of sub-microgram quantities of CaCO3 to analyze individual foraminiferal shells. Rapid Communications in Mass Spectrometry, 2004, 18, 2883-2888.	1.5	64
2	Grainâ€scale heterogeneities in the stable carbon and oxygen isotopic compositions of the international standard calcite materials (NBS 19, NBS 18, IAEAâ€CO₁, and IAEAâ€CO₈). Rapid Communications in Mass Spectrometry, 2008, 22, 1925-1932.	1.5	59
3	Ecological and genomic profiling of anaerobic methane-oxidizing archaea in a deep granitic environment. ISME Journal, 2018, 12, 31-47.	9.8	59
4	Growth-rate influences on coral climate proxies tested by a multiple colony culture experiment. Earth and Planetary Science Letters, 2013, 362, 198-206.	4.4	53
5	Combining microvolume isotope analysis and numerical simulation to reproduce fish migration history. Methods in Ecology and Evolution, 2019, 10, 59-69.	5.2	44
6	Determination of the ¹⁵N/¹⁴N, ¹⁷O/¹⁶O, and ¹⁸O/¹⁶O ratios of nitrous oxide by using continuousâ€flow isotopeâ€ratio mass spectrometry. Rapid Communications in Mass Spectrometry, 2008, 22, 1587-1596.	1.5	40
7	Otolith Î´18O of Pacific bluefin tuna Thunnus orientalis as an indicator of ambient water temperature. Marine Ecology - Progress Series, 2013, 481, 199-209.	1.9	39
8	Radiocarbonâ€based carbon source quantification of anomalous isotopic foraminifera in last glacial sediments in the western North Pacific. Geochemistry, Geophysics, Geosystems, 2008, 9, .	2.5	38
9	Temperature dependence of Î´ 18 O in otolith of juvenile Japanese sardine: Laboratory rearing experiment with micro-scale analysis. Fisheries Research, 2017, 194, 55-59.	1.7	37
10	Biological and water chemistry controls on Sr/Ca, Ba/Ca, Mg/Ca and Î´18O profiles in freshwater pearl mussel Hyriopsis sp.. Palaeogeography, Palaeoclimatology, Palaeoecology, 2011, 309, 298-308.	2.3	36
11	Seasonal changes in the shell microstructure of the bloody clam, Scapharca broughtonii (Mollusca:) Tj ETQq1 1 0.784314 rgBT /Overl	2.3	33
12	Geomicrobiological Properties of Ultra-Deep Granitic Groundwater from the Mizunami Underground Research Laboratory (MIU), Central Japan. Microbial Ecology, 2010, 60, 214-225.	2.8	31
13	Variation in stable carbon and oxygen isotopes of individual benthic foraminifera: tracers for quantifying the magnitude of isotopic disequilibrium. Biogeosciences, 2012, 9, 4353-4367.	3.3	27
14	The living triserial planktic foraminifer Gallitellia vivans (Cushman): Distribution, stable isotopes, and paleoecological implications. Marine Micropaleontology, 2009, 71, 71-79.	1.2	22
15	Geochemical imprints of genotypic variants of Globigerina bulloides in the Arabian Sea. Paleoceanography, 2016, 31, 1440-1452.	3.0	21
16	Exploring photosymbiotic ecology of planktic foraminifers from chamber-by-chamber isotopic history of individual foraminifers. Paleobiology, 2015, 41, 108-121.	2.0	19
17	Otolith oxygen isotope analysis and temperature history in early life stages of the chub mackerel Scomber japonicus in the Kuroshioâ€“Oyashio transition region. Deep-Sea Research Part II: Topical Studies in Oceanography, 2019, 169-170, 104660.	1.4	17
18	Formation and Geological Sequestration of Uranium Nanoparticles in Deep Granitic Aquifer. Scientific Reports, 2016, 6, 22701.	3.3	16

#	Article	IF	Citations
19	Grainâ€scale stable carbon and oxygen isotopic variations of the international reference calcite, IAEAâ€603. Rapid Communications in Mass Spectrometry, 2017, 31, 1875-1880.	1.5	13
20	Reconstruction of temperature experienced by Pacific bluefin tuna Thunnus orientalis larvae using SIMS and microvolume CF-IRMS otolith oxygen isotope analyses. Marine Ecology - Progress Series, 2020, 649, 175-188.	1.9	13
21	Skeletal oxygen and carbon isotope compositions of <scp>A</scp>cropora coral primary polyps experimentally cultured at different temperatures. Geochemistry, Geophysics, Geosystems, 2014, 15, 2840-2849.	2.5	12
22	Stable hydrogen isotopic analysis of nanomolar molecular hydrogen by automatic multiâ€step gas chromatographic separation. Rapid Communications in Mass Spectrometry, 2011, 25, 3351-3359.	1.5	11
23	Monsoon-influenced variations in plankton community structure and upper-water column stratification in the western Bay of Bengal during the past 80â€ky. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 521, 138-150.	2.3	11
24	Abrupt shift toward cooler condition in the earliest 20th century detected in a 165 year coral record from Ishigaki Island, southwestern Japan. Geophysical Research Letters, 2010, 37, .	4.0	10
25	Stable carbon isotope values in dissolved inorganic carbon of ambient waters and shell carbonate of the freshwater pearl mussel (Hyriopsis sp.). Journal of Paleolimnology, 2015, 54, 37-51.	1.6	10
26	Individual Migration Pathways of Modern Planktic Foraminifers: Chamber-by-Chamber Assessment of Stable Isotopes. Paleontological Research, 2016, 20, 268-284.	1.0	10
27	Temperature dependency equation for chub mackerel (Scomber japonicus) identified by a laboratory rearing experiment and microscale analysis. Marine and Freshwater Research, 2020, 71, 1384.	1.3	10
28	Skeletal isotopic responses of the Scleractinian coral Isopora palifera to experimentally controlled water temperatures. Geochemical Journal, 2014, 48, e9-e14.	1.0	9
29	Mass occurrence of the enigmatic gastropod Elmira in the Late Cretaceous Sada Limestone seep deposit in southwestern Shikoku, Japan. Palaontologische Zeitschrift, 2016, 90, 701-722.	1.6	7
30	Temperature effects on the shell growth of a larger benthic foraminifer (Sorites orbiculus): Results from culture experiments and micro X-ray computed tomography. Marine Micropaleontology, 2021, 163, 101960.	1.2	6
31	A review of issues on elucidation of climate variability impacts on living marine resources and future perspectives. Oceanography in Japan, 2018, 27, 59-73.	0.5	5
32	Effects of elevated CO2 on shell 13C and 18O content and growth rates in the clam Scapharca broughtonii. Geochimica Et Cosmochimica Acta, 2018, 235, 246-261.	3.9	5
33	Advanced approach to analyzing calcareous protists for present and past pelagic ecology: Comprehensive analysis of 3D-morphology, stable isotopes, and genes of planktic foraminifers. PLoS ONE, 2019, 14, e0213282.	2.5	5
34	Microscale stable carbon and oxygen isotope measurement of individual otoliths of larvae and juveniles of Japanese anchovy and sardine. Estuarine, Coastal and Shelf Science, 2020, 245, 106946.	2.1	5
35	Characteristics of calcareous concretions with Calyptogena sp. in the Miocene Morai Formation, Hokkaido. Journal of the Geological Society of Japan, 2005, 111, VII-VIII.	0.6	4
36	Isotopic evidence of connectivity between an inshore vegetated lagoon (nursery habitat) and coastal artificial reefs (adult habitats) for the reef fish Lethrinus lentjan on the Terengganu coast, Malaysia. Marine and Freshwater Research, 2019, 70, 1675.	1.3	4

#	Article	IF	Citations
37	Otolith Î´18O and microstructure analyses provide further evidence of population structure in sardine Sardinops sagax around South Africa. ICES Journal of Marine Science, 2020, 77, 2669-2680.	2.5	3