

Toyoho Ishimura

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Temperature effects on the shell growth of a larger benthic foraminifer (<i>Sorites orbiculus</i>): Results from culture experiments and micro X-ray computed tomography. <i>Marine Micropaleontology</i> , 2021, 163, 101960.	1.2	6
2	Microscale stable carbon and oxygen isotope measurement of individual otoliths of larvae and juveniles of Japanese anchovy and sardine. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 245, 106946.	2.1	5
3	Otolith $\delta^{18}O$ and microstructure analyses provide further evidence of population structure in sardine <i>Sardinops sagax</i> around South Africa. <i>ICES Journal of Marine Science</i> , 2020, 77, 2669-2680.	2.5	3
4	Temperature dependency equation for chub mackerel (<i>Scomber japonicus</i>) identified by a laboratory rearing experiment and microscale analysis. <i>Marine and Freshwater Research</i> , 2020, 71, 1384.	1.3	10
5	Reconstruction of temperature experienced by Pacific bluefin tuna <i>Thunnus orientalis</i> larvae using SIMS and microvolume CF-IRMS otolith oxygen isotope analyses. <i>Marine Ecology - Progress Series</i> , 2020, 649, 175-188.	1.9	13
6	Otolith oxygen isotope analysis and temperature history in early life stages of the chub mackerel <i>Scomber japonicus</i> in the Kuroshio-Oyashio transition region. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2019, 169-170, 104660.	1.4	17
7	Monsoon-influenced variations in plankton community structure and upper-water column stratification in the western Bay of Bengal during the past 80ky. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 521, 138-150.	2.3	11
8	Advanced approach to analyzing calcareous protists for present and past pelagic ecology: Comprehensive analysis of 3D-morphology, stable isotopes, and genes of planktic foraminifers. <i>PLoS ONE</i> , 2019, 14, e0213282.	2.5	5
9	Isotopic evidence of connectivity between an inshore vegetated lagoon (nursery habitat) and coastal artificial reefs (adult habitats) for the reef fish <i>Lethrinus lentjan</i> on the Terengganu coast, Malaysia. <i>Marine and Freshwater Research</i> , 2019, 70, 1675.	1.3	4
10	Combining microvolume isotope analysis and numerical simulation to reproduce fish migration history. <i>Methods in Ecology and Evolution</i> , 2019, 10, 59-69.	5.2	44
11	A review of issues on elucidation of climate variability impacts on living marine resources and future perspectives. <i>Oceanography in Japan</i> , 2018, 27, 59-73.	0.5	5
12	Ecological and genomic profiling of anaerobic methane-oxidizing archaea in a deep granitic environment. <i>ISME Journal</i> , 2018, 12, 31-47.	9.8	59
13	Effects of elevated CO ₂ on shell $\delta^{13}C$ and $\delta^{18}O$ content and growth rates in the clam <i>Scapharca broughtonii</i> . <i>Geochimica Et Cosmochimica Acta</i> , 2018, 235, 246-261.	3.9	5
14	Temperature dependence of $\delta^{18}O$ in otolith of juvenile Japanese sardine: Laboratory rearing experiment with micro-scale analysis. <i>Fisheries Research</i> , 2017, 194, 55-59.	1.7	37
15	Grain-scale stable carbon and oxygen isotopic variations of the international reference calcite, IAEA-603. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 1875-1880.	1.5	13
16	Mass occurrence of the enigmatic gastropod <i>Elmira</i> in the Late Cretaceous Sada Limestone seep deposit in southwestern Shikoku, Japan. <i>Palaontologische Zeitschrift</i> , 2016, 90, 701-722.	1.6	7
17	Formation and Geological Sequestration of Uranium Nanoparticles in Deep Granitic Aquifer. <i>Scientific Reports</i> , 2016, 6, 22701.	3.3	16
18	Geochemical imprints of genotypic variants of <i>Globigerina bulloides</i> in the Arabian Sea. <i>Paleoceanography</i> , 2016, 31, 1440-1452.	3.0	21

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19	Individual Migration Pathways of Modern Planktic Foraminifers: Chamber-by-Chamber Assessment of Stable Isotopes. <i>Paleontological Research</i> , 2016, 20, 268-284.	1.0	10
20	Exploring photosymbiotic ecology of planktic foraminifers from chamber-by-chamber isotopic history of individual foraminifers. <i>Paleobiology</i> , 2015, 41, 108-121.	2.0	19
21	Stable carbon isotope values in dissolved inorganic carbon of ambient waters and shell carbonate of the freshwater pearl mussel (<i>Hyriopsis</i> sp.). <i>Journal of Paleolimnology</i> , 2015, 54, 37-51.	1.6	10
22	Skeletal oxygen and carbon isotope compositions of <i>Acropora</i> coral primary polyps experimentally cultured at different temperatures. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 2840-2849.	2.5	12
23	Skeletal isotopic responses of the Scleractinian coral <i>Isopora palifera</i> to experimentally controlled water temperatures. <i>Geochemical Journal</i> , 2014, 48, e9-e14.	1.0	9
24	Growth-rate influences on coral climate proxies tested by a multiple colony culture experiment. <i>Earth and Planetary Science Letters</i> , 2013, 362, 198-206.	4.4	53
25	Otolith $\delta^{18}\text{O}$ of Pacific bluefin tuna <i>Thunnus orientalis</i> as an indicator of ambient water temperature. <i>Marine Ecology - Progress Series</i> , 2013, 481, 199-209.	1.9	39
26	Seasonal changes in the shell microstructure of the bloody clam, <i>Scapharca broughtonii</i> (Mollusca: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.3	33
27	Variation in stable carbon and oxygen isotopes of individual benthic foraminifera: tracers for quantifying the magnitude of isotopic disequilibrium. <i>Biogeosciences</i> , 2012, 9, 4353-4367.	3.3	27
28	Biological and water chemistry controls on Sr/Ca, Ba/Ca, Mg/Ca and $\delta^{18}\text{O}$ profiles in freshwater pearl mussel <i>Hyriopsis</i> sp.. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 309, 298-308.	2.3	36
29	Stable hydrogen isotopic analysis of nanomolar molecular hydrogen by automatic multi-step gas chromatographic separation. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 3351-3359.	1.5	11
30	Geomicrobiological Properties of Ultra-Deep Granitic Groundwater from the Mizunami Underground Research Laboratory (MIU), Central Japan. <i>Microbial Ecology</i> , 2010, 60, 214-225.	2.8	31
31	Abrupt shift toward cooler condition in the earliest 20th century detected in a 165 year coral record from Ishigaki Island, southwestern Japan. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	10
32	The living triserial planktic foraminifer <i>Gallitellia vivans</i> (Cushman): Distribution, stable isotopes, and paleoecological implications. <i>Marine Micropaleontology</i> , 2009, 71, 71-79.	1.2	22
33	Determination of the $^{15}\text{N}/^{14}\text{N}$, $^{17}\text{O}/^{16}\text{O}$, and $^{18}\text{O}/^{16}\text{O}$ ratios of nitrous oxide by using continuous-flow isotope ratio mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 1587-1596.	1.5	40
34	Grain-scale heterogeneities in the stable carbon and oxygen isotopic compositions of the international standard calcite materials (NBS 19, NBS 18, IAEA CO-1, and IAEA CO-8). <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 1925-1932.	1.5	59
35	Radiocarbon-based carbon source quantification of anomalous isotopic foraminifera in last glacial sediments in the western North Pacific. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	2.5	38
36	Characteristics of calcareous concretions with <i>Calyptogena</i> sp. in the Miocene Morai Formation, Hokkaido. <i>Journal of the Geological Society of Japan</i> , 2005, 111, VII-VIII.	0.6	4

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37	Stable carbon and oxygen isotopic determination of sub-microgram quantities of CaCO ₃ to analyze individual foraminiferal shells. Rapid Communications in Mass Spectrometry, 2004, 18, 2883-2888.	1.5	64