

Jun Ichi Kimura

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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	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
207	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
206	Geochemical evidence for enhanced fluid flux due to overlapping subducting plates. <i>Nature Geoscience</i> , 2008 , 1, 380-384	18.3	240
205	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
204	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
203	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
202	Volcanism in response to plate flexure. <i>Science</i> , 2006 , 313, 1426-8	33.3	210
201	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
200	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
199	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
198	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
197	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
196	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
195	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
194	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
193	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
192	The tremendous potential of deep-sea mud as a source of rare-earth elements. <i>Scientific Reports</i> , 2018 , 8, 5763	4.9	93

191	Transition zone origin of potassic basalts from Wudalianchi volcano, northeast China. <i>Lithos</i> , 2013 , 156-159, 1-12	2.9	93
190	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
189	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
188	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
187	Late Neoproterozoic Dokhan Volcanics, North Eastern Desert, Egypt: Geochemistry and petrogenesis. <i>Precambrian Research</i> , 2006 , 151, 31-52	3.9	82
186	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
185	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
184	Age of Matuyama-Brunhes boundary constrained by U-Pb zircon dating of a widespread tephra. <i>Geology</i> , 2015 , 43, 491-494	5	72
183	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
182	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
181	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
180	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
179	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
178	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
177	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
176	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, 1512	3.7	56
175	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
174	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

173	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
172	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
171	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
170	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
169	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
168	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
167	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
166	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
165	Depleted mantle wedge and sediment fingerprint in unusual basalts from the Manihiki Plateau, central Pacific Ocean. <i>Geology</i> , 2007 , 35, 595	5	45
164	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
163	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
162	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
161	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
160	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
159	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
158	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
157	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
156	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

155	High-precision in situ analysis of Pb isotopes in glasses using 1013 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
154	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
153	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
152	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
151	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
150	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
149	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
148	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
147	Origin of geochemical mantle components: Role of subduction filter. <i>Geochemistry, Geophysics, Geosystems</i> , 2016 , 17, 3289-3325	3.6	35
146	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
145	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
144	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
143	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
142	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
141	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
140	New Olivine Reference Material for In Situ Microanalysis. <i>Geostandards and Geoanalytical Research</i> , 2019 , 43, 453-473	3.6	31
139	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
138	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

137	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
136	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
135	Jurassic plume-origin ophiolites in Japan: accreted fragments of oceanic plateaus. <i>Contributions To Mineralogy and Petrology</i> , 2014 , 168, 1	3.5	30
134	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
133	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
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	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
130	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
129	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
128	Geochemistry and petrogenesis of volcanic rocks in the Kuril island arc. <i>Petrology</i> , 2010 , 18, 489-513	1.2	27
127	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
126	U ²³⁵ Bb 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
125	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
124	SHRIMP U ²³⁵ Bb zircon geochronology and Sr ⁸⁷ 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
123	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
122	Buoyant hydrous mantle plume from the mantle transition zone. <i>Scientific Reports</i> , 2019 , 9, 6549	4.9	24
121	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
120	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

119	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
118	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
117	Optimization of ablation protocol for 200 nm UV femtosecond laser in precise U/Pb age dating coupled to multi-collector ICP mass spectrometry. <i>Geochemical Journal</i> , 2011 , 45, 283-296	0.9	22
116	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
115	Geology and geochemistry of Karasugasen lava dome, Daisen-Hiruzen Volcano Group, southwest Japan. <i>Island Arc</i> , 2005 , 14, 115-136	2	21
114	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
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	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
111	Age, geochemical and Sr/Nd/Pb 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
110	Magma plumbing system beneath Ontake Volcano, central Japan. <i>Island Arc</i> , 1999 , 8, 1-29	2	20
109	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
108	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
107	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
106	Hf/Nd isotope constraints on the origin of Dehshir Ophiolite, Central Iran. <i>Island Arc</i> , 2012 , 21, 202-214	2	17
105	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
104	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
103	Pan-African Alkali Granitoids from the Sør Rondane Mountains, East Antarctica. <i>Gondwana Research</i> , 2003 , 6, 595-605	5.1	17
102	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

101	Fission Track Ages of Tephros from Daisen and Sambe Volcanoes and Their Volcanological Implications.. <i>The Quaternary Research</i> , 1999 , 38, 145-155	0.1	17
100	Paleoceanographic conditions on the Sõ 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
99	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
98	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
97	Geochemistry of late Cenozoic lavas on Kunashir Island, Kurile Arc. <i>Island Arc</i> , 2010 , 19, 86-104	2	16
96	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
95	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
94	Is gold solubility subject to pressure variations in ascending arc magmas?. <i>Geochimica Et Cosmochimica Acta</i> , 2016 , 188, 224-243	5.5	16
93	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
92	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
91	Fukutoku-oka-no-ba Volcano: A new perspective on the Alkalic Volcano Province in the Izu Bonin Mariana arc. <i>Island Arc</i> , 1998 , 7, 432-442	2	15
90	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
89	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	3.6	14
88	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
87	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
86	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
85	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
84	Chemical and Isotopic Characteristics of the Kuroko-Forming Volcanism. <i>Resource Geology</i> , 2012 , 62, 369-383	1	13

83	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
82	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
81	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
80	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
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