

Yoshito Chikaraishi

List of Publications by Year in descending order

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Version: 2024-02-01

105
papers

6,179
citations

109321

35
h-index

71685

76
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106
all docs

106
docs citations

106
times ranked

5706
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | Apex Predator Nematodes and Meso-Predator Bacteria Consume Their Basal Insect Prey through Discrete Stages of Chemical Transformations. <i>MSystems</i> , 2022, 7, e0031222. | 3.8 | 3 |
| 4 | 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 |
| 5 | Synthesis of ¹³ C-enriched amino acids with ¹³ C-depleted insoluble organic matter in a formose-type reaction in the early solar system. <i>Science Advances</i> , 2021, 7, . | 10.3 | 12 |
| 6 | 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 |
| 7 | Redox-Controlled Ammonium Storage and Overturn in Ediacaran Oceans. <i>Frontiers in Earth Science</i> , 2021, 9, . | 1.8 | 0 |
| 8 | Trophic response to ecological conditions of habitats: Evidence from trophic variability of freshwater fish. <i>Ecology and Evolution</i> , 2020, 10, 7250-7260. | 1.9 | 9 |
| 9 | 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 |
| 10 | Quantifying niche partitioning and multichannel feeding among tree squirrels. <i>Food Webs</i> , 2019, 21, e00124. | 1.2 | 6 |
| 11 | 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 |
| 12 | Development of a Purification Method for Compound Specific Carbon Isotope Analysis of Phytosterols and Long-chain n-fatty Acids in Higher Plants. <i>Bunseki Kagaku</i> , 2019, 68, 297-306. | 0.2 | 0 |
| 13 | Amino acid ¹⁵ 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 |
| 14 | Omnivory in Bees: Elevated Trophic Positions among All Major Bee Families. <i>American Naturalist</i> , 2019, 194, 414-421. | 2.1 | 47 |
| 15 | Biochemical Stable Isotope Analysis in Food Authenticity. , 2019, , 209-227. | | 0 |
| 16 | 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 |
| 17 | Enhancing insights into foraging specialization in the world's largest fish using a multi-tissue, multi-isotope approach. <i>Ecological Monographs</i> , 2019, 89, e01339. | 5.4 | 34 |
| 18 | Trophic declines and decadal-scale foraging segregation in three pelagic seabirds. <i>Oecologia</i> , 2019, 189, 395-406. | 2.0 | 6 |

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|----|---|------|-----------|
| 19 | 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 |
| 20 | A primordial and reversible TCA cycle in a facultatively chemolithoautotrophic thermophile. <i>Science</i> , 2018, 359, 559-563. | 12.6 | 155 |
| 21 | 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 |
| 22 | Historical niche partitioning and long-term trophic shifts in Laurentian Great Lakes deepwater coregonines. <i>Ecosphere</i> , 2018, 9, e02080. | 2.2 | 21 |
| 23 | 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 |
| 24 | 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 |
| 25 | Trophic structure and energy flow in a shallow-water hydrothermal vent: Insights from a stable isotope approach. <i>PLoS ONE</i> , 2018, 13, e0204753. | 2.5 | 21 |
| 26 | 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 |
| 27 | 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 |
| 28 | Fractionation of stable nitrogen isotopes ($\delta^{15}\text{N}$; $\delta^{14}\text{N}$) 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 |
| 29 | Algal-derived 24-ethylcholesta-5,22-dien-3 β -ol (stigmasterol) is frequently found in high-molecular-weight dissolved organic matter (HMW-DOM) during summer in freshwater and brackish lakes. <i>Geochemical Journal</i> , 2018, 52, e15-e20. | 1.0 | 0 |
| 30 | 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 |
| 31 | Comparing compound-specific and bulk stable nitrogen isotope trophic discrimination factors across multiple freshwater fish species and diets. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2017, 74, 1291-1297. | 1.4 | 40 |
| 32 | 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 |
| 33 | Nitrogen Isotopic Fractionation in Ammonia during Adsorption on Silicate Surfaces. <i>ACS Earth and Space Chemistry</i> , 2017, 1, 24-29. | 2.7 | 17 |
| 34 | 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 |
| 35 | 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 |
| 36 | Microbial Eukaryotes that Lack Sterols. <i>Journal of Eukaryotic Microbiology</i> , 2017, 64, 897-900. | 1.7 | 14 |

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|----|---|-----|-----------|
| 37 | 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 |
| 38 | Unpacking brown food webs: Animal trophic identity reflects rampant microbivory. <i>Ecology and Evolution</i> , 2017, 7, 3532-3541. | 1.9 | 82 |
| 39 | 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 |
| 40 | Broad-scale trophic shift in the pelagic North Pacific revealed by an oceanic seabird. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20162436. | 2.6 | 35 |
| 41 | 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 |
| 42 | 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 |
| 43 | 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 |
| 44 | Integrated trophic position decreases in more diverse communities of stream food webs. <i>Scientific Reports</i> , 2017, 7, 2130. | 3.3 | 12 |
| 45 | 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 |
| 46 | 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 |
| 47 | 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 |
| 48 | Organic Reference Materials for Hydrogen, Carbon, and Nitrogen Stable Isotope-Ratio Measurements: Caffeines, <i>n</i> -Alkanes, Fatty Acid Methyl Esters, Glycines, <i>l</i> -Valines, Polyethylenes, and Oils. <i>Analytical Chemistry</i> , 2016, 88, 4294-4302. | 6.5 | 126 |
| 49 | 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 |
| 50 | An overview of methods used for the detection of aquatic resource consumption by humans: Compound-specific $\delta^{15}\text{N}$ analysis of amino acids in archaeological materials. <i>Journal of Archaeological Science: Reports</i> , 2016, 6, 720-732. | 0.5 | 19 |
| 51 | 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 |
| 52 | 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 |
| 53 | Diet quality influences isotopic discrimination among amino acids in an aquatic vertebrate. <i>Ecology and Evolution</i> , 2015, 5, 2048-2059. | 1.9 | 64 |
| 54 | 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 |

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|----|--|------|-----------|
| 55 | 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 |
| 56 | 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 |
| 57 | Beneficial or not? Decoding carnivore roles in plant protection. <i>Biological Control</i> , 2015, 91, 34-41. | 3.0 | 4 |
| 58 | 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 |
| 59 | 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 |
| 60 | 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 |
| 61 | High-resolution food webs based on nitrogen isotopic composition of amino acids. <i>Ecology and Evolution</i> , 2014, 4, 2423-2449. | 1.9 | 160 |
| 62 | 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 |
| 63 | Stable Nitrogen Isotope Analysis of Amino Acids by Using Gas Chromatography/Isotope Ratio Mass Spectrometry (GC/IRMS) System with High-temperature Combustion Interface. <i>Bunseki Kagaku</i> , 2014, 63, 279-282. | 0.2 | 1 |
| 64 | New Amino Acid Reference Materials for Stable Nitrogen Isotope Analysis. <i>Bunseki Kagaku</i> , 2014, 63, 399-403. | 0.2 | 6 |
| 65 | 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 |
| 66 | 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 |
| 67 | A preliminary estimate of the trophic position of the deep-water ramie'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 |
| 68 | 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 |
| 69 | A low trophic position of Japanese eel larvae indicates feeding on marine snow. <i>Biology Letters</i> , 2013, 9, 20120826. | 2.3 | 88 |
| 70 | Trophic Hierarchies Illuminated via Amino Acid Isotopic Analysis. <i>PLoS ONE</i> , 2013, 8, e76152. | 2.5 | 108 |
| 71 | Molecular Paleohydrology: Interpreting the Hydrogen-Isotopic Composition of Lipid Biomarkers from Photosynthesizing Organisms. <i>Annual Review of Earth and Planetary Sciences</i> , 2012, 40, 221-249. | 11.0 | 748 |
| 72 | Interlaboratory Comparison of Carbon, Nitrogen, and Oxygen Isotope Ratios in Organic Chemicals Using Elemental Analyzer-Isotope Ratio Mass Spectrometer. <i>Bunseki Kagaku</i> , 2012, 61, 805-810. | 0.2 | 1 |

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|----|--|------|-----------|
| 73 | 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, 76, 53-62. | 3.9 | 14 |
| 74 | Algivore or Phototroph? <i>Plakobranchnus ocellatus</i> (Gastropoda) Continuously Acquires Kleptoplasts and Nutrition from Multiple Algal Species in Nature. <i>PLoS ONE</i> , 2012, 7, e42024. | 2.5 | 68 |
| 75 | 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 |
| 76 | 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 |
| 77 | 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 |
| 78 | Temperature effect on leaf water deuterium enrichment and isotopic fractionation during leaf lipid biosynthesis: Results from controlled growth of C ₃ and C ₄ land plants. <i>Phytochemistry</i> , 2011, 72, 207-213. | 2.9 | 58 |
| 79 | 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 |
| 80 | 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 |
| 81 | Sedimentary membrane lipids recycled by deep-sea benthic archaea. <i>Nature Geoscience</i> , 2010, 3, 858-861. | 12.9 | 103 |
| 82 | 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 |
| 83 | 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 |
| 84 | 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 |
| 85 | Fractionation of hydrogen isotopes during phytol biosynthesis. <i>Organic Geochemistry</i> , 2009, 40, 569-573. | 1.8 | 31 |
| 86 | Compound-Specific Nitrogen Isotope Analysis of <i>d</i> -Alanine, <i>l</i> -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 |
| 87 | Stable carbon, nitrogen, and oxygen isotope analysis as a potential tool for verifying geographical origin of beef. <i>Analytica Chimica Acta</i> , 2008, 617, 148-152. | 5.4 | 82 |
| 88 | Geographical origin of polished rice based on multiple element and stable isotope analyses. <i>Food Chemistry</i> , 2008, 109, 470-475. | 8.2 | 138 |
| 89 | 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 |
| 90 | 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 |

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| 91 | 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 |
| 92 | $\delta^{13}\text{C}$ and $\delta^2\text{H}$ relationships among three n-alkyl compound classes (n-alkanoic acid, n-alkane and) <i>Journal of Geochemical Exploration</i> , 2007, 92, 107-119. | 1.8 | 169 |
| 93 | 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 |
| 94 | Carbon and hydrogen isotope variation of plant biomarkers in a plant-soil system. <i>Chemical Geology</i> , 2006, 231, 190-202. | 3.3 | 112 |
| 95 | Carbon and hydrogen isotopic composition of sterols in natural marine brown and red macroalgae and associated shellfish. <i>Organic Geochemistry</i> , 2006, 37, 428-436. | 1.8 | 25 |
| 96 | Chemotaxonomic significance of distribution and stable carbon isotopic composition of long-chain alkanes and alkan-1-ols in C4 grass waxes. <i>Organic Geochemistry</i> , 2006, 37, 1303-1332. | 1.8 | 232 |
| 97 | A Novel Method to Identify Illegal Diesel Fuel, II: the Use of [1-D]n-Alkane with Stable Hydrogen Isotope Analysis. <i>Chemistry Letters</i> , 2006, 35, 532-533. | 1.3 | 14 |
| 98 | Hydrogen, carbon and nitrogen isotopic fractionations during chlorophyll biosynthesis in C3 higher plants. <i>Phytochemistry</i> , 2005, 66, 911-920. | 2.9 | 36 |
| 99 | Carbon and hydrogen isotopic compositions of sterols from riverine and marine sediments. <i>Limnology and Oceanography</i> , 2005, 50, 1763-1770. | 3.1 | 30 |
| 100 | $\delta^{13}\text{C}$ and $\delta^2\text{H}$ identification of sources of lipid biomarkers in sediments of Lake Haruna (Japan). <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 3285-3297. | 3.9 | 63 |
| 101 | Hydrogen and carbon isotopic fractionations of lipid biosynthesis among terrestrial (C3, C4 and CAM) and aquatic plants. <i>Phytochemistry</i> , 2004, 65, 1369-1381. | 2.9 | 192 |
| 102 | Hydrogen isotopic fractionations during desaturation and elongation associated with polyunsaturated fatty acid biosynthesis in marine macroalgae. <i>Phytochemistry</i> , 2004, 65, 2293-2300. | 2.9 | 73 |
| 103 | Carbon and hydrogen isotopic fractionation during lipid biosynthesis in a higher plant (<i>Cryptomeria</i>) <i>Journal of Geochemical Exploration</i> , 2004, 81, 113-126. | 2.9 | 126 |
| 104 | Compound-specific $\delta^2\text{H}$ - $\delta^{13}\text{C}$ analyses of n-alkanes extracted from terrestrial and aquatic plants. <i>Phytochemistry</i> , 2003, 63, 361-371. | 2.9 | 393 |
| 105 | Organic hydrogen-carbon isotope signatures of terrestrial higher plants during biosynthesis for distinctive photosynthetic pathways.. <i>Geochemical Journal</i> , 2001, 35, 451-458. | 1.0 | 29 |