

Fumiko Nara

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

673
citations

623734

14
h-index

580821

25
g-index

40
all docs

40
docs citations

40
times ranked

730
citing authors

#	ARTICLE	IF	CITATIONS
1	Response of phytoplankton productivity to climate change recorded by sedimentary photosynthetic pigments in Lake Hovsgol (Mongolia) for the last 23,000 years. <i>Quaternary International</i> , 2005, 136, 71-81.	1.5	68
2	High-time resolution AMS 14C data sets for Lake Baikal and Lake Hovsgol sediment cores: Changes in radiocarbon age and sedimentation rates during the transition from the last glacial to the Holocene. <i>Quaternary International</i> , 2009, 205, 12-20.	1.5	57
3	Fast and precise method for HPLC size exclusion chromatography with UV and TOC (NDIR) detection: Importance of multiple detectors to evaluate the characteristics of dissolved organic matter. <i>Water Research</i> , 2011, 45, 6240-6248.	11.3	51
4	Temporal changes in the phytoplankton community of the southern basin of Lake Baikal over the last 24,000 years recorded by photosynthetic pigments in a sediment core. <i>Organic Geochemistry</i> , 2002, 33, 1621-1634.	1.8	46
5	Effects of soil erosion and anoxic euxinic ocean in the Permian-Triassic marine crisis. <i>Heliyon</i> , 2016, 2, e00137.	3.2	45
6	Last glacial-Holocene geochronology of sediment cores from a high-altitude Tibetan lake based on AMS 14C dating of plant fossils: Implications for paleoenvironmental reconstructions. <i>Chemical Geology</i> , 2010, 277, 21-29.	3.3	37
7	Distribution of artificial radionuclides (^{110m} Ag, ^{129m} Te, ¹³⁴ Cs, ¹³⁷ Cs) in surface soils from Miyagi Prefecture, northeast Japan, following the 2011 Fukushima Dai-ichi nuclear power plant accident. <i>Geochemical Journal</i> , 2012, 46, 279-285.	1.0	30
8	Risk assessments of Arsenic in tsunami sediments from Iwate, Miyagi and Fukushima Prefectures, Northeast Japan, by the 2011 off the Pacific coast of Tohoku Earthquake. <i>Journal of the Geological Society of Japan</i> , 2012, 118, 419-430.	0.6	29
9	A new age model for the sediment cores from Academician ridge (Lake Baikal) based on high-time-resolution AMS 14C data sets over the last 30 kyr: Paleoclimatic and environmental implications. <i>Earth and Planetary Science Letters</i> , 2009, 286, 347-354.	4.4	27
10	Crystal Growth and Luminescence Properties of Tm:BaF ₂ Single Crystals. <i>Japanese Journal of Applied Physics</i> , 2010, 49, 022601.	1.5	25
11	Paleoclimatic changes on the southern Tibetan Plateau over the past 19,000 years recorded in Lake Pumoyum Co, and their implications for the southwest monsoon evolution. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 396, 75-92.	2.3	23
12	Biological nitrate utilization in south Siberian lakes (Baikal and Hovsgol) during the Last Glacial period: the influence of climate change on primary productivity. <i>Quaternary Science Reviews</i> , 2014, 90, 69-79.	3.0	18
13	Extreme euxinia just prior to the Middle Triassic biotic recovery from the latest Permian mass extinction. <i>Organic Geochemistry</i> , 2014, 73, 113-122.	1.8	18
14	Influence of climate fluctuation on clay formation in the Baikal drainage basin. <i>Journal of Paleolimnology</i> , 2005, 33, 105-121.	1.6	16
15	Vegetation response in the southern Lake Baikal region to abrupt climate events over the past 33 cal kyr. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 375, 70-82.	2.3	14
16	A geochemical approach for identifying marine incursions: Implications for tsunami geology on the Pacific coast of northeast Japan. <i>Applied Geochemistry</i> , 2020, 118, 104644.	3.0	14
17	Last glacial to post glacial climate changes in continental Asia inferred from multi-proxy records (geochemistry, clay mineralogy, and paleontology) from Lake Hovsgol, northwest Mongolia. <i>Global and Planetary Change</i> , 2012, 88-89, 53-63.	3.5	13
18	Radiocarbon Dating Historical Tsunami Deposits from the Sendai Plain, Northeastern Japan: Preliminary Age Model of HS Continuous Soil Sediment Series. <i>Journal of Geography (Chigaku Zasshi)</i> , 2014, 123, 904-922.	0.3	13

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19	Phytoplankton assemblage in the Plio-Pleistocene record of Lake Baikal as indicated by sedimentary steryl chlorin esters. <i>Quaternary International</i> , 2009, 205, 126-136.	1.5	12
20	Radiocarbon measurements of dissolved organic carbon in sewage-treatment-plant effluent and domestic sewage. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2010, 268, 1142-1145.	1.4	12
21	Climate control of sulfate influx to Lake Hovsgol, northwest Mongolia, during the last glacial–postglacial transition: Constraints from sulfur geochemistry. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 298, 278-285.	2.3	12
22	Seasonal Variation in Sources of Dissolved Organic Carbon in a Lacustrine Environment Revealed by Paired Isotopic Measurements ($\delta^{14}\text{C}$ and $\delta^{13}\text{C}$). <i>Radiocarbon</i> , 2007, 49, 767-773.	1.8	10
23	Sources of Tsunami Deposits on the Pacific Coasts of Iwate, Miyagi, and Fukushima Areas by the 2011 off the Pacific Coast of Tohoku Earthquake, Northeast Japan Inferred from Geochemical Signatures (TOC/TN Ratio and Stable Sulfur Isotope). <i>Journal of Geography (Chigaku Zasshi)</i> , 2014, 123, 871-882.	0.3	10
24	Seawater-leaching Testing for Arsenic and Heavy Metals in Tsunami Deposits Produced by the 2011 off the Pacific Coast of Tohoku Earthquake, Northeastern Japan. <i>Journal of Geography (Chigaku Zasshi)</i> , 2014, 123, 835-853.	0.3	10
25	Changes of organic matter sources in sediment cores from a high-altitude lake (Pumoyum Co.) Tj ETQq1 1 0.784314 rgBT /Overlock 10 <i>Research B</i> , 2010, 268, 1070-1072.	1.4	8
26	Radiocarbon and Stable Carbon Isotope Ratio Data from a 4.7-Mlong Sediment Core of Lake Baikal (Southern Siberia, Russia). <i>Radiocarbon</i> , 2010, 52, 1449-1457.	1.8	8
27	High Contribution of Recalcitrant Organic Matter to DOC in a Japanese Oligotrophic Lake Revealed by ^{14}C Measurements. <i>Radiocarbon</i> , 2010, 52, 1078-1083.	1.8	6
28	A New ^{14}C Data Set of the PY608W-PC Sediment Core from Lake Pumoyum Co (Southeastern) Tj ETQq0 0 0 rgBT /Overlock 10 <i>Research B</i> , 2010, 268, 1070-1072.	1.8	6
29	Characteristics in trace elements compositions of tephra (B-Tm and To-a) for identification tools. <i>Geochemical Journal</i> , 2021, 55, 117-133.	1.0	6
30	Characterization of Dissolved Organic Matter (DOM) in Lake Kasumigaura and Several DOM Sources Using Method of Three-Dimensional Excitation-Emission Matrix Fluorescence Spectra. <i>Journal of Japan Society on Water Environment</i> , 2008, 31, 261-267.	0.4	5
31	A chronology of the PY608E–PC sediment core (Lake Pumoyum Co, southern Tibetan Plateau) based on radiocarbon dating of total organic carbon. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2013, 294, 520-523.	1.4	5
32	^{14}C Dating of Holocene Soils from an Island in Lake Pumoyum Co (Southeastern Tibetan) Tj ETQq0 0 0 rgBT /Overlock 10 <i>Research B</i> , 2010, 268, 1070-1072.	1.8	4
33	Quantitative and semi-quantitative analyses using a portable energy dispersive X-ray fluorescence spectrometer: Geochemical applications in fault rocks, lake sediments, and event deposits. <i>Journal of Mineralogical and Petrological Sciences</i> , 2021, 116, 140-158.	0.9	4
34	Residual Photosynthetic Pigments in the Sediment of Lake Baikal as Indicators of Phytoplankton History. , 2003, , 137-160.		3
35	Geochemical characteristics of paleotsunami deposits from the Shizuoka plain on the Pacific coast of middle Japan. <i>Geochemical Journal</i> , 2021, 55, 325-340.	1.0	3
36	Late-Holocene salinity changes in Lake Ogawara, Pacific coast of northeast Japan, related to sea-level fall inferred from sedimentary geochemical signatures. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 592, 110907.	2.3	3

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37	Application of HPLC-PAD to Highly Sensitive Analysis of Dissolved Carbohydrates and their Composition in Lake Water and Extracellular Organic Matter Derived from Algae. Journal of Japan Society on Water Environment, 2008, 31, 447-454.	0.4	1
38	Study of primary production magnitude under the thermocline (20-25 m) and the continuous supporting mechanism of production in Lake Pumayum Co, Tibetan Plateau. Japanese Journal of Limnology, 2012, 73, 167-178.	0.1	1
39	Stable carbon isotopic characterization of DOC and its humic fraction in Lake Kasumigaura, Japan. Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology, 2009, 30, 1307-1309.	0.1	0