

Naohiko Ohkouchi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9600590/publications.pdf>

Version: 2024-02-01

202
papers

6,935
citations

71102

41
h-index

79698

73
g-index

203
all docs

203
docs citations

203
times ranked

6947
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomass Pyramids of Marine Mesozooplankton Communities as Inferred From Their Integrated Trophic Positions. <i>Ecosystems</i> , 2023, 26, 217-231.	3.4	3
2	Compound-Specific Nitrogen Isotope Analysis of Amino Acids in Eye Lenses as a New Tool to Reconstruct the Geographic and Trophic Histories of Fish. <i>Frontiers in Marine Science</i> , 2022, 8, .	2.5	7
3	Specifying subsistence strategies of early farmers: New results from compound-specific isotopic analysis of amino acids. <i>International Journal of Osteoarchaeology</i> , 2022, 32, 654-668.	1.2	3
4	Trophic niche separation of two non-spinose planktonic foraminifers <i>Neogloboquadrina dutertrei</i> and <i>Pulleniatina obliquiloculata</i> . <i>Progress in Earth and Planetary Science</i> , 2022, 9, .	3.0	2
5	Origin of Deep Methane Associated with a Unique Community of Microorganisms in an Organic- and Iodine-Rich Aquifer. <i>ACS Earth and Space Chemistry</i> , 2021, 5, 1-11.	2.7	6
6	Discovery of a colossal slickhead (Alepocephaliformes: Alepocephalidae): an active-swimming top predator in the deep waters of Suruga Bay, Japan. <i>Scientific Reports</i> , 2021, 11, 2490.	3.3	6
7	X-ray fluorescence core scanning, magnetic signatures, and organic geochemistry analyses of Ryukyu Trench sediments: turbidites and hemipelagites. <i>Progress in Earth and Planetary Science</i> , 2021, 8, .	3.0	6
8	Stable Strontium Isotopic Compositions of River Water, Groundwater and Sediments From the Ganges-Brahmaputra-Meghna River System in Bangladesh. <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	7
9	Beryllium isotopes in sediments from Lake Maruwan Oike and Lake Skallen, East Antarctica, reveal substantial glacial discharge during the late Holocene. <i>Quaternary Science Reviews</i> , 2021, 256, 106841.	3.0	9
10	Biomarkers in the rock outcrop of the Kazusa Group reveal palaeoenvironments of the Kuroshio region. <i>Communications Earth & Environment</i> , 2021, 2, .	6.8	1
11	Dating Lake Sediments Using Compound-Specific ¹⁴ C Analysis of ¹⁶ C Fatty Acid: A Case Study From the Mount Fuji Volcanic Region, Japan. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2020GC009544.	2.5	2
12	Analytical development of seamless procedures on cation-exchange chromatography and ion-pair chromatography with high-precision mass spectrometry for short-chain peptides. <i>International Journal of Mass Spectrometry</i> , 2021, 463, 116529.	1.5	4
13	Influences of Ocean Currents on the Diets of Demersal Fish Communities in the Western North Pacific Revealed by Their Muscle Carbon and Nitrogen Isotopic Compositions. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	8
14	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
15	Organic matter in carbonaceous chondrite lithologies of Almahata Sitta: Incorporation of previously unsampled carbonaceous chondrite lithologies into ureilitic regolith. <i>Meteoritics and Planetary Science</i> , 2021, 56, 1311-1327.	1.6	5
16	The Influence of Weathering, Water Sources, and Hydrological Cycles on Lithium Isotopic Compositions in River Water and Groundwater of the Ganges-Brahmaputra-Meghna River System in Bangladesh. <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	0
17	Carbon and nitrogen stable isotopic offsets between diet and hair/feces in captive orangutans. <i>Primates</i> , 2021, 62, 945-954.	1.1	5
18	Insights into the Methanogenic Population and Potential in Subsurface Marine Sediments Based on Coenzyme F430 as a Function-Specific Biomarker. <i>Jacs Au</i> , 2021, 1, 1743-1751.	7.9	6

#	ARTICLE	IF	CITATIONS
19	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
20	Redox-Controlled Ammonium Storage and Overturn in Ediacaran Oceans. <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	0
21	Detection of planktonic coenzyme factor 430 in a freshwater lake: small-scale analysis for probing archaeal methanogenesis. <i>Progress in Earth and Planetary Science</i> , 2021, 8, .	3.0	3
22	Primordial organic matter in the xenolithic clast in the Zag H chondrite: Possible relation to D/P asteroids. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 271, 61-77.	3.9	12
23	Quantification and Carbon and Nitrogen Isotopic Measurements of Heme B in Environmental Samples. <i>Analytical Chemistry</i> , 2020, 92, 11213-11222.	6.5	14
24	A method for stable carbon isotope measurement of underivatized individual amino acids by multi-dimensional high-performance liquid chromatography and elemental analyzer/isotope ratio mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8885.	1.5	15
25	Marine Os isotopic evidence for multiple volcanic episodes during Cretaceous Oceanic Anoxic Event 1b. <i>Scientific Reports</i> , 2020, 10, 12601.	3.3	39
26	A Systematic Assessment of Stable Sr Isotopic Compositions of Vent Fluids in Arc/Back-Arc Hydrothermal Systems: Effects of Host Rock Type, Phase Separation, and Overlying Sediment. <i>Frontiers in Earth Science</i> , 2020, 8, .	1.8	8
27	Tracking long-distance migration of marine fishes using compound-specific stable isotope analysis of amino acids. <i>Ecology Letters</i> , 2020, 23, 881-890.	6.4	35
28	Combined use of radiocarbon and stable carbon isotopes for the source mixing model in a stream food web. <i>Limnology and Oceanography</i> , 2020, 65, 2688-2696.	3.1	7
29	Evaluation of $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ Uncertainties Associated with the Compound-Specific Isotope Analysis of Geoporphyrins. <i>Analytical Chemistry</i> , 2020, 92, 3152-3160.	6.5	14
30	Compound-Specific Radiocarbon Analysis of Organic Compounds from Mount Fuji Proximal Lake (Lake Tj ETQqO 0,0rgBT /Oyerlock 10	1.8	0
31	Timing and pathways of East Antarctic Ice Sheet retreat. <i>Quaternary Science Reviews</i> , 2020, 230, 106166.	3.0	43
32	Genomic and geochemical identification of the long-chain alkenone producers in the estuarine Lake Takahoko, Japan: Implications for temperature reconstructions. <i>Organic Geochemistry</i> , 2020, 142, 103980.	1.8	3
33	Monsoons, Upwelling, and the Deoxygenation of the Northwestern Indian Ocean in Response to Middle to Late Miocene Global Climatic Shifts. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2019PA003762.	2.9	28
34	A new insight into isotopic fractionation associated with decarboxylation in organisms: implications for amino acid isotope approaches in biogeoscience. <i>Progress in Earth and Planetary Science</i> , 2020, 7, .	3.0	22
35	Magnesium Isotopic Composition of Tests of Large Benthic Foraminifers: Implications for Biomineralization. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 4046-4058.	2.5	3
36	Strong correspondence between nitrogen isotope composition of foliage and chlorin across a rainfall gradient: implications for paleo-reconstruction of the nitrogen cycle. <i>Biogeosciences</i> , 2019, 16, 3869-3882.	3.3	1

#	ARTICLE	IF	CITATIONS
37	Biomarker records and mineral compositions of the Messinian halite and ^{40}K - ^{26}Mg salts from Sicily. <i>Progress in Earth and Planetary Science</i> , 2019, 6, .	3.0	3
38	Development of a Purification Method for Compound Specific Carbon Isotope Analysis of Phytosterols and Long-chain α - ω -fatty Acids in Higher Plants. <i>Bunseki Kagaku</i> , 2019, 68, 297-306.	0.2	0
39	An early Aurignacian arrival in southwestern Europe. <i>Nature Ecology and Evolution</i> , 2019, 3, 207-212.	7.8	55
40	Amino acid $\delta^{15}\text{N}$ analysis reveals change in the importance of freshwater resources between the hunter-gatherer and farmer in the Neolithic upper Tigris. <i>American Journal of Physical Anthropology</i> , 2019, 168, 676-686.	2.1	14
41	Small- to ultra-small-scale radiocarbon measurements using newly installed single-stage AMS at the University of Tokyo. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2019, 455, 238-243.	1.4	18
42	Diazotrophy Drives Primary Production in the Organic-Rich Shales Deposited Under a Stratified Environment During the Messinian Salinity Crisis (Vena del Gesso, Italy). <i>Frontiers in Earth Science</i> , 2019, 7, .	1.8	9
43	Reply to "Dating on its own cannot resolve hominin occupation patterns" and "No reliable evidence for a very early Aurignacian in Southern Iberia". <i>Nature Ecology and Evolution</i> , 2019, 3, 714-715.	7.8	4
44	Magnesium Isotope Fractionation during Synthesis of Chlorophyll <i>a</i> and Bacteriochlorophyll <i>a</i> of Benthic Phototrophs in Hypersaline Environments. <i>ACS Earth and Space Chemistry</i> , 2019, 3, 1073-1079.	2.7	7
45	Quenched Nitrogen-included Carbonaceous Composite (QNCC): A powerful candidate of the carriers of the UIR bands in classical novae. <i>Proceedings of the International Astronomical Union</i> , 2019, 15, 425-426.	0.0	0
46	Extraterrestrial ribose and other sugars in primitive meteorites. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 24440-24445.	7.1	158
47	Molecular and isotopic compositions of nitrogen-containing organic molecules formed during UV-irradiation of simulated interstellar ice. <i>Geochemical Journal</i> , 2019, 53, 5-20.	1.0	6
48	Nutritional sources of meio- and macrofauna at hydrothermal vents and adjacent areas: natural-abundance radiocarbon and stable isotope analyses. <i>Marine Ecology - Progress Series</i> , 2019, 622, 49-65.	1.9	20
49	Quest into Peptide Molecules: Unseen Important Targets in Organic Geochemistry. , 2019, , .		0
50	An experimental study on impact-induced alterations of planetary organic simulants. <i>Meteoritics and Planetary Science</i> , 2018, 53, 1267-1282.	1.6	4
51	Changes in detrital input, ventilation and productivity in the central Okhotsk Sea during the marine isotope stage 5e, penultimate interglacial period. <i>Journal of Asian Earth Sciences</i> , 2018, 156, 189-200.	2.3	4
52	A primordial and reversible TCA cycle in a facultatively chemolithoautotrophic thermophile. <i>Science</i> , 2018, 359, 559-563.	12.6	155
53	Dining together: Reconstruction of Neolithic food consumption based on the $\delta^{15}\text{N}$ values for individual amino acids at Tell el-Kerkh, northern Levant. <i>Journal of Archaeological Science: Reports</i> , 2018, 17, 775-784.	0.5	6
54	Reply to "Comment on "Ecological niche of Neanderthals from Spy Cave revealed by nitrogen isotopes of individual amino acids in collagen."]. <i>J. Hum. Evol.</i> 93 (2016) 82-90]. <i>J. Hum. Evol.</i> 117 (2018) 53-55]. <i>Journal of Human Evolution</i> , 2018, 117, 56-60.	2.6	10

#	ARTICLE	IF	CITATIONS
55	Lithium, magnesium and sulfur purification from seawater using an ion chromatograph with a fraction collector system for stable isotope measurements. <i>Journal of Chromatography A</i> , 2018, 1531, 157-162.	3.7	16
56	Nitrogen-included Carbonaceous Compounds (NCC): Laboratory-synthesized organics as the probable candidate for the carrier of the UIR bands observed in dusty classical novae. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 343-344.	0.0	0
57	Amino acids on witness coupons collected from the ISAS/JAXA curation facility for the assessment and quality control of the Hayabusa2 sampling procedure. <i>Earth, Planets and Space</i> , 2018, 70, .	2.5	8
58	Insight into anaerobic methanotrophy from $^{13}\text{C}/^{12}\text{C}$ - amino acids and $^{14}\text{C}/^{12}\text{C}$ -ANME cells in seafloor microbial ecology. <i>Scientific Reports</i> , 2018, 8, 14070.	3.3	15
59	A new analytical method for determination of the nitrogen isotopic composition of methionine: Its application to aquatic ecosystems with mixed resources. <i>Limnology and Oceanography: Methods</i> , 2018, 16, 607-620.	2.0	23
60	Extraordinary cold episodes during the mid-Holocene in the Yangtze delta: Interruption of the earliest rice cultivating civilization. <i>Quaternary Science Reviews</i> , 2018, 201, 418-428.	3.0	44
61	Improved Method for Isolation and Purification of Underivatized Amino Acids for Radiocarbon Analysis. <i>Analytical Chemistry</i> , 2018, 90, 12035-12041.	6.5	20
62	Orbital-scale environmental and climatic changes recorded in a new $\sim 200,000$ -year-long multiproxy sedimentary record from Padul, southern Iberian Peninsula. <i>Quaternary Science Reviews</i> , 2018, 198, 91-114.	3.0	35
63	Piscivory of the Japanese giant box jellyfish <i>Morbakka virulenta</i> . <i>Plankton and Benthos Research</i> , 2018, 13, 66-74.	0.6	1
64	Quantitative analysis of underivatized amino acids in the sub- to several-nanomolar range by ion-pair HPLC using a corona-charged aerosol detector (HPLC-CAD). <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1095, 191-197.	2.3	28
65	Compound-specific isotope analysis of benthic foraminifer amino acids suggests microhabitat variability in rocky-shore environments. <i>Ecology and Evolution</i> , 2018, 8, 8380-8395.	1.9	25
66	Nitrate Isotope Distribution in the Subarctic and Subtropical North Pacific. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 2212-2224.	2.5	16
67	Development of a Method to Isolate Glutamic Acid from Foodstuffs for a Precise Determination of Their Stable Carbon Isotope Ratio. <i>Analytical Sciences</i> , 2018, 34, 571-574.	1.6	6
68	Fractionation of stable nitrogen isotopes ($^{15}\text{N}/^{14}\text{N}$) during enzymatic deamination of glutamic acid: Implications for mass and energy transfers in the biosphere. <i>Geochemical Journal</i> , 2018, 52, 273-280.	1.0	13
69	Polychlorinated biphenyls (PCBs) in deep-sea organisms and sediments off Tohoku after the Great East Japan Earthquake in 2011. <i>Nippon Suisan Gakkaishi</i> , 2018, 84, 897-900.	0.1	0
70	Altrivalent substitution of sodium for calcium in biogenic calcite and aragonite. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 202, 21-38.	3.9	57
71	Pigmente - Indikatoren für Umweltveränderungen. <i>Nachrichten Aus Der Chemie</i> , 2017, 65, 16-20.	0.0	0
72	Consistency in coral skeletal amino acid composition offshore of Palau in the western Pacific warm pool indicates no impact of decadal variability in nitricline depth on primary productivity. <i>Limnology and Oceanography</i> , 2017, 62, 399-407.	3.1	7

#	ARTICLE	IF	CITATIONS
73	Nitrogen Isotopic Fractionation in Ammonia during Adsorption on Silicate Surfaces. <i>ACS Earth and Space Chemistry</i> , 2017, 1, 24-29.	2.7	17
74	Biological and physical modification of carbonate system parameters along the salinity gradient in shallow hypersaline solar salterns in Trapani, Italy. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 208, 354-367.	3.9	15
75	Preference for fish in a Neolithic hunter-gatherer community of the upper Tigris, elucidated by amino acid $\delta^{15}\text{N}$ analysis. <i>Journal of Archaeological Science</i> , 2017, 82, 40-49.	2.4	23
76	Fractionation of nitrogen isotopes during amino acid metabolism in heterotrophic and chemolithoautotrophic microbes across Eukarya, Bacteria, and Archaea: Effects of nitrogen sources and metabolic pathways. <i>Organic Geochemistry</i> , 2017, 111, 101-112.	1.8	46
77	Free-Radical Polymerization of Acrylic Acid under Extreme Reaction Conditions Mimicking Deep-Sea Hydrothermal Vents. <i>ACS Omega</i> , 2017, 2, 2765-2769.	3.5	12
78	Microbial Eukaryotes that Lack Sterols. <i>Journal of Eukaryotic Microbiology</i> , 2017, 64, 897-900.	1.7	14
79	Trophic discrimination factor of nitrogen isotopes within amino acids in the dobsonfly <i>Protoparce grandis</i> (Megaloptera: Corydalidae) larvae in a controlled feeding experiment. <i>Ecology and Evolution</i> , 2017, 7, 1674-1679.	1.9	11
80	Unpacking brown food webs: Animal trophic identity reflects rampant microbivory. <i>Ecology and Evolution</i> , 2017, 7, 3532-3541.	1.9	82
81	Genomic Evidence that Methanotrophic Endosymbionts Likely Provide Deep-Sea Bathymodiolus Mussels with a Sterol Intermediate in Cholesterol Biosynthesis. <i>Genome Biology and Evolution</i> , 2017, 9, 1148-1160.	2.5	28
82	Trophic interaction among organisms in a seagrass meadow ecosystem as revealed by bulk $\delta^{13}\text{C}$ and amino acid $\delta^{15}\text{N}$ analyses. <i>Limnology and Oceanography</i> , 2017, 62, 1426-1435.	3.1	36
83	High-Precision Simultaneous $\delta^{18}\text{O}/\delta^{16}\text{O}$, $\delta^{13}\text{C}/\delta^{12}\text{C}$, and $\delta^{17}\text{O}/\delta^{16}\text{O}$ Analyses for Microgram Quantities of CaCO_3 by Tunable Infrared Laser Absorption Spectroscopy. <i>Analytical Chemistry</i> , 2017, 89, 11846-11852.	6.5	22
84	Intra-trophic isotopic discrimination of $\delta^{15}\text{N}/\delta^{14}\text{N}$ for amino acids in autotrophs: Implications for nitrogen dynamics in ecological studies. <i>Ecology and Evolution</i> , 2017, 7, 2916-2924.	1.9	18
85	Advances in the application of amino acid nitrogen isotopic analysis in ecological and biogeochemical studies. <i>Organic Geochemistry</i> , 2017, 113, 150-174.	1.8	213
86	Integrated trophic position decreases in more diverse communities of stream food webs. <i>Scientific Reports</i> , 2017, 7, 2130.	3.3	12
87	Isotopic analyses suggest mammoth and plant in the diet of the oldest anatomically modern humans from far southeast Europe. <i>Scientific Reports</i> , 2017, 7, 6833.	3.3	35
88	Trophic position and dietary breadth of bats revealed by nitrogen isotopic composition of amino acids. <i>Scientific Reports</i> , 2017, 7, 15932.	3.3	12
89	Stable carbon isotope compositions of foot tissue, conchiolin opercula, and organic matrix within the shells of two marine gastropods from a seagrass meadow in the Philippines. <i>Geochemical Journal</i> , 2017, 51, 241-250.	1.0	1
90	â...-1. Debris by the huge Tsunami triggered by the Great East Japan Earthquake, Impact on the marine ecosystem. <i>Nippon Suisan Gakkaishi</i> , 2016, 82, 136-136.	0.1	0

#	ARTICLE	IF	CITATIONS
91	An X-ray spectroscopic perspective on Messinian evaporite from Sicily: Sedimentary fabrics, element distributions, and chemical environments of S and Mg. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 1383-1400.	2.5	11
92	Seasonal changes in infection with trematode species utilizing jellyfish as hosts: evidence of transmission to definitive host fish via medusivory. <i>Parasite</i> , 2016, 23, 16.	2.0	14
93	A monitoring result of polychlorinated biphenyls (PCBs) in deep-sea organisms and sediments off Tohoku during 2012–2014: temporal variation and the relationship with the trophic position. <i>Journal of Oceanography</i> , 2016, 72, 629-639.	1.7	18
94	Distributions and compound-specific isotopic signatures of sedimentary chlorins reflect the composition of photoautotrophic communities and their carbon and nitrogen sources in Swiss lakes and the Black Sea. <i>Chemical Geology</i> , 2016, 443, 198-209.	3.3	13
95	Compound-specific carbon and nitrogen isotopic compositions of chlorophyll a and its derivatives reveal the eutrophication history of Lake Zurich (Switzerland). <i>Chemical Geology</i> , 2016, 441, 138.	3.3	5
96	A late Holocene molecular hydrogen isotope record of the East Asian Summer Monsoon in Southwest Japan. <i>Quaternary Research</i> , 2016, 86, 287-294.	1.7	10
97	Evidence for herbivorous cave bears (<i>Ursus spelaeus</i>) in Goyet Cave, Belgium: implications for palaeodietary reconstruction of fossil bears using amino acid $\delta^{15}\text{N}$ approaches. <i>Journal of Quaternary Science</i> , 2016, 31, 598-606.	2.1	23
98	Compound-specific carbon and nitrogen isotopic compositions of chlorophyll a and its derivatives reveal the eutrophication history of Lake Zurich (Switzerland). <i>Chemical Geology</i> , 2016, 443, 210-219.	3.3	9
99	Miocene to Pleistocene osmium isotopic records of the Mediterranean sediments. <i>Paleoceanography</i> , 2016, 31, 148-166.	3.0	12
100	Terrestrial-aquatic linkage in stream food webs along a forest chronosequence: multi-isotopic evidence. <i>Ecology</i> , 2016, 97, 1146-1158.	3.2	19
101	Amino acid compositions in heated carbonaceous chondrites and their compound-specific nitrogen isotopic ratios. <i>Earth, Planets and Space</i> , 2016, 68, .	2.5	22
102	Widespread collapse of the Ross Ice Shelf during the late Holocene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 2354-2359.	7.1	97
103	An overview of methods used for the detection of aquatic resource consumption by humans: Compound-specific $\delta\text{N-15}$ analysis of amino acids in archaeological materials. <i>Journal of Archaeological Science: Reports</i> , 2016, 6, 720-732.	0.5	19
104	Ecological niche of Neanderthals from Spy Cave revealed by nitrogen isotopes of individual amino acids in collagen. <i>Journal of Human Evolution</i> , 2016, 93, 82-90.	2.6	96
105	Insight into nitrous oxide production processes in the western North Pacific based on a marine ecosystem isotopomer model. <i>Journal of Oceanography</i> , 2016, 72, 491-508.	1.7	13
106	Estimation of methanogenesis by quantification of coenzyme F430 in marine sediments. <i>Geochemical Journal</i> , 2016, 50, 453-460.	1.0	7
107	Approach to determine individual trophic level and the difference in food sources of Japanese anchovy <i>Engraulis japonicus</i> in Sagami Bay, based on compound-specific nitrogen stable isotope analysis of amino acids. <i>Fisheries Science</i> , 2015, 81, 1053-1062.	1.6	7
108	An approach for measuring the $^{129}\text{I}/^{127}\text{I}$ ratio in fish samples. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015, 361, 414-418.	1.4	2

#	ARTICLE	IF	CITATIONS
109	Diet quality influences isotopic discrimination among amino acids in an aquatic vertebrate. <i>Ecology and Evolution</i> , 2015, 5, 2048-2059.	1.9	64
110	The origin of Cretaceous black shales: a change in the surface ocean ecosystem and its triggers. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2015, 91, 273-291.	3.8	27
111	Earliest evidence of pollution by heavy metals in archaeological sites. <i>Scientific Reports</i> , 2015, 5, 14252.	3.3	35
112	Terrestrial environmental changes around the Gulf of Aden over the last 210 kyr deduced from the sediment n-alkane record: Implications for the dispersal of <i>Homo sapiens</i> . <i>Geophysical Research Letters</i> , 2015, 42, 1880-1887.	4.0	3
113	Variation in the nitrogen isotopic composition of amino acids in benthic foraminifera: Implications for their adaptation to oxygen-depleted environments. <i>Limnology and Oceanography</i> , 2015, 60, 1906-1916.	3.1	25
114	Chlorophyll <i>a</i> -specific $\delta^{14}\text{C}$, $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ values in stream periphyton: implications for aquatic food web studies. <i>Biogeosciences</i> , 2015, 12, 6781-6789.	3.3	24
115	Varying responses to Indian monsoons during the past 220 kyr recorded in deep-sea sediments in inner and outer regions of the Gulf of Aden. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 7253-7270.	2.6	6
116	Sources of Dissolved Inorganic Carbon in Two Small Streams with Different Bedrock Geology: Insights from Carbon Isotopes. <i>Radiocarbon</i> , 2015, 57, 439-448.	1.8	24
117	Isolation of underivatized amino acids by ion-pair high performance liquid chromatography for precise measurement of nitrogen isotopic composition of amino acids: Development of comprehensive LC- GC/IRMS method. <i>International Journal of Mass Spectrometry</i> , 2015, 379, 16-25.	1.5	32
118	Biochemical and physiological bases for the use of carbon and nitrogen isotopes in environmental and ecological studies. <i>Progress in Earth and Planetary Science</i> , 2015, 2, .	3.0	87
119	Beneficial or not? Decoding carnivore roles in plant protection. <i>Biological Control</i> , 2015, 91, 34-41.	3.0	4
120	Microbes are trophic analogs of animals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15119-15124.	7.1	113
121	Refinement of reconstructed ancient food webs based on the nitrogen isotopic compositions of amino acids from bone collagen: A case study of archaeological herbivores from Tell Ain el-Kerkh, Syria. <i>Geochemical Journal</i> , 2014, 48, e15-e19.	1.0	14
122	Nitrate uptake by foraminifera and use in conjunction with endobionts under anoxic conditions. <i>Limnology and Oceanography</i> , 2014, 59, 1879-1888.	3.1	27
123	High-resolution food webs based on nitrogen isotopic composition of amino acids. <i>Ecology and Evolution</i> , 2014, 4, 2423-2449.	1.9	160
124	Compound-Specific ^{14}C Dating of IODP Expedition 318 Core U1357A Obtained Off the Wilkes Land Coast, Antarctica. <i>Radiocarbon</i> , 2014, 56, 1009-1017.	1.8	33
125	Quantitative Analysis of Coenzyme F430 in Environmental Samples: A New Diagnostic Tool for Methanogenesis and Anaerobic Methane Oxidation. <i>Analytical Chemistry</i> , 2014, 86, 3633-3638.	6.5	31
126	Complete genome of a nonphotosynthetic cyanobacterium in a diatom reveals recent adaptations to an intracellular lifestyle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 11407-11412.	7.1	121

#	ARTICLE	IF	CITATIONS
127	Trophic position estimates of formalin-fixed samples with nitrogen isotopic compositions of amino acids: an application to gobiid fish (Isaza) in Lake Biwa, Japan. <i>Ecological Research</i> , 2013, 28, 697-702.	1.5	33
128	Hydrogen Cyanide Production due to Mid-Size Impacts in a Redox-Neutral N ₂ -Rich Atmosphere. <i>Origins of Life and Evolution of Biospheres</i> , 2013, 43, 221-245.	1.9	27
129	Evaluation of carnivory in inland Jomon hunter-gatherers based on nitrogen isotopic compositions of individual amino acids in bone collagen. <i>Journal of Archaeological Science</i> , 2013, 40, 2913-2923.	2.4	39
130	Nitrogen isotopic composition of collagen amino acids as an indicator of aquatic resource consumption: insights from Mesolithic and Epipalaeolithic archaeological sites in France. <i>World Archaeology</i> , 2013, 45, 338-359.	1.1	61
131	Redox conditions in the atmosphere and shallow-marine environments during the first Huronian deglaciation: Insights from Os isotopes and redox-sensitive elements. <i>Earth and Planetary Science Letters</i> , 2013, 376, 145-154.	4.4	9
132	Distribution and isotopic signatures of archaeal lipid biomarkers associated with gas hydrate occurrences on the northern Cascadia Margin. <i>Chemical Geology</i> , 2013, 343, 76-84.	3.3	9
133	Detection of coenzyme F430 in deep sea sediments: A key molecule for biological methanogenesis. <i>Organic Geochemistry</i> , 2013, 58, 137-140.	1.8	20
134	A preliminary estimate of the trophic position of the deep-water ram's horn squid <i>Spirula spirula</i> based on the nitrogen isotopic composition of amino acids. <i>Marine Biology</i> , 2013, 160, 773-779.	1.5	36
135	Reprint of "Stable hydrogen and carbon isotopic compositions of long-chain (C ₂₁ -C ₃₃) n-alkanes and n-alkenes in insects". <i>Geochimica Et Cosmochimica Acta</i> , 2013, 111, 78-87.	3.9	8
136	A low trophic position of Japanese eel larvae indicates feeding on marine snow. <i>Biology Letters</i> , 2013, 9, 20120826.	2.3	88
137	An interlaboratory study of TEX ₈₆ and BIT analysis of sediments, extracts, and standard mixtures. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 5263-5285.	2.5	76
138	Trophic Hierarchies Illuminated via Amino Acid Isotopic Analysis. <i>PLoS ONE</i> , 2013, 8, e76152.	2.5	108
139	Stable hydrogen and carbon isotopic compositions of long-chain (C ₂₁ -C ₃₃) n-alkanes and n-alkenes in insects. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 95, 53-62.	3.9	14
140	Holocene lake development and glacial-isostatic uplift at Lake Skallen and Lake Oyako, Lützow-Holm Bay, East Antarctica: Based on biogeochemical facies and molecular signatures. <i>Applied Geochemistry</i> , 2012, 27, 2546-2559.	3.0	27
141	High-resolution lithostratigraphy and organic carbon isotope stratigraphy of the Lower Triassic pelagic sequence in central Japan. <i>Island Arc</i> , 2012, 21, 79-100.	1.1	15
142	Lateral transfer of tetrahymanol-synthesizing genes has allowed multiple diverse eukaryote lineages to independently adapt to environments without oxygen. <i>Biology Direct</i> , 2012, 7, 5.	4.6	41
143	Characterization and production and consumption processes of N ₂ O emitted from temperate agricultural soils determined via isotopomer ratio analysis. <i>Global Biogeochemical Cycles</i> , 2011, 25, n/a-n/a.	4.9	123
144	Direct evidence for the alteration of ¹³ C natural abundances during early diagenesis in Lake Kasumigaura, Japan. <i>Geochemistry, Geophysics, Geosystems</i> , 2011, 12, n/a-n/a.	2.5	8

#	ARTICLE	IF	CITATIONS
145	Seasonal variations in the nitrogen isotope composition of Okinotori coral in the tropical western Pacific: A new proxy for marine nitrate dynamics. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	13
146	Lead isotopic record of Barremian–Aptian marine sediments: Implications for large igneous provinces and the Aptian climatic crisis. <i>Earth and Planetary Science Letters</i> , 2011, 307, 126-134.	4.4	50
147	¹⁵ N/ ¹⁴ N ratios of amino acids as a tool for studying terrestrial food webs: a case study of terrestrial insects (bees, wasps, and hornets). <i>Ecological Research</i> , 2011, 26, 835-844.	1.5	108
148	New organic reference materials for carbon- and nitrogen-stable isotope ratio measurements provided by Center for Ecological Research, Kyoto University, and Institute of Biogeosciences, Japan Agency for Marine-Earth Science and Technology. <i>Limnology</i> , 2011, 12, 261-266.	1.5	124
149	Mammalian DNA ¹⁵ N exhibits‰ intramolecular variation and is unresponsive to dietary protein level. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 3555-3562.	1.5	7
150	Temperature effect on leaf water deuterium enrichment and isotopic fractionation during leaf lipid biosynthesis: Results from controlled growth of C3 and C4 land plants. <i>Phytochemistry</i> , 2011, 72, 207-213.	2.9	58
151	Osmium evidence for synchronicity between a rise in atmospheric oxygen and Palaeoproterozoic deglaciation. <i>Nature Communications</i> , 2011, 2, 502.	12.8	16
152	Differing utilization of glucose and algal particulate organic matter by deep-sea benthic organisms of Sagami Bay, Japan. <i>Marine Ecology - Progress Series</i> , 2011, 431, 11-24.	1.9	24
153	Response of the benthic foraminiferal community to a simulated short-term phytodetritus pulse in the abyssal North Pacific. <i>Marine Ecology - Progress Series</i> , 2011, 438, 129-142.	1.9	40
154	ç™½ä°œç‘€ã«ããã,ãšè æ”ç«ã±±æ»ã•ã•œ°çç’ãçfã%ã•ã•ãfãfãã, . <i>Journal of Geography (Chigaku Zasshi)</i> , 2010, 119, 534-555	2.0	20
155	Quantitative evaluation of marine protein contribution in ancient diets based on nitrogen isotope ratios of individual amino acids in bone collagen: An investigation at the Kitakogane Jomon site. <i>American Journal of Physical Anthropology</i> , 2010, 143, 31-40.	2.1	91
156	Isolation and desalting with cation-exchange chromatography for compound-specific nitrogen isotope analysis of amino acids: application to biogeochemical samples. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 2317-2323.	1.5	72
157	Sedimentary membrane lipids recycled by deep-sea benthic archaea. <i>Nature Geoscience</i> , 2010, 3, 858-861.	12.9	103
158	Dietary Reconstruction of the Okhotsk Culture of Hokkaido, Japan, Based on Nitrogen Composition of Amino Acids: Implications for Correction of ¹⁴ C Marine Reservoir Effects on Human Bones. <i>Radiocarbon</i> , 2010, 52, 671-681.	1.8	38
159	Developing Ultra Small-Scale Radiocarbon Sample Measurement at the University of Tokyo. <i>Radiocarbon</i> , 2010, 52, 310-318.	1.8	73
160	Anomalous negative excursion of carbon isotope in organic carbon after the last Paleoproterozoic glaciation in North America. <i>Geochemistry, Geophysics, Geosystems</i> , 2010, 11, .	2.5	7
161	Geochemistry of modern carbonaceous sediments overlain by a water mass showing photic zone anoxia in the saline meromictic Lake Kai-ike, southwest Japan: I. Early diagenesis of organic carbon, nitrogen, and phosphorus. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 294, 72-82.	2.3	21
162	Implications for chloro- and pheopigment synthesis and preservation from combined compound-specific ¹³ C, ¹⁵ N, and ¹⁴ C analysis. <i>Biogeosciences</i> , 2010, 7, 4105-4118.	3.3	20

#	ARTICLE	IF	CITATIONS
163	Determination of aquatic food web structure based on compound-specific nitrogen isotopic composition of amino acids. <i>Limnology and Oceanography: Methods</i> , 2009, 7, 740-750.	2.0	507
164	Organic Analysis of Peridotite Rocks from the Ashadze and Logatchev Hydrothermal Sites. <i>International Journal of Molecular Sciences</i> , 2009, 10, 2986-2998.	4.1	17
165	Degradation of algal lipids by deep-sea benthic foraminifera: An in situ tracer experiment. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2009, 56, 1488-1503.	1.4	31
166	Fractionation of hydrogen isotopes during phytol biosynthesis. <i>Organic Geochemistry</i> , 2009, 40, 569-573.	1.8	31
167	Compound-Specific Nitrogen Isotope Analysis of d -Alanine, l -Alanine, and Valine: Application of Diastereomer Separation to ^{15}N and Microbial Peptidoglycan Studies. <i>Analytical Chemistry</i> , 2009, 81, 394-399.	6.5	22
168	Application of compound-specific radiocarbon dating to Antarctic margin sediments. <i>The Quaternary Research</i> , 2009, 48, 131-142.	0.1	0
169	Geographical origin of polished rice based on multiple element and stable isotope analyses. <i>Food Chemistry</i> , 2008, 109, 470-475.	8.2	138
170	Benthic foraminifera as trophic links between phytodetritus and benthic metazoans: carbon and nitrogen isotopic evidence. <i>Marine Ecology - Progress Series</i> , 2008, 357, 153-164.	1.9	80
171	Microbially induced formation of ooid-like coated grains in the Late Cretaceous methane-seep deposits of the Nakagawa area, Hokkaido, northern Japan. <i>Island Arc</i> , 2008, 17, 261-269.	1.1	19
172	A compound-specific isotope method for measuring the stable nitrogen isotopic composition of tetrapyrroles. <i>Organic Geochemistry</i> , 2008, 39, 510-520.	1.8	20
173	Carbon isotopic composition of the tetrapyrrole nucleus in chloropigments from a saline meromictic lake: A mechanistic view for interpreting the isotopic signature of alkyl porphyrins in geological samples. <i>Organic Geochemistry</i> , 2008, 39, 521-531.	1.8	23
174	Diazotrophic cyanobacteria as the major photoautotrophs during mid-Cretaceous oceanic anoxic events: Nitrogen and carbon isotopic evidence from sedimentary porphyrin. <i>Organic Geochemistry</i> , 2008, 39, 532-549.	1.8	67
175	Origins of archaeal tetraether lipids in sediments: Insights from radiocarbon analysis. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 4577-4594.	3.9	118
176	Compound-specific radiocarbon dating of Ross Sea sediments: A prospect for constructing chronologies in high-latitude oceanic sediments. <i>Quaternary Geochronology</i> , 2008, 3, 235-243.	1.4	38
177	Evidence of Global Chlorophyll d. <i>Science</i> , 2008, 321, 658-658.	12.6	73
178	Reconstruction of the biogeochemistry and ecology of photoautotrophs based on the nitrogen and carbon isotopic compositions of vanadyl porphyrins from Miocene siliceous sediments. <i>Biogeosciences</i> , 2008, 5, 797-816.	3.3	19
179	A Novel Vanadyl Alkylporphyrins from Geological Samples: A Possible Derivative of Divinylchlorophylls or Bacteriochlorophylla?. <i>Chemistry Letters</i> , 2007, 36, 706-707.	1.3	14
180	Sources and transformation processes of pheopigments: Stable carbon and hydrogen isotopic evidence from Lake Haruna, Japan. <i>Organic Geochemistry</i> , 2007, 38, 985-1001.	1.8	10

#	ARTICLE	IF	CITATIONS
181	Contemporaneous massive subaerial volcanism and late cretaceous Oceanic Anoxic Event 2. <i>Earth and Planetary Science Letters</i> , 2007, 256, 211-223.	4.4	160
182	An improved method for isolation and purification of sedimentary porphyrins by high-performance liquid chromatography for compound-specific isotopic analysis. <i>Journal of Chromatography A</i> , 2007, 1138, 73-83.	3.7	43
183	Metabolic control of nitrogen isotope composition of amino acids in macroalgae and gastropods: implications for aquatic food web studies. <i>Marine Ecology - Progress Series</i> , 2007, 342, 85-90.	1.9	256
184	Radiocarbon constraint on relict organic carbon contributions to Ross Sea sediments. <i>Geochemistry, Geophysics, Geosystems</i> , 2006, 7, n/a-n/a.	2.5	20
185	Dust influx reconstruction during the last 26,000 years inferred from a sedimentary leaf wax record from the Japan Sea. <i>Global and Planetary Change</i> , 2006, 54, 239-250.	3.5	30
186	The importance of diazotrophic cyanobacteria as primary producers during Cretaceous Oceanic Anoxic Event 2. <i>Biogeosciences</i> , 2006, 3, 467-478.	3.3	70
187	Age model, physical properties and paleoceanographic implications of the middle Pleistocene core sediments in the Choshi area, central Japan. <i>Island Arc</i> , 2006, 15, 366-377.	1.1	27
188	Implication of spatiotemporal distribution of black shales deposited during the Cretaceous Oceanic Anoxic Event-2. <i>Paleontological Research</i> , 2006, 10, 345-358.	1.0	28
189	Different ingestion patterns of ¹³ C-labeled bacteria and algae by deep-sea benthic foraminifera. <i>Marine Ecology - Progress Series</i> , 2006, 310, 95-108.	1.9	111
190	Hydrogen, carbon and nitrogen isotopic fractionations during chlorophyll biosynthesis in C3 higher plants. <i>Phytochemistry</i> , 2005, 66, 911-920.	2.9	36
191	Biogeochemical processes in the saline meromictic Lake Kaiike, Japan: implications from molecular isotopic evidences of photosynthetic pigments. <i>Environmental Microbiology</i> , 2005, 7, 1009-1016.	3.8	72
192	Radiocarbon Dating of Alkenones from Marine Sediments: I. Isolation Protocol. <i>Radiocarbon</i> , 2005, 47, 401-412.	1.8	31
193	Radiocarbon Dating of Alkenones from Marine Sediments: III. Influence of Solvent Extraction Procedures on ¹⁴ C Measurements of Foraminifera. <i>Radiocarbon</i> , 2005, 47, 425-432.	1.8	13
194	Lamina-scale analysis of sedimentary components in Cretaceous black shales by chemical compositional mapping: Implications for paleoenvironmental changes during the Oceanic Anoxic Events. <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 1479-1494.	3.9	39
195	Copper-chelated bacteriochlorophyll <i>a</i> homologues in sediment from an anoxic lake (Lake Abashiri, Tj ETQq1 1 0.784314 rgBT /Overl	1.8	5
196	Vertical distributions of stable isotopic compositions and bacteriochlorophyll homologues in suspended particulate matter in saline meromictic Lake Abashiri. <i>Limnology</i> , 2004, 5, 185-189.	1.5	5
197	Distribution of chloropigments in suspended particulate matter and benthic microbial mat of a meromictic lake, Lake Kaiike, Japan. <i>Environmental Microbiology</i> , 2003, 5, 1103-1110.	3.8	21
198	Radiocarbon Dating of Individual Fatty Acids as a Tool for Refining Antarctic Margin Sediment Chronologies. <i>Radiocarbon</i> , 2003, 45, 17-24.	1.8	54

#	ARTICLE	IF	CITATIONS
199	Fluctuations of nitrogen isotope ratio of gobiid fish (<i>Isaza</i>) specimens and sediments in Lake Biwa, Japan, during the 20th century. <i>Limnology and Oceanography</i> , 2001, 46, 1228-1236.	3.1	85
200	Molecular paleoclimatology: reconstruction of climate variabilities in the late Quaternary. <i>Organic Geochemistry</i> , 1997, 27, 173-183.	1.8	30
201	Geochemistry of an Aptian bedded chert succession from the deep Pacific basin: New insights into Cretaceous oceanic anoxic event (OAE) 1a. <i>Special Paper of the Geological Society of America</i> , 0, , 305-328.	0.5	2
202	Origin of Deep Methane from Active Faults along the Itoigawa-Shizuoka Tectonic Line between the Eurasian and North American Plates: $^{13}\text{C}/^{12}\text{C}$ and $^{14}\text{C}/^{12}\text{C}$ Methane Profiles from a Pull-Apart Basin at Lake Suwa. <i>ACS Earth and Space Chemistry</i> , 0, , .	2.7	0