

Shigeyuki Wakaki

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

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all docs

27
docs citations

27
times ranked

711
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxygen Isotopic Compositions of Asteroidal Materials Returned from Itokawa by the Hayabusa Mission. <i>Science</i> , 2011, 333, 1116-1119.	6.0	161
2	Stable isotope analysis of Nd by double spike thermal ionization mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2012, 323-324, 45-54.	0.7	48
3	Oxygen isotopic composition of the solar nebula gas inferred from high-precision isotope imaging of melilite crystals in an Allende CAI. <i>Meteoritics and Planetary Science</i> , 2012, 47, 2070-2083.	0.7	34
4	Isotope ratio measurements of trace Nd by the total evaporation normalization (TEN) method in thermal ionization mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2007, 264, 157-163.	0.7	28
5	^{26}Al - ^{26}Mg chronology and oxygen isotope distributions of multiple melting for a Type C CAI from Allende. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 169, 99-114.	1.6	28
6	Petrology, trace element abundances and oxygen isotopic compositions of a compound CAI-chondrule object from Allende. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 102, 261-279.	1.6	23
7	Significant contribution of subseafloor microparticles to the global manganese budget. <i>Nature Communications</i> , 2019, 10, 400.	5.8	22
8	Low-Temperature Clay Mineral Dehydration Contributes to Porewater Dilution in Bering Sea Slope Subseafloor. <i>Frontiers in Earth Science</i> , 2018, 6, .	0.8	21
9	Precise and accurate analysis of deep and surface seawater Sr stable isotopic composition by double-spike thermal ionization mass spectrometry. <i>Geochemical Journal</i> , 2017, 51, 227-239.	0.5	20
10	The Origin and Evolution of Nucleosynthetic Sr Isotope Variability in Calcium and Aluminum-rich Refractory Inclusions. <i>Astrophysical Journal</i> , 2018, 853, 48.	1.6	15
11	Isotope analysis of nanogram to sub-nanogram sized Nd samples by total evaporation normalization thermal ionization mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2018, 424, 40-48.	0.7	12
12	Isotope Dilution-Total Evaporation-Thermal Ionization Mass Spectrometric Direct Determination of Radioactive Strontium-90 in Microdrop Samples. <i>Analytical Chemistry</i> , 2020, 92, 16058-16065.	3.2	10
13	Stable Sm isotopic analysis of terrestrial rock samples by double-spike thermal ionization mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2016, 407, 22-28.	0.7	9
14	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, .	0.8	8
15	Calcium and strontium stable isotopes reveal similar behaviors of essential Ca and nonessential Sr in stream food webs. <i>Ecosphere</i> , 2022, 13, .	1.0	8
16	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, .	0.8	7
17	A part per trillion isotope ratio analysis of $^{90}\text{Sr}/^{88}\text{Sr}$ using energy-filtered thermal ionization mass spectrometry. <i>Scientific Reports</i> , 2022, 12, 1151.	1.6	6
18	Effect of Crystallinity of Apatite in Cremated bone on Carbon exchanges during burial and reliability of Radiocarbon Dating. <i>Radiocarbon</i> , 2019, 61, 1823-1834.	0.8	5

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19	Single mineral Rb-Sr isochron dating applied to the Nohi Rhyolite and a quartz porphyry dyke, central Japan. <i>Geochemical Journal</i> , 2005, 39, 21-28.	0.5	4
20	Oxygen isotopic variations in a type A Ca-Al-rich inclusion revealed by high-precision secondary ion mass spectrometry analysis with micrometer resolution. <i>Surface and Interface Analysis</i> , 2012, 44, 678-681.	0.8	3
21	A chronological and geochemical study of the Tadamigawa older-stage granites: Igneous activity in the west of the Tanakura Tectonic Line (TTL) of northeastern Japan. <i>Geochemical Journal</i> , 2020, 54, 203-220.	0.5	3
22	Sequential chemical separation of Sr, Nd and Pb from geological samples using multi-step extraction column chromatography. <i>JAMSTEC Report of Research and Development</i> , 2018, 27, 1-12.	0.2	2
23	Determination of stable isotope ratios of Ba by ^{130}Ba double-spike total evaporation method using thermal ionization mass spectrometry (DS-TEV-TIMS). <i>JAMSTEC Report of Research and Development</i> , 2018, 27, 109-118.	0.2	2
24	Crustal anorthosite formation by deep-seated hydrothermal circulation beneath fast-spreading axis: Constraints from chronological approach, Sr isotope, and fluid-inclusion investigation. <i>Island Arc</i> , 2021, 30, e12423.	0.5	1
25	An effect of variations in relative sensitivity factors on Al-Mg systematics of Ca-Al-rich inclusions in meteorites with secondary ion mass spectrometry. <i>Geochemical Journal</i> , 2021, 55, 283-287.	0.5	1
26	Paleogene Lithostratigraphy and Recognition of the Marine Incursion of the Proto-Paratethys Sea in the Fergana Basin, Uzbekistan. <i>Geosciences (Switzerland)</i> , 2022, 12, 203.	1.0	0