

Jun Ichi Kimura

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

208
papers

7,658
citations

44
h-index

79
g-index

211
ext. papers

8,719
ext. citations

3.5
avg, IF

5.99
L-index

#	Paper	IF	Citations
208	Across-arc variations in K-isotope ratios in lavas of the Izu arc: Evidence for progressive depletion of the slab in K and similarly mobile elements. <i>Earth and Planetary Science Letters</i> , 2022 , 578, 117291	5.3	1
207	ReOs geochemistry of hydrothermally altered dacitic rock in a submarine volcano at Site U1527, IODP Expedition 376: Implications for the Re cycle in intraoceanic arcs. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2022 , 180, 103687	2.5	0
206	Linking Chemical Heterogeneity to Lithological Heterogeneity of the Samoan Mantle Plume With Fe-Sr-Nd-Pb Isotopes. <i>Journal of Geophysical Research: Solid Earth</i> , 2021 , 126,	3.6	1
205	Rapid coupling between solid earth and ice volume during the Quaternary. <i>Scientific Reports</i> , 2021 , 11, 5695	4.9	2
204	Marine osmium isotope record during the Carnian pluvial episode (Late Triassic) in the pelagic Panthalassa Ocean. <i>Global and Planetary Change</i> , 2021 , 197, 103387	4.2	8
203	Constraints on the Timing of Explosive Volcanism at Aso and Aira Calderas (Japan) Between 50 and 30 ka: New Insights From the Lake Suigetsu Sedimentary Record (SG14 Core). <i>Geochemistry, Geophysics, Geosystems</i> , 2020 , 21, e2019GC008874	3.6	3
202	Fish proliferation and rare-earth deposition by topographically induced upwelling at the late Eocene cooling event. <i>Scientific Reports</i> , 2020 , 10, 9896	4.9	15
201	Two-stages of plume tail volcanism formed Ojin Rise Seamounts adjoining Shatsky Rise. <i>Lithos</i> , 2020 , 372-373, 105652	2.9	4
200	Genesis of Recent Mafic Magmatism in the Taupo Volcanic Zone, New Zealand: Insights into the Birth and Death of Very Large Volume Rhyolitic Systems?. <i>Journal of Petrology</i> , 2020 , 61,	3.9	10
199	Tracing dehydration and melting of the subducted slab with tungsten isotopes in arc lavas. <i>Earth and Planetary Science Letters</i> , 2020 , 530, 115942	5.3	13
198	The earliest stage of Izu rear-arc volcanism revealed by drilling at Site U1437, International Ocean Discovery Program Expedition 350. <i>Island Arc</i> , 2020 , 29, e12340	2	5
197	Evolution of the Southwest Australian Rifted Continental Margin During Breakup of East Gondwana: Results From International Ocean Discovery Program Expedition 369. <i>Geochemistry, Geophysics, Geosystems</i> , 2020 , 21, e2020GC009144	3.6	9
196	The First 10 Million Years of Rear-Arc Magmas Following Backarc Basin Formation Behind the Izu Arc. <i>Geochemistry, Geophysics, Geosystems</i> , 2020 , 21, e2020GC009114	3.6	1
195	Refining the eruptive history of Ulleungdo and Changbaishan volcanoes (East Asia) over the last 86 kyrs using distal sedimentary records. <i>Journal of Volcanology and Geothermal Research</i> , 2020 , 389, 106669	2.8	10
194	Subduction initiation and back-arc opening north of Neo-Tethys: Evidence from the Late Cretaceous Torbat-e-Heydarieh ophiolite of NE Iran. <i>Bulletin of the Geological Society of America</i> , 2020 , 132, 1083-1105	3.9	9
193	Statistic and Isotopic Characterization of Deep-Sea Sediments in the Western North Pacific Ocean: Implications for Genesis of the Sediment Extremely Enriched in Rare Earth Elements. <i>Geochemistry, Geophysics, Geosystems</i> , 2019 , 20, 3402-3430	3.6	24
192	Identifying volatile mantle trend with the water-fluorine-beryllium systematics of basaltic glass. <i>Chemical Geology</i> , 2019 , 522, 283-294	4.2	12

191	New Olivine Reference Material for In Situ Microanalysis. <i>Geostandards and Geoanalytical Research</i> , 2019 , 43, 453-473	3.6	31
190	Buoyant hydrous mantle plume from the mantle transition zone. <i>Scientific Reports</i> , 2019 , 9, 6549	4.9	24
189	Pb isotope compositions of galena in hydrothermal deposits obtained by drillings from active hydrothermal fields in the middle Okinawa Trough determined by LA-MC-ICP-MS. <i>Chemical Geology</i> , 2019 , 514, 90-104	4.2	12
188	Coexisting different types of zoned garnet in kyanite-quartz eclogites from the Sanbagawa metamorphic belt: Evidence of deformation-induced lithological mixing during prograde metamorphism. <i>Island Arc</i> , 2019 , 28, e12274	2	2
187	Growth of (110)-one-axis-oriented perovskite-type oxide thin films with local epitaxy on (111)SrTiO ₃ single crystal substrates. <i>Japanese Journal of Applied Physics</i> , 2019 , 58, SLLB01	1.4	
186	Triassic marine Os isotope record from a pelagic chert succession, Sakahogi section, Mino Belt, southwest Japan. <i>Journal of Asian Earth Sciences: X</i> , 2019 , 1, 100004	0.8	3
185	Boron isotope variations of Franciscan serpentinites, northern California. <i>Lithos</i> , 2019 , 334-335, 180-189	2.9	12
184	Geochemical mapping of slab-derived fluid and source mantle along Japan arcs. <i>Gondwana Research</i> , 2019 , 70, 36-49	5.1	6
183	A Miocene impact ejecta layer in the pelagic Pacific Ocean. <i>Scientific Reports</i> , 2019 , 9, 16111	4.9	5
182	Tiny droplets of ocean island basalts unveil Earth's deep chlorine cycle. <i>Nature Communications</i> , 2019 , 10, 60	17.4	12
181	The tremendous potential of deep-sea mud as a source of rare-earth elements. <i>Scientific Reports</i> , 2018 , 8, 5763	4.9	93
180	Clinopyroxene and bulk rock Sr ⁸⁷ /Sr ⁸⁶ isotope compositions of Raivavae ocean island basalts: Does clinopyroxene record early stage magma chamber processes?. <i>Chemical Geology</i> , 2018 , 482, 18-31	4.2	11
179	Geophysical source conditions for basaltic lava from Santorini volcano based on geochemical modeling. <i>Lithos</i> , 2018 , 316-317, 295-303	2.9	3
178	A numerical inversion method for improving the spatial resolution of elemental imaging by laser ablation-inductively coupled plasma-mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2018 , 33, 2210-2218	3.7	3
177	Recycled ancient ghost carbonate in the Pitcairn mantle plume. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 8682-8687	11.5	42
176	In-situ lithium isotope geochemistry for a veined jadeitite from the New Idria serpentinite body, California: Constraints on slab-derived fluid and fluid-rock interaction. <i>Lithos</i> , 2018 , 318-319, 376-385	2.9	6
175	Precise isotope analysis of tellurium by inductively coupled plasma mass spectrometry using a double spike method. <i>Journal of Analytical Atomic Spectrometry</i> , 2018 , 33, 1233-1242	3.7	6
174	High-precision in situ analysis of Pb isotopes in melt inclusions by LA-ICP-MS and application of Independent Component Analysis. <i>Geochemical Journal</i> , 2018 , 52, 69-74	0.9	3

173	Analysis of matrix effect in laser ablation inductively coupled plasma mass spectrometry for rhyolitic glass: Critical evaluation with new Aso-4 b-W synthetic glass blocks. <i>Geochemical Journal</i> , 2018 , 52, 227-240	0.9	2
172	U-Pb dating of calcite using LA-ICP-MS: Instrumental setup for non-matrix-matched age dating and determination of analytical areas using elemental imaging. <i>Geochemical Journal</i> , 2018 , 52, 531-540	0.9	13
171	Spfa-1 tephra identified from core samples in Lake Inawashiro-ko and off Sendai in the Pacific Ocean, northeast Japan. <i>The Quaternary Research</i> , 2018 , 57, 65-75	0.1	1
170	Determination of stable isotope ratios of Ba by $^{130}\text{Ba}/^{135}\text{Ba}$ 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	1
169	Plume-stagnant slab-lithosphere interactions: Origin of the late Cenozoic intra-plate basalts on the East Eurasia margin. <i>Lithos</i> , 2018 , 300-301, 227-249	2.9	36
168	In-situ Sr-Pb isotope geochemistry of lawsonite: A new method to investigate slab-fluids. <i>Lithos</i> , 2018 , 320-321, 93-104	2.9	7
167	Constraints on the frequency and dispersal of explosive eruptions at Sambe and Daisen volcanoes (South-West Japan Arc) from the distal Lake Suigetsu record (SG06 core). <i>Earth-Science Reviews</i> , 2018 , 185, 1004-1028	10.2	24
166	Rapid determination of initial $^{87}\text{Sr}/^{86}\text{Sr}$ and estimation of the Rb-Sr age of plutonic rocks by LA-ICPMS of variably altered feldspars: An example from the 1.14 Ga Great Abitibi Dyke, Ontario, Canada. <i>Lithos</i> , 2018 , 314-315, 52-58	2.9	2
165	Roll-Back, Extension and Mantle Upwelling Triggered Eocene Potassic Magmatism in NW Iran. <i>Journal of Petrology</i> , 2018 , 59, 1417-1465	3.9	27
164	Using tephrostratigraphy and cryptotephrostratigraphy to re-evaluate and improve the Middle Pleistocene age model for marine sequences in northeast Japan (Chikyu C9001C). <i>Quaternary Geochronology</i> , 2017 , 40, 129-145	2.7	10
163	Paleoceanographic conditions on the S β Paulo Ridge, SW Atlantic Ocean, for the past 30 million years inferred from Os and Pb isotopes of a hydrogenous ferromanganese crust. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017 , 146, 82-92	2.3	16
162	Origin of geochemical mantle components: Role of spreading ridges and thermal evolution of mantle. <i>Geochemistry, Geophysics, Geosystems</i> , 2017 , 18, 697-734	3.6	18
161	Origin of felsic volcanism in the Izu arc intra-arc rift. <i>Contributions To Mineralogy and Petrology</i> , 2017 , 172, 1	3.5	10
160	Homogenised 266 nm femtosecond laser ablation for isotopic and elemental microanalyses using inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2017 , 32, 1203-1210 ²	3.7	2
159	Collision-induced post-plateau volcanism: Evidence from a seamount on Ontong Java Plateau. <i>Lithos</i> , 2017 , 294-295, 87-96	2.9	10
158	Murakamiite, $\text{LiCa}_2\text{Si}_3\text{O}_8(\text{OH})$, a Li-analogue of pectolite, from the Iwagi Islet, southwest Japan. <i>European Journal of Mineralogy</i> , 2017 , 29, 1045-1053	2.2	7
157	Geochemistry of the NW Pacific Plate: Origins of Indian and Pacific Mantles and Nature of Their Boundary. <i>Journal of Geography (Chigaku Zasshi)</i> , 2017 , 126, 163-179	0.5	4
156	Genesis of ultra-high-Ni olivine in high-Mg andesite lava triggered by seamount subduction. <i>Scientific Reports</i> , 2017 , 7, 11515	4.9	13

155	Depositional Age of a Fossil Whale Bone from Sã Paulo Ridge, South Atlantic Ocean, Based on Os Isotope Stratigraphy of a Ferromanganese Crust. <i>Resource Geology</i> , 2017 , 67, 442-450	1	4
154	Modeling chemical geodynamics of subduction zones using the ArcBasalt Simulator version 5 2017 , GES01468.4		
153	Overview of the Drilling Project on the Bend-fault Hydrology in Old Incoming Plate. <i>Journal of Geography (Chigaku Zasshi)</i> , 2017 , 126, 247-262	0.5	5
152	Melt-rock interactions and fabric development of peridotites from North Pond in the Kane area, Mid-Atlantic Ridge: Implications of microstructural and petrological analyses of peridotite samples from IODP Hole U1382A. <i>Geochemistry, Geophysics, Geosystems</i> , 2016 , 17, 2298-2322	3.6	5
151	U-Pb chronology and geochemistry of detrital monazites from major African rivers: Constraints on the timing and nature of the Pan-African Orogeny. <i>Precambrian Research</i> , 2016 , 282, 139-156	3.9	26
150	Origin of geochemical mantle components: Role of subduction filter. <i>Geochemistry, Geophysics, Geosystems</i> , 2016 , 17, 3289-3325	3.6	35
149	High-precision in situ analysis of Pb isotopes in glasses using 1013 Ω resistor high gain amplifiers with ultraviolet femtosecond laser ablation multiple Faraday collector inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2016 , 31, 790-800	3.7	39
148	Origin of unusual fractionation of Pb isotope ratios with calcium in thallium-spiked multiple collector-inductively coupled plasma mass spectrometry. <i>Geochemical Journal</i> , 2016 , 50, 423-429	0.9	2
147	Determination of relative Faraday cup efficiency factor using Ω exponential law mass fractionation model for multiple collector Ω thermal ionization mass spectrometry. <i>Geochemical Journal</i> , 2016 , 50, 445-447	0.9	5
146	Is gold solubility subject to pressure variations in ascending arc magmas?. <i>Geochimica Et Cosmochimica Acta</i> , 2016 , 188, 224-243	5.5	16
145	Degassing and magma mixing during the eruption of Surtsey Volcano (Iceland, 1963-1967): the signatures of a dynamic and discrete rift propagation event. <i>Bulletin of Volcanology</i> , 2016 , 78, 1	2.4	13
144	Geochemical records from loess deposits in Japan over the last 210 kyr: Lithogenic source changes and paleoclimatic indications. <i>Geochemistry, Geophysics, Geosystems</i> , 2016 , 17, 2745-2761	3.6	10
143	Influence of laser parameters on isotope fractionation and optimisation of lithium and boron isotope ratio measurements using laser ablation-multiple Faraday collector-inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2016 , 31, 2305-2320	3.7	20
142	Ocean Basalt Simulator version 1 (OBS1): Trace element mass balance in adiabatic melting of a pyroxenite-bearing peridotite. <i>Geochemistry, Geophysics, Geosystems</i> , 2015 , 16, 267-300	3.6	32
141	In situ Sr isotope measurement of small glass samples using multiple-Faraday collector inductively coupled plasma mass spectrometry with 1012 Ω resistor high gain Faraday amplifiers. <i>Journal of Analytical Atomic Spectrometry</i> , 2015 , 30, 515-524	3.7	9
140	Interaction of arc magmas with subvolcanic hydrothermal systems: insights from compositions and metasomatic textures of olivine crystals in fresh basalts of Daisen and Mengameyama, Western Honshu, Japan. <i>Geological Society Special Publication</i> , 2015 , 410, 219-236	1.7	5
139	Geochemical variations in Japan Sea back-arc basin basalts formed by high-temperature adiabatic melting of mantle metasomatized by sediment subduction components. <i>Geochemistry, Geophysics, Geosystems</i> , 2015 , 16, 1324-1347	3.6	37
138	Slab-derived fluids, fore-arc hydration, and sub-arc magmatism beneath Kyushu, Japan. <i>Geophysical Research Letters</i> , 2015 , 42, 1685-1693	4.9	24

137	Role of back-arc tectonics in the origin of subduction magmas: new Sr, Nd, and Pb isotope data from Middle Miocene lavas of Kunashir Island (Kurile Island Arc). <i>Russian Geology and Geophysics</i> , 2015 , 56, 363-378	1	6
136	A new high-precision method for determining stable chlorine isotopes in halite and igneous rock samples using UV-femtosecond laser ablation multiple Faraday collector inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2015 , 30, 2194-2207	3.7	5
135	An improved U/Pb age dating method for zircon and monazite using 200/266 nm femtosecond laser ablation and enhanced sensitivity multiple-Faraday collector inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2015 , 30, 494-505	3.7	22
134	Reply to comment by I. Pineda-Velasco, T. T. Nguyen, H. Kitagawa, and E. Nakamura on Diverse magmatic effects of subducting a hot slab in SW Japan: Results from forward modeling□ <i>Geochemistry, Geophysics, Geosystems</i> , 2015 , 16, 2853-2857	3.6	14
133	Origins of felsic magmas in Japanese subduction zone: Geochemical characterizations of tephra from caldera-forming eruptions. <i>Geochemistry, Geophysics, Geosystems</i> , 2015 , 16, 2147-2174	3.6	60
132	Missing western half of the Pacific Plate: Geochemical nature of the Izanagi-Pacific Ridge interaction with a stationary boundary between the Indian and Pacific mantles. <i>Geochemistry, Geophysics, Geosystems</i> , 2015 , 16, 3309-3332	3.6	28
131	Age of Matuyama-Brunhes boundary constrained by U-Pb zircon dating of a widespread tephra. <i>Geology</i> , 2015 , 43, 491-494	5	72
130	Re/Os isotope geochemistry in the surface layers of ferromanganese crusts from the Takuyo Daigo Seamount, northwestern Pacific Ocean. <i>Geochemical Journal</i> , 2015 , 49, 233-241	0.9	17
129	Spatial variation of Sr-Nd-Hf isotopic compositions in from Cretaceous to Paleogene granitoids from Northeastern Japan Arc. <i>Ganseki Kobutsu Kagaku</i> , 2015 , 44, 91-111	0.1	4
128	Primary melt from Sannome-gata volcano, NE Japan arc: constraints on generation conditions of rear-arc magmas. <i>Contributions To Mineralogy and Petrology</i> , 2014 , 167, 1	3.5	16
127	Behaviour of subducted water and its role in magma genesis in the NE Japan arc: A combined geophysical and geochemical approach. <i>Geochimica Et Cosmochimica Acta</i> , 2014 , 143, 165-188	5.5	40
126	Melting of the Uppermost Metasomatized Asthenosphere Triggered by Fluid Fluxing from Ancient Subducted Sediment: Constraints from the Quaternary Basalt Lavas at Chugaryeong Volcano, Korea. <i>Journal of Petrology</i> , 2014 , 55, 499-528	3.9	24
125	SIMS zircon U/Pb and mica K/Ar geochronology, and Sr/Nd isotope geochemistry of Neoproterozoic granitoids and their bearing on the evolution of the north Eastern Desert, Egypt. <i>Gondwana Research</i> , 2014 , 25, 1570-1598	5.1	47
124	Analysis of stable isotope ratios of Ba by double-spike standard-sample bracketing using multiple-collector inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2014 , 29, 483	3.7	39
123	Mission Immiscible: Distinct Subduction Components Generate Two Primary Magmas at Pagan Volcano, Mariana Arc. <i>Journal of Petrology</i> , 2014 , 55, 63-101	3.9	46
122	Precise determination of Os isotope ratios in the 150000 pg range using a sparging method using enhanced-sensitivity multiple Faraday collector-inductively coupled plasma-mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2014 , 29, 1483-1490	3.7	14
121	Calculation of water-bearing primary basalt and estimation of source mantle conditions beneath arcs: PRIMACALC2 model for WINDOWS. <i>Geochemistry, Geophysics, Geosystems</i> , 2014 , 15, 1494-1514	3.6	37
120	Trace element mass balance in hydrous adiabatic mantle melting: The Hydrous Adiabatic Mantle Melting Simulator version 1 (HAMMS1). <i>Geochemistry, Geophysics, Geosystems</i> , 2014 , 15, 2467-2493	3.6	19

119	Jurassic plume-origin ophiolites in Japan: accreted fragments of oceanic plateaus. <i>Contributions To Mineralogy and Petrology</i> , 2014 , 168, 1	3.5	30
118	Diverse magmatic effects of subducting a hot slab in SW Japan: Results from forward modeling. <i>Geochemistry, Geophysics, Geosystems</i> , 2014 , 15, 691-739	3.6	56
117	Microanalysis of Pb isotope ratios of low-Pb glass samples by femtosecond laser ablation-multiple ion counter-ICP-mass spectrometry (fsLA-MIC-ICP-MS). <i>Geochemical Journal</i> , 2014 , 48, 309-320	0.9	6
116	Evaluation of a rapid, effective sample digestion method for trace element analysis of granitoid samples containing acid-resistant minerals: Alkali fusion after acid digestion. <i>Geochemical Journal</i> , 2014 , 48, 99-103	0.9	15
115	Evolution of late Cenozoic magmatism and the crust-mantle structure in the NE Japan Arc. <i>Geological Society Special Publication</i> , 2014 , 385, 335-387	1.7	41
114	Isotope evolution in the HIMU reservoir beneath St. Helena: Implications for the mantle recycling of U and Th. <i>Geochimica Et Cosmochimica Acta</i> , 2014 , 143, 232-252	5.5	41
113	Water content of primitive low-K tholeiitic basalt magma from Iwate Volcano, NE Japan arc: implications for differentiation mechanism of frontal-arc basalt magmas. <i>Mineralogy and Petrology</i> , 2014 , 108, 1-11	1.6	20
112	Zircon U/Pb age and its geological significance of late Carboniferous and Early Cretaceous adakitic granites from eastern margin of the Abukuma Mountains, Japan. <i>Journal of the Geological Society of Japan</i> , 2014 , 120, 37-51	0.6	16
111	Special Issue "Japanese granites and tectonics"; Preface. <i>Ganseki Kobutsu Kagaku</i> , 2014 , 43, 67-70	0.1	
110	Standardless determination of Nd isotope ratios in glasses and minerals using laser-ablation multiple-collector inductively coupled plasma mass spectrometry with a low-oxide molecular yield interface setup. <i>Journal of Analytical Atomic Spectrometry</i> , 2013 , 28, 1522	3.7	35
109	Decoding crystal fractionation in calc-alkaline magmas from the Bezymianny Volcano (Kamchatka, Russia) using mineral and bulk rock compositions. <i>Journal of Volcanology and Geothermal Research</i> , 2013 , 263, 141-171	2.8	32
108	High-Mg Adakite and Low-Ca Boninite from a Bonin Fore-arc Seamount: Implications for the Reaction between Slab Melts and Depleted Mantle. <i>Journal of Petrology</i> , 2013 , 54, 1149-1175	3.9	72
107	Melting of dehydrated oceanic crust from the stagnant slab and of the hydrated mantle transition zone: Constraints from Cenozoic alkaline basalts in eastern China. <i>Chemical Geology</i> , 2013 , 359, 32-48	4.2	101
106	Transition zone origin of potassic basalts from Wudalianchi volcano, northeast China. <i>Lithos</i> , 2013 , 156-159, 1-12	2.9	93
105	The role of polybaric crystallization in genesis of andesitic magmas: Phase equilibria simulations of the Bezymianny volcanic subseries. <i>Journal of Volcanology and Geothermal Research</i> , 2013 , 263, 182-192	2.8	20
104	A new analytical bias correction for in situ Sr isotope analysis of plagioclase crystals using laser-ablation multiple-collector inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2013 , 28, 945	3.7	36
103	Storage conditions of Bezymianny Volcano parental magmas: results of phase equilibria experiments at 100 and 700 MPa. <i>Contributions To Mineralogy and Petrology</i> , 2013 , 166, 1389-1414	3.5	28
102	Primary Magmas at the Volcanic Front of the NE Japan Arc: Coeval Eruption of Crustal Low-K Tholeiitic and Mantle-derived Medium-K Calc-Alkaline Basalts at Azuma Volcano. <i>Journal of Petrology</i> , 2013 , 54, 103-148	3.9	31

101	An inter-laboratory evaluation of OD-3 zircon for use as a secondary U/Pb dating standard. <i>Island Arc</i> , 2013 , 22, 382-394	2	152
100	Pb isotope analyses of silicate rocks and minerals with Faraday detectors using enhanced-sensitivity laser ablation-multiple collector-inductively coupled plasma mass spectrometry. <i>Geochemical Journal</i> , 2013 , 47, 369-384	0.9	13
99	Melt-peridotite reactions: Roles in magma genesis beneath mid-ocean ridges, oceanic islands, and volcanic arcs. <i>Ganseki Kobutsu Kagaku</i> , 2013 , 42, 83-100	0.1	2
98	Hf/Nd isotope constraints on the origin of Dehshir Ophiolite, Central Iran. <i>Island Arc</i> , 2012 , 21, 202-214	2	17
97	Indian MORB-type mantle beneath the Kuril Island arc: Isotopic investigation of the mafic lavas of Kunashir Island. <i>Petrology</i> , 2012 , 20, 93-100	1.2	11
96	The early Miocene (~25 Ma) volcanism in the northern Kyushu-Palau Ridge, enriched mantle source injection during rifting prior to the Shikoku backarc basin opening. <i>Contributions To Mineralogy and Petrology</i> , 2012 , 163, 483-504	3.5	10
95	Determination of Hf isotope ratios in zircon using multiple collector-inductively coupled plasma mass spectrometry equipped with laser ablation and desolvating nebulizer dual sample introduction system. <i>Geochemical Journal</i> , 2012 , 46, 1-12	0.9	11
94	Origin of the suppressed matrix effect for improved analytical performance in determination of major and trace elements in anhydrous silicate samples using 200 nm femtosecond laser ablation sector-field inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2012 , 27, 1549	3.7	56
93	Chemical and Isotopic Characteristics of the Kuroko-Forming Volcanism. <i>Resource Geology</i> , 2012 , 62, 369-383	1	13
92	Variety and origin of magmas on Shatsky Rise, northwest Pacific Ocean. <i>Geochemistry, Geophysics, Geosystems</i> , 2012 , 13, n/a-n/a	3.6	46
91	Across- and along-arc geochemical variations of lava chemistry in the Sangihe arc: Various fluid and melt slab fluxes in response to slab temperature. <i>Geochemistry, Geophysics, Geosystems</i> , 2012 , 13, n/a-n/a	3.6	16
90	Development of a fully automated open-column chemical-separation system—COLUMN SPIDER—and its application to Sr-Nd-Pb isotope analyses of igneous rock samples. <i>Journal of Mineralogical and Petrological Sciences</i> , 2012 , 107, 74-86	0.9	17
89	Petrogenesis of the early Pleistocene volcanic rocks in the Sekita Mountains and the Shikumi river basin, North Fossa Magna, Central Japan—Differentiation process of tholeiitic basaltic magma—. <i>Ganseki Kobutsu Kagaku</i> , 2012 , 41,	0.1	1
88	Picrites in central Hokkaido: Evidence of extremely high temperature magmatism in the Late Jurassic ocean recorded in an accreted oceanic plateau. <i>Geology</i> , 2012 , 40, 411-414	5	13
87	Petrogenesis of the Kaikomagatake granitoid pluton in the Izu Collision Zone, central Japan: implications for transformation of juvenile oceanic arc into mature continental crust. <i>Contributions To Mineralogy and Petrology</i> , 2012 , 163, 611-629	3.5	14
86	A Method for Rapid Determination of Re and Os Isotope Compositions Using ID-MC-ICP-MS Combined with the Sparging Method. <i>Geostandards and Geoanalytical Research</i> , 2012 , 36, 131-148	3.6	29
85	Reactive Melt Flow as the Origin of Residual Mantle Lithologies and Basalt Chemistries in Mid-Ocean Ridges: Implications from the Red Hills Peridotite, New Zealand. <i>Journal of Petrology</i> , 2012 , 53, 1637-1671	3.9	31
84	Improved Nd chemical separation technique for ¹⁴³ Nd/ ¹⁴⁴ Nd analysis in geological samples using packed Ln resin columns. <i>JAMSTEC Report of Research and Development</i> , 2012 , 15, 27-33	0	16

83	Geochemical characteristics and origin of the HIMU reservoir: A possible mantle plume source in the lower mantle. <i>Geochemistry, Geophysics, Geosystems</i> , 2011 , 12, n/a-n/a	3.6	85
82	Intensive hydration of the mantle transition zone beneath China caused by ancient slab stagnation. <i>Nature Geoscience</i> , 2011 , 4, 713-716	18.3	179
81	Constraints on the origin of the HIMU reservoir from He-Ne-Ar isotope systematics. <i>Earth and Planetary Science Letters</i> , 2011 , 307, 377-386	5.3	31
80	Optimization of ablation protocol for 200 nm UV femtosecond laser in precise U ²³⁵ -Pb age dating coupled to multi-collector ICP mass spectrometry. <i>Geochemical Journal</i> , 2011 , 45, 283-296	0.9	22
79	The Petrology and Geochemistry of St. Helena Alkali Basalts: Evaluation of the Oceanic Crust-recycling Model for HIMU OIB. <i>Journal of Petrology</i> , 2011 , 52, 791-838	3.9	101
78	Southern Louisiana salt dome xenoliths: First glimpse of Jurassic (ca. 160 Ma) Gulf of Mexico crust. <i>Geology</i> , 2011 , 39, 315-318	5	29
77	Two Primary Basalt Magma Types from Northwest Rota-1 Volcano, Mariana Arc and its Mantle Diapir or Mantle Wedge Plume. <i>Journal of Petrology</i> , 2011 , 52, 1143-1183	3.9	44
76	Composition of the mantle lithosphere beneath south-central Laurentia: Evidence from peridotite xenoliths, Knippa, Texas 2011 , 7, 710-723		10
75	Geochemistry of late Cenozoic lavas on Kunashir Island, Kurile Arc. <i>Island Arc</i> , 2010 , 19, 86-104	2	16
74	Geochemical variation in Tertiary-Quaternary lavas of the West Java arc, Indonesia: Steady-state subduction over the past 10 million years. <i>Journal of Mineralogical and Petrological Sciences</i> , 2010 , 105, 20-28	0.9	5
73	Syncollisional rapid granitic magma formation in an arc-arc collision zone: Evidence from the Tanzawa plutonic complex, Japan. <i>Geology</i> , 2010 , 38, 215-218	5	62
72	Source materials for inception stage Hawaiian magmas: Pb-He isotope variations for early Kilauea. <i>Geochemistry, Geophysics, Geosystems</i> , 2010 , 11, n/a-n/a	3.6	11
71	Fore-arc basalts and subduction initiation in the Izu-Bonin-Mariana system. <i>Geochemistry, Geophysics, Geosystems</i> , 2010 , 11, n/a-n/a	3.6	467
70	Origin of cross-chain geochemical variation in Quaternary lavas from the northern Izu arc: Using a quantitative mass balance approach to identify mantle sources and mantle wedge processes. <i>Geochemistry, Geophysics, Geosystems</i> , 2010 , 11, n/a-n/a	3.6	83
69	Geochemistry and petrogenesis of volcanic rocks in the Kuril island arc. <i>Petrology</i> , 2010 , 18, 489-513	1.2	27
68	Petrography and whole-rock geochemistry of the Tertiary Sylhet succession, northeastern Bengal Basin, Bangladesh: Provenance and source area weathering. <i>Sedimentary Geology</i> , 2010 , 228, 171-183	2.8	66
67	Origin of a late Neoproterozoic (605 ± 13 Ma) intrusive carbonate-albite complex in Southern Sinai, Egypt. <i>International Journal of Earth Sciences</i> , 2010 , 99, 245-267	2.2	44
66	SHRIMP U-Pb zircon geochronology and Sr-Nd isotopic systematic of the Neoproterozoic Ghimbi-Nedjo mafic to intermediate intrusions of Western Ethiopia: a record of passive margin magmatism at 855 Ma?. <i>International Journal of Earth Sciences</i> , 2010 , 99, 1773-1790	2.2	25

65	Geochemical, U/Pb zircon, and Nd isotope investigations of the Neoproterozoic Ghawjah Metavolcanic rocks, Northwestern Saudi Arabia. <i>Lithos</i> , 2010 , 120, 379-392	2.9	51
64	Intraplate magmatism related to deceleration of upwelling asthenospheric mantle: Implications from the Changbaishan shield basalts, northeast China. <i>Lithos</i> , 2009 , 112, 247-258	2.9	74
63	A pseudo adakite derived from partial melting of tonalitic to granodioritic crust, Kyushu, southwest Japan arc. <i>Lithos</i> , 2009 , 112, 615-625	2.9	66
62	Basanite-ephelinite suite from early Kilauea: carbonated melts of phlogopite-garnet peridotite at Hawaii's leading magmatic edge. <i>Contributions To Mineralogy and Petrology</i> , 2009 , 158, 803-829	3.5	36
61	Across-arc geochemical variation of Quaternary lavas in West Java, Indonesia: Mass-balance elucidation using arc basalt simulator model. <i>Island Arc</i> , 2009 , 18, 201-224	2	17
60	Evidence for recycled plate material in Pacific upper mantle unrelated to plumes. <i>Geochimica Et Cosmochimica Acta</i> , 2009 , 73, 3028-3037	5.5	49
59	Geochemistry, Nd isotopes and U/Pb SHRIMP zircon dating of Neoproterozoic volcanic rocks from the Central Eastern Desert of Egypt: New insights into the ~750Ma crust-forming event. <i>Precambrian Research</i> , 2009 , 171, 1-22	3.9	178
58	Peridotites from a ductile shear zone within back-arc lithospheric mantle, southern Mariana Trench: Results of a Shinkai 6500 dive. <i>Geochemistry, Geophysics, Geosystems</i> , 2009 , 10, n/a-n/a	3.6	32
57	Arc Basalt Simulator version 2, a simulation for slab dehydration and fluid-fluxed mantle melting for arc basalts: Modeling scheme and application. <i>Geochemistry, Geophysics, Geosystems</i> , 2009 , 10, n/a-n/a	3.6	62
56	Precise determination of Sr isotope ratios in igneous rock samples and application to micro-analysis of plagioclase phenocrysts. <i>JAMSTEC Report of Research and Development</i> , 2009 , 2009, 59-64	0	28
55	Precise Nd isotope analysis of igneous rocks using cation exchange chromatography and thermal ionization mass spectrometry (TIMS). <i>JAMSTEC Report of Research and Development</i> , 2009 , 2009, 65-71	0	13
54	Precise Pb isotope analysis of igneous rocks using fully-automated double spike thermal ionization mass spectrometry (FA-DS-TIMS). <i>JAMSTEC Report of Research and Development</i> , 2009 , 2009, 73-80	0	12
53	Variations of magnetic susceptibility and fine quartz accumulation rate in Daisen loam over the past 200 000 years: Interaction between winter and summer monsoons in south-west Japan. <i>Island Arc</i> , 2008 , 10, 85-97	2	1
52	Geochemical evidence for enhanced fluid flux due to overlapping subducting plates. <i>Nature Geoscience</i> , 2008 , 1, 380-384	18.3	240
51	Geology and geochemistry of lavas at Nekoma volcano: Implications for origin of Quaternary low-K andesite in the north-eastern Honshu arc, Japan. <i>Island Arc</i> , 2008 , 10, 116-134	2	
50	Petrology and geochemistry of cross-chains in the Izu-Bonin back arc: Three mantle components with contributions of hydrous liquids from a deeply subducted slab. <i>Geochemistry, Geophysics, Geosystems</i> , 2008 , 9, n/a-n/a	3.6	44
49	New Insights into Andesite Genesis: the Role of Mantle-derived Calc-alkalic and Crust-derived Tholeiitic Melts in Magma Differentiation beneath Zao Volcano, NE Japan. <i>Journal of Petrology</i> , 2008 , 49, 1971-2008	3.9	56
48	Petrogenesis of the Neoproterozoic Bikilal-Ghimbi gabbro, Western Ethiopia. <i>Journal of Mineralogical and Petrological Sciences</i> , 2008 , 103, 23-46	0.9	7

47	Early tholeiitic and calc-alkaline arc magmatism of middle to Late Eocene Age in the southern Ogasawara (Bonin) forearc. <i>Contributions To Mineralogy and Petrology</i> , 2008 , 155, 593-618	3.5	14
46	Depleted mantle wedge and sediment fingerprint in unusual basalts from the Manihiki Plateau, central Pacific Ocean. <i>Geology</i> , 2007 , 35, 595	5	45
45	Origin of a voluminous iron-enriched high-K rhyolite magma erupted in the North Japan Alps at 1.75 Ma: Evidence for upper crustal melting. <i>Journal of Volcanology and Geothermal Research</i> , 2007 , 167, 81-99	2.8	10
44	Magmatic sources of quaternary lavas in the Kuril island arc: New data on Sr and Nd isotopy. <i>Doklady Earth Sciences</i> , 2007 , 417, 1206-1211	0.6	5
43	Depleted mantle wedge and sediment fingerprint in unusual basalts from the Manihiki plateau, central Pacific Ocean: Comment and Reply: REPLY. <i>Geology</i> , 2007 , 35, e165-e165	5	
42	Platinum group element anomalies and bioevents in the Triassic-Jurassic deep-sea sediments of Panthalassa. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007 , 244, 391-406	2.9	41
41	Preferential oxidation of carbon monoxide catalyzed by platinum nanoparticles in mesoporous silica. <i>Journal of the American Chemical Society</i> , 2007 , 129, 10120-5	16.4	156
40	Petrogenesis of Early Cretaceous adakitic granites from the Kitakami Mountains, Japan. <i>Journal of Volcanology and Geothermal Research</i> , 2007 , 167, 134-159	2.8	49
39	Formation of Distinct Granitic Magma Batches by Partial Melting of Hybrid Lower Crust in the Izu Arc Collision Zone, Central Japan. <i>Journal of Petrology</i> , 2007 , 48, 1761-1791	3.9	39
38	Isotope geochemistry of early Kilauea magmas from the submarine Hilina bench: The nature of the Hilina mantle component. <i>Journal of Volcanology and Geothermal Research</i> , 2006 , 151, 51-72	2.8	235
37	Submarine sliver in North Kona: A window into the early magmatic and growth history of Hualalai Volcano, Hawaii. <i>Journal of Volcanology and Geothermal Research</i> , 2006 , 151, 157-188	2.8	21
36	Piggyback tectonics: Long-term growth of Kilauea on the south flank of Mauna Loa. <i>Journal of Volcanology and Geothermal Research</i> , 2006 , 151, 73-108	2.8	34
35	Clinopyroxene REE Geochemistry of the Red Hills Peridotite, New Zealand: Interpretation of Magmatic Processes in the Upper Mantle and in the Moho Transition Zone. <i>Journal of Petrology</i> , 2006 , 48, 113-139	3.9	43
34	Volcanism in response to plate flexure. <i>Science</i> , 2006 , 313, 1426-8	33.3	210
33	Contributions of Slab Fluid, Mantle Wedge and Crust to the Origin of Quaternary Lavas in the NE Japan Arc. <i>Journal of Petrology</i> , 2006 , 47, 2185-2232	3.9	381
32	Nanonecklaces of Platinum and Gold with High Aspect Ratios Synthesized in Mesoporous Organosilica Templates by Wet Hydrogen Reduction. <i>Chemistry of Materials</i> , 2006 , 18, 337-343	9.6	51
31	Early stages in the evolution of Izu-Bonin arc volcanism: New age, chemical, and isotopic constraints. <i>Earth and Planetary Science Letters</i> , 2006 , 250, 385-401	5.3	228
30	How juvenile is the Arabian-Nubian Shield? Evidence from Nd isotopes and pre-Neoproterozoic inherited zircon in the Bi'r Umq suture zone, Saudi Arabia. <i>Earth and Planetary Science Letters</i> , 2006 , 252, 308-326	5.3	216

29	Late Neoproterozoic Dokhan Volcanics, North Eastern Desert, Egypt: Geochemistry and petrogenesis. <i>Precambrian Research</i> , 2006 , 151, 31-52	3.9	82
28	Geochemistry, provenance, and tectonic setting of Neoproterozoic metavolcanic and metasedimentary units, Werri area, Northern Ethiopia. <i>Journal of African Earth Sciences</i> , 2005 , 41, 212-234 ²		26
27	Geology and geochemistry of Karasugasen lava dome, Daisen-Iiruzen Volcano Group, southwest Japan. <i>Island Arc</i> , 2005 , 14, 115-136	2	21
26	Characterization of the Mefjell plutonic complex from the Sør Rondane Mountains, East Antarctica: Implications for the petrogenesis of Pan-African plutonic rocks of East Gondwanaland. <i>Island Arc</i> , 2005 , 14, 636-652	2	7
25	Evidence for slab melt/mantle reaction: petrogenesis of Early Cretaceous and Eocene high-Mg andesites from the Kitakami Mountains, Japan. <i>Lithos</i> , 2005 , 79, 179-206	2.9	124
24	Reinitiation of subduction and magmatic responses in SW Japan during Neogene time. <i>Bulletin of the Geological Society of America</i> , 2005 , 117, 969	3.9	166
23	Evolution of Late Cenozoic Magmatism in the NE Honshu Arc and Its Relation to the Crust-Mantle Structures. <i>The Quaternary Research</i> , 2005 , 44, 195-216	0.1	28
22	Petrogenesis of Ashigawa and Tonogi granitic intrusions, southern part of the Miocene Kofu Granitic Complex, central Japan: M-type granite in the Izu arc collision zone. <i>Journal of Mineralogical and Petrological Sciences</i> , 2004 , 99, 104-117	0.9	20
21	Template synthesis of nanoparticle arrays of gold, platinum and palladium in mesoporous silica films and powders. <i>Journal of Materials Chemistry</i> , 2004 , 14, 752		88
20	Age, geochemical and Sr/δBb isotopic constraints for mantle source characteristics and petrogenesis of Teru Volcanics, Northern Kohistan Terrane, Pakistan. <i>Tectonophysics</i> , 2004 , 393, 263-280 ^{3,1}		20
19	Ultra-high chlorine in submarine K ⁻ lauea glasses: evidence for direct assimilation of brine by magma. <i>Earth and Planetary Science Letters</i> , 2004 , 217, 297-313	5.3	50
18	Formation of tonalite from basaltic magma at the Komahashi-Daini Seamount, northern Kyushu-Palau Ridge in the Philippine Sea, and growth of Izu-Ogasawara (Bonin)-Mariana arc crust. <i>Contributions To Mineralogy and Petrology</i> , 2003 , 145, 151-168	3.5	67
17	Pan-African Alkali Granitoids from the Sør Rondane Mountains, East Antarctica. <i>Gondwana Research</i> , 2003 , 6, 595-605	5.1	17
16	Late Cenozoic volcanic activity in the Chugoku area, southwest Japan arc during back-arc basin opening and reinitiation of subduction. <i>Island Arc</i> , 2003 , 12, 22-45	2	47
15	Chemical Diversity of the Ueno Basalts, Central Japan: Identification of Mantle and Crustal Contributions to Arc Basalts. <i>Journal of Petrology</i> , 2002 , 43, 1923-1946	3.9	35
14	Origin of Low-K Intermediate Lavas at Nekoma Volcano, NE Honshu Arc, Japan: Geochemical Constraints for Lower-Crustal Melts. <i>Journal of Petrology</i> , 2002 , 43, 631-661	3.9	31
13	Petrogenesis of the Early Paleozoic Plutonic Rocks from the Sør Rondane Mountains, East Antarctica. <i>Gondwana Research</i> , 2001 , 4, 684-685	5.1	1
12	Variations of magnetic susceptibility and fine quartz accumulation rate in Daisen loam over the past 200 000 years: Interaction between winter and summer monsoons in south-west Japan. <i>Island Arc</i> , 2001 , 10, 85-97	2	5

11	Geology and geochemistry of lavas at Nekoma volcano: Implications for origin of Quaternary low-K andesite in the north-eastern Honshu arc, Japan. <i>Island Arc</i> , 2001 , 10, 116-134	2	10
10	Geology and growth history of Bandai volcano, Tohoku-Honshu arc, Japan. Analysis of volcanic activity by tephrochronology.. <i>Ganseki Kobutsu Kagaku</i> , 2001 , 30, 126-156	0.1	4
9	Magma plumbing system beneath Ontake Volcano, central Japan. <i>Island Arc</i> , 1999 , 8, 1-29	2	20
8	Mantle diapir-induced arc volcanism: The Ueno Basalts, Nomugi-Toge and Hida volcanic suites, central Japan. <i>Island Arc</i> , 1999 , 8, 304-322	2	14
7	Fission Track Ages of Tephtras from Daisen and Sambe Volcanoes and Their Volcanological Implications.. <i>The Quaternary Research</i> , 1999 , 38, 145-155	0.1	17
6	Fukutoku-oka-no-ba Volcano: A new perspective on the Alkalic Volcano Province in the IzuBonin [Mariana arc. <i>Island Arc</i> , 1998 , 7, 432-442	2	15
5	Temporal chemical variations in late Cenozoic volcanic rocks around The Bandung Basin, West Java, Indonesia.. <i>Journal of Mineralogy, Petrology and Economic Geology</i> , 1998 , 93, 103-128		10
4	Near-synchronicity and periodicity of back-Arc propagation of Quaternary explosive volcanism in the southern segment of Northeastern Honshu Arc, Japan: A study facilitated by tephrochronology. <i>Quaternary International</i> , 1996 , 34-36, 99-105	2	9
3	Evaluation of major and trace element XRF analyses using a flux to sample ratio of two to one glass beads.. <i>Journal of Mineralogy, Petrology and Economic Geology</i> , 1996 , 91, 62-72		116
2	Major and trace element concentrations of Korean Geostandard rock samples.. <i>Journal of Mineralogy, Petrology and Economic Geology</i> , 1996 , 91, 102-108		3
1	Identification of Widespread Tephtras in and around Bandai Volcano, Northeast Japan.. <i>Journal of Geography (Chigaku Zasshi)</i> , 1995 , 104, 551-560	0.5	6