

Shigeyuki Wakaki

List of Publications by Year in descending order

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Version: 2024-02-01

26

papers

481

citations

840776

11

h-index

677142

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all docs

27

docs citations

27

times ranked

711

citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | 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. | 3.3 | 6 |
| 2 | Calcium and strontium stable isotopes reveal similar behaviors of essential Ca and nonessential Sr in stream food webs. <i>Ecosphere</i> , 2022, 13, . | 2.2 | 8 |
| 3 | 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. | 2.2 | 0 |
| 4 | Stable Strontium Isotopic Compositions of River Water, Groundwater and Sediments From the Gangesâ€“Brahmaputraâ€“Meghna River System in Bangladesh. <i>Frontiers in Earth Science</i> , 2021, 9, . | 1.8 | 7 |
| 5 | Crustal anorthosite formation by deepâ€“seated hydrothermal circulation beneath fastâ€“spreading axis: Constraints from chronological approach, Sr isotope, and fluidâ€“chromite inclusion investigation. <i>Island Arc</i> , 2021, 30, e12423. | 1.1 | 1 |
| 6 | 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. | 1.0 | 1 |
| 7 | Isotope Dilutionâ€“Total Evaporationâ€“Thermal Ionization Mass Spectrometric Direct Determination of Radioactive Strontium-90 in Microdrop Samples. <i>Analytical Chemistry</i> , 2020, 92, 16058-16065. | 6.5 | 10 |
| 8 | 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, . | 1.8 | 8 |
| 9 | 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. | 1.0 | 3 |
| 10 | 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. | 1.8 | 5 |
| 11 | Significant contribution of subseafloor microparticles to the global manganese budget. <i>Nature Communications</i> , 2019, 10, 400. | 12.8 | 22 |
| 12 | The Origin and Evolution of Nucleosynthetic Sr Isotope Variability in Calcium and Aluminum-rich Refractory Inclusions. <i>Astrophysical Journal</i> , 2018, 853, 48. | 4.5 | 15 |
| 13 | 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. | 1.5 | 12 |
| 14 | 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 |
| 15 | Low-Temperature Clay Mineral Dehydration Contributes to Porewater Dilution in Bering Sea Slope Subseafloor. <i>Frontiers in Earth Science</i> , 2018, 6, . | 1.8 | 21 |
| 16 | Determination of stable isotope ratios of Ba by ^{130}Ba â€“ ^{135}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 |
| 17 | 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. | 1.0 | 20 |
| 18 | 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. | 1.5 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | ^{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. | 3.9 | 28 |
| 20 | 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. | 3.9 | 23 |
| 21 | Stable isotope analysis of Nd by double spike thermal ionization mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2012, 323-324, 45-54. | 1.5 | 48 |
| 22 | 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. | 1.6 | 34 |
| 23 | 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. | 1.8 | 3 |
| 24 | Oxygen Isotopic Compositions of Asteroidal Materials Returned from Itokawa by the Hayabusa Mission. <i>Science</i> , 2011, 333, 1116-1119. | 12.6 | 161 |
| 25 | 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. | 1.5 | 28 |
| 26 | 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. | 1.0 | 4 |