Hirotsugu Minami

List of Publications by Year
in descending order

32	415	759233 12	794594 19
papers	citations	h-index	g-index

32	32	32	316
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Coexistence of structure I and II gas hydrates in Lake Baikal suggesting gas sources from microbial and thermogenic origin. Geophysical Research Letters, 2006, 33, .	4.0	84
2	Hydrate-bearing structures in the Sea of Okhotsk. Eos, 2005, 86, 13.	0.1	39
3	Model of formation of double structure gas hydrates in Lake Baikal based on isotopic data. Geophysical Research Letters, 2009, 36, .	4.0	27
4	First discovery and formation process of authigenic siderite from gas hydrateâ€“bearing mud volcanoes in fresh water: Lake Baikal, eastern Siberia. Geophysical Research Letters, 2008, 35, .	4.0	25
5	Isotopic composition of gas hydrates in subsurface sediments from offshore Sakhalin Island, Sea of Okhotsk. Geo-Marine Letters, 2010, 30, 313-319.	1.1	23
6	Thermal anomalies associated with shallow gas hydrates in the K-2 mud volcano, Lake Baikal. Geo-Marine Letters, 2012, 32, 407-417.	1.1	20
7	Isotopic composition of dissolved inorganic carbon in subsurface sediments of gas hydrate-bearing mud volcanoes, Lake Baikal: implications for methane and carbonate origin. Geo-Marine Letters, 2010, 30, 427-437.	1.1	17
8	Isotope Dilution Analysis of Selenite and Selenate in Natural Water Using Microwave-Induced Nitrogen Plasma Mass Spectrometry. Analytical Sciences, 2003, 19, 1359-1363.	1.6	16
9	Determination of selenium in biological samples by slurry sampling-electrothermal vaporization-in situ fusion-isotope dilution-microwave-induced nitrogen plasma mass spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2005, 60, 327-331.	2.9	16
10	Possible variation in methane flux caused by gas hydrate formation on the northeastern continental slope off Sakhalin Island, Russia. Geo-Marine Letters, 2012, 32, 525-534.	1.1	15
11	Molecular and isotopic composition of hydrate-bound and dissolved gases in the southern basin of Lake Baikal, based on an improved headspace gas method. Geo-Marine Letters, 2012, 32, 465-472.	1.1	15
12	Characteristics of hydrate-bound gas retrieved at the Kedr mud volcano (southern Lake Baikal). Scientific Reports, 2020, 10, 14747.	3.3	13
13	Simultaneous Direct Determination of Aluminum, Calcium and Iron in Silicon Carbide and Silicon Nitride Powders by Slurry-Sampling Graphite Furnace AAS. Analytical Sciences, 2004, 20, 455-459.	1.6	12
14	Raman spectroscopic and calorimetric observations on natural gas hydrates with cubic structures I and II obtained from Lake Baikal. Geo-Marine Letters, 2012, 32, 419-426.	1.1	11
15	Isotopic Composition and Crystallographic Properties of Gas Hydrate in the Sea of Okhotsk. Journal of Geography (Chigaku Zasshi), 2009, 118, 207-221.	0.3	10
16	Methane Hydrates and Plumes in the Sea of Okhotsk. Journal of Geography (Chigaku Zasshi), 2009, 118, 175-193.	0.3	10
17	Geochemistry of Pore Waters from Gas Hydrate-bearing Sediment Cores Retrieved at the Sea of Okhotsk. Journal of Geography (Chigaku Zasshi), 2009, 118, 194-206.	0.3	7
18	Hydrogen and oxygen isotopic anomalies in pore waters suggesting clay mineral dehydration at gas hydrate-bearing Kedr mud volcano, southern Lake Baikal, Russia. Geo-Marine Letters, 2018, 38, 403-415.	1.1	7

#	Article	IF	Citations
19	SPECTROPHOTOMETRIC DETERMINATION OF NIOBIUM(V) WITHN-CINNAMOYL-N-2,3-XYLYLHYDROXYLAMINE AND THIOCYANATE. Analytical Letters, 2001, 34, 2465-2475.	1.8	6
20	Solvent Extraction of Lanthanides(III) withNâ€Cinnamoylâ€Nâ€phenylhydroxylamine and Its Trifluoromethyl Derivative. Solvent Extraction and Ion Exchange, 2004, 22, 599-610.	2.0	6
21	Synergistic Extraction of Lanthanides(III) with Nâ€pâ€Methoxybenzoylâ€Nâ€Phenylhydroxylamine and Neutral Nitrogen Donors. Separation Science and Technology, 2007, 42, 2315-2325.	2.5	6
22	Determination of zinc in marine/lacustrine sediments by graphite furnace atomic absorption spectrometry using Pd/Mg chemical modifier and slurry sampling. International Journal of Environmental Analytical Chemistry, 2011, 91, 856-865.	3.3	6
23	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. Geo-Marine Letters, 2014, 34, 241.	1.1	6
24	Development of determination method of trace nickel in natural water by ID-oxygen added nitrogen-MIP-MS with direct measurement of liquidâ€“liquid extracted organic phase. International Journal of Environmental Analytical Chemistry, 2011, 91, 811-820.	3.3	5
25	Determination of Ultra-Trace Levels of Calcium in Steel by Graphite Furnace Atomic Absorption Spectrometry.. Analytical Sciences, 1997, 13, 199-203.	1.6	3
26	Geochemistry of Halogen and Iodine Radioisotope (¹²⁹I) in Pore Waters from Shallow Gas Hydrate Systems in the Okhotsk Sea and Japan Sea. Journal of Geography (Chigaku Zasshi), 2009, 118, 111-127.	0.3	3
27	Canyons of the Eastern Shore of Southern Baikal: Morphology and Genesis. Geography and Natural Resources, 2019, 40, 37-45.	0.3	3
28	Synergistic Extraction of Lanthanides(III) by Mixtures of Nâ€pâ€Methoxybenzoylâ€Nâ€phenylhydroxylamine and 1,10â€Phenanthroline. Solvent Extraction and Ion Exchange, 2006, 24, 653-662.	2.0	2
29	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. Bunseki Kagaku, 2009, 58, 771-775.	0.2	2
30	Spectral interferences by potassium on the determination of selenium by graphite furnace AAS.. Bunseki Kagaku, 1998, 47, 149-155.	0.2	0
31	Concentration-depth Profiles of Trace Nickel and Vanadium in Lake Mashu and the Possible Input of Anthropogenically Derived Nickel and Vanadium from the Atmosphere. Bunseki Kagaku, 2010, 59, 1105-1111.	0.2	0
32	Determination of the Concentration and Isotope Ratio of Trace Lead in Lake Mashu by Solid-phase Extraction/ICP-MS. Bunseki Kagaku, 2019, 68, 877-883.	0.2	0