

Hirotsugu Minami

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5856069/publications.pdf>

Version: 2024-02-01

32
papers

415
citations

759233

12
h-index

794594

19
g-index

32
all docs

32
docs citations

32
times ranked

316
citing authors

#	ARTICLE	IF	CITATIONS
1	Characteristics of hydrate-bound gas retrieved at the Kedr mud volcano (southern Lake Baikal). <i>Scientific Reports</i> , 2020, 10, 14747.	3.3	13
2	Canyons of the Eastern Shore of Southern Baikal: Morphology and Genesis. <i>Geography and Natural Resources</i> , 2019, 40, 37-45.	0.3	3
3	Determination of the Concentration and Isotope Ratio of Trace Lead in Lake Mashu by Solid-phase Extraction/ICP-MS. <i>Bunseki Kagaku</i> , 2019, 68, 877-883.	0.2	0
4	Hydrogen and oxygen isotopic anomalies in pore waters suggesting clay mineral dehydration at gas hydrate-bearing Kedr mud volcano, southern Lake Baikal, Russia. <i>Geo-Marine Letters</i> , 2018, 38, 403-415.	1.1	7
5	Sequentially sampled gas hydrate water, coupled with pore water and bottom water isotopic and ionic signatures at the Kukuy mud volcano, Lake Baikal: ambiguous deep-rooted source of hydrate-forming water. <i>Geo-Marine Letters</i> , 2014, 34, 241.	1.1	6
6	Raman spectroscopic and calorimetric observations on natural gas hydrates with cubic structures I and II obtained from Lake Baikal. <i>Geo-Marine Letters</i> , 2012, 32, 419-426.	1.1	11
7	Possible variation in methane flux caused by gas hydrate formation on the northeastern continental slope off Sakhalin Island, Russia. <i>Geo-Marine Letters</i> , 2012, 32, 525-534.	1.1	15
8	Thermal anomalies associated with shallow gas hydrates in the K-2 mud volcano, Lake Baikal. <i>Geo-Marine Letters</i> , 2012, 32, 407-417.	1.1	20
9	Molecular and isotopic composition of hydrate-bound and dissolved gases in the southern basin of Lake Baikal, based on an improved headspace gas method. <i>Geo-Marine Letters</i> , 2012, 32, 465-472.	1.1	15
10	Determination of zinc in marine/lacustrine sediments by graphite furnace atomic absorption spectrometry using Pd/Mg chemical modifier and slurry sampling. <i>International Journal of Environmental Analytical Chemistry</i> , 2011, 91, 856-865.	3.3	6
11	Development of determination method of trace nickel in natural water by ID-oxygen added nitrogen-MIP-MS with direct measurement of liquid-liquid extracted organic phase. <i>International Journal of Environmental Analytical Chemistry</i> , 2011, 91, 811-820.	3.3	5
12	Concentration-depth Profiles of Trace Nickel and Vanadium in Lake Mashu and the Possible Input of Anthropogenically Derived Nickel and Vanadium from the Atmosphere. <i>Bunseki Kagaku</i> , 2010, 59, 1105-1111.	0.2	0
13	Isotopic composition of gas hydrates in subsurface sediments from offshore Sakhalin Island, Sea of Okhotsk. <i>Geo-Marine Letters</i> , 2010, 30, 313-319.	1.1	23
14	Isotopic composition of dissolved inorganic carbon in subsurface sediments of gas hydrate-bearing mud volcanoes, Lake Baikal: implications for methane and carbonate origin. <i>Geo-Marine Letters</i> , 2010, 30, 427-437.	1.1	17
15	Model of formation of double structure gas hydrates in Lake Baikal based on isotopic data. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	27
16	Geochemistry of Halogen and Iodine Radioisotope (^{129}I) in Pore Waters from Shallow Gas Hydrate Systems in the Okhotsk Sea and Japan Sea. <i>Journal of Geography (Chigaku Zasshi)</i> , 2009, 118, 111-127.	0.3	3
17	Isotopic Composition and Crystallographic Properties of Gas Hydrate in the Sea of Okhotsk. <i>Journal of Geography (Chigaku Zasshi)</i> , 2009, 118, 207-221.	0.3	10
18	Methane Hydrates and Plumes in the Sea of Okhotsk. <i>Journal of Geography (Chigaku Zasshi)</i> , 2009, 118, 175-193.	0.3	10

#	ARTICLE	IF	CITATIONS
19	Geochemistry of Pore Waters from Gas Hydrate-bearing Sediment Cores Retrieved at the Sea of Okhotsk. <i>Journal of Geography (Chigaku Zasshi)</i> , 2009, 118, 194-206.	0.3	7
20	Preparation of Calibration Curves for the Direct Determination of Trace Level of Zinc in High Purity Iron and Steel Samples by Graphite Furnace Atomic Absorption Spectrometry Using Solid Sampling Technique. <i>Bunseki Kagaku</i> , 2009, 58, 771-775.	0.2	2
21	First discovery and formation process of authigenic siderite from gas hydrate-bearing mud volcanoes in fresh water: Lake Baikal, eastern Siberia. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	25
22	Synergistic Extraction of Lanthanides(III) with $N\alpha\text{-}p\text{-Methoxybenzoyl}\alpha\text{-N}\alpha\text{-Phenylhydroxylamine}$ and Neutral Nitrogen Donors. <i>Separation Science and Technology</i> , 2007, 42, 2315-2325.	2.5	6
23	Coexistence of structure I and II gas hydrates in Lake Baikal suggesting gas sources from microbial and thermogenic origin. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	84
24	Synergistic Extraction of Lanthanides(III) by Mixtures of $N\alpha\text{-}p\text{-Methoxybenzoyl}\alpha\text{-N}\alpha\text{-phenylhydroxylamine}$ and 1,10-Phenanthroline. <i>Solvent Extraction and Ion Exchange</i> , 2006, 24, 653-662.	2.0	2
25	Determination of selenium in biological samples by slurry sampling-electrothermal vaporization-in situ fusion-isotope dilution-microwave-induced nitrogen plasma mass spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2005, 60, 327-331.	2.9	16
26	Hydrate-bearing structures in the Sea of Okhotsk. <i>Eos</i> , 2005, 86, 13.	0.1	39
27	Solvent Extraction of Lanthanides(III) with $N\alpha\text{-}Cinnamoyl\alpha\text{-N}\alpha\text{-phenylhydroxylamine}$ and Its Trifluoromethyl Derivative. <i>Solvent Extraction and Ion Exchange</i> , 2004, 22, 599-610.	2.0	6
28	Simultaneous Direct Determination of Aluminum, Calcium and Iron in Silicon Carbide and Silicon Nitride Powders by Slurry-Sampling Graphite Furnace AAS. <i>Analytical Sciences</i> , 2004, 20, 455-459.	1.6	12
29	Isotope Dilution Analysis of Selenite and Selenate in Natural Water Using Microwave-Induced Nitrogen Plasma Mass Spectrometry. <i>Analytical Sciences</i> , 2003, 19, 1359-1363.	1.6	16
30	SPECTROPHOTOMETRIC DETERMINATION OF NIOBIUM(V) WITH $N\text{-}CINNAMOYL\text{-}N\text{-}2,3\text{-XYLYLHYDROXYLAMINE}$ AND THIOCYANATE. <i>Analytical Letters</i> , 2001, 34, 2465-2475.	1.8	6
31	Spectral interferences by potassium on the determination of selenium by graphite furnace AAS.. <i>Bunseki Kagaku</i> , 1998, 47, 149-155.	0.2	0
32	Determination of Ultra-Trace Levels of Calcium in Steel by Graphite Furnace Atomic Absorption Spectrometry.. <i>Analytical Sciences</i> , 1997, 13, 199-203.	1.6	3