

# Trace element and isotopic effects of combined wallrock crystallization

Earth and Planetary Science Letters

53, 189-202

DOI: [10.1016/0012-821x\(81\)90153-9](https://doi.org/10.1016/0012-821x(81)90153-9)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Composite Sunrise Butte pluton: Insights into Jurassic–Cretaceous collisional tectonics and magmatism in the Blue Mountains Province, northeastern Oregon. Special Paper of the Geological Society of America, 2015, , 377-398.	0.5	3
2	Introduction to Special Issue on Granites and Rhyolites: A Commentary for the Nonspecialist. Journal of Geophysical Research, 1981, 86, 10131-10135.	3.3	34
3	A neodymium and strontium isotopic study of the Mesozoic calc-alkaline granitic batholiths of the Sierra Nevada and Peninsular Ranges, California. Journal of Geophysical Research, 1981, 86, 10470-10488.	3.3	798
4	Columbia River volcanism: the question of mantle heterogeneity or crustal contamination. Geochimica Et Cosmochimica Acta, 1981, 45, 2483-2499.	1.6	234
5	Complex zoning of clinopyroxenes in the lavas of vulsini, latium, Italy: Evidence for magma mixing. Journal of Volcanology and Geothermal Research, 1982, 14, 361-388.	0.8	80
6	Origin of the Deccan Trap flows at Mahabaleshwar inferred from Nd and Sr isotopic and chemical evidence. Earth and Planetary Science Letters, 1982, 60, 47-60.	1.8	184
7	Cenozoic volcanic rocks of eastern China – secular and geographic trends in chemistry and strontium isotopic composition. Earth and Planetary Science Letters, 1982, 58, 301-329.	1.8	226
8	Systematic variation in chemistry and Nd-Sr isotopes across a Caledonian calc-alkaline volcanic arc: implications for source materials. Earth and Planetary Science Letters, 1982, 58, 27-50.	1.8	88
9	Isotopic evolution of the mantle: a model. Earth and Planetary Science Letters, 1982, 57, 13-24.	1.8	64
10	Subcontinental versus suboceanic mantle, II. NdSrPb isotopic comparison of continental tholeiites with mid-ocean ridge tholeiites, and the structure of the continental lithosphere. Earth and Planetary Science Letters, 1982, 57, 25-34.	1.8	99
11	A combined O, Sr, Nd, and Pb isotopic and trace element study of crustal contamination in central Andean lavas, I. Local geochemical variations. Earth and Planetary Science Letters, 1982, 57, 47-62.	1.8	148
12	Lead and strontium isotopes and related trace elements as genetic tracers in the Upper Cenozoic rhyolite–basalt association of the Yellowstone Plateau Volcanic Field. Journal of Geophysical Research, 1982, 87, 4785-4806.	3.3	177
13	Thermal boundary layer convection in silicic magma chambers: Effects of temperature-dependent rheology and implications for thermogravitational chemical fractionation. Journal of Geophysical Research, 1982, 87, 8755-8767.	3.3	94
14	Origin of calc-alkaline series lavas at Medicine Lake Volcano by fractionation, assimilation and mixing. Contributions To Mineralogy and Petrology, 1982, 80, 160-182.	1.2	388
15	Geochemistry of the Adamello massif (northern Italy). Contributions To Mineralogy and Petrology, 1982, 80, 41-48.	1.2	41
16	Basalt contamination by continental crust: Some experiments and models. Contributions To Mineralogy and Petrology, 1982, 80, 73-87.	1.2	356
17	Petrology and geochemistry of hawaiite lavas from Crater Flat, Nevada. Contributions To Mineralogy and Petrology, 1982, 80, 341-357.	1.2	68
18	Geochemistry and geochronology of proterozoic tholeiite dykes of east antarctica: evidence for mantle metasomatism. Contributions To Mineralogy and Petrology, 1982, 78, 305-317.	1.2	99

#	ARTICLE	IF	CITATIONS
19	Correlation coefficient patterns and their interpretation in three basaltic suites. Contributions To Mineralogy and Petrology, 1982, 79, 268-278.	1.2	23
20	Geochemistry and Rb-sr geochronology of associated proterozoic peralkaline and subalkaline anorogenic granites from Labrador. Contributions To Mineralogy and Petrology, 1982, 81, 126-147.	1.2	54
21	Combined Sr <sup>87</sup> / <sup>86</sup> O isotope relationships and petrogenesis of Andean volcanics of South America. Nature, 1983, 302, 814-816.	13.7	59
22	Kerguelen hotspot source for Rajmahal Traps and Ninetyeast Ridge?. Nature, 1983, 303, 385-389.	13.7	150
23	Sr, O, and Pb isotope evidence for origin and evolution of Etive Igneous Complex, Scotland. Nature, 1983, 303, 492-497.	13.7	48
24	Nd and Sr isotopic studies on cenozoic mafic lavas from West Antarctica: Another source for continental alkali basalts. Contributions To Mineralogy and Petrology, 1983, 83, 38-44.	1.2	42
25	The granite problem as exposed in the southern Snake Range, Nevada. Contributions To Mineralogy and Petrology, 1983, 83, 99-116.	1.2	35
26	The geology, geochemistry and origin of late Silurian high Si igneous rocks of the Upper Murray Valley, NE Victoria. Journal of the Geological Society of Australia, 1983, 30, 443-459.	0.6	11
27	Minette inclusions in the rhyodacitic lavas of Mt. Amiata (Central Italy): Mineralogical and chemical evidence of mixing between Tuscan and Roman type magmas. Journal of Volcanology and Geothermal Research, 1983, 19, 1-35.	0.8	55
28	Ophiolite-contaminated andesites, trachybasalts, and cognate inclusions of Mount Lamington, Papua New Guinea: anhydrite-amphibole-bearing lavas and the 1951 cumulodome. Journal of Volcanology and Geothermal Research, 1983, 18, 215-247.	0.8	62
29	Isotope geochemistry and origin of calc-alkaline lavas from a caledonian continental margin volcanic arc. Journal of Volcanology and Geothermal Research, 1983, 18, 589-631.	0.8	27
30	The compositionally zoned eruption of 1912 in the Valley of Ten Thousand Smokes, Katmai National Park, Alaska. Journal of Volcanology and Geothermal Research, 1983, 18, 1-56.	0.8	219
31	The influence of crustal structure on compositions of subduction-related magmas. Journal of Volcanology and Geothermal Research, 1983, 18, 561-588.	0.8	137
32	Large partition coefficients for trace elements in high-silica rhyolites. Geochimica Et Cosmochimica Acta, 1983, 47, 11-30.	1.6	703
33	Geochemistry of a peraluminous granitoid suite from North-eastern Victoria, South-eastern Australia. Geochimica Et Cosmochimica Acta, 1983, 47, 31-42.	1.6	43
34	Sr and Nd isotope geochronology, geologic history, and origin of the Adirondack Anorthosite. Geochimica Et Cosmochimica Acta, 1983, 47, 1875-1885.	1.6	77
35	Geochemical evolution of the crust and mantle. Reviews of Geophysics, 1983, 21, 1347-1358.	9.0	12
36	Petrological evolution of the crust and mantle. Reviews of Geophysics, 1983, 21, 1358-1372.	9.0	6

#	ARTICLE	IF	CITATIONS
37	Petrology and Upward Zonation of the Wooley Creek Batholith, Klamath Mountains, California. <i>Journal of Petrology</i> , 1983, 24, 495-537.	1.1	46
38	Isotopic and trace element constraints on the genesis of the Faeroe lava pile. <i>Earth and Planetary Science Letters</i> , 1983, 63, 257-272.	1.8	81
39	Sr isotope and trace element evidence for the role of continental crust in calc-alkaline volcanism on Santorini and Milos, Aegean Sea, Greece. <i>Earth and Planetary Science Letters</i> , 1983, 63, 273-291.	1.8	55
40	Oxygen isotopic compositions of Central Andean plutonic and volcanic rocks, latitudes 26°-29° south. <i>Earth and Planetary Science Letters</i> , 1983, 64, 9-18.	1.8	19
41	Contrasting $^{18}\text{O}$ enrichment and origins of High Himalayan and Transhimalayan intrusives. <i>Earth and Planetary Science Letters</i> , 1983, 65, 276-286.	1.8	44
42	Abundance and behavior of thallium in the K-alkaline rocks from the Roccamonfina Volcano (Campania, southern Italy). <i>Chemical Geology</i> , 1983, 38, 239-253.	1.4	11
43	Origin of Mesozoic and Tertiary granite in the western United States and implications for Precambrian Mesozoic crustal structure: 1. Nd and Sr isotopic studies in the geocline of the Northern Great Basin. <i>Journal of Geophysical Research</i> , 1983, 88, 3379-3401.	3.3	330
44	Zoned Magma Chamber of the Osuzuyama Acid Rocks, Southwest Japan. <i>Journal of Petrology</i> , 1983, 24, 471-494.	1.1	21
46	Geology, geochronology and chemical evolution of the island of Pantelleria. <i>Geological Magazine</i> , 1984, 121, 541-562.	0.9	162
47	Imnaha Basalt, Columbia River Basalt Group. <i>Journal of Petrology</i> , 1984, 25, 473-500.	1.1	60
48	Flood Basalt to Rhyolite Suites in the Southern Paraná Plateau (Brazil): Palaeomagnetism, Petrogenesis and Geodynamic Implications. <i>Journal of Petrology</i> , 1984, 25, 579-618.	1.1	124
49	Crustal contamination in northern Andean volcanics. <i>Journal of the Geological Society</i> , 1984, 141, 823-830.	0.9	37
50	Isotopic and geochemical evidence for the evolution of a cyclic unit in the Rhum intrusion, north-west Scotland. <i>Nature</i> , 1984, 307, 618-620.	13.7	25
51	Mantle enrichment processes. <i>Nature</i> , 1984, 311, 331-335.	13.7	243
52	Li, Pb and Tl abundances in the K-alkaline rocks from the Middle Latina Valley volcanoes (southern) Tj ETQq0 0 0 rgBT <sub>1</sub> /Overlo	1.1	2
53	Petrology, geochemistry and Sr-isotope characteristics of lavas from the area of Commenda (Mts.) Tj ETQq1 1 0.784314 rgBT <sub>17</sub> /Overlo	1.1	17
54	Magmatic inclusions in rhyolites, contaminated basalts, and compositional zonation beneath the Coso volcanic field, California. <i>Contributions To Mineralogy and Petrology</i> , 1984, 85, 346-365.	1.2	138
55	Lead and strontium isotopic evidence for crustal interaction and compositional zonation in the source regions of Pleistocene basaltic and rhyolitic magmas of the Coso volcanic field, California. <i>Contributions To Mineralogy and Petrology</i> , 1984, 85, 366-375.	1.2	27

#	ARTICLE	IF	CITATIONS
56	Petrogenesis of calc-alkaline, shoshonitic and associated ultrapotassic Oligocene volcanic rocks from the Northwestern Alps, Italy. <i>Contributions To Mineralogy and Petrology</i> , 1984, 86, 209-220.	1.2	143
57	Genesis, evolution and tectonic significance of K-rich volcanics from the Alban Hills (Roman) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tj ETQq1 1 0.784314 rgBT /Overlock 10 <i>Petrology</i> , 1984, 86, 230-240.	1.2	81
58	The Topsails igneous terrane, Western Newfoundland: evidence for magma mixing. <i>Contributions To Mineralogy and Petrology</i> , 1984, 87, 319-327.	1.2	43
59	Nd and Sr isotopes in ultrapotassic volcanic rocks from the Leucite Hills, Wyoming. <i>Contributions To Mineralogy and Petrology</i> , 1984, 87, 359-368.	1.2	133
60	Nd and Sr isotopic variations in acidic rocks from Japan: significance of upper-mantle heterogeneity. <i>Contributions To Mineralogy and Petrology</i> , 1984, 87, 407-417.	1.2	41
61	Temperature and pressure-independent correlations of olivine/liquid partition coefficients and their application to trace element partitioning. <i>Contributions To Mineralogy and Petrology</i> , 1984, 88, 126-132.	1.2	60
62	Petrogenesis of the Laguna del Maule volcanic complex, Chile ( $36^{\circ}1/2$ S). <i>Contributions To Mineralogy and Petrology</i> , 1984, 88, 133-149.	1.2	86
63	Origin of Mesozoic and Tertiary granite in the western United States and implications for Pre-Mesozoic crustal structure: 2. Nd and Sr isotopic studies of unmineralized and Cu- and Mo-mineralized granite in the Precambrian Craton. <i>Journal of Geophysical Research</i> , 1984, 89, 10141-10160.	3.3	153
64	Inversion of the assimilation and fractional crystallization (AFC) equations; characterization of contaminants from isotope and trace element relationships in volcanic suites. <i>Journal of the Geological Society</i> , 1984, 141, 447-452.	0.9	89
65	Identification of petrogenetic processes using covariance plots of trace-element data. <i>Chemical Geology</i> , 1984, 42, 325-341.	1.4	25
66	Geochemistry of the North Mountain basalts (Nova Scotia, Canada). <i>Chemical Geology</i> , 1984, 45, 245-261.	1.4	45
67	Geochemical characteristics of the south Tuscany (Italy) volcanic province: Constraints on lava petrogenesis. <i>Chemical Geology</i> , 1984, 43, 203-221.	1.4	52
68	Distribution and behavior of lithium in the K-alkaline rocks from the Roccamonfina Volcano (Campania, southern Italy). <i>Chemical Geology</i> , 1984, 43, 223-232.	1.4	6
69	Trace element geochemistry of some continental tholeiites. <i>Earth and Planetary Science Letters</i> , 1984, 67, 61-69.	1.8	171
70	Triple junction magmatism: a geochemical study of Neogene volcanic rocks in western California. <i>Earth and Planetary Science Letters</i> , 1984, 71, 241-262.	1.8	128
71	Recycling processes in granite-granodiorite complex genesis: the Querigut case studied by NdSr isotope systematics. <i>Earth and Planetary Science Letters</i> , 1984, 69, 290-300.	1.8	102
72	Sr and Nd isotope geochemistry of coexisting alkaline magma series, Cantal, Massif Central, France. <i>Earth and Planetary Science Letters</i> , 1984, 69, 321-334.	1.8	64
73	Kiglapait geochemistry VI: Oxygen isotopes. <i>Geochimica Et Cosmochimica Acta</i> , 1984, 48, 1827-1836.	1.6	42

#	ARTICLE	IF	CITATIONS
74	Isotopic constraints on Columbia River flood basalt genesis and the nature of the subcontinental mantle. <i>Geochimica Et Cosmochimica Acta</i> , 1984, 48, 2357-2372.	1.6	200
75	Nd <sup>i</sup> -Sr isotope and REE geochemistry of alkali basalts from the Massif Central, France. <i>Geochimica Et Cosmochimica Acta</i> , 1984, 48, 93-110.	1.6	99
76	The geochemical characteristics of granitoids in contrasting arcs and comments on magma sources. <i>Journal of the Geological Society</i> , 1984, 141, 413-426.	0.9	388
77	Subduction of pelagic sediments: implications for the origin of Ce-anomalous basalts from the Mariana Islands. <i>Journal of the Geological Society</i> , 1984, 141, 453-472.	0.9	303
78	Petrogenetic Modelling – Use of Rare Earth Elements. <i>Developments in Geochemistry</i> , 1984, 2, 115-152.	0.1	26
79	Evolution of high-Ca, high-Sr C-series basalts from Grenada, Lesser Antilles: the effects of intra-crustal contamination. <i>Journal of the Geological Society</i> , 1984, 141, 427-445.	0.9	118
80	Regional variation of <sup>87</sup> Sr/ <sup>86</sup> Sr ratio in late Cenozoic volcanic rocks from southern Peru.. <i>Geochemical Journal</i> , 1984, 18, 241-250.	0.5	12
81	Sr and Nd Isotopic Composition of the Jacupiranga Carbonatite. <i>Journal of Geology</i> , 1985, 93, 212-220.	0.7	50
82	Strontium and oxygen isotopic variations in Mesozoic and Tertiary plutons of central Idaho. <i>Contributions To Mineralogy and Petrology</i> , 1985, 90, 291-308.	1.2	128
83	The Criffell zoned pluton: correlated behaviour of rare earth element abundances with isotopic systems. <i>Contributions To Mineralogy and Petrology</i> , 1985, 89, 226-238.	1.2	35
84	Petrogenesis of the magmatic complex at Mount Ascutney, Vermont, USA. <i>Contributions To Mineralogy and Petrology</i> , 1985, 90, 331-345.	1.2	17
85	Strontium isotopic and selected trace element variations between two Aleutian volcanic centers (Adak and Atka): implications for the development of arc volcanic plumbing systems. <i>Contributions To Mineralogy and Petrology</i> , 1985, 91, 221-234.	1.2	107
86	Rare earth element, <sup>87</sup> Sr/ <sup>86</sup> Sr, and <sup>143</sup> Nd/ <sup>144</sup> Nd compositions of Cenozoic orogenic dacites from Baja California, northwestern Mexico, and adjacent west Texas: evidence for the predominance of a subcrustal component. <i>Contributions To Mineralogy and Petrology</i> , 1985, 91, 1-11.	1.2	55
87	The difference between oceanic and continental tholeiites: a fluid dynamic explanation. <i>Contributions To Mineralogy and Petrology</i> , 1985, 91, 37-43.	1.2	85
88	Strontium isotope evidence for preserved density stratification in the main zone of the Bushveld Complex, South Africa. <i>Nature</i> , 1985, 316, 119-126.	13.7	159
89	EQUIL: a program for the modeling of low-pressure differentiation processes in natural mafic magma bodies. <i>Computers and Geosciences</i> , 1985, 11, 531-546.	2.0	44
90	Compositional variations among gabbroic intrusions in the Oslo rift. <i>Lithos</i> , 1985, 18, 35-59.	0.6	32
91	The genesis of the Blue Tier Batholith, northeastern Tasmania, Australia. <i>Lithos</i> , 1985, 18, 129-149.	0.6	47

#	ARTICLE	IF	CITATIONS
92	Mineralogical, geochemical and isotopic evolution of two Miocene mafic intrusions from the Zagros (Iran). <i>Lithos</i> , 1985, 18, 311-329.	0.6	34
93	U-Pb zircon dating of granitoid plutons from the West Coast Province of Peninsular Malaysia. <i>Journal of the Geological Society</i> , 1985, 142, 515-526.	0.9	94
94	Manam Island, Papua New Guinea: Petrology and Geochemistry of a Low-TiO <sub>2</sub> Basaltic Island-Arc Volcano. <i>Journal of Petrology</i> , 1985, 26, 283-323.	1.1	60
95	Geochemical Stratigraphy of the Deccan Traps at Mahabaleshwar, Western Ghats, India, with Implications for Open System Magmatic Processes. <i>Journal of Petrology</i> , 1985, 26, 355-377.	1.1	387
96	Isotopic Studies of Processes in Mafic Magma Chambers: I. The Kiglapait Intrusion, Labrador. <i>Journal of Petrology</i> , 1985, 26, 925-951.	1.1	131
97	Trace Element and Strontium Isotope Constraints on the Origin and Evolution of Paran� Continental Flood Basalts of Santa Catarina State (Southern Brazil). <i>Journal of Petrology</i> , 1985, 26, 187-209.	1.1	171
98	The McKinley Sequence of granitic rocks: A key element in the accretionary history of southern Alaska. <i>Journal of Geophysical Research</i> , 1985, 90, 11413-11430.	3.3	33
99	Cooling and contamination of mafic and ultramafic magmas during ascent through continental crust. <i>Earth and Planetary Science Letters</i> , 1985, 74, 371-386.	1.8	358
100	Chemical and isotopic evidence for mixing between depleted and enriched mantle, northwestern U.S.A.. <i>Geochimica Et Cosmochimica Acta</i> , 1985, 49, 131-144.	1.6	110
101	Mechanisms of contamination in Lesser Antilles island arc magmas from radiogenic and oxygen isotope relationships. <i>Earth and Planetary Science Letters</i> , 1985, 72, 163-174.	1.8	70
102	Petrology and K/Ar ages of volcanics dredged from the Eolian seamounts: implications for geodynamic evolution of the southern Tyrrhenian basin. <i>Earth and Planetary Science Letters</i> , 1985, 74, 187-208.	1.8	181
103	Isotopic constraints on open system evolution of the Laacher See magma chamber (Eifel, West) Tj ETQq1 1 0.784314 rgBT /Overlock 100	1.8	66
104	Comments on petrogeneses and the tectonic setting of Columbia River basalts. <i>Earth and Planetary Science Letters</i> , 1985, 72, 65-73.	1.8	38
105	The Neogene Alert Bay Volcanic Belt of northern Vancouver Island, Canada: Descending-plate-edge volcanism in the arc-trench gap. <i>Journal of Volcanology and Geothermal Research</i> , 1985, 26, 75-97.	0.8	20
106	The petrology and geochemistry of the Handkerchief Mesa mixed magma complex, San Juan Mountains, Colorado. <i>Journal of Volcanology and Geothermal Research</i> , 1985, 26, 251-274.	0.8	29
107	Volcanology and petrology of volcanic products from the island of Milos and neighbouring islets. <i>Journal of Volcanology and Geothermal Research</i> , 1986, 28, 297-317.	0.8	126
108	Petrogenesis of layered gabbros and ultramafic rocks from Val Sesia, the Ivrea Zone, NW Italy: trace element and isotope geochemistry. <i>Geological Society Special Publication</i> , 1986, 24, 231-249.	0.8	43
109	Petrology and geochemistry of the lower continental crust: an overview. <i>Geological Society Special Publication</i> , 1986, 24, 147-159.	0.8	34

#	ARTICLE	IF	CITATIONS
110	The role of crustal contamination in the potassic suite of the Karisimbi Volcano (Virunga, African Rift) Tj ETQq0 0 0 14 /Overlock 10 Tf	1.4	39
111	Geochemistry and geochronology of the Kibaran granites in Burundi, Central Africa: Implications for the Kibaran orogeny. <i>Chemical Geology</i> , 1986, 57, 217-234.	1.4	25
112	Isotope geochemistry of recent magmatism in the Aegean arc: Sr, Nd, Hf, and O isotopic ratios in the lavas of Milos and Santoriniâ€”geodynamic implications. <i>Earth and Planetary Science Letters</i> , 1986, 80, 41-54.	1.8	68
113	Lead isotope evidence for the nature of the mantle beneath Caledonian Scotland. <i>Earth and Planetary Science Letters</i> , 1986, 80, 55-70.	1.8	24
114	Trends of Sr and Nd isotopes through time near the Japan Sea in northeastern Japan. <i>Earth and Planetary Science Letters</i> , 1986, 78, 157-167.	1.8	57
115	The role of crustal contamination in magma evolution through geological time. <i>Earth and Planetary Science Letters</i> , 1986, 78, 211-223.	1.8	73
116	Anorthosite assimilation and the origin of the Mg/Feâ€”related bimodality of pristine moon rocks: Support for the magmasphere hypothesis. <i>Journal of Geophysical Research</i> , 1986, 91, 331-343.	3.3	60
117	Open magma systems: Trace element and isotopic constraints. <i>Journal of Geophysical Research</i> , 1986, 91, 5901-5912.	3.3	88
118	Two contrasting styles of interaction between basic magmas and continental crust in the British Tertiary Volcanic Province. <i>Journal of Geophysical Research</i> , 1986, 91, 5985-5997.	3.3	88
119	Multiple differentiation processes in earlyâ€”rift calcâ€”alkaline volcanics, northern Rio Grande Rift, New Mexico. <i>Journal of Geophysical Research</i> , 1986, 91, 6046-6058.	3.3	31
120	Openâ€”and closedâ€”system characteristics of a tilted plutonic system, Klamath Mountains, California. <i>Journal of Geophysical Research</i> , 1986, 91, 6073-6090.	3.3	41
121	Petrogenesis of the Natkusiak continental basalts, Victoria Island, Northwest Territories, Canada. <i>Canadian Journal of Earth Sciences</i> , 1986, 23, 622-632.	0.6	110
122	Lower crustal xenoliths from Queensland, Australia: Evidence for deep crustal assimilation and fractionation of continental basalts. <i>Geochimica Et Cosmochimica Acta</i> , 1986, 50, 1099-1115.	1.6	136
123	Strontium isotopic evidence for the genesis of volcanic rocks from Japanese Island arcs.. <i>Journal of Geography (Chigaku Zasshi)</i> , 1986, 95, 254-276.	0.1	1
124	Trace element and Sr-Nd isotopic constraints on the compositions of lithospheric primary sources of Serra Geral continental flood basalts, southern Brazil.. <i>Geochemical Journal</i> , 1986, 20, 173-189.	0.5	5
125	Assimilation of Ultramafic Rock in Subduction-Related Magmatic Arcs. <i>Journal of Geology</i> , 1986, 94, 829-843.	0.7	118
126	Rbâ€”Sr systematics of the Coolgarra Batholith, North Queensland. <i>Australian Journal of Earth Sciences</i> , 1986, 33, 309-324.	0.4	8
127	The evolution of young silicic lavas at Medicine Lake Volcano, California: Implications for the origin of compositional gaps in calc-alkaline series lavas. <i>Contributions To Mineralogy and Petrology</i> , 1986, 92, 281-302.	1.2	276



#	ARTICLE	IF	CITATIONS
128	Nd and Sr isotopes in the Aleutians: multicomponent parenthood of island-arc magmas. Contributions To Mineralogy and Petrology, 1986, 92, 13-34.	1.2	93
129	Petrogenesis of alkalic and calcalkalic volcanic rocks of Mormon Mountain Volcanic Field, Arizona. Contributions To Mineralogy and Petrology, 1986, 94, 416-426.	1.2	9
130	A quantitative approach to trace element and Sr isotope evolution in the Adamello batholith (northern Italy). Contributions To Mineralogy and Petrology, 1986, 94, 46-53.	1.2	26
131	Peridotite xenoliths in silica-rich, potassic latite from the transition zone of the Colorado Plateau in north-central Arizona. Contributions To Mineralogy and Petrology, 1986, 94, 63-71.	1.2	9
132	Petrogenesis and <sup>230</sup> Th- <sup>238</sup> U disequilibrium at Mt. Shasta, California, and in the Cascades. Contributions To Mineralogy and Petrology, 1986, 93, 195-206.	1.2	34
133	Rise and fall of a basalt-trachyte-rhyolite magma system at the Kane Springs Wash Caldera, Nevada. Contributions To Mineralogy and Petrology, 1986, 94, 352-373.	1.2	57
134	Assimilation-fractional crystallization of Polvadera Group rocks in the northwestern Jemez Volcanic Field, New Mexico. Contributions To Mineralogy and Petrology, 1986, 94, 374-386.	1.2	17
135	Isotopic variation in the Tuolumne Intrusive Suite, central Sierra Nevada, California. Contributions To Mineralogy and Petrology, 1986, 94, 205-220.	1.2	184
136	Petrogenesis of Andesites. Annual Review of Earth and Planetary Sciences, 1986, 14, 417-454.	4.6	194
137	Xenoliths from southern Africa: a perspective on the lower crust. Geological Society Special Publication, 1986, 24, 351-362.	0.8	15
138	Age and Geochemical Characteristics of a Mafic Dyke Swarm in the Archaean Vestfold Block, Antarctica: Inferences about Proterozoic Dyke Emplacement in Gondwana. Journal of Petrology, 1986, 27, 853-886.	1.1	64
139	Positively correlated Nd and Sr isotope ratios of lavas from the Central American volcanic front. Geology, 1986, 14, 79.	2.0	72
140	Petrology and geochemistry of Maungatautari, a medium-K andesite-dacite volcano. New Zealand Journal of Geology, and Geophysics, 1986, 29, 273-289.	1.0	12
141	Fluorine and chlorine in granitoids from the Basin and Range Province, Western United States. Economic Geology, 1986, 81, 1484-1494.	1.8	19
142	Petrology and geochemistry of the early Mesozoic Caraquet dyke, New Brunswick, Canada. Canadian Journal of Earth Sciences, 1986, 23, 193-201.	0.6	14
143	Application of Stable Isotopic Studies to Problems of Magmatic Sulfide Ore Genesis With Special Reference to the Duluth Complex, Minnesota. Special Publication ... of the Society for Geology Applied To Mineral Deposits, 1986, , 25-42.	0.1	6
144	Fractional Crystallization Models for Calculating Distribution Coefficients of Chemical Elements between Magmas and their Crystallization Products. Isotopes in Environmental and Health Studies, 1987, 23, 95-103.	0.3	1
145	Strong Compositional Zonation in a Silicic Magmatic System: Los Humeros, Mexican Neovolcanic Belt. Journal of Petrology, 1987, 28, 171-209.	1.1	80

#	ARTICLE	IF	CITATIONS
146	Mantle Heterogeneity and Crustal Contamination in the Genesis of Low-Ti Continental Flood Basalts from the Paran� Plateau (Brazil): Sr-Nd Isotope and Geochemical Evidence. <i>Journal of Petrology</i> , 1987, 28, 701-726.	1.1	67
147	Petrology of Calc-alkaline Lavas from Ruapehu Volcano and Related Vents, Taupo Volcanic Zone, New Zealand. <i>Journal of Petrology</i> , 1987, 28, 531-567.	1.1	112
148	Geochemistry of Cenezoic volcanic rocks, Baja California, Mexico: Implications for the petrogenesis of post-subduction magmas. <i>Journal of Volcanology and Geothermal Research</i> , 1987, 32, 223-245.	0.8	194
149	Origin and evolution of mid-Cretaceous, garnet-bearing, intermediate and silicic volcanics from Canterbury, New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 1987, 32, 247-267.	0.8	32
150	Evidence for crustal assimilation by turbulently convecting, mafic alkaline magmas: Geochemistry of mantle xenolith-bearing lavas from northern Sardinia. <i>Journal of Volcanology and Geothermal Research</i> , 1987, 32, 343-354.	0.8	12
151	Mass balance calculations with end member compositional variability: applications to petrologic problems. <i>Earth and Planetary Science Letters</i> , 1987, 81, 212-220.	1.8	7
152	Relationships between crustal contamination and crystallisation in continental flood basalt magmas with special reference to the Deccan Traps of the Western Ghats, India. <i>Earth and Planetary Science Letters</i> , 1987, 84, 59-68.	1.8	89
153	Probing the evolving Andean Lithosphere: Mid�Late Tertiary magmatism in Chile (29���30���S) over the modern zone of subhorizontal subduction. <i>Journal of Geophysical Research</i> , 1987, 92, 6173-6189.	3.3	171
154	Role of asthenosphere and lithosphere in the genesis of Late Cenozoic basaltic rocks from the Rio Grande Rift and adjacent regions of the southwestern United States. <i>Journal of Geophysical Research</i> , 1987, 92, 9193-9213.	3.3	195
155	Nd isotope data on 1.9-1.2 ga old basic rocks and metasediments from the bothnian basin, central sweden. <i>Precambrian Research</i> , 1987, 35, 115-126.	1.2	62
156	Preliminary geochemical and age data from postsubduction intrusive rocks, northwest Borneo. <i>Australian Journal of Earth Sciences</i> , 1987, 34, 405-415.	0.4	30
157	Geology and geochemistry of the Ojos del Salado volcanic region, Chile. <i>Journal of the Geological Society</i> , 1987, 144, 85-96.	0.9	34
158	Geochemistry, geochronology, and petrogenesis of a Late Precambrian (� 590 Ma) composite dike from the North Eastern Desert of Egypt. <i>International Journal of Earth Sciences</i> , 1987, 76, 325-341.	0.9	56
159	Geochemistry of a transitional ne-trachybasalt ? Q-trachyte lava series from Patmos (Dodecanesos), Greece: further evidence for fractionation, mixing and assimilation. <i>Contributions To Mineralogy and Petrology</i> , 1987, 97, 279-291.	1.2	33
160	Low �18O silicic volcanic rocks at the Calabozos caldera complex, southern Andes. <i>Contributions To Mineralogy and Petrology</i> , 1987, 95, 71-81.	1.2	43
161	Geochemistry of tertiary alkaline rocks of the Eastern Trans-Pecos Magmatic Province, Texas. <i>Contributions To Mineralogy and Petrology</i> , 1987, 97, 72-92.	1.2	23
162	Nd-Sr isotopic characteristics of the Lugano volcanic rocks and constraints on the continental crust formation in the South Alpine domain (N-Italy-Switzerland). <i>Contributions To Mineralogy and Petrology</i> , 1987, 96, 140-150.	1.2	50
163	Origin of hybrid ferrolatite lavas from Magic Reservoir eruptive center, Snake River Plain, Idaho. <i>Contributions To Mineralogy and Petrology</i> , 1987, 96, 163-177.	1.2	38

#	ARTICLE	IF	CITATIONS
164	Rhyolites contaminated with metapelite and gabbro, Lipari, Aeolian Islands, Italy: products of lower crustal fusion or of assimilation plus fractional crystallization?. Contributions To Mineralogy and Petrology, 1987, 97, 460-472.	1.2	35
165	A Ce/Nd isotope study of crustal contamination processes affecting Palaeocene magmas in Skye, Northwest Scotland. Contributions To Mineralogy and Petrology, 1987, 96, 455-464.	1.2	52
166	Changes in magma composition at Arenal volcano, Costa Rica, 1968-1985: Real-time monitoring of open-system differentiation. Bulletin of Volcanology, 1987, 49, 415-434.	1.1	101
167	A FORTRAN program for simulating major- and trace-element variations during Rayleigh fractionation with melt replenishment or assimilation. Computers and Geosciences, 1987, 13, 1-12.	2.0	16
168	Recycling of the continental crust. Pure and Applied Geophysics, 1988, 128, 683-724.	0.8	60
169	O-Sr isotopic variations in Miocene granitoids from the Aegean: evidence for an origin by combined assimilation and fractional crystallization. Contributions To Mineralogy and Petrology, 1988, 100, 528-541.	1.2	92
170	Mineralogical and isotopic evidence for phenocryst-matrix disequilibrium in the Garner Mountain andesite. Contributions To Mineralogy and Petrology, 1988, 99, 267-272.	1.2	6
171	Major, trace element and Sr isotopic composition of lavas from Vico volcano (Central Italy) and their evolution in an open system. Contributions To Mineralogy and Petrology, 1988, 99, 485-497.	1.2	23
172	Petrogenesis of the magmatic complex at Mount Ascutney, Vermont, USA. Contributions To Mineralogy and Petrology, 1988, 98, 408-416.	1.2	9
173	Crustal contributions to arc magmatism in the Andes of Central Chile. Contributions To Mineralogy and Petrology, 1988, 98, 455-489.	1.2	1,937
174	Basic lavas of the Archean La Grande Greenstone belt: Products of polybaric fractionation and crustal contamination. Contributions To Mineralogy and Petrology, 1988, 100, 236-245.	1.2	10
175	Interaction of granitic and basic magmas: experimental observations on contamination processes at 10 kbar with H <sub>2</sub> O. Contributions To Mineralogy and Petrology, 1988, 98, 352-362.	1.2	114
176	The petrogenesis of massif anorthosites: a Nd and Sr isotopic investigation of the Proterozoic of Rogaland/Vest-Agder, SW Norway. Contributions To Mineralogy and Petrology, 1988, 98, 363-373.	1.2	66
177	Assimilation of granite by basaltic magma at Burnt Lava flow, Medicine Lake volcano, northern California: Decoupling of heat and mass transfer. Contributions To Mineralogy and Petrology, 1988, 99, 320-343.	1.2	139
178	Nd and Sr isotopic variations in acidic rocks formed under a peculiar tectonic environment in Miocene Southwest Japan. Contributions To Mineralogy and Petrology, 1988, 99, 1-10.	1.2	65
179	Origin of metaluminous and alkaline volcanic rocks of the Latir volcanic field, northern Rio Grande rift, New Mexico. Contributions To Mineralogy and Petrology, 1988, 100, 107-128.	1.2	47
180	Trace element evolution in the Phlegrean Fields (Central Italy): fractional crystallization and selective enrichment. Contributions To Mineralogy and Petrology, 1988, 98, 169-183.	1.2	123
181	Neodymium and strontium isotopic constraints on the origin of the peraluminous granitoids of the South Mountain Batholith, Nova Scotia, Canada. Chemical Geology: Isotope Geoscience Section, 1988, 73, 15-24.	0.7	35

#	ARTICLE	IF	CITATIONS
182	An example of trondhjemite petrogenesis: the Blakes Ferry pluton, Alabama, U.S.A.. <i>Lithos</i> , 1988, 21, 161-181.	0.6	9
183	Geochemistry and petrogenesis of the early Proterozoic Hemlock volcanic rocks and the Kiernan sills, southern Lake Superior region. <i>Canadian Journal of Earth Sciences</i> , 1988, 25, 528-546.	0.6	12
184	Asthenospheric injection and back-arc opening: Isotopic evidence from northeast Japan. <i>Chemical Geology</i> , 1988, 68, 317-327.	1.4	130
185	Elemental evidence for crustal contamination of mantle-derived Caledonian syenite by metasediment anatexis and magma mixing. <i>Chemical Geology</i> , 1988, 69, 1-16.	1.4	25
186	Thorium, strontium and oxygen isotopic geochemistry in recent tholeiites from Iceland: crustal influence on mantle-derived magmas. <i>Earth and Planetary Science Letters</i> , 1988, 87, 273-285.	1.8	108
187	Geochemical comparison between minettes and kersantites from the Western European Hercynian orogen: trace element and PbSrNd isotope constraints on their origin. <i>Earth and Planetary Science Letters</i> , 1988, 87, 73-86.	1.8	93
188	Origin of Deccan Trap lavas: evidence from combined trace element and Sr-, Nd- and Pb-isotope studies. <i>Earth and Planetary Science Letters</i> , 1988, 91, 89-104.	1.8	184
189	Further developments of the Rayleigh equation for fractional crystallization. <i>Earth and Planetary Science Letters</i> , 1988, 89, 170-172.	1.8	5
190	Petrogenesis of andesitic lavas from Mangatepopo valley and Upper Tama lake, Tongariro volcanic centre, New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 1988, 35, 17-29.	0.8	14
191	Tertiary andean magmatism in Chile and Argentina between 28°S and 33°S: Correlation of magmatic chemistry with a changing Benioff zone. <i>Journal of South American Earth Sciences</i> , 1988, 1, 21-38.	0.6	108
192	The Karoo Province. <i>Petrology and Structural Geology</i> , 1988, , 239-271.	0.5	110
193	Deccan Traps. <i>Petrology and Structural Geology</i> , 1988, , 151-194.	0.5	174
194	The North Atlantic Tertiary Province. <i>Petrology and Structural Geology</i> , 1988, , 111-149.	0.5	28
195	A model for the simulation of combined major and trace element liquid lines of descent. <i>Geochimica Et Cosmochimica Acta</i> , 1988, 52, 27-38.	1.6	120
196	Progressive mixing of isotopic reservoirs during magma genesis at the Sierrita porphyry copper deposit, Arizona: Inverse solutions. <i>Geochimica Et Cosmochimica Acta</i> , 1988, 52, 2235-2249.	1.6	30
197	Chapter 79 The significance of the rare earths in geochemistry and cosmochemistry. <i>Fundamental Theories of Physics</i> , 1988, 11, 485-578.	0.1	62
198	Neogene rhyolites of the northern Jemez volcanic field, New Mexico. <i>Journal of Geophysical Research</i> , 1988, 93, 6157-6167.	3.3	11
199	San Jacinto Intrusive Complex: 2. Geochemistry. <i>Journal of Geophysical Research</i> , 1988, 93, 10349-10372.	3.3	6

#	ARTICLE	IF	CITATIONS
200	San Jacinto Intrusive Complex: 3. Constraints on crustal magma chamber processes from strontium isotope heterogeneity. <i>Journal of Geophysical Research</i> , 1988, 93, 10373-10388.	3.3	11
201	Petrology of the Younger Andesites and Dacites of Iztaccâhuatl Volcano, Mexico: I. Disequilibrium Phenocryst Assemblages as Indicators of Magma Chamber Processes. <i>Journal of Petrology</i> , 1988, 29, 213-264.	1.1	66
202	The petrology and geochemistry of granitic gneisses from the East Arunta inlier, central Australia: implications for Proterozoic crustal development. <i>Precambrian Research</i> , 1988, 40-41, 233-259.	1.2	42
203	Amphibolites from the Entia Gneiss Complex, Eastern Arunta inlier: Geochemical evidence for a proterozoic transition from extensional to compressional tectonics. <i>Precambrian Research</i> , 1988, 38, 235-255.	1.2	9
204	Evidence for contrasting compositional spectra in comagmatic intrusive and extrusive rocks of the late Archean Blake River Group, Abitibi, Quebec. <i>Canadian Journal of Earth Sciences</i> , 1988, 25, 134-144.	0.6	43
205	A New Interpretation of the Meteoric Water Line. <i>Isotopes in Environmental and Health Studies</i> , 1988, 24, 311-317.	0.3	1
206	Proterozoic mafic dykes near Port Lincoln, South Australia: Composition, age and origin. <i>Australian Journal of Earth Sciences</i> , 1988, 35, 93-110.	0.4	23
207	Strontium isotope geochemistry of Tertiary igneous rocks, NE Ireland. <i>Geological Society Special Publication</i> , 1988, 39, 361-363.	0.8	6
208	Nd, Sr and Pb isotope geochemistry of the Lower Lavas, E Greenland Tertiary Igneous Province. <i>Geological Society Special Publication</i> , 1988, 39, 181-195.	0.8	24
209	Isotope evidence for the origin of Andean granites. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 1988, 79, 123-133.	0.3	59
210	Strontium isotope composition and geochronology of intermediateâ€”silicic volcanics, Mt Somers and Banks Peninsula, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 1988, 31, 197-206.	1.0	19
211	Petrogenetic Processes Associated with Intermediate and Silicic Magmatism in the Oslo Rift, South-East Norway. <i>Mineralogical Magazine</i> , 1988, 52, 293-307.	0.6	43
212	Petrography and geochemistry of two contrasting I-type granites, the Mitsumori and Ikuridani Granites, San' in Belt, Southwest Japan.. <i>Journal of the Geological Society of Japan</i> , 1989, 95, 905-918.	0.2	11
213	Petrology and geochemistry of volcanic rocks of the Cerro Galan caldera, northwest Argentina. <i>Geological Magazine</i> , 1989, 126, 515-547.	0.9	132
214	Geochemistry of Neohelikian Nauyat plateau basalts, Borden rift basin, northwestern Baffin Island, Canada. <i>Canadian Journal of Earth Sciences</i> , 1989, 26, 2214-2223.	0.6	12
215	Polybaric Evolution of Calc-alkaline Magmas from Nisyros, Southeastern Hellenic Arc, Greece. <i>Journal of Petrology</i> , 1989, 30, 1-37.	1.1	58
216	Geochemical and Isotopic Constraints on the Origin of the Jurassic Dolerites of Tasmania. <i>Journal of Petrology</i> , 1989, 30, 841-883.	1.1	187
217	Petrology of the Vandfaldsdalen Macrodiike, Skaergaard Region, East Greenland. <i>Journal of Petrology</i> , 1989, 30, 271-298.	1.1	19

#	ARTICLE	IF	CITATIONS
218	Geochemistry of granitic rocks from the Hercynian Sardinia-Corsica batholith: Implication for magma genesis. <i>Lithos</i> , 1989, 23, 247-266.	0.6	54
219	The Sr isotopic composition of early Jurassic mafic rocks of Atlantic Canada: Implications for assimilation and injection mechanisms affecting mafic dykes. <i>Chemical Geology: Isotope Geoscience Section</i> , 1989, 80, 17-26.	0.7	9
220	Genesis of the Kinabalu (Sabah) granitoid at a subduction-collision junction. <i>Contributions To Mineralogy and Petrology</i> , 1989, 103, 493-509.	1.2	29
221	Large glass inclusions in plagioclase phenocrysts and their bearing on the origin of mixed andesitic lavas at Tolim $\frac{1}{2}$ n volcano, Guatemala. <i>Bulletin of Volcanology</i> , 1989, 51, 271-280.	1.1	10
222	Neodymium and strontium isotopic characteristics of New Zealand granitoids and related rocks. <i>Contributions To Mineralogy and Petrology</i> , 1989, 103, 131-142.	1.2	50
223	The evolution of a silicic magma system: isotopic and chemical evidence from the Woods Mountains volcanic center, eastern California. <i>Contributions To Mineralogy and Petrology</i> , 1989, 101, 19-29.	1.2	55
224	Strontium isotopic and chemical variations of the granitic rocks in the Tsukuba district, Japan. <i>Contributions To Mineralogy and Petrology</i> , 1989, 101, 46-56.	1.2	13
225	Origin of Sr, Nd and Pb isotopic systematics in high-Sr basalts from central Arizona. <i>Contributions To Mineralogy and Petrology</i> , 1989, 101, 57-68.	1.2	19
226	Geochemical variations in Andean basaltic and silicic lavas from the Villarrica-Lanin volcanic chain (39.5 $\frac{1}{2}$ S): an evaluation of source heterogeneity, fractional crystallization and crustal assimilation. <i>Contributions To Mineralogy and Petrology</i> , 1989, 103, 361-386.	1.2	161
227	Magma mixing in the San Francisco Volcanic Field, AZ. <i>Contributions To Mineralogy and Petrology</i> , 1989, 102, 429-453.	1.2	24
228	Oxygen isotopes in mantle related and geothermally altered magmatites of the Transhimalayan (Gangdese) ranges. <i>Contributions To Mineralogy and Petrology</i> , 1989, 101, 438-446.	1.2	16
229	Geochemical consequences of in situ crystallization. <i>Nature</i> , 1989, 340, 199-205.	13.7	372
230	Geochemistry of volcanic rocks from the Nsuzo Group, South Africa: arc-like volcanics in a 3.0 Ga-old intracratonic rift. <i>Journal of African Earth Sciences (and the Middle East)</i> , 1989, 9, 589-597.	0.2	9
231	Jurassic volcanism findings in Sokoto State (NW-Nigeria). <i>Journal of African Earth Sciences (and the)</i> Tj ETQq1 1 0.784314 rgBT /Overlo	0.2	9
232	The geology and geochemistry of an Early Proterozoic volcanic-arc association at Cartwright Lake: Lynn Lake greenstone belt, northwestern Manitoba. <i>Canadian Journal of Earth Sciences</i> , 1989, 26, 716-736.	0.6	9
233	Assimilation and crystallization in basic magma chambers: trace-element and Nd-isotopic variations in the Kerns sill, Nipissing diabase province, Ontario. <i>Canadian Journal of Earth Sciences</i> , 1989, 26, 737-754.	0.6	20
234	Quantitative trace-element modelling of the crystallization history of the Kinoj $\text{\AA}$ vis and Blake River groups, Abitibi Greenstone Belt, Ontario. <i>Canadian Journal of Earth Sciences</i> , 1989, 26, 1356-1367.	0.6	32
235	Chlorine in mid-ocean ridge magmas: Evidence for assimilation of seawater-influenced components. <i>Geochimica Et Cosmochimica Acta</i> , 1989, 53, 3131-3143.	1.6	212

#	ARTICLE	IF	CITATIONS
236	10Be and 9Be in mineral separates and whole rocks from volcanic arcs: Implications for sediment subduction. <i>Geochimica Et Cosmochimica Acta</i> , 1989, 53, 3197-3206.	1.6	114
237	An unmetasomatized source for the Malaitan alnöite (Solomon Islands): Petrogenesis involving zone refining, megacryst fractionation, and assimilation of oceanic lithosphere. <i>Geochimica Et Cosmochimica Acta</i> , 1989, 53, 1975-1990.	1.6	44
238	Non-depleted sub-continental mantle beneath the Superior Province of the Canadian Shield: Nd-Sr isotopic and trace element evidence from Midcontinent Rift basalts. <i>Geochimica Et Cosmochimica Acta</i> , 1989, 53, 2023-2035.	1.6	78
239	The evolution of a complex type B Allende inclusion: An ion microprobe trace element study. <i>Geochimica Et Cosmochimica Acta</i> , 1989, 53, 2413-2427.	1.6	26
240	Compositional heterogeneities in upper mantle peridotites from the Zambales Range Ophiolite, Luzon, Philippines. <i>Tectonophysics</i> , 1989, 168, 23-41.	0.9	20
241	Time dimension in the geochemical approach and hazard estimates of a volcanic area: The isle of Ischia case (Italy). <i>Journal of Volcanology and Geothermal Research</i> , 1989, 36, 327-335.	0.8	26
242	The Yemen trap series: Genesis and evolution of a continental flood basalt province. <i>Journal of Volcanology and Geothermal Research</i> , 1989, 36, 337-350.	0.8	46
243	Petrology and Sr-Nd isotope geochemistry of recent lavas from Mt. Etna: bearing on the volcano feeding system. <i>Journal of Volcanology and Geothermal Research</i> , 1989, 39, 315-327.	0.8	74
244	Volcanic rocks of the Witwatersrand Triad, South Africa. II: Petrogenesis of mafic and felsic rocks of the Dominion Group. <i>Precambrian Research</i> , 1989, 44, 39-65.	1.2	35
245	Geochemical constraints on coupled assimilation and fractional crystallization involving upper crustal compositions and continental tholeiitic magma. <i>Earth and Planetary Science Letters</i> , 1989, 92, 70-80.	1.8	40
246	HfNd isotopic and trace element constraints on the genesis of alkaline and calc-alkaline lamprophyres. <i>Earth and Planetary Science Letters</i> , 1989, 96, 209-219.	1.8	30
247	Evolution of an alkali basalt-trachyte suite from Jebel Marra volcano, Sudan, through assimilation and fractional crystallization. <i>Earth and Planetary Science Letters</i> , 1989, 95, 141-160.	1.8	97
248	Minor element effects of combined fractional partial melting and crystallization. <i>Earth and Planetary Science Letters</i> , 1989, 93, 142-150.	1.8	2
249	Regional variations within the Paraná flood basalts (southern Brazil): Evidence for subcontinental mantle heterogeneity and crustal contamination. <i>Chemical Geology</i> , 1989, 75, 103-122.	1.4	74
250	Geochemistry of recent volcanics of Ischia Island, Italy: Evidences for fractional crystallization and magma mixing. <i>Chemical Geology</i> , 1989, 78, 15-33.	1.4	42
251	The Moldanubian granitoid plutons of Austria: Chemical and isotopic studies bearing on their environmental setting. <i>Chemical Geology</i> , 1989, 76, 41-55.	1.4	84
252	Phase equilibria constraints on liquid lines of descent generated by paired assimilation and fractional crystallization: Trace elements and Sr and Nd isotopes. <i>Journal of Geophysical Research</i> , 1989, 94, 787-794.	3.3	24
253	Isotopic and trace element constraints on the origin and evolution of alkaline and calc-alkaline magmas in the Northwestern Mexican Volcanic Belt. <i>Journal of Geophysical Research</i> , 1989, 94, 4531-4544.	3.3	83

#	ARTICLE	IF	CITATIONS
254	Coexisting calcalkaline and high- $\epsilon$ niobium basalts from Turrialba Volcano, Costa Rica: Implications for residual titanates in arc magma sources. <i>Journal of Geophysical Research</i> , 1989, 94, 4619-4633.	3.3	211
255	Basaltic volcanism in Ethiopia: Constraints on continental rifting and mantle interactions. <i>Journal of Geophysical Research</i> , 1989, 94, 7731-7748.	3.3	223
256	Constraints on magma genesis behind the Neogene Cascade Arc: Evidence from major and trace element variation of high- $\epsilon$ alumina and tholeiitic volcanics of the Bear Creek Area. <i>Journal of Geophysical Research</i> , 1989, 94, 7775-7798.	3.3	16
257	Southern Cordilleran basaltic andesite suite, southern Chihuahua, Mexico: A link between Tertiary continental arc and flood basalt magmatism in North America. <i>Journal of Geophysical Research</i> , 1989, 94, 7817-7840.	3.3	74
258	Chemical and isotopic evolution of the coastal batholith of southern Peru. <i>Journal of Geophysical Research</i> , 1989, 94, 12483-12498.	3.3	16
259	Igneous history of the Koyukuk Terrane, western Alaska: Constraints on the origin, evolution, and ultimate collision of an accreted island arc terrane. <i>Journal of Geophysical Research</i> , 1989, 94, 15843-15867.	3.3	29
260	Isotopic and trace element variations in the Ruby batholith, Alaska, and the nature of the deep crust beneath the Ruby and Angayucham terranes. <i>Journal of Geophysical Research</i> , 1989, 94, 15941-15955.	3.3	28
261	The nature of the crust in the Yukon-Koyukuk Province as inferred from the chemical and isotopic composition of five Late Cretaceous to Early Tertiary volcanic fields in western Alaska. <i>Journal of Geophysical Research</i> , 1989, 94, 15989-16020.	3.3	26
262	The Genesis of Late Hercynian Granitoids from Galicia (Northwestern Spain): Inferences from Re Studies. <i>Journal of Geology</i> , 1990, 98, 189-211.	0.7	26
263	The geochemistry of the Trotternish sills, Isle of Skye: crustal contamination in the British Tertiary Volcanic Province. <i>Journal of the Geological Society</i> , 1990, 147, 1071-1081.	0.9	21
264	Derivation of some modern arc magmas by melting of young subducted lithosphere. <i>Nature</i> , 1990, 347, 662-665.	13.7	3,572
265	Growing from below. <i>Nature</i> , 1990, 347, 711-712.	13.7	59
266	Isotopic evidence from the Ivrea Zone for a hybrid lower crust formed by magmatic underplating. <i>Nature</i> , 1990, 347, 731-736.	13.7	277
267	Modeling of trace-element distribution in magma chambers using open-system models. <i>Computers and Geosciences</i> , 1990, 16, 549-586.	2.0	14
268	Genesis of collision volcanism in Eastern Anatolia, Turkey. <i>Journal of Volcanology and Geothermal Research</i> , 1990, 44, 189-229.	0.8	623
269	The petrology, phase relations and tectonic setting of basalts from the taupo volcanic zone, New Zealand and the Kermadec Island arc - havre trough, SW Pacific. <i>Journal of Volcanology and Geothermal Research</i> , 1990, 43, 253-270.	0.8	79
270	Petrogenesis of the Traversella diorite (Piemonte, Italy): A major- and trace-element and isotopic (O, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.6	18
271	Magma mixing versus xenocryst assimilation: The genesis of trachyandesites in Sancy volcano, Massif Central, France. <i>Lithos</i> , 1990, 25, 227-241.	0.6	18



#	ARTICLE	IF	CITATIONS
272	Isotope studies on alkaline volcanics and carbonatites from the Kaiserstuhl, Federal Republic of Germany. <i>Lithos</i> , 1990, 26, 21-35.	0.6	46
273	Polyphase Variscan tectonics and metamorphism along a segment of the Saxothuringian-Moldanubian boundary: The Baden-Baden Zone, northern Schwarzwald (F.R.G.). <i>Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie</i> , 1990, 79, 627-647.	1.3	29
274	Geochemistry of the Siberian Trap of the Noril'sk area, USSR, with implications for the relative contributions of crust and mantle to flood basalt magmatism. <i>Contributions To Mineralogy and Petrology</i> , 1990, 104, 631-644.	1.2	213
275	Geochemistry and petrogenesis of two-Pyroxene andesites from Sierra de Gata (SE Spain). <i>Mineralogy and Petrology</i> , 1990, 41, 199-213.	0.4	16
276	Origin of the acidic volcanics of the Tolfa district, Tuscan Province, central Italy: an elemental and Sr-isotopic study. <i>Contributions To Mineralogy and Petrology</i> , 1990, 105, 403-411.	1.2	12
277	Isotopic studies of processes in mafic magma chambers: II. The Skaergaard Intrusion, East Greenland. <i>Contributions To Mineralogy and Petrology</i> , 1990, 104, 125-141.	1.2	86
278	Non-monotonic chemical and O, Sr, Nd, and Pb isotope zonations and heterogeneity in the mafic- to silicic-composition magma chamber of the Grizzly Peak Tuff, Colorado. <i>Contributions To Mineralogy and Petrology</i> , 1990, 105, 677-690.	1.2	30
279	An inversion approach to assimilation and fractional crystallisation processes. <i>Contributions To Mineralogy and Petrology</i> , 1990, 105, 289-302.	1.2	32
280	The structural environments of trace elements in dry and hydrous silicate glasses; a manganese and strontium K-edge X-ray absorption spectroscopic study. <i>Contributions To Mineralogy and Petrology</i> , 1990, 105, 359-368.	1.2	42
281	H, O, Sr, Nd, and Pb isotope geochemistry of the Latir volcanic field and cogenetic intrusions, New Mexico, and relations between evolution of a continental magmatic center and modifications of the lithosphere. <i>Contributions To Mineralogy and Petrology</i> , 1990, 104, 99-124.	1.2	92
282	Petrology and petrogenesis of the Ministers Island dike, southwest New Brunswick, Canada. <i>Contributions To Mineralogy and Petrology</i> , 1990, 105, 55-65.	1.2	12
283	Sm <sup>72</sup> Nd and Pb isotopic study of mafic rocks associated with early Proterozoic continental rifting: the Perijä/2pohja schist belt in northern Finland. <i>Contributions To Mineralogy and Petrology</i> , 1990, 104, 369-379.	1.2	127
284	Petrology, geochemistry, and age of the Spurr volcanic complex, eastern Aleutian arc. <i>Bulletin of Volcanology</i> , 1990, 52, 205-226.	1.1	53
285	Sr-Nd isotope compositions of cenozoic granitoids along a traverse of the central Peruvian Andes. <i>Geological Journal</i> , 1990, 25, 351-358.	0.6	8
286	Geochemistry and Intrusive History of the Ashland Pluton, Klamath Mountains, California and Oregon. <i>Journal of Petrology</i> , 1990, 31, 883-923.	1.1	23
287	Origin of Mafic Enclaves in the Dinkey Creek Pluton, Central Sierra Nevada Batholith, California. <i>Journal of Petrology</i> , 1990, 31, 853-881.	1.1	148
288	Calc-alkaline, Shoshonitic, and Primitive Tholeiitic Lavas from Monogenetic Volcanoes near Crater Lake, Oregon. <i>Journal of Petrology</i> , 1990, 31, 135-166.	1.1	65
290	Implications of the time-dependent evolution of Pb- and Sr-isotopic compositions of Cretaceous and Cenozoic granitoids from the coastal region and the lower Pacific slope of the Andes of central Peru. <i>Special Paper of the Geological Society of America</i> , 1990, , 161-172.	0.5	1

#	ARTICLE	IF	CITATIONS
291	Contemporaneous Convergent Margin and Intraplate Magmatism, North Island, New Zealand. <i>Journal of Petrology</i> , 1990, 31, 813-851.	1.1	45
292	Age of a K-feldspar megacrystic granite from the Burgeo intrusive suite, and timing of tungsten mineralization at Grey River, southern Newfoundland. <i>Canadian Journal of Earth Sciences</i> , 1990, 27, 893-902.	0.6	0
293	Genesis of Continental Crust: Evidence from Island Arcs, Granulites, and Exospheric Processes. , 1990, , 7-23.		14
294	Isotopic modification of the continental crust: implications for the use of isotope tracers in granite petrogenesis. , 1990, , 124-148.		10
295	Vredefort bronzite granophyre: chemical evidence for origin as a meteorite impact melt. <i>Tectonophysics</i> , 1990, 171, 119-138.	0.9	61
296	The geochemistry and tectonic setting of the northern section of the Luzon arc (The Philippines and) Tj ETQq1 1 0.784314 rgBT /Overlo	0.9	52
297	Formation of native iron in sediment-contaminated magma: I. A case study of the Hanekammen Complex on Disko Island, West Greenland. <i>Geochimica Et Cosmochimica Acta</i> , 1990, 54, 57-70.	1.6	33
298	Interpretation of open system petrogenetic processes: Phase equilibria constraints on magma evolution. <i>Geochimica Et Cosmochimica Acta</i> , 1990, 54, 87-102.	1.6	57
299	Petrology and geochemistry of lower crustal granulites from the Geronimo Volcanic Field, southeastern Arizona. <i>Geochimica Et Cosmochimica Acta</i> , 1990, 54, 3401-3426.	1.6	110
300	Ion microprobe studies of trace elements in Apollo 14 volcanic glass beads: Comparisons to Apollo 14 mare basalts and petrogenesis of picritic magmas. <i>Geochimica Et Cosmochimica Acta</i> , 1990, 54, 851-867.	1.6	42
301	Geochemistry of the Taitao ophiolite and near-trench intrusions from the Chile margin triple junction. <i>Journal of South American Earth Sciences</i> , 1990, 3, 161-177.	0.6	49
302	Geochemistry and origin of early Proterozoic volcanic rocks from the Transvaal and Soutpansberg successions, South Africa. <i>Precambrian Research</i> , 1990, 47, 17-26.	1.2	26
303	The geology and geochemistry of Isla Marchena, Galapagos Archipelago: An ocean island adjacent to a mid-ocean ridge. <i>Journal of Volcanology and Geothermal Research</i> , 1990, 40, 291-315.	0.8	33
304	Fractional crystallization in open systems of variable composition: Correlations between element concentrations. <i>Earth and Planetary Science Letters</i> , 1990, 101, 34-41.	1.8	0
305	Age and origin of a compositionally varied mafic dyke swarm in the Bunger Hills, East Antarctica. <i>Chemical Geology</i> , 1990, 85, 215-246.	1.4	67
306	Lower Cretaceous tholeiitic dyke swarms from the Ponta Grossa Arch (southeast Brazil): Petrology, Sr-Nd isotopes and genetic relationships with the Paran flood volcanics. <i>Chemical Geology</i> , 1990, 89, 19-48.	1.4	81
307	Two types of granitic intrusions in the Hida belt, Japan: Sr isotopic and chemical characteristics of the Mesozoic Funatsu granitic rocks. <i>Chemical Geology</i> , 1990, 85, 101-117.	1.4	22
308	Nd and Sr isotopic compositions of lower-crustal xenoliths from north Queensland, Australia: Implications for Nd model ages and crustal growth processes. <i>Chemical Geology</i> , 1990, 83, 195-208.	1.4	75

#	ARTICLE	IF	CITATIONS
309	Open-system magmatic evolution of andesites and basalts from the Salmon Creek volcanics, southwestern Idaho, U.S.A.. <i>Chemical Geology</i> , 1990, 81, 167-189.	1.4	10
310	Composition and isotopic constraints on the petrogenesis of alkaline arc lavas: Lihir Island, Papua New Guinea. <i>Journal of Geophysical Research</i> , 1990, 95, 6929-6942.	3.3	52
311	Mafic enclaves in the Wilson Ridge Pluton, northwestern Arizona: Implications for the generation of a calc-alkaline intermediate pluton in an extensional environment. <i>Journal of Geophysical Research</i> , 1990, 95, 17693-17716.	3.3	23
312	Evolution of a magmatic system during continental extension: The Mount Taylor Volcanic Field, New Mexico. <i>Journal of Geophysical Research</i> , 1990, 95, 19327-19348.	3.3	37
313	Early Proterozoic continental tholeiites from western Bergslagen, Central Sweden, II. Nd and Sr isotopic variations and implications from Sm-Nd systematics for the Svecofennian sub-continental mantle. <i>Precambrian Research</i> , 1991, 52, 215-230.	1.2	20
314	Geochemical constraints on the petrogenesis of the Kamiskotia gabbroic complex and related basalts, Western Abitibi Subprovince, Ontario, Canada. <i>Precambrian Research</i> , 1991, 50, 173-199.	1.2	21
315	Evidence from Muriah, Indonesia, for the Interplay of Supra-Subduction Zone and Intraplate Processes in the Genesis of Potassic Alkaline Magmas. <i>Journal of Petrology</i> , 1991, 32, 555-592.	1.1	103
316	Model for the Origin and Significance of Microgranular Enclaves in Calc-alkaline Granitoids. <i>Journal of Petrology</i> , 1991, 32, 657-666.	1.1	125
317	Geodynamic implications of geochemical data for the Pyrenean ophiolites (Spain-France). <i>Chemical Geology</i> , 1991, 89, 243-262.	1.4	21
318	Geochemical evolution in crustal magma reservoirs: Trace-element and Sr-Nd-O isotopic variations in two continental intraplate series at Monts Dore, Massif Central, France. <i>Chemical Geology</i> , 1991, 89, 281-303.	1.4	40
319	Geochemical and isotopic evidence for crystal fractionation, AFC and crustal anatexis in the genesis of the Rensen Plutonic Complex (Eastern Alps, Italy). <i>Chemical Geology</i> , 1991, 92, 21-43.	1.4	23
320	Modelling the petrogenesis of high Rb/Sr silicic magmas. <i>Chemical Geology</i> , 1991, 92, 107-114.	1.4	163
321	SIMS analysis of REE in pyroxenes and amphiboles from the Proterozoic Ikaulak intrusive complex (SE Greenland): implications for LREE enrichment processes during post-orogenic plutonism. <i>Chemical Geology</i> , 1991, 92, 115-133.	1.4	13
322	Relationships between intermediate and acidic rocks in orogenic granitoid suites: petrological, geochemical and isotopic (Sr, Nd, Pb) data from Capo Vaticano (southern Calabria, Italy). <i>Chemical Geology</i> , 1991, 92, 153-176.	1.4	75
323	Geochemical and isotopic (Sr, Pb) evidence of crust-mantle interaction in acidic melts – The Tolfa-Cerveteri-Manziana volcanic complex (central Italy): a case history. <i>Chemical Geology</i> , 1991, 92, 177-195.	1.4	22
324	The Arburese igneous complex (SW Sardinia, Italy) – an example of dominant igneous fractionation leading to peraluminous cordierite-bearing leucogranites as residual melts. <i>Chemical Geology</i> , 1991, 92, 213-249.	1.4	35
325	Homogenization and lowering of $^{18}\text{O}/^{16}\text{O}$ in mid-crustal rocks during extension-related magmatism in eastern Nevada. <i>Earth and Planetary Science Letters</i> , 1991, 107, 416-431.	1.8	12
326	The isotopic composition of postshield lavas from Mauna Kea volcano, Hawaii. <i>Earth and Planetary Science Letters</i> , 1991, 103, 339-353.	1.8	41

#	ARTICLE	IF	CITATIONS
327	Petrology of the Keweenaw Mamainse Point lavas, Ontario: Petrogenesis and continental rift evolution. <i>Journal of Geophysical Research</i> , 1991, 96, 457-474.	3.3	50
328	Oligocene ash flow volcanism, northern Sierra Madre Occidental: Role of mafic and intermediate composition magmas in rhyolite genesis. <i>Journal of Geophysical Research</i> , 1991, 96, 13389-13411.	3.3	60
329	Petrogenesis of high-silica rhyolite on the Alaska Peninsula. <i>Geophysical Research Letters</i> , 1991, 18, 1565-1568.	1.5	8
330	Oligocene basaltic volcanism of the Northern Rio Grande Rift: San Luis Hills, Colorado. <i>Journal of Geophysical Research</i> , 1991, 96, 13577-13592.	3.3	26
331	Compositional changes in Trans-Pecos Texas Magmatism Coincident with Cenozoic stress realignment. <i>Journal of Geophysical Research</i> , 1991, 96, 13561-13575.	3.3	23
332	Precaldera lavas of the southeast San Juan Volcanic Field: Parent magmas and crustal interactions. <i>Journal of Geophysical Research</i> , 1991, 96, 13413-13434.	3.3	39
333	Large-scale crust formation and lithosphere modification beneath Middle to Late Cenozoic calderas and volcanic fields, western North America. <i>Journal of Geophysical Research</i> , 1991, 96, 13485-13507.	3.3	104
334	Isotopic composition of Oligocene mafic volcanic rocks in the Northern Rio Grande Rift: Evidence for contributions of ancient intraplate and subduction magmatism to evolution of the lithosphere. <i>Journal of Geophysical Research</i> , 1991, 96, 13593-13608.	3.3	39
335	Isotopic and trace element constraints on the composition and evolution of the lithosphere beneath the southwestern United States. <i>Journal of Geophysical Research</i> , 1991, 96, 13713-13735.	3.3	159
336	Tertiary extension-related volcanism, Old Woman Mountains area eastern Mojave Desert, California. <i>Journal of Geophysical Research</i> , 1991, 96, 13629-13643.	3.3	14
337	Nd-Sr isotopic and geochemical characteristics of the southern Adamello (northern Italy) intrusives: Implications for crustal versus mantle origin. <i>Journal of Geophysical Research</i> , 1991, 96, 14331-14346.	3.3	59
338	Origin of compositional zonation (high-alumina basalt to basaltic andesite) in the Giant Crater Lava Field, Medicine Lake Volcano, northern California. <i>Journal of Geophysical Research</i> , 1991, 96, 21819-21842.	3.3	53
339	Geochemistry of two metavolcanic arc suites from the Central Metasedimentary Belt of the Grenville Province, southeastern Ontario, Canada. <i>Canadian Journal of Earth Sciences</i> , 1991, 28, 1429-1443.	0.6	17
340	Isotopic and chemical constraints on the petrogenesis of Blackburn Hills volcanic field, western Alaska. <i>Geochimica Et Cosmochimica Acta</i> , 1991, 55, 3753-3776.	1.6	11
341	Geochemical behavior of sulfur in granitoids during intrusion of the South Mountain batholith, Nova Scotia, Canada. <i>Geochimica Et Cosmochimica Acta</i> , 1991, 55, 3809-3830.	1.6	27
342	The origin of the moon and the early history of the earth—A chemical model. Part 2: The earth. <i>Geochimica Et Cosmochimica Acta</i> , 1991, 55, 1159-1172.	1.6	335
343	Nd-Sr isotopes, petrochemistry, and origin of the Siberian flood basalts, USSR. <i>Geochimica Et Cosmochimica Acta</i> , 1991, 55, 1183-1192.	1.6	56
344	The effect of accessory minerals on the redistribution of lead isotopes during crustal anatexis: A model. <i>Geochimica Et Cosmochimica Acta</i> , 1991, 55, 335-348.	1.6	70

#	ARTICLE	IF	CITATIONS
345	Magmatism of the eastern Red Sea margin in the northern part of Yemen from Oligocene to present. <i>Tectonophysics</i> , 1991, 198, 181-202.	0.9	43
346	An Example of Island-Arc Petrogenesis: Geochemistry and Petrology of the Southern Luzon Arc, Philippines. <i>Journal of Petrology</i> , 1991, 32, 455-500.	1.1	71
347	Dacite Genesis via both Slab Melting and Differentiation: Petrogenesis of La Yeguada Volcanic Complex, Panama. <i>Journal of Petrology</i> , 1991, 32, 1101-1142.	1.1	260
348	Archaean orogenic ultrapotassic magmatism: an example from the southern Abitibi greenstone belt. <i>Precambrian Research</i> , 1991, 52, 71-96.	1.2	41
349	Nd and Sr isotope chemistry of metallic iron-bearing, sediment-contaminated Tertiary volcanics from Disko Island, Greenland. <i>Lithos</i> , 1991, 27, 13-27.	0.6	13
350	TEA: A computer program in basic to calculate trace-element abundances in silicate rocks and magmas during melting and crystallization processes. <i>Computers and Geosciences</i> , 1991, 17, 641-653.	2.0	3
351	Petrology of final-stage Latera lavas (Vulsini Mts.): Mineralogical, geochemical and Sr-isotopic data and their bearing on the genesis of some potassic magmas in central Italy. <i>Journal of Volcanology and Geothermal Research</i> , 1991, 46, 187-212.	0.8	39
352	Sr- and Nd-isotope and trace-element constraints on the chemical evolution of the magmatic system of Ischia (Italy) in the last 55 ka. <i>Journal of Volcanology and Geothermal Research</i> , 1991, 46, 213-230.	0.8	110
353	Geology and geochemistry of Amealco Caldera, Qro., Mexico. <i>Journal of Volcanology and Geothermal Research</i> , 1991, 47, 105-127.	0.8	24
354	Nd, Sr, and O isotopic variations in metaluminous ash-flow tuffs and related volcanic rocks at the Timber Mountain/Oasis Valley Caldera, Complex, SW Nevada: implications for the origin and evolution of large-volume silicic magma bodies. <i>Contributions To Mineralogy and Petrology</i> , 1991, 109, 53-68.	1.2	86
355	Magma mixing and convective compositional layering within the Vesuvius magma chamber. <i>Bulletin of Volcanology</i> , 1991, 53, 287-300.	1.1	124
356	Intractions of mantle and crustal magmas in the southern part of the Ivrea Zone (Italy). <i>Contributions To Mineralogy and Petrology</i> , 1991, 108, 385-395.	1.2	47
357	Mantle contribution to the evolution of Middle Tertiary silicic magmatism during early stages of extension: the Egan Range volcanic complex, east-central Nevada. <i>Contributions To Mineralogy and Petrology</i> , 1991, 106, 154-169.	1.2	32
358	Basalt-rhyolite volcanism by MORB-continental crust interaction: Nd, Sr-isotopic and geochemical evidence from southern San Joaquin Basin, California. <i>Contributions To Mineralogy and Petrology</i> , 1991, 109, 159-172.	1.2	24
359	Magmatic and metamorphic evolution of metagabbros in the Münchberg Massif, N.E. Bavaria. <i>Contributions To Mineralogy and Petrology</i> , 1991, 107, 112-123.	1.2	18
360	Crust-mantle interaction in continental arcs: inferences from the Mesozoic arc in the southwestern United States. <i>Contributions To Mineralogy and Petrology</i> , 1991, 107, 124-134.	1.2	25
361	Andesite and dacite genesis via contrasting processes: the geology and geochemistry of El Valle Volcano, Panama. <i>Contributions To Mineralogy and Petrology</i> , 1991, 106, 309-324.	1.2	117
362	Geochemical and Isotopic Evidence for Crustal Assimilation Beneath Krafla, Iceland. <i>Journal of Petrology</i> , 1991, 32, 1005-1020.	1.1	143

#	ARTICLE	IF	CITATIONS
363	Crust-mantle interaction in western Turkey: implications from Sr and Nd isotope geochemistry of Tertiary and Quaternary volcanics. <i>Geological Magazine</i> , 1991, 128, 417-435.	0.9	158
364	Trace-element and Nd isotopic variations in Early Proterozoic dyke swarms emplaced in the vicinity of the Kapuskasing structural zone: enriched mantle or assimilation and fractional crystallization (AFC) process?. <i>Canadian Journal of Earth Sciences</i> , 1991, 28, 26-36.	0.6	16
365	Lower Paleozoic tholeiitic dykes from central New Brunswick: possible evidence for the early opening of an ensialic Taconian back-arc basin. <i>Canadian Journal of Earth Sciences</i> , 1991, 28, 1444-1454.	0.6	9
366	Petrogenesis of andesites and dacites of White Island volcano, Bay of Plenty, New Zealand, in the light of new geochemical and isotopic data. <i>New Zealand Journal of Geology, and Geophysics</i> , 1991, 34, 303-315.	1.0	29
367	CHEMICAL CONSTITUTION OF THE EARTH'S CRUST AND GEOCHEMICAL BALANCE OF THE MAJOR ELEMENTS (PART II). <i>International Geology Review</i> , 1991, 33, 1049-1097.	1.1	2
368	CHEMICAL CONSTITUTION OF THE EARTH'S CRUST AND GEOCHEMICAL BALANCE OF THE MAJOR ELEMENTS. <i>International Geology Review</i> , 1991, 33, 941-1048.	1.1	107
369	Magmatism in Extensional Structural Settings. , 1991, , .		29
370	Petrology of the Caribou Mountain Pluton, Klamath Mountains, California. <i>Journal of Petrology</i> , 1992, 33, 95-124.	1.1	15
371	Granite genesis and the mechanics of convergent orogenic belts with application to the southern Adelaide Fold Belt. <i>Special Paper of the Geological Society of America</i> , 1992, , 83-94.	0.5	10
372	Petrogenesis of felsic I-type granites: an example from northern Queensland. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 1992, 83, 115-126.	0.3	54
373	A nested diapir model for the reversely zoned Turtle Pluton, southeastern California. <i>Special Paper of the Geological Society of America</i> , 1992, , 179-190.	0.5	5
374	Petrogenesis of Late Archaean Flood-Type Basic Lavas from the Klipriviersberg Group, Ventersdorp Supergroup, South Africa. <i>Journal of Petrology</i> , 1992, 33, 817-847.	1.1	43
375	Spatial, compositional and rheological constraints on the origin of zoning in the Criffell pluton, Scotland. <i>Special Paper of the Geological Society of America</i> , 1992, , 191-200.	0.5	10
376	Petrogenesis of felsic I-type granites: an example from northern Queensland. <i>Special Paper of the Geological Society of America</i> , 1992, , 115-126.	0.5	7
377	Fractional Crystallization and Liquid Immiscibility Processes in the Alkaline-Carbonatite Complex of Juquiá (São Paulo, Brazil). <i>Journal of Petrology</i> , 1992, 33, 1371-1404.	1.1	72
378	Archean mafic dyke swarms near the Cameron River and Beaulieu River volcanic belts and their implications for tectonic modelling of the Slave Province, Northwest Territories. <i>Canadian Journal of Earth Sciences</i> , 1992, 29, 2226-2248.	0.6	17
379	Geochemistry of Tuscan Archipelago Granitoids, Central Italy: The Role of Hybridization Processes in Their Genesis. <i>Journal of Geology</i> , 1992, 100, 41-56.	0.7	63
380	Granite genesis and the mechanics of convergent orogenic belts with application to the southern Adelaide Fold Belt. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 1992, 83, 83-93.	0.3	40

#	ARTICLE	IF	CITATIONS
381	A nested diapir model for the reversely zoned Turtle Pluton, southeastern California. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 1992, 83, 179-190.	0.3	16
382	Spatial, compositional and rheological constraints on the origin of zoning in the Criffell pluton, Scotland. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 1992, 83, 191-199.	0.3	21
383	Chapter 4 Geochemistry and Significance of Mafic Dyke Swarms in the Proterozoic. <i>Neoproterozoic-Cambrian Tectonics, Global Change and Evolution: A Focus on South Western Gondwana</i> , 1992, 10, 151-179.	0.2	51
384	Geochemistry and petrogenesis of Archean mafic volcanic rocks of the southern Abitibi Belt, Québec. <i>Precambrian Research</i> , 1992, 57, 207-241.	1.2	75
385	Evolution of Calc-alkaline Magmas in Continental Arc Volcanoes: Evidence from Alicudi, Aeolian Arc (Southern Tyrrhenian Sea, Italy). <i>Journal of Petrology</i> , 1992, 33, 1295-1315.	1.1	40
386	Diffusive Isotopic Contamination of Mafic Magma by Coexisting Silicic Liquid in the Muskox Intrusion. <i>Science</i> , 1992, 255, 708-711.	6.0	39
387	Tholeiitic volcanic rocks of the late Archean Blake River Group, southern Abitibi greenstone belt: origin and geodynamic implications. <i>Canadian Journal of Earth Sciences</i> , 1992, 29, 1448-1458.	0.6	79
388	Pre-Elsonian mafic magmatism in the Nain Igneous Complex, Labrador: the bridges layered intrusion. <i>Precambrian Research</i> , 1992, 56, 73-87.	1.2	12
389	Petrogenesis of the Potato Hill pluton, Newfoundland: transpression during the Grenvillian orogenic cycle?. <i>Journal of the Geological Society</i> , 1992, 149, 923-935.	0.9	8
390	Geochemistry of mineralized and barren, late proterozoic felsic volcanic rocks in southeastern Cape Breton Island, Nova Scotia (Canada). <i>Precambrian Research</i> , 1992, 56, 33-49.	1.2	14
391	A comparative study of the geochemical and isotopic systematics of late archaean flood basalts from the pilbara and kaapvaal cratons. <i>Precambrian Research</i> , 1992, 54, 231-256.	1.2	86
392	Cenozoic magmatism of the valencia trough (western mediterranean): Relationship between structural evolution and volcanism—. <i>Tectonophysics</i> , 1992, 203, 145-165.	0.9	168
393	Field relationships and geochemistry of pre-collisional (India-Asia) granitoid magmatism in the central Karakoram, northern Pakistan. <i>Tectonophysics</i> , 1992, 206, 171-192.	0.9	75
394	Geodynamic interpretations of plate subduction in the northernmost part of the Central Volcanic Zone from the geochemical evolution and quantification of the crustal contamination of the Nevado Solimana volcano, southern Peru. <i>Tectonophysics</i> , 1992, 205, 329-355.	0.9	9
395	Pb-Nd-Sr isotopic compositions and trace element characteristics of young volcanic rocks from Egmont Volcano and comparisons with basalts and andesites from the Taupo Volcanic Zone, New Zealand. <i>Geochimica Et Cosmochimica Acta</i> , 1992, 56, 941-953.	1.6	57
396	Oxygen isotope evidence for large-scale hybridization of the lower crust during magmatic underplating. <i>Geochimica Et Cosmochimica Acta</i> , 1992, 56, 971-986.	1.6	169
397	Petrogenesis of Late Cenozoic volcanic rocks from the Taupo Volcanic Zone, New Zealand, in the light of new lead isotope data. <i>Geochimica Et Cosmochimica Acta</i> , 1992, 56, 2797-2819.	1.6	74
398	Geodynamic evolution of the southern Abitibi and Pontiac terranes: evidence from geochemistry of granitoid magma series (2700–2630 Ma). <i>Canadian Journal of Earth Sciences</i> , 1992, 29, 2266-2286.	0.6	47

#	ARTICLE	IF	CITATIONS
399	The importance of parental magma composition to calc-alkaline and tholeiitic evolution: Evidence from Umnak Island in the Aleutians. <i>Journal of Geophysical Research</i> , 1992, 97, 321-343.	3.3	77
400	Mid-Pleistocene basalt from the Seguam Volcanic Center, central Aleutian Arc, Alaska: Local lithospheric structures and source variability in the Aleutian Arc. <i>Journal of Geophysical Research</i> , 1992, 97, 4561-4578.	3.3	41
401	Continental basalts of the Boise River Group near Smith Prairie, Idaho. <i>Journal of Geophysical Research</i> , 1992, 97, 9043-9061.	3.3	15
402	Nd-Sr-Pb isotopic variations along the Gulf of Aden: Evidence for Afar Mantle Plume-Continental Lithosphere Interaction. <i>Journal of Geophysical Research</i> , 1992, 97, 10927-10966.	3.3	229
403	Coats Land dolerites and the generation of Antarctic continental flood basalts. <i>Geological Society Special Publication</i> , 1992, 68, 185-208.	0.8	37
404	Mantle and crustal contribution in the genesis of Recent basalts from off-rift zones in Iceland: Constraints from Th, Sr and O isotopes. <i>Earth and Planetary Science Letters</i> , 1992, 110, 149-162.	1.8	81
405	Petrogenesis of the Hercynian Tichka plutonic complex (Western High Atlas, Morocco): Trace element and RbSr and SmNd isotopic constraints. <i>Earth and Planetary Science Letters</i> , 1992, 108, 29-44.	1.8	43
406	The high K <sub>2</sub> O volcanism of northwestern Tibet: Geochemistry and tectonic implications. <i>Earth and Planetary Science Letters</i> , 1992, 111, 351-367.	1.8	224
407	Petrogenesis of plutonic rocks in a Proterozoic granulite-facies terrane – the Bunge Hills, East Antarctica. <i>Chemical Geology</i> , 1992, 97, 163-198.	1.4	83
408	Geochemical evolution of granitoids from the Archean Abitibi Southern Volcanic Zone and the Pontiac subprovince, Superior Province, Canada: Implications for tectonic history and source regions. <i>Chemical Geology</i> , 1992, 98, 23-70.	1.4	124
409	The Northeast Kingdom batholith, Vermont: magmatic evolution and geochemical constraints on the origin of Acadian granitic rocks. <i>Contributions To Mineralogy and Petrology</i> , 1992, 111, 1-23.	1.2	19
410	Mineralogical and geochemical evolution of the 1982-1983 Galunggung eruption (Indonesia). <i>Bulletin of Volcanology</i> , 1992, 54, 284-298.	1.1	34
411	The adaptation of Pearce element ratio diagrams to complex high silica systems. <i>Contributions To Mineralogy and Petrology</i> , 1992, 109, 450-458.	1.2	12
412	Strontium and neodymium isotopic study of the western Mogollon-Datil volcanic region, New Mexico, USA. <i>Contributions To Mineralogy and Petrology</i> , 1992, 109, 459-470.	1.2	9
413	Spatial variations of Sr and Nd isotope ratios of Cretaceous-Paleogene granitoid rocks, Southwest Japan Arc. <i>Contributions To Mineralogy and Petrology</i> , 1992, 112, 165-177.	1.2	104
414	Two-stage contamination during crustal assimilation: isotopic evidence from volcanic rocks in eastern Nevada. <i>Contributions To Mineralogy and Petrology</i> , 1992, 112, 219-229.	1.2	15
415	Selectively contaminated magmas of the Tertiary East Greenland macrodiike complex. <i>Contributions To Mineralogy and Petrology</i> , 1992, 110, 154-172.	1.2	66
416	Petrology of the late-Carboniferous Punta Falcone gabbroic complex, northern Sardinia, Italy. <i>Contributions To Mineralogy and Petrology</i> , 1992, 110, 16-32.	1.2	18



#	ARTICLE	IF	CITATIONS
417	Nd-, Sr-, O-isotopic and chemical evidence for a two-stage contamination history of mantle magma in the Central-Alpine Bergell intrusion. <i>Contributions To Mineralogy and Petrology</i> , 1992, 110, 33-45.	1.2	61
418	Geochemical evolution of Jurassic diorites from the Bristol Lake region, California, USA, and the role of assimilation. <i>Contributions To Mineralogy and Petrology</i> , 1992, 110, 68-86.	1.2	16
419	A detailed Th, Sr and O isotope study of Hekla: differentiation processes in an Icelandic Volcano. <i>Contributions To Mineralogy and Petrology</i> , 1992, 112, 20-34.	1.2	123
420	The La Breiðálfur / El Jagüey Maar Complex, Durango, Mexico: II. Petrology and geochemistry. <i>Bulletin of Volcanology</i> , 1992, 54, 405-428.	1.1	26
421	Petrogenesis and significance of late Caledonian granitoid magmatism in western Norway. <i>Contributions To Mineralogy and Petrology</i> , 1992, 110, 473-487.	1.2	16
422	Sr, Nd and Pb isotopic compositions of calc-alkaline and peralkaline silicic volcanics from the D'Entrecasteaux Islands, Papua New Guinea, and their tectonic significance. <i>Mineralogy and Petrology</i> , 1992, 47, 103-126.	0.4	20
423	Major element compositions and rare-earth element abundances of Cenozoic basalts in eastern China: Implications for a pressure control over LREE/HREE fractionation in continental basalt. <i>Diqiu Huaxue</i> , 1992, 11, 289-313.	0.5	2
424	Flood basalts of the Gedo Region (Southern Somalia): Geology, petrology and isotope geochemistry. <i>Rendiconti Lincei</i> , 1992, 3, 311-334.	1.0	1
425	Application of isotopic doping techniques to evaluation of reaction kinetics and fluid/mineral distribution coefficients: An experimental study of calcite at elevated temperatures and pressures. <i>Chemical Geology</i> , 1992, 97, 125-144.	1.4	32
426	TRAZAS: A program for trace-element modeling of igneous processes. <i>Computers and Geosciences</i> , 1992, 18, 689-696.	2.0	7
427	Composite layering in the Isle au Haut igneous complex, Maine: evidence for periodic invasion of a mafic magma into an evolving magma reservoir. <i>Journal of Volcanology and Geothermal Research</i> , 1992, 51, 41-60.	0.8	33
428	Evolution of calc-alkaline magmas at the early Quaternary Battle Ax volcano, Western Cascade Range, Oregon. <i>Journal of Volcanology and Geothermal Research</i> , 1992, 52, 107-122.	0.8	0
429	Evaluating crustal contamination in continental basalts: the isotopic composition of the Picture Gorge Basalt of the Columbia River Basalt Group. <i>Contributions To Mineralogy and Petrology</i> , 1993, 114, 452-464.	1.2	62
430	The origin of Mount St. Helens andesites. <i>Journal of Volcanology and Geothermal Research</i> , 1993, 55, 271-303.	0.8	75
431	The volcanic and magmatic evolution of Volcán Ollagüe, a high-K, late quaternary stratovolcano in the Andean Central Volcanic Zone. <i>Journal of Volcanology and Geothermal Research</i> , 1993, 54, 221-245.	0.8	37
432	The geochemistry and petrogenesis of basalts from the Taupo Volcanic Zone and Kermadec Island Arc, S.W. Pacific. <i>Journal of Volcanology and Geothermal Research</i> , 1993, 54, 265-290.	0.8	143
433	Trace element behavior in the alkali basalt-comenditic trachyte series from Mururoa Atoll, French Polynesia. <i>Lithos</i> , 1993, 30, 1-22.	0.6	61
434	Magma influx and mixing in the Bjerkreim-Sokndal layered intrusion, South Norway: evidence from the boundary between two megacyclic units at Storeknuten. <i>Lithos</i> , 1993, 29, 311-325.	0.6	28

#	ARTICLE	IF	CITATIONS
435	The Pb isotopic systematics during crustal contamination of subcrustal magmas: the Hercynian magmatism in the Serie dei Laghi (Southern Alps, Italy). <i>Lithos</i> , 1993, 31, 51-61.	0.6	14
436	A Macintosh basic program for the interactive testing of combined assimilation and fractional crystallization. <i>Computers and Geosciences</i> , 1993, 19, 483-492.	2.0	6
437	Early Proterozoic dike swarms from western Uruguay: geochemistry, Sr <sup>87</sup> -Nd isotopes and petrogenesis. <i>Chemical Geology</i> , 1993, 106, 263-277.	1.4	53
438	The quartz-diorites of Limousin: Elemental and isotopic evidence for Devonian-Carboniferous subduction in the Hercynian belt of the French Massif Central. <i>Chemical Geology</i> , 1993, 107, 1-18.	1.4	75
439	Variability of trace elements in basaltic suites. <i>Earth and Planetary Science Letters</i> , 1993, 119, 37-51.	1.8	23
440	High field strength and transition element systematics in island arc and back-arc basin basalts: Evidence for multi-phase melt extraction and a depleted mantle wedge. <i>Earth and Planetary Science Letters</i> , 1993, 114, 491-504.	1.8	565
441	Mesozoic and Cenozoic contributions to crustal growth in the southwestern United States. <i>Earth and Planetary Science Letters</i> , 1993, 118, 75-89.	1.8	23
442	Relative depletion of niobium in some arc magmas and the continental crust: partitioning of K, Nb, La and Ce during melt/rock reaction in the upper mantle. <i>Earth and Planetary Science Letters</i> , 1993, 120, 111-134.	1.8	446
443	Origin of the 3500-3300 Ma calc-alkaline rocks in the Pilbara Archaean: isotopic and geochemical constraints from the Shaw Batholith. <i>Precambrian Research</i> , 1993, 60, 117-149.	1.2	89
444	The petrology, geochemistry and petrogenesis of the Edough igneous rocks, Annaba, NE Algeria. <i>Journal of African Earth Sciences (and the Middle East)</i> , 1993, 17, 111-123.	0.2	14
445	Geochemistry of subsurface Precambrian plutonic rocks from the Brunovistulian complex in the Bohemian massif, Czechoslovakia. <i>Precambrian Research</i> , 1993, 62, 103-125.	1.2	29
446	Association of dolerite and lamprophyre dykes, Jetty Peninsula (Prince Charles Mountains, East Antarctica). <i>Journal of Metamorphic Geology</i> , 1993, 11, 1-13.	0.5	13
447	Differentiation and source of the Nipissing Diabase intrusions, Ontario, Canada. <i>Canadian Journal of Earth Sciences</i> , 1993, 30, 1123-1140.	0.6	30
448	Magmatic differentiation. <i>Journal of the Geological Society</i> , 1993, 150, 611-624.	0.9	35
449	Mantle sources and magma-continental crust interactions during early Red Sea-Gulf of Aden rifting in southern Yemen: Elemental and Sr, Nd, Pb isotope evidence. <i>Journal of Geophysical Research</i> , 1993, 98, 1819-1835.	3.3	59
450	Interactions between mantle-derived magmas and mafic crust, Henry Mountains, Utah. <i>Journal of Geophysical Research</i> , 1993, 98, 1837-1852.	3.3	23
451	Isotopic and geochemical constraints on the origin and evolution of postcollapse rhyolites in the Valles Caldera, New Mexico. <i>Journal of Geophysical Research</i> , 1993, 98, 19723-19739.	3.3	21
452	Sr-Nd-Pb isotope systematics of the Banda Arc, Indonesia: Combined subduction and assimilation of continental material. <i>Journal of Geophysical Research</i> , 1993, 98, 22349-22366.	3.3	129

#	ARTICLE	IF	CITATIONS
453	Siderophile and chalcophile metals as tracers of the evolution of the Siberian Trap in the Noril'sk region, Russia. <i>Geochimica Et Cosmochimica Acta</i> , 1993, 57, 2001-2018.	1.6	179
454	The evolution of a calc-alkaline basic to silicic magma system: Geochemical and Rb-Sr, Sm-Nd, and isotopic evidence from the Late Hercynian Atesina-Cima d'Asta volcano-plutonic complex, northern Italy. <i>Geochimica Et Cosmochimica Acta</i> , 1993, 57, 4285-4300.	1.6	40
455	Magma genesis in an ongoing rifting zone: The Tadjoura Gulf (Afar area). <i>Geochimica Et Cosmochimica Acta</i> , 1993, 57, 2291-2302.	1.6	61
456	Injections multiples de magmas dans un conduit nourricier: implications sur le remplissage des plutons et l'extraction des magmas. <i>Canadian Journal of Earth Sciences</i> , 1993, 30, 124-131.	0.6	6
457	Wallrock Melting and Reaction Effects along the Higganum Diabase Dike in Connecticut: Contamination of a Continental Flood Basalt Feeder. <i>Journal of Petrology</i> , 1993, 34, 1029-1058.	1.1	43
458	Magmatic Evolution of the Ordovician Snowdon Volcanic Centre, North Wales (UK). <i>Journal of Petrology</i> , 1993, 34, 711-741.	1.1	21
459	Trace element and isotopic geochemistry of Cenozoic alkali basaltic lavas from Atakor (Central Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 50	0.5	18
460	Geochemistry and Petrogenesis of Central Lebombo Basalts of the Karoo Igneous Province. <i>Journal of Petrology</i> , 1994, 35, 95-125.	1.1	105
461	Nd isotope chemistry of Tertiary igneous rocks from Arran, Scotland: implications for magma evolution and crustal structure. <i>Geological Magazine</i> , 1994, 131, 329-333.	0.9	14
462	Isotopic and Geochemical Investigation of the Chilwa Island Carbonatite Complex, Malawi: Evidence for a Depleted Mantle Source Region, Liquid Immiscibility, and Open-System Behaviour. <i>Journal of Petrology</i> , 1994, 35, 1597-1621.	1.1	62
463	Open-System, Sub-Volcanic Magmatic Evolution: Constraints on the Petrogenesis of the Mount Brome Alkaline Complex, Canada. <i>Journal of Petrology</i> , 1994, 35, 1127-1153.	1.1	17
464	The Transition to Potassic Alkaline Volcanism in Island Arcs: The Ringgit-Beser Complex, East Java, Indonesia. <i>Journal of Petrology</i> , 1994, 35, 1557-1595.	1.1	106
465	Geochemistry and argon thermochronology of the Variscan Sila Batholith, southern Italy: source rocks and magma evolution. <i>Contributions To Mineralogy and Petrology</i> , 1994, 117, 87-109.	1.2	49
466	Geochemical characterization and origin of granitoids from the South Bohemian Batholith in Lower Austria. <i>Contributions To Mineralogy and Petrology</i> , 1994, 118, 13-32.	1.2	40
467	Assimilation and fractionation in adjacent parts of the same magme chamber: Vandfaldsdalen macrodike, East Greenland. <i>Contributions To Mineralogy and Petrology</i> , 1994, 116, 92-107.	1.2	13
468	Cenozoic alkali basaltic magmas of western Germany and their products of differentiation. <i>Contributions To Mineralogy and Petrology</i> , 1994, 115, 253-278.	1.2	85
469	Nd, Pb and Sr isotopic data from the Napak carbonatite-nephelinite centre, eastern Uganda: an example of open-system crystal fractionation. <i>Contributions To Mineralogy and Petrology</i> , 1994, 115, 356-366.	1.2	52
470	The role of fractional crystallisation, crustal melting and magma mixing in the petrogenesis of rhyolites and mafic inclusion-bearing dacites from the Monte Arci volcanic complex (Sardinia, Italy). <i>Journal of Volcanology and Geothermal Research</i> , 1994, 61, 95-120.	0.8	24

#	ARTICLE	IF	CITATIONS
471	Geochemistry of the 1989-1990 eruption of redoubt volcano: Part I. Whole-rock major- and trace-element chemistry. <i>Journal of Volcanology and Geothermal Research</i> , 1994, 62, 429-452.	0.8	36
472	Mesozoic shoshonite series from Lishui in the Lower Yangtze region, China. <i>Journal of Southeast Asian Earth Sciences</i> , 1994, 10, 263-277.	0.1	2
473	Miocene magnesian andesites and dacites, Evia, Greece: adakites associated with subducting slab detachment and extension. <i>Lithos</i> , 1994, 31, 125-140.	0.6	55
474	Polygenetic nature of the Cima d'Asta intrusive complex, Southern Alps, Italy. Inferences from petrological, geochemical and isotopic (Sr and Nd) data. <i>Lithos</i> , 1994, 32, 47-62.	0.6	6
475	Anatexis, hybridization and the modification of ancient crust: Mesozoic plutonism in the Old Woman Mountains area, California. <i>Lithos</i> , 1994, 32, 111-133.	0.6	38
476	The genesis of felsic-mafic plutonic associations: a Sr and Nd isotopic study of the Hercynian Braga Granitoid Massif (Northern Portugal). <i>Lithos</i> , 1994, 32, 207-223.	0.6	51
477	The size-isotopic evolution connection among layered mafic intrusions: Clues from a Sr-Nd isotopic study of a small complex. <i>Journal of Geophysical Research</i> , 1994, 99, 9441-9451.	3.3	10
478	Chemical evolution and periodic eruption of mafic lava flows in the west moat of Long Valley Caldera, California. <i>Journal of Geophysical Research</i> , 1994, 99, 19829-19842.	3.3	16
479	Early Cretaceous intra-arc ductile strain in Triassic-Jurassic and Cretaceous continental margin arc rocks, Peninsular Ranges, California. <i>Tectonics</i> , 1994, 13, 1108-1119.	1.3	37
480	Petrology of Calc-Alkaline Lavas at Volc�n Ollag�n and the Origin of Compositional Diversity at Central Andean Stratovolcanoes. <i>Journal of Petrology</i> , 1994, 35, 1295-1340.	1.1	120
481	Assessment of a shallow magmatic system: the 1888-90 eruption, Vulcano Island, Italy. <i>Bulletin of Volcanology</i> , 1994, 56, 466-486.	1.1	96
482	Trace element geochemistry of orogenic igneous rocks and crustal growth models. <i>Journal of the Geological Society</i> , 1994, 151, 855-868.	0.9	299
483	Variations in magma source regions during large-scale continental extension, Death Valley region, western United States. <i>Earth and Planetary Science Letters</i> , 1994, 125, 235-254.	1.8	31
484	Evolution of the Laacher See magma chamber: Evidence from SIMS and TIMS measurements of U-Th disequilibria in minerals and glasses. <i>Earth and Planetary Science Letters</i> , 1994, 126, 75-90.	1.8	90
485	Sr-Nd isotope and trace-element geochemistry of late Variscan volcanism in the Pyrenees: Magmatism in post-orogenic extension?. <i>Tectonophysics</i> , 1994, 238, 161-181.	0.9	33
486	Geochemical evolution of the Minto block: a 2.7 Ga continental magmatic arc built on the Superior proto-craton. <i>Precambrian Research</i> , 1994, 65, 115-153.	1.2	52
487	Lithology, chemistry, age, and origin of the Proterozoic Cardenas Basalt, Grand Canyon, Arizona. <i>Precambrian Research</i> , 1994, 65, 255-276.	1.2	36
488	Relationship between Proterozoic dykes and associated volcanic sequences: evidence from the Harp Swarm and Seal Lake Group, Labrador, Canada. <i>Precambrian Research</i> , 1994, 68, 357-374.	1.2	17

#	ARTICLE	IF	CITATIONS
489	The Petrology and Geochemistry of Cone-sheets from the Cuillin Igneous Complex, Isle of Skye: Evidence for Combined Assimilation and Fractional Crystallization during Lithospheric Extension. <i>Journal of Petrology</i> , 1994, 35, 1055-1094.	1.1	24
490	The Role of Accumulation in Forming the Nickeliferous Norite-Diorite Intrusions of the Voronezh Crystalline Massif. <i>International Geology Review</i> , 1994, 36, 587-604.	1.1	4
491	Basalt generation at the Apollo 12 site, Part 2: Source heterogeneity, multiple melts, and crustal contamination. <i>Meteoritics</i> , 1994, 29, 349-361.	1.5	35
492	Geochemistry of Ferrar Dolerite sills and dykes at Terra Cotta Mountain, south Victoria Land, Antarctica. <i>Antarctic Science</i> , 1995, 7, 73-85.	0.5	13
493	The age of the Ritscherflya Supergroup and Borgmassivet Intrusions, Dronning Maud Land, Antarctica. <i>Antarctic Science</i> , 1995, 7, 87-97.	0.5	49
494	Isotopic Disequilibrium among Commingled Hybrid Magmas: Evidence for a Two-Stage Magma Mixing-Commingling Process in the Mt. Perkins Pluton, Arizona. <i>Journal of Geology</i> , 1995, 103, 509-527.	0.7	56
495	Intracrustal Derivation of Na-Rich Andesitic and Dacitic Magmas: An Example from Volcãn Ollagãe, Andean Central Volcanic Zone. <i>Journal of Geology</i> , 1995, 103, 213-225.	0.7	79
496	Isotopic and chemical constraints on the crustal evolution and source signature of Ferrar magmas, north Victoria Land, Antarctica. <i>Contributions To Mineralogy and Petrology</i> , 1995, 121, 217-236.	1.2	61
497	Crustal contamination in early Basin-and-Range hawaiites of the Los Encinos Volcanic Field, central MÃxico. <i>Contributions To Mineralogy and Petrology</i> , 1995, 118, 321-339.	1.2	40
498	Feasibility of AFC models for the petrogenesis of calc-alkaline magma series. <i>Contributions To Mineralogy and Petrology</i> , 1995, 121, 139-147.	1.2	38
499	Geochemical characteristics of lava-field basalts from eastern Australia and inferred sources: Connections with the subcontinental lithospheric mantle?. <i>Contributions To Mineralogy and Petrology</i> , 1995, 121, 148-170.	1.2	99
500	Assessing subcontinental lithospheric mantle sources for basalts: Neogene volcanism in the Pacific Northwest, USA as a test case. <i>Contributions To Mineralogy and Petrology</i> , 1995, 121, 364-379.	1.2	30
501	Nature of mantle source contributions and the role of contamination and in situ crystallisation in the petrogenesis of Proterozoic mafic dykes and flood basalts Labrador. <i>Contributions To Mineralogy and Petrology</i> , 1995, 122, 213-229.	1.2	18
502	Petrological and Sr-Nd evidence bearing on Early Proterozoic magmatic events of the subcontinental mantle: Sao Francisco craton (Uaua, NE-Brazil). <i>Contributions To Mineralogy and Petrology</i> , 1995, 122, 252-261.	1.2	14
503	Oxygen isotope geochemistry of the Mesozoic anorogenic complexes of Damaraland, northwest Namibia: evidence for crustal contamination and its effect on silica saturation. <i>Contributions To Mineralogy and Petrology</i> , 1995, 122, 308-321.	1.2	57
504	Early miocene post-collisional calc-alkaline magmatism along the easternmost segment of the periadriatic fault system (Slovenia and Croatia). <i>Mineralogy and Petrology</i> , 1995, 54, 225-247.	0.4	60
505	Petrology of late proterozoic mafic dikes in the Nico Perez region, central Uruguay. <i>Mineralogy and Petrology</i> , 1995, 55, 239-263.	0.4	29
506	Petrogenesis of the late proterozoic curaiã mafic dyke swarm, Brazil: Asthenospheric magmatism associated with continental collision. <i>Mineralogy and Petrology</i> , 1995, 53, 27-48.	0.4	7

#	ARTICLE	IF	CITATIONS
507	Genesis of the Precambrian copper-rich Caraiba hypersthenite-norite complex, Brazil. <i>Mineralium Deposita</i> , 1995, 30, 351.	1.7	18
508	Abrupt change in magma generation processes across the Central American arc in southeastern Guatemala: flux-dominated melting near the base of the wedge to decompression melting near the top of the wedge. <i>Contributions To Mineralogy and Petrology</i> , 1995, 120, 378-390.	1.2	49
509	Crustal assimilation during turbulent magma ascent (ATA); new isotopic evidence from the Mull Tertiary lava succession, N. W. Scotland. <i>Contributions To Mineralogy and Petrology</i> , 1995, 119, 142-154.	1.2	89
510	Magmatic metasomatism and formation of the Merensky reef, Bushveld Complex. <i>Contributions To Mineralogy and Petrology</i> , 1995, 119, 277-286.	1.2	113
511	Genesis of high Mg# andesites and the continental crust. <i>Contributions To Mineralogy and Petrology</i> , 1995, 120, 1-19.	1.2	607
512	Crustal xenoliths from Calbuco Volcano, Andean Southern Volcanic Zone: implications for crustal composition and magma-crust interaction. <i>Contributions To Mineralogy and Petrology</i> , 1995, 119, 331-344.	1.2	50
513	Geochemical features of collision-related volcanic rocks in central and eastern Anatolia, Turkey. <i>Journal of Volcanology and Geothermal Research</i> , 1995, 64, 171-191.	0.8	173
514	Geochemical variation and magmatic cyclicity within an Ordovician continental-arc volcanic field: the lower Borrowdale Volcanic Group, English Lake District. <i>Journal of Volcanology and Geothermal Research</i> , 1995, 65, 81-110.	0.8	11
515	Petrology and petrogenesis of volcanic rocks from the Taupo Volcanic Zone: a review. <i>Journal of Volcanology and Geothermal Research</i> , 1995, 68, 59-87.	0.8	156
516	Geology, mineralogy and magma evolution of Gunung Slamet Volcano, Java, Indonesia. <i>Journal of Southeast Asian Earth Sciences</i> , 1995, 11, 135-164.	0.1	15
517	Petrogenesis of ultramafic rocks in the Vammala Nickel Belt: Implications for crustal evolution of the early Proterozoic Svecofennian arc terrane. <i>Lithos</i> , 1995, 34, 253-274.	0.6	44
518	Nd, Pb and Sr isotopic data from the Mount Elgon volcano, eastern Uganda-western Kenya: Implications for the origin and evolution of nephelinite lavas. <i>Lithos</i> , 1995, 36, 141-153.	0.6	34
519	Genesis of silicic magmas during tertiary continental rifting in Yemen. <i>Lithos</i> , 1995, 36, 69-83.	0.6	60
520	Geochemistry of mineralised and barren komatiites from the Perseverance nickel deposit, Western Australia. <i>Lithos</i> , 1995, 34, 209-234.	0.6	59
521	Garnet pyroxenite and eclogite in the Bohemian Massif: geochemical evidence for Variscan recycling of subducted lithosphere. <i>Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie</i> , 1995, 84, 489-505.	1.3	69
522	Sr-Nd isotopic constraints on the petrogenesis of the Central Bohemian Pluton, Czech Republic. <i>Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie</i> , 1995, 84, 520-534.	1.3	80
523	Geochemistry of the Active Azufre-Planchon-Peteroa Volcanic Complex, Chile (35°15'S): Evidence for Multiple Sources and Processes in a Cordilleran Arc Magmatic System. <i>Journal of Petrology</i> , 1995, 36, 265-298.	1.1	65
524	Geochemistry of bimodal amphibolitic-felsic gneiss complexes from eastern Massif Central, France. <i>Geological Magazine</i> , 1995, 132, 321-337.	0.9	16

#	ARTICLE	IF	CITATIONS
525	Rapid Temporal Changes in Ocean Island Basalt Composition: Evidence from an 800 m Deep Drill Hole in Eiao Shield (Marquesas). <i>Journal of Petrology</i> , 1995, 36, 1333-1365.	1.1	28
526	Magmatic differentiation. <i>Geological Society Memoir</i> , 1995, 16, 205-218.	0.9	4
527	Geochemistry of the Wrangellia Flood Basalt Province: Implications for the Role of Continental and Oceanic Lithosphere in Flood Basalt Genesis. <i>Journal of Petrology</i> , 1995, 36, 983-1009.	1.1	118
528	A Strontium and Neodymium Isotopic Investigation of the Fongen-Hyllingen Layered Intrusion, Norway. <i>Journal of Petrology</i> , 1995, 36, 161-187.	1.1	37
529	Mylonitic mafic granulite in fault megabreccia at Clarke Head, Nova Scotia: a sample of Avalonian lower crust?. <i>Geological Magazine</i> , 1995, 132, 81-90.	0.9	10
530	Description and Petrogenesis of the Paran Rhyolites, Southern Brazil. <i>Journal of Petrology</i> , 1995, 36, 1193-1227.	1.1	175
531	Geochemical and Nd isotopic systematics of granites from the Arunta Inlier, central Australia: implications for Proterozoic crustal evolution. <i>Precambrian Research</i> , 1995, 71, 265-299.	1.2	88
532	Geochemical characteristics and origin of the Jacupiranga carbonatites, Brazil. <i>Chemical Geology</i> , 1995, 119, 79-99.	1.4	59
533	Geochemistry of pre-Taconian mafic volcanism in the Humber Zone of the northern Appalachians, Québec, Canada. <i>Chemical Geology</i> , 1995, 119, 55-77.	1.4	29
534	The nature of the sub-continental mantle: constraints from the major-element composition of continental flood basalts. <i>Chemical Geology</i> , 1995, 120, 295-314.	1.4	181
535	Isotopic data from the Amba Dongar Carbonatite Complex, west-central India: Evidence for an enriched mantle source. <i>Chemical Geology</i> , 1995, 122, 185-198.	1.4	112
536	Density-controlled assimilation of underplated crust, Ivrea-Verbano zone, Italy. <i>Earth and Planetary Science Letters</i> , 1995, 129, 183-191.	1.8	38
537	Extreme $^{176}\text{Hf}/^{177}\text{Hf}$ in the sub-oceanic mantle. <i>Earth and Planetary Science Letters</i> , 1995, 129, 13-30.	1.8	105
538	Enrichment of the continental lithosphere by OIB melts: Isotopic evidence from the volcanic province of northern Tanzania. <i>Earth and Planetary Science Letters</i> , 1995, 130, 109-126.	1.8	96
539	$^{18}\text{O}/^{16}\text{O}$ isotope geochemistry of silicic lava flows erupted from Volcán Ollagüe, Andean Central Volcanic Zone. <i>Earth and Planetary Science Letters</i> , 1995, 133, 239-254.	1.8	24
540	Effects of mineralogical reactions on trace element redistributions in mantle rocks during percolation processes: A chromatographic approach. <i>Earth and Planetary Science Letters</i> , 1995, 133, 449-461.	1.8	115
541	Isotopic evidence on the origin of compositional layering in an epizonal magma body. <i>Earth and Planetary Science Letters</i> , 1995, 136, 31-41.	1.8	17
542	Genesis of zoned hydrous ultramafic/mafic-silicic intrusive complexes: an MHFC hypothesis. <i>Earth-Science Reviews</i> , 1995, 39, 59-90.	4.0	30

#	ARTICLE	IF	CITATIONS
543	The interplay between crystallization, replenishment and hybridization in large felsic magma chambers. <i>Earth-Science Reviews</i> , 1995, 39, 91-106.	4.0	113
544	Strontium, neodymium, and lead isotopic evidence for the interaction of post-subduction asthenospheric potassic mafic magmas of the Highwood Mountains, Montana, USA, with ancient Wyoming craton lithospheric mantle. <i>Geochimica Et Cosmochimica Acta</i> , 1995, 59, 4539-4556.	1.6	77
545	Petrogenesis and tectonic significance of the calc-alkaline, bimodal Aztec Wash pluton, Eldorado Mountains, Colorado River extensional corridor. <i>Journal of Geophysical Research</i> , 1995, 100, 10453-10476.	3.3	30
546	Experimental generation of hybrid silicic melts by reaction of high-Al basalt with metamorphic rocks. <i>Journal of Geophysical Research</i> , 1995, 100, 15623-15639.	3.3	149
547	Nd and Sr Isotope Systematics of the Active Carbonatite Volcano, Oldoinyo Lengai. <i>IAVCEI Proceedings in Volcanology</i> , 1995, , 100-112.	0.4	24
548	Neodymium isotopic constraints for the origin of Mesoproterozoic felsic magmatism, Gawler Craton, South Australia. <i>Canadian Journal of Earth Sciences</i> , 1995, 32, 460-471.	0.6	49
549	Rhenium concentration and isotope systematics in group IIAB iron meteorites. <i>Geochimica Et Cosmochimica Acta</i> , 1995, 59, 2331-2344.	1.6	98
550	Cenozoic volcanism in Antarctica: Jones Mountains and Peter I Island. <i>Geochimica Et Cosmochimica Acta</i> , 1995, 59, 3379-3388.	1.6	50
551	Crystal retention, fractionation and crustal assimilation in a convecting magma chamber, Nisyros Volcano, Greece. <i>Bulletin of Volcanology</i> , 1995, 56, 601-620.	1.1	85
553	Tholeiitic and high-Mg mafic/ultramafic sills in the Eastern Goldfields Province, Western Australia: Implications for tectonic settings. <i>Australian Journal of Earth Sciences</i> , 1995, 42, 407-422.	0.4	20
554	Nd-Sr isotopic constraints on the interactions of the Intermontane Superterrane with the western edge of North America in the southern Canadian Cordillera. <i>Canadian Journal of Earth Sciences</i> , 1995, 32, 1740-1758.	0.6	61
555	Geochemical evolution of Phanerozoic magmatism in Transbaikalia, East Asia: A key constraint on the origin of K-rich silicic magmas and the process of cratonization. <i>Journal of Geophysical Research</i> , 1995, 100, 15641-15654.	3.3	50
556	Petrology and geochemistry of the ophiolitic and volcanic suites of the Taitao Peninsula Chile triple junction area. <i>Journal of South American Earth Sciences</i> , 1996, 9, 43-58.	0.6	33
557	550-580 Ma magmatism in Cape Breton Island (Nova Scotia, Canada): the product of NW-dipping subduction during the final stage of amalgamation of Gondwana. <i>Precambrian Research</i> , 1996, 76, 93-113.	1.2	25
558	Geochemistry of the Tertiary volcanism of Northern Ireland. <i>Chemical Geology</i> , 1996, 129, 15-38.	1.4	35
559	Sr-Nd isotopic record of multi-stage interactions between mantle-derived magmas and crustal components in a collision context - The ultramafic-granitoid association from Vivero (Hercynian)	1.0	78
560	A strontium and neodymium isotopic investigation of the Laramie anorthosites, Wyoming, USA: Implications for magma chamber processes and the evolution of magma conduits in Proterozoic anorthosites. <i>Geochimica Et Cosmochimica Acta</i> , 1996, 60, 95-107.	1.6	58
561	Diffusivity of strontium, neodymium, and lead in natural rhyolite melt at 1.0 GPa. <i>Geochimica Et Cosmochimica Acta</i> , 1996, 60, 1387-1397.	1.6	26



#	ARTICLE	IF	CITATIONS
562	Degrees of contamination in magmas evolving by assimilation-fractional crystallization. <i>Geochimica Et Cosmochimica Acta</i> , 1996, 60, 2049-2052.	1.6	4
563	Sr—Nd—Pb isotopic and trace element evidence for crustal contamination of plume-derived flood basalts: Oligocene flood volcanism in western Yemen. <i>Geochimica Et Cosmochimica Acta</i> , 1996, 60, 2559-2581.	1.6	131
564	Trace element and isotopic exchange during acid-basic magma interaction processes. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 1996, 87, 225-232.	0.3	103
565	Genetic Significance of Multiple Enclave Types in a Peraluminous Ignimbrite Suite, Lachlan Fold Belt, Australia. <i>Journal of Petrology</i> , 1996, 37, 1385-1408.	1.1	49
566	Evolution of a mafic volcanic field in the central Great Basin, south central Nevada. <i>Journal of Geophysical Research</i> , 1996, 101, 17425-17445.	3.3	35
567	Testing crustal melting models for the origin of flood rhyolites: A Nd-Pb-Sr isotopic study of the Tertiary Davis Mountains volcanic field, west Texas. <i>Journal of Geophysical Research</i> , 1996, 101, 20407-20422.	3.3	18
568	Magmatic evolution of Quaternary mafic magmas at Long Valley Caldera and the Devils Postpile, California: Effects of crustal contamination on lithospheric mantle-derived magmas. <i>Journal of Geophysical Research</i> , 1996, 101, 27673-27689.	3.3	91
569	Oxygen isotope evidence for extensive crustal contamination in the Okenyenya igneous complex, Namibia. <i>Geochimica Et Cosmochimica Acta</i> , 1996, 60, 4497-4508.	1.6	11
570	Major, trace element, and isotopic compositions of Vietnamese basalts: Interaction of hydrous EM1-rich asthenosphere with thinned Eurasian lithosphere. <i>Geochimica Et Cosmochimica Acta</i> , 1996, 60, 4329-4351.	1.6	127
571	U—Pb and Sr isotopic studies on granitoids from Taiwan and Chinmen-Liey and tectonic implications. <i>Tectonophysics</i> , 1996, 263, 61-76.	0.9	53
572	Petrogenesis of a Mesoproterozoic quartz latite-granitoid suite from the Roxby Downs area, South Australia. <i>Precambrian Research</i> , 1996, 79, 371-394.	1.2	67
573	Magma Mixing and the Production of Compositional Variation within Granite Suites: Evidence from the Granites of Southeastern Australia. <i>Journal of Petrology</i> , 1996, 37, 449-470.	1.1	193
574	Temperatures and isotopic evolution of silicic magmas, Taupo Volcanic Zone and Coromandel, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 1996, 39, 353-362.	1.0	10
575	Nature and evolution of the eastern margin of Iapetus: geochemical and isotopic constraints from Siluro-Devonian granitoid plutons in the New Brunswick Appalachians. <i>Canadian Journal of Earth Sciences</i> , 1996, 33, 140-155.	0.6	41
576	Compositional variation within granite suites of the Lachlan Fold Belt: its causes and implications for the physical state of granite magma. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 1996, 87, 159-170.	0.3	40
577	Two centuries after Hutton's "Theory of the Earth": the status of granite science. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 1996, 87, 353-359.	0.3	8
578	Geochemical effects of decoupled fractional crystallization and crustal assimilation. <i>Lithos</i> , 1996, 37, 293-307.	0.6	52
579	Role of the subducted slab, mantle wedge and continental crust in the generation of adakites from the Andean Austral Volcanic Zone. <i>Contributions To Mineralogy and Petrology</i> , 1996, 123, 263-281.	1.2	923

#	ARTICLE	IF	CITATIONS
580	Generation of voluminous silicic magmas and formation of mid-Cenozoic crust beneath north-central Mexico: evidence from ignimbrites, associated lavas, deep crustal granulites, and mantle pyroxenites. Contributions To Mineralogy and Petrology, 1996, 123, 375-389.	1.2	47
581	Nd and Sr isotopic geochemistry of mafic layered intrusions in the eastern Baltic shield: implications for the evolution of Paleoproterozoic continental mafic magmas. Contributions To Mineralogy and Petrology, 1996, 124, 255-272.	1.2	93
582	Indirect crustal contamination: evidence from isotopic and chemical disequilibria in minerals from alkali basalts and nephelinites from northern Tanzania. Contributions To Mineralogy and Petrology, 1996, 125, 277-292.	1.2	30
583	Plagioclase zonation styles in hornblende gabbro inclusions from Little Glass Mountain, Medicine Lake volcano, California: implications for fractionation mechanisms and the formation of composition gaps. Contributions To Mineralogy and Petrology, 1996, 126, 121-136.	1.2	61
584	Mixed Caledonian appinite magmas: implications for lamprophyre fractionation and high Ba-Sr granite genesis. Contributions To Mineralogy and Petrology, 1996, 126, 199-215.	1.2	133
585	Trace element and isotopic exchange during acidâ€“basic magma interaction processes. , 1996, , .		1
586	Origin of the RÃo Verde Batholith, Southern Mexico, as Inferred from its Geochemical Characteristics. International Geology Review, 1996, 38, 361-373.	1.1	13
587	Evidence for Multiple Mechanisms of Crustal Contamination of Magma from Compositionally Zoned Plutons and Associated Ultramafic Intrusions of the Alaska Range. Journal of Petrology, 1996, 37, 261-292.	1.1	40
588	The Arc Lavas of the Shirahama Group, Japan: Sr and Nd Isotopic Data Indicate Mantle-Derived Bimodal Magmatism. Journal of Petrology, 1996, 37, 1307-1319.	1.1	29
589	Petrology of Mafic Plutons Associated with Calc-Alkaline Granitoids, Chilliwack Batholith, North Cascades, Washington. Journal of Petrology, 1996, 37, 1409-1436.	1.1	24
590	Isotope and Trace Element Geochemistry of Augustine Volcano, Alaska: Implications for Magmatic Evolution. Journal of Petrology, 1996, 37, 95-115.	1.1	23
591	Two centuries after Hutton's â€“Theory of the Earthâ€“: the status of granite science. , 1996, , .		3
592	Crustal Assimilation as a Major Petrogenetic Process in the East Carpathian Neogene and Quaternary Continental Margin Arc, Romania. Journal of Petrology, 1996, 37, 927-959.	1.1	106
593	Trace Element and Isotope Geochemistry of the Volcanic Rocks of Bequia, Grenadine Islands, Lesser Antilles Arc: a Study of Subduction Enrichment and Intra-crustal Contamination. Journal of Petrology, 1996, 37, 117-143.	1.1	68
594	Compositional variation within granite suites of the Lachlan Fold Belt: its causes and implications for the physical state of granite magma. , 1996, , .		11
595	Crustal assimilation in the Burnt Lake metavolcanics, Grenville Province, southeastern Ontario, and its tectonic significance. Canadian Journal of Earth Sciences, 1997, 34, 1272-1285.	0.6	9
596	Petrogenesis of Tertiary Andesite Lava Flows Interlayered with Large-Volume Felsic Ash-Flow Tuffs of the Western USA. Journal of Petrology, 1997, 38, 1021-1046.	1.1	9
598	Petrogenesis of Quaternary Intraplate Volcanism, Sana'a, Yemen: Implications for Plume-Lithosphere Interaction and Polybaric Melt Hybridization. Journal of Petrology, 1997, 38, 1359-1390.	1.1	195

#	ARTICLE	IF	CITATIONS
599	The Nature and Origin of Granite. , 1997, , .		115
600	Crustal Origin for the Parana Rhyolites: Discussion of 'Description and Petrogenesis of the Parana Rhyolites, Southern Brazil' by Garland et al. (1995). <i>Journal of Petrology</i> , 1997, 38, 299-302.	1.1	19
601	A review of melt migration processes in the adiabatically upwelling mantle beneath oceanic spreading ridges. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 1997, 355, 283-318.	1.6	590
602	Petrogenesis of a Phonolite-Trachyte Succession at Mount Sidley, Marie Byrd Land, Antarctica. <i>Journal of Petrology</i> , 1997, 38, 1225-1253.	1.1	88
603	A plate model for the simulation of trace element fractionation during partial melting and magma transport in the Earth's upper mantle. <i>Journal of Geophysical Research</i> , 1997, 102, 24771-24784.	3.3	173
604	Trace element disequilibria and magnesium isotope heterogeneity in 3655A: Evidence for a complex multi-stage evolution of a typical Allende Type B1 CAI. <i>Geochimica Et Cosmochimica Acta</i> , 1997, 61, 1541-1561.	1.6	23
605	Geochemical modeling of nonsteady-state magma chambers: A case study from an ultrafast spreading ridge, East Pacific Rise, 17°19'S. <i>Geochimica Et Cosmochimica Acta</i> , 1997, 61, 4367-4374.	1.6	10
606	Isotopic and geochemical evidence for crust-mantle interaction during late Archaean crustal growth. <i>Geochimica Et Cosmochimica Acta</i> , 1997, 61, 4809-4829.	1.6	61
607	Origin of the granodiorite in the forearc region of southwest Japan: Melting of the Shimanto accretionary prism. <i>Chemical Geology</i> , 1997, 134, 237-255.	1.4	58
608	Complex trace-element effects of mixing-fractional crystallization composite processes: applications to the Alaer granite pluton, Altay Mountains, Xinjiang, northwestern China. <i>Chemical Geology</i> , 1997, 135, 103-124.	1.4	30
609	An oxygen isotope study of the Lower Mafic Succession of the Darwendale Subchamber of the Great Dyke, Zimbabwe. <i>Chemical Geology</i> , 1997, 135, 293-305.	1.4	12
610	Crustal interaction during construction of ocean islands: Pb-Sr-Nd-O isotope geochemistry of the shield basalts of Gran Canaria, Canary Islands. <i>Chemical Geology</i> , 1997, 135, 233-262.	1.4	97
611	Nd-Sr-Pb isotopic, and major- and trace-element geochemistry of Cenozoic lavas from the Khorat Plateau, Thailand: sources and petrogenesis. <i>Chemical Geology</i> , 1997, 137, 175-193.	1.4	58
612	The Wiley Glacier complex, Antarctic Peninsula: pluton growth by pulsing of granitoid magmas. <i>Chemical Geology</i> , 1997, 143, 65-80.	1.4	12
613	Isotope disequilibrium during anatexis: a case study of contact melting, Sierra Nevada, California. <i>Earth and Planetary Science Letters</i> , 1997, 148, 273-285.	1.8	55
614	Melt migration and mantle chromatography, 1: simplified theory and conditions for chemical and isotopic decoupling. <i>Earth and Planetary Science Letters</i> , 1997, 153, 1-19.	1.8	49
615	Potassic mafic magmatism in the Kigluaiik gneiss dome, northern Alaska: A geochemical study of arc magmatism in an extensional tectonic setting. <i>Journal of Geophysical Research</i> , 1997, 102, 8065-8084.	3.3	22
616	Volcanological and petrological evolution of Vulcano island (Aeolian Arc, southern Tyrrhenian Sea). <i>Journal of Geophysical Research</i> , 1997, 102, 8021-8050.	3.3	161

#	ARTICLE	IF	CITATIONS
617	Arc-like mid-ocean ridge basalt formed seaward of a trench-forearc system just prior to ridge subduction: An example from subaccreted ophiolites in southern Alaska. <i>Journal of Geophysical Research</i> , 1997, 102, 10225-10243.	3.3	43
618	The Chengwatana Volcanics, Wisconsin and Minnesota: petrogenesis of the southernmost volcanic rocks exposed in the Midcontinent rift. <i>Canadian Journal of Earth Sciences</i> , 1997, 34, 536-548.	0.6	22
619	Geochemical and Sr <sup>87</sup> -Nd isotopic study of charnockites and related rocks in the northern Prince Charles Mountains, East Antarctica: implications for charnockite petrogenesis and proterozoic crustal evolution. <i>Precambrian Research</i> , 1997, 81, 37-66.	1.2	85
620	Geochemical and Sm <sup>147</sup> -Nd isotopic study of Neoproterozoic ophiolites from southeastern China: petrogenesis and tectonic implications. <i>Precambrian Research</i> , 1997, 81, 129-144.	1.2	134
621	Sm <sup>147</sup> -Nd, Pb <sup>210</sup> -Pb and Rb <sup>87</sup> -Sr geochronology and petrogenesis of the mafic dyke swarm of Mahbubnagar, South India: implications for Paleoproterozoic crustal evolution of the Eastern Dharwar Craton. <i>Precambrian Research</i> , 1997, 84, 181-196.	1.2	67
622	Cognate gabbroic xenoliths from a tholeiitic subvolcanic sill complex: Implications for fractional crystallization and crustal contamination processes. <i>Mineralogical Magazine</i> , 1997, 61, 329-349.	0.6	14
623	The Matsue Formation: Evidence for gross mantle heterogeneity beneath Southwest Japan at 11 Ma. <i>Island Arc</i> , 1997, 6, 337-352.	0.5	8
624	Petrology and geochemistry of the ultrapotassic rocks from the Sabatini Volcanic District, central Italy: the role of evolutionary processes in the genesis of variably enriched alkaline magmas. <i>Journal of Volcanology and Geothermal Research</i> , 1997, 75, 107-136.	0.8	91
625	Significance of crustal and source region processes on the evolution of compositionally similar calc-alkaline lavas, Mt. Hood, Oregon. <i>Journal of Volcanology and Geothermal Research</i> , 1997, 76, 229-249.	0.8	12
626	High-Mg subduction-related Tertiary basalts in Sardinia, Italy. <i>Lithos</i> , 1997, 40, 69-91.	0.6	57
627	Petrogenesis of coexisting SiO <sub>2</sub> -undersaturated to SiO <sub>2</sub> -oversaturated felsic igneous rocks: The alkaline complex of Itatiaia, southeastern Brazil. <i>Lithos</i> , 1997, 40, 133-156.	0.6	60
628	Crust-mantle interaction in the evolution of the Ilímaussaq Complex, South Greenland: Nd isotopic studies. <i>Lithos</i> , 1997, 40, 189-202.	0.6	53
629	Major and trace element, and Sr-Nd isotope constraints on the origin of Paleogene volcanism in South China prior to the South China Sea opening. <i>Lithos</i> , 1997, 40, 203-220.	0.6	97
630	REE geochemistry of some alkali-rich intrusive rocks in China. <i>Science in China Series D: Earth Sciences</i> , 1997, 40, 145-158.	0.9	11
631	Magmatic modification of the uppermost mantle beneath the Basin and Range to Colorado Plateau Transition Zone; Evidence from xenoliths, Wikieup, Arizona. <i>Contributions To Mineralogy and Petrology</i> , 1997, 128, 52-65.	1.2	16
632	The generation of sodic granite magmas, western Palmer Land, Antarctic Peninsula. <i>Contributions To Mineralogy and Petrology</i> , 1997, 128, 81-96.	1.2	85
633	Correction to Roberts and Clemens (1995) "Feasibility of AFC models for the petrogenesis of calc-alkaline magma series". <i>Contributions To Mineralogy and Petrology</i> , 1997, 128, 97-99.	1.2	4
634	Geochemistry of Tertiary tholeiites and picrites from Qeqertarsuaq (Disko Island) and Nuussuaq, West Greenland with implications for the mineral potential of comagmatic intrusions. <i>Contributions To Mineralogy and Petrology</i> , 1997, 128, 139-163.	1.2	61

#	ARTICLE	IF	CITATIONS
635	Nd and Sr isotopic constraints on the origin of igneous rocks resulting from the opening of the Japan Sea, southwestern Japan. <i>Contributions To Mineralogy and Petrology</i> , 1997, 129, 75-86.	1.2	9
636	Low-potassium vaugnerites from Guizhou (Massif Central, France). Mafic magma evolution influenced by contemporaneous granitoids. <i>Mineralogy and Petrology</i> , 1997, 59, 165-187.	0.4	8
637	The importance of different types of magmatism in VHMS mineralisation: evidence from the geochemistry of the host volcanic rocks to the Benambra massive sulphide deposits, Victoria, Australia. <i>Mineralogy and Petrology</i> , 1997, 59, 251-286.	0.4	5
638	Cretaceous alkaline lamprophyres from northeastern Czech Republic: geochemistry and petrogenesis. <i>Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie</i> , 1998, 87, 67-77.	1.3	47
639	Crustal origin of Hercynian peraluminous granitic batholiths of Central Spain: petrological, geochemical and isotopic (Sr, Nd) constraints. <i>Lithos</i> , 1998, 43, 55-79.	0.6	159
640	Sr, Nd, and Pb isotope evidence for open system evolution at Vulcano, Aeolian Arc, Italy. <i>Lithos</i> , 1998, 43, 81-106.	0.6	58
641	Petrology and geochemistry of ultrapotassic rocks from the Montefiascone Volcanic Complex (Central Italy): magmatic evolution and petrogenesis. <i>Lithos</i> , 1998, 43, 169-195.	0.6	40
642	Petrogenesis of the Paleoproterozoic basalt-andesite-rhyolite dyke association in the Carajás region, Amazonian craton. <i>Lithos</i> , 1998, 43, 235-265.	0.6	29
643	Alkali-calcic and alkaline post-orogenic (PO) granite magmatism: petrologic constraints and geodynamic settings. <i>Lithos</i> , 1998, 45, 45-70.	0.6	240
644	Shoshonitic liquid line of descent from diorite to granite: the Late Precambrian post-collisional Tismana pluton (South Carpathians, Romania). <i>Lithos</i> , 1998, 45, 281-303.	0.6	59
645	The Variscan post-collisional volcanism in Late Carboniferous-Permian sequences of Ligurian Alps, Southern Alps and Sardinia (Italy): a synthesis. <i>Lithos</i> , 1998, 45, 305-328.	0.6	110
646	Origin and significance of the Permian high-K calc-alkaline magmatism in the central-eastern Southern Alps, Italy. <i>Lithos</i> , 1998, 45, 329-348.	0.6	113
647	Isotope (Sr, Nd, Pb, O) and trace-element geochemistry of volcanics from the Erta' Ale range (Ethiopia). <i>Journal of Volcanology and Geothermal Research</i> , 1998, 80, 85-100.	0.8	76
648	Sr-Nd isotopic and chemical characteristics of the silicic magma reservoir of the Aira pyroclastic eruption, southern Kyushu, Japan. <i>Journal of Volcanology and Geothermal Research</i> , 1998, 80, 179-194.	0.8	25
649	Petrological and geochemical characteristics of Cenozoic high-K calc-alkaline volcanism in Konya, Central Anatolia, Turkey. <i>Journal of Volcanology and Geothermal Research</i> , 1998, 85, 327-354.	0.8	84
650	Volcano-stratigraphy and geochemistry of collision-related volcanism on the Erzurum-Kars Plateau, northeastern Turkey. <i>Journal of Volcanology and Geothermal Research</i> , 1998, 85, 355-404.	0.8	223
651	Major-element, trace-element, and Sr-Nd isotopic geochemistry and genesis of Varto (Muş) volcanic rocks, Eastern Turkey. <i>Journal of Volcanology and Geothermal Research</i> , 1998, 85, 405-422.	0.8	53
652	Ignimbrites of Cappadocia (Central Anatolia, Turkey): petrology and geochemistry. <i>Journal of Volcanology and Geothermal Research</i> , 1998, 85, 447-471.	0.8	130

#	ARTICLE	IF	CITATIONS
653	Geochemical approach to magmatic evolution of Mt. Erciyes stratovolcano Central Anatolia, Turkey. <i>Journal of Volcanology and Geothermal Research</i> , 1998, 85, 473-494.	0.8	57
654	Intracrustal origin of Arenal basaltic andesite in the light of solidâ€melt interactions and related compositional buffering. <i>Journal of Volcanology and Geothermal Research</i> , 1998, 86, 277-310.	0.8	22
655	The Hohonu Batholith of North Westland, New Zealand: granitoid compositions controlled by source H <sub>2</sub> O contents and generated during tectonic transition. <i>Contributions To Mineralogy and Petrology</i> , 1998, 130, 225-239.	1.2	72
656	Melt/harzburgite reaction in the petrogenesis of tholeiitic magma from Kilauea volcano, Hawaii. <i>Contributions To Mineralogy and Petrology</i> , 1998, 131, 1-12.	1.2	81
657	Jadeite, albite and nepheline as inclusions in spinel of chromitite from Hess Deep, equatorial Pacific: their genesis and implications for serpentinite diapir formation. <i>Contributions To Mineralogy and Petrology</i> , 1998, 131, 111-122.	1.2	38
658	The petrogenesis of Tertiary cone-sheets in Ardnamurchan, NW Scotland: petrological and geochemical constraints on crustal contamination and partial melting. <i>Contributions To Mineralogy and Petrology</i> , 1998, 131, 196-209.	1.2	18
659	Geochemistry of mafic dykes in the Antarctic Peninsula continental-margin batholith: a record of arc evolution. <i>Contributions To Mineralogy and Petrology</i> , 1998, 131, 289-305.	1.2	42
660	Geochemical constraints on the origin of mafic and silicic magmas at CordÃ³n El Guadal, Tatara-San Pedro Complex, central Chile. <i>Contributions To Mineralogy and Petrology</i> , 1998, 131, 393-411.	1.2	39
661	Petrogenesis of late stage magmatism at Hold with Hope, East Greenland. <i>Contributions To Mineralogy and Petrology</i> , 1998, 133, 51-59.	1.2	5
662	Mildly alkaline basalts from Pavagadh Hill, India: Deccan flood basalts with an asthenospheric origin. <i>Mineralogy and Petrology</i> , 1998, 62, 223-245.	0.4	23
663	Neoproterozoic dyke swarms from southern Sinai (Egypt): geochemistry and petrogenetic aspects. <i>Journal of African Earth Sciences</i> , 1998, 26, 49-64.	0.9	21
664	Geochemistry and petrology of 2.40â€2.45Ga magmatic rocks in the north-western Belomorian Belt, Fennoscandian Shield, Russia. <i>Precambrian Research</i> , 1998, 92, 223-250.	1.2	46
665	The geochemistry of olivine-hosted melt inclusions in a FAMOUS basalt ALV519-4-1. <i>Physics of the Earth and Planetary Interiors</i> , 1998, 107, 183-201.	0.7	104
666	Neodymium and strontium isotopic and trace element composition of a Mesozoic CFB suite from Dronning Maud Land, Antarctica: implications for lithosphere and asthenosphere contributions to Karoo magmatism. <i>Geochimica Et Cosmochimica Acta</i> , 1998, 62, 2701-2714.	1.6	57
667	Re-Os, Sm-Nd, and Pb isotopic constraints on mantle and crustal contributions to magmatic sulfide mineralization in the Duluth Complex. <i>Geochimica Et Cosmochimica Acta</i> , 1998, 62, 3349-3365.	1.6	73
668	Trace element and isotope evolution during concurrent assimilation, fractional crystallization, and liquid immiscibility of a carbonated silicate magma. <i>Geochimica Et Cosmochimica Acta</i> , 1998, 62, 3301-3306.	1.6	22
669	Quantitative strontium isotope models for weathering, pedogenesis and biogeochemical cycling. <i>Geoderma</i> , 1998, 82, 173-195.	2.3	101
670	A deep mantle source for carbonatite magmatism: evidence from the nephelinites and carbonatites of the Buhera district, SE Zimbabwe. <i>Earth and Planetary Science Letters</i> , 1998, 158, 131-142.	1.8	58

#	ARTICLE	IF	CITATIONS
671	Oxygen isotope geochemistry of lavas from an oceanic to continental arc transition, Kermadec–Hikurangi margin, SW Pacific. <i>Earth and Planetary Science Letters</i> , 1998, 160, 609-621.	1.8	50
672	Post-breakup basaltic magmatism along the East Greenland Tertiary rifted margin. <i>Earth and Planetary Science Letters</i> , 1998, 160, 845-862.	1.8	45
673	Low-18O silicic magmas: why are they so rare?. <i>Earth and Planetary Science Letters</i> , 1998, 162, 123-136.	1.8	45
674	U–Th–Pa–Ra systematics for the Grande Comore volcanics: melting processes in an upwelling plume. <i>Earth and Planetary Science Letters</i> , 1998, 164, 119-133.	1.8	68
675	Silica enrichment in the continental upper mantle via melt/rock reaction. <i>Earth and Planetary Science Letters</i> , 1998, 164, 387-406.	1.8	476
676	Isotopic (O, Sr, Nd) and trace element geochemistry of the Laouni layered intrusions (Pan-African belt, Tj ETQq1 1 0.784314 rgBT /Over by continental crust. <i>Lithos</i> , 1998, 45, 197-222.	0.6	37
677	Volcanic Plumbing and the Space Problem—Thermal and Geochemical Consequences of Large-Scale Assimilation in Ocean Island Development. <i>Journal of Petrology</i> , 1998, 39, 1077-1089.	1.1	27
678	The Loch Scridain Xenolithic Sill Complex, Isle of Mull, Scotland: Fractional Crystallization, Assimilation, Magma-Mixing and Crustal Anatexis in Subvolcanic Conduits. <i>Journal of Petrology</i> , 1998, 39, 519-550.	1.1	33
679	Eocene Challis-Kamloops volcanism in central British Columbia: an example from the Buck Creek basin. <i>Canadian Journal of Earth Sciences</i> , 1998, 35, 951-963.	0.6	18
680	Lead isotopic evidence for synextensional lithospheric ductile flow in the Colorado River extensional corridor, western United States. <i>Journal of Geophysical Research</i> , 1998, 103, 2515-2528.	3.3	3
681	Influence of spreading rate and magma supply on crystallization and assimilation beneath mid-ocean ridges: Evidence from chlorine and major element chemistry of mid-ocean ridge basalts. <i>Journal of Geophysical Research</i> , 1998, 103, 18325-18356.	3.3	291
682	Reactive Melt Transport in the Mantle and Geochemical Signatures of Mantle-derived Magmas. <i>Journal of Petrology</i> , 1998, 39, 1039-1061.	1.1	54
683	Genesis of Evolved Ocean Island Magmas by Deep- and Shallow-Level Basement Recycling, Socorro Island, Mexico: Constraints from Th and other Isotope Signatures. <i>Journal of Petrology</i> , 1998, 39, 995-1008.	1.1	36
684	Intracrustal Controls on the Coexistence of Tholeiitic and Calc-alkaline Magma Series at Aso Volcano, SW Japan. <i>Journal of Petrology</i> , 1998, 39, 1255-1284.	1.1	69
685	Geochemistry of Basalt from Escanaba Trough: Evidence for Sediment Contamination. <i>Journal of Petrology</i> , 1998, 39, 841-858.	1.1	13
686	The Generation of Potassic Lavas from the Eastern Virunga Province, Rwanda. <i>Journal of Petrology</i> , 1998, 39, 1223-1247.	1.1	118
687	French Creek Granite and Hohonu Dyke Swarm, South Island, New Zealand: Late Cretaceous alkaline magmatism and the opening of the Tasman Sea*. <i>Australian Journal of Earth Sciences</i> , 1998, 45, 823-835.	0.4	44
688	Petrogenesis of Cenozoic Basalts from Vietnam: Implication for Origins of a 'Diffuse Igneous Province'. <i>Journal of Petrology</i> , 1998, 39, 369-395.	1.1	162

#	ARTICLE	IF	CITATIONS
689	Isotopic Constraints on the Petrogenesis of Jurassic Plutons, Southeastern California. <i>International Geology Review</i> , 1998, 40, 257-278.	1.1	7
690	On the nature of the parental magma of the Palaeogene Staffa Magma sub-type, Isle of Mull, Scotland. <i>Transactions of the Royal Society of Edinburgh: Earth Sciences</i> , 1998, 89, 87-93.	1.0	6
691	A review of melt migration processes in the adiabatically upwelling mantle beneath oceanic spreading ridges. , 1999, , 67-102.		1
692	Geochemistry and petrogenesis of Jeungok basalts in mid-Korean peninsula.. <i>Journal of Mineralogy, Petrology and Economic Geology</i> , 1999, 94, 222-240.	0.1	5
693	Geochemistry of Mafic Magmas in the Hurricane Volcanic Field, Utah: Implications for Small- and Large-scale Chemical Variability of the Lithospheric Mantle. <i>Journal of Geology</i> , 1999, 107, 433-448.	0.7	183
694	The Petrology of Mullite-bearing Peraluminous Xenoliths: Implications for Contamination Processes in Basaltic Magmas. <i>Journal of Petrology</i> , 1999, 40, 549-573.	1.1	36
695	Assimilation of Crustal Xenoliths in a Basaltic Magma Chamber: Sr and Nd Isotopic Constraints from the Hasvik Layered Intrusion, Norway. <i>Journal of Petrology</i> , 1999, 40, 363-380.	1.1	44
696	400 my of Basic Magmatism in a Single Lithospheric Block during Cratonization: Ion Microprobe Study of Plagioclase Megacrysts in Mafic Rocks from Transbaikalia, Russia. <i>Journal of Petrology</i> , 1999, 40, 807-830.	1.1	6
697	Magmatism Associated with Orogenic Collapse of the Betic-Alboran Domain, SE Spain. <i>Journal of Petrology</i> , 1999, 40, 1011-1036.	1.1	274
698	Mantle source heterogeneity in the Campanian Region (South Italy) as inferred from geochemical and isotopic features of mafic volcanic rocks with shoshonitic affinity. <i>Mineralogy and Petrology</i> , 1999, 67, 163-192.	0.4	78
699	Petrogenesis of contrasting granitoid plutons in western Bohemia (Czech Republic). <i>Mineralogy and Petrology</i> , 1999, 65, 207-235.	0.4	18
700	Mingling in the magmatic system of ischia (Italy) in the past 5 ka. <i>Mineralogy and Petrology</i> , 1999, 66, 227-258.	0.4	50
701	Magma plumbing system beneath Ontake Volcano, central Japan. <i>Island Arc</i> , 1999, 8, 1-29.	0.5	22
702	Petrology of the Alkaline Core of the Messum Igneous Complex, Namibia: Evidence for the Progressively Decreasing Effect of Crustal Contamination. <i>Journal of Petrology</i> , 1999, 40, 1377-1397.	1.1	68
703	Oxygen and hydrogen isotopic compositions of coexistent minerals of the Tasigake alkali granite pluton, northern Xinjiang: constraints upon the cause of $^{18}\text{O}$ depletion and the $^{18}\text{O}/^{16}\text{O}$ exchange kinetics. <i>Science Bulletin</i> , 1999, 44, 1086-1093.	1.7	5
704	Plutonism in the Variscan Odenwald (Germany): from subduction to collision. <i>International Journal of Earth Sciences</i> , 1999, 88, 422-443.	0.9	84
705	Petrology and geochemistry of Camiguin Island, southern Philippines: insights to the source of adakites and other lavas in a complex arc setting. <i>Contributions To Mineralogy and Petrology</i> , 1999, 134, 33-51.	1.2	917
706	Silicic magmas from the continental Cameroon Volcanic Line (Oku, Bambouto and Ngaoundere): 40 Ar-39 Ar dates, petrology, Sr-Nd-O isotopes and their petrogenetic significance. <i>Contributions To Mineralogy and Petrology</i> , 1999, 135, 133-150.	1.2	114



#	ARTICLE	IF	CITATIONS
707	Enriched mantle - Dupal signature in the genesis of the Jurassic Ferrar tholeiites from Prince Albert Mountains (Victoria Land, Antarctica). <i>Contributions To Mineralogy and Petrology</i> , 1999, 136, 1-19.	1.2	44
708	Interaction between crustal-derived felsic and mantle-derived mafic magmas in the Oberkirch Pluton (European Variscides, Schwarzwald, Germany). <i>Contributions To Mineralogy and Petrology</i> , 1999, 137, 304-322.	1.2	45
709	Origin and interaction of mafic and felsic magmas in an evolving late orogenic setting: the Early Paleozoic Terra Nova Intrusive Complex, Antarctica. <i>Contributions To Mineralogy and Petrology</i> , 1999, 137, 15-35.	1.2	46
710	Assimilation of ocean crust by hawaiitic and mugearitic magmas: an example from Eiao (Marquesas). <i>Lithos</i> , 1999, 46, 235-258.	0.6	34
711	Geochemical modeling of acidâ€“basic magma interaction in the Sardiniaâ€“Corsica Batholith: the case study of Sarrabus, southeastern Sardinia, Italy. <i>Lithos</i> , 1999, 46, 553-571.	0.6	34
712	Sr and O isotope constraints on source and crustal contamination in the high-K calc-alkaline and shoshonitic neogene volcanic rocks of SE Spain. <i>Lithos</i> , 1999, 46, 773-802.	0.6	139
713	The Sr, Nd and O isotopic studies of the 1991â€“1995 eruption at Unzen, Japan. <i>Journal of Volcanology and Geothermal Research</i> , 1999, 89, 243-253.	0.8	20
714	Sangay volcano, Ecuador: structural development, present activity and petrology. <i>Journal of Volcanology and Geothermal Research</i> , 1999, 90, 49-79.	0.8	60
715	Phase equilibria modeling in igneous petrology: use of COMAGMAT model for simulating fractionation of ferro-basaltic magmas and the genesis of high-alumina basalt. <i>Journal of Volcanology and Geothermal Research</i> , 1999, 90, 115-162.	0.8	95
716	Chemical and Sr-isotopic evolution of the Phlegraean magmatic system before the Campanian Ignimbrite and the Neapolitan Yellow Tuff eruptions. <i>Journal of Volcanology and Geothermal Research</i> , 1999, 91, 141-166.	0.8	207
717	The present state of the magmatic system of the Campi Flegrei caldera based on a reconstruction of its behavior in the past 12 ka. <i>Journal of Volcanology and Geothermal Research</i> , 1999, 91, 247-268.	0.8	137
718	Geochemistry of evolved magmas and their relationship to subduction-unrelated mafic volcanism at the volcanic front of the central Mexican Volcanic Belt. <i>Journal of Volcanology and Geothermal Research</i> , 1999, 93, 151-171.	0.8	70
719	Petrogenesis of Boninites from the Betts Cove Ophiolite, Newfoundland, Canada: Identification of Subducted Source Components. <i>Journal of Petrology</i> , 1999, 40, 1853-1889.	1.1	235
720	Os Isotope Systematics in the Canary Islands and Madeira: Lithospheric Contamination and Mantle Plume Signatures. <i>Journal of Petrology</i> , 1999, 40, 279-296.	1.1	141
721	Petrogenesis of High-K Arc Magmas: Evidence from Egmont Volcano, North Island, New Zealand. <i>Journal of Petrology</i> , 1999, 40, 167-197.	1.1	104
722	Melt Migration under Oceanic Ridges: Inferences from Reactive Transport Modelling of Upper Mantle Hosted Dunites. <i>Journal of Petrology</i> , 1999, 40, 575-599.	1.1	102
723	Field, geochemical, and isotopic evidence for magma mixing and assimilation and fractional crystallization processes in the Quottoon Igneous Complex, northwestern British Columbia and southeastern Alaska. <i>Canadian Journal of Earth Sciences</i> , 1999, 36, 819-831.	0.6	23
724	Trace element systematics of ultramafic and mafic volcanic rocks from the 3Ga North Caribou greenstone belt, northwestern Superior Province. <i>Precambrian Research</i> , 1999, 93, 257-279.	1.2	71

#	ARTICLE	IF	CITATIONS
725	Assimilationâ€“fractional crystallization origin of Archean Sanukitoid Suites: Western Superior Province, Canada. <i>Precambrian Research</i> , 1999, 96, 83-99.	1.2	137
726	Petrology and geochemistry of late-stage intrusions of the A-type, mid-Proterozoic Pikes Peak batholith (Central Colorado, USA): implications for petrogenetic models. <i>Precambrian Research</i> , 1999, 98, 271-305.	1.2	163
727	Geochemistry and geodynamic setting of volcanic and plutonic rocks associated with Early Archaean volcanogenic massive sulphide mineralization, Pilbara Craton. <i>Precambrian Research</i> , 1999, 98, 243-270.	1.2	40
728	Petrogenesis of an 800 m lava sequence in eastern Uruguay: insights into magma chamber processes beneath the ParanÃ¡ flood basalt province. <i>Journal of Geodynamics</i> , 1999, 28, 471-487.	0.7	19
729	The composition and thickness of the crust of Mars estimated from rare earth elements and neodymiumâ€“isotopic compositions of Martian meteorites. <i>Meteoritics and Planetary Science</i> , 1999, 34, 439-449.	0.7	106
730	Crustal contamination in Palaeogene East Greenland flood basalts: plumbing system evolution during continental rifting. <i>Chemical Geology</i> , 1999, 157, 89-118.	1.4	75
731	Crustâ€“mantle interaction induced by deep subduction of the continental crust: geochemical and Srâ€“Nd isotopic evidence from post-collisional maficâ€“ultramafic intrusions of the northern Dabie complex, central China. <i>Chemical Geology</i> , 1999, 157, 119-146.	1.4	860
732	Rheniumâ€“osmium isotopic investigation of Java subduction zone lavas. <i>Earth and Planetary Science Letters</i> , 1999, 168, 65-77.	1.8	66
733	The Plioâ€“Quaternary Ambon arc, Eastern Indonesia. <i>Tectonophysics</i> , 1999, 301, 261-281.	0.9	37
734	Volatiles (He, C, N, Ar) in mid-ocean ridge basalts: assesment of shallow-level fractionation and characterization of source composition. <i>Geochimica Et Cosmochimica Acta</i> , 1999, 63, 3619-3633.	1.6	316
735	Post-Collisional Potassic and Ultrapotassic Magmatism in SW Tibet: Geochemical and Sr-Nd-Pb-O Isotopic Constraints for Mantle Source Characteristics and Petrogenesis. <i>Journal of Petrology</i> , 1999, 40, 1399-1424.	1.1	601
736	Age and isotopic composition of late Archean leucogranites: implications for continental collision in the western Superior Province. <i>Canadian Journal of Earth Sciences</i> , 1999, 36, 495-510.	0.6	26
737	Country-rock contamination of marginal mafic granulites bordering the Nain Plutonic Suite: implications for mobilization of Sr during high-grade contact metamorphism. <i>Canadian Journal of Earth Sciences</i> , 1999, 36, 985-997.	0.6	8
738	Chemical, multispectral, and textural constraints on the composition and origin of rocks at the Mars Pathfinder landing site. <i>Journal of Geophysical Research</i> , 1999, 104, 8679-8715.	3.3	226
739	Age constraints on crustal recycling to the mantle beneath the southern Chile Ridge: He-Pb-Sr-Nd isotope systematics. <i>Journal of Geophysical Research</i> , 1999, 104, 5097-5114.	3.3	32
740	Mixing and compositional stratification produced by natural convection: 2. Applications to the differentiation of basaltic and silicic magma chambers and komatiite lava flows. <i>Journal of Geophysical Research</i> , 1999, 104, 7203-7218.	3.3	86
741	Stratigraphy and geochemistry of the Turoa area, with implications for andesite petrogenesis at Mt Ruapehu, Taupo Volcanic Zone, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 1999, 42, 513-532.	1.0	18
742	Petrogenesis and Stratigraphy of the High-Ti/Y Urubici Magma Type in the Parana Flood Basalt Province and Implications for the Nature of 'Dupal'-Type Mantle in the South Atlantic Region. <i>Journal of Petrology</i> , 1999, 40, 451-473.	1.1	150

#	ARTICLE	IF	CITATIONS
743	New $^{40}\text{Ar}/^{39}\text{Ar}$ dates for Cretaceous Chauna Group tephra, north-eastern Russia, and their implications for the geologic history and floral evolution of the North Pacific region. <i>Cretaceous Research</i> , 1999, 20, 97-106.	0.6	54
745	Geology, age and origin of the Mount Willing area (Prince Charles Mountains, East Antarctica). <i>Antarctic Science</i> , 1999, 11, 338-352.	0.5	26
746	$\text{Sm-Nd}$ Geochemistry and $\text{U-Pb}$ Geochronology of the Mont Rigaud Stock, Quebec, Canada: A Late Magmatic Event Associated with the Formation of the Iapetus Rift. <i>Journal of Geology</i> , 2000, 108, 569-583.	0.7	6
747	Geochemistry of Cenozoic volcanic rocks from Kirin Province, northeast China.. <i>Geochemical Journal</i> , 2000, 34, 33-58.	0.5	26
748	$\text{Sr-Nd}$ isotope ratios of gabbroic and dioritic rocks in a Cretaceous-Paleogene granite terrain, Southwest Japan. <i>Island Arc</i> , 2000, 9, 113-127.	0.5	23
749	The magmatic evolution of the Snfell volcanic centre; an example of volcanism during incipient rifting in Iceland. <i>Journal of Volcanology and Geothermal Research</i> , 2000, 99, 97-121.	0.8	44
750	Petrology of the bimodal Cenozoic volcanism of the Kapsiki plateau (northernmost Cameroon,) <i>Tectonophysics</i> , 2000, 320, 107-120.	0.8	90
751	Petrogenetic evolution of late Cenozoic, post-collision volcanism in western Anatolia, Turkey. <i>Journal of Volcanology and Geothermal Research</i> , 2000, 102, 67-95.	0.8	890
752	Interaction of mantle-derived magma with island crust? Trace element and oxygen isotope data from the Diego Hernandez Formation, Las Cañadas, Tenerife. <i>Journal of Volcanology and Geothermal Research</i> , 2000, 103, 343-366.	0.8	62
753	The relationship between potassic and calc-alkaline post-orogenic magmatism at Vico volcano, central Italy. <i>Journal of Volcanology and Geothermal Research</i> , 2000, 95, 247-272.	0.8	39
754	Geochemistry and origins of Ueno and On-take basaltic to andesitic rocks (< 3 Ma) produced by distinct contributions of subduction components, central Japan. <i>Journal of Volcanology and Geothermal Research</i> , 2000, 95, 49-64.	0.8	12
755	The geology and petrology of Volcán San Juan (Nayarit, México) and the compositionally zoned Tepic Pumice. <i>Journal of Volcanology and Geothermal Research</i> , 2000, 95, 109-156.	0.8	56
756	Evolution of the sublayer of the Sudbury Igneous Complex: geochemical, $\text{Sm-Nd}$ isotopic and petrologic evidence. <i>Lithos</i> , 2000, 51, 271-292.	0.6	45
757	Geochemical constraints on the origin of bimodal magmatism at the Okinawa Trough, an incipient back-arc basin. <i>Lithos</i> , 2000, 54, 117-137.	0.6	231
758	Ancient isotopic characteristics of Neogene potassic magmatism in Western New Guinea (Irian Jaya,) <i>Tectonophysics</i> , 2000, 320, 107-120.	0.6	45
759	High-potassium, calc-alkaline I-type plutonism in the European Variscides: northern Vosges (France) and northern Schwarzwald (Germany). <i>Lithos</i> , 2000, 50, 51-73.	0.6	576
760	Identifying Accessory Mineral Saturation during Differentiation in Granitoid Magmas: an Integrated Approach. <i>Journal of Petrology</i> , 2000, 41, 1365-1396.	1.1	331
761	Error propagation in equations for geochemical modeling of radiogenic isotopes in two-component mixing. <i>Journal of Earth System Science</i> , 2000, 109, 79-88.	0.6	5

#	ARTICLE	IF	CITATIONS
762	Reply to the comment by J. Hergt on the paper "Enriched mantle - Dupal signature in the genesis of the Jurassic Ferrar tholeiites from Prince Albert Mountains (Victoria Land, Antarctica)" by Antonini et al. (Contributions to Mineralogy and Petrology 136: 1-19, 1999). Contributions To Mineralogy and Petrology, 2000, 139, 245-249.	1.2	2
763	From basalt to dacite: origin and evolution of the calc-alkaline series of Salina, Aeolian Arc, Italy. Contributions To Mineralogy and Petrology, 2000, 139, 607-626.	1.2	55
764	Oxygen isotope composition of phenocrysts from Tristan da Cunha and Gough Island lavas: variation with fractional crystallization and evidence for assimilation. Contributions To Mineralogy and Petrology, 2000, 138, 164-175.	1.2	97
765	Review of geochemical variation in Lower Palaeozoic metabasites from the NE Bohemian Massif: intracratonic rifting and plume-ridge interaction. Geological Society Special Publication, 2000, 179, 155-174.	0.8	55
766	Flood Basalts, Basalt Floods or Topless Bushvelds? Lunar Petrogenesis Revisited. Journal of Petrology, 2000, 41, 1545-1651.	1.1	33
767	The Isotope and Trace Element Budget of the Cambrian Devil River Arc System, New Zealand: Identification of Four Source Components. Journal of Petrology, 2000, 41, 759-788.	1.1	84
768	Petrogenesis of Mafic to Felsic Plutonic Rock Associations: the Calc-alkaline QuÃ©rigut Complex, French Pyrenees. Journal of Petrology, 2000, 41, 809-844.	1.1	156
769	Microstructural and mineralogical evidence for limited involvement of magma mixing in the petrogenesis of a Hercynian high-K calc-alkaline intrusion: the Kozalrovice granodiorite, Central Bohemian Pluton, Czech Republic. , 2000, , .		14
770	Resolving Crustal and Mantle Contributions to Continental Flood Volcanism, Yemen; Constraints from Mineral Oxygen Isotope Data. Journal of Petrology, 2000, 41, 1805-1820.	1.1	103
771	Evolution of magma source regions in the Rio Grande rift, southern New Mexico. Bulletin of the Geological Society of America, 2000, 112, 1582.	1.6	70
772	Geochemistry of the Archean Kam Group, Yellowknife Greenstone Belt, Slave Province, Canada. Journal of Geology, 2000, 108, 181-197.	0.7	65
773	Flood Basalts of Vestfjella: Jurassic Magmatism Across an Archaeanâ€™Proterozoic Lithospheric Boundary in Dronning Maud Land, Antarctica. Journal of Petrology, 2000, 41, 1271-1305.	1.1	103
774	Nd-Pb-Sr Isotope Systematics of Crustal Assimilation in theVoisey's Bay and Mushuau Intrusions, Labrador, Canada. Economic Geology, 2000, 95, 815-830.	1.8	15
775	Micro structural and mineralogical evidence for limited involvement of magma mixing in the petrogenesis of a Hercynian high-K calc-alkaline intrusion: the Kozalrovice granodiorite, Central Bohemian Pluton, Czech Republic. Earth and Environmental Science Transactions of the Royal Society of Edinburgh, 2000, 91, 15-26.	0.3	43
776	Igneous Petrogenesis. , 2000, , .		38
777	Geochemical and Nd-Pb-O isotope systematics of granites from the Taltson Magmatic Zone, NE Alberta: implications for early Proterozoic tectonics in western Laurentia. Precambrian Research, 2000, 102, 221-249.	1.2	53
778	Reply to discussion on 'Geochemistry and geodynamic setting of volcanic and plutonic rocks associated with early Archaean volcanogenic massive sulfide mineralisation, Pilbara Craton' (Vearncombe, S.E., Kerrich, R., 1999. Precambrian Research 98, 243-270) by C.W. Brauhart, P. Morant. Precambrian Research, 2000, 104, 101-105.	1.2	0
779	Proterozoic crustal evolution in the NW Himalaya (India) as recorded by circa 1.80 Ga mafic and 1.84 Ga granitic magmatism. Precambrian Research, 2000, 103, 191-206.	1.2	150

#	ARTICLE	IF	CITATIONS
780	Effects of basement composition and age on silicic magmas across an accreted terrane-Precambrian crust boundary, Sierra Madre Occidental, Mexico. <i>Journal of South American Earth Sciences</i> , 2000, 13, 255-273.	0.6	32
781	Post-collisional Neogene magmatism of the Mediterranean Maghreb margin: a consequence of slab breakoff. <i>Comptes Rendus De L'Académie Des Sciences Earth &amp; Planetary Sciences Série II, Sciences De La Terre Et Des Planètes</i> , 2000, 331, 159-173.	0.2	26
782	Isotope and rare earth element chemistry of carbonatite-alkaline complexes of Deccan volcanic province: implications to magmatic and alteration processes. <i>Journal of Asian Earth Sciences</i> , 2000, 18, 177-194.	1.0	51
783	Strontium isotope systematics of Amba Dongar and Sung Valley carbonatite-alkaline complexes, India: evidence for liquid immiscibility, crustal contamination and long-lived Rb/Sr enriched mantle sources. <i>Journal of Asian Earth Sciences</i> , 2000, 18, 585-594.	1.0	34
784	Isotopic disequilibrium during rapid crustal anatexis: implications for petrogenetic studies of magmatic processes. <i>Chemical Geology</i> , 2000, 162, 169-191.	1.4	47
785	Geochemical evidence for a lithospheric source for magmas from Los Humeros caldera, Puebla, Mexico. <i>Chemical Geology</i> , 2000, 164, 35-60.	1.4	75
786	Trace and REE content of clinopyroxenes from supra-subduction zone peridotites. Implications for melting and enrichment processes in island arcs. <i>Chemical Geology</i> , 2000, 165, 67-85.	1.4	217
787	Major element heterogeneity in the mantle source of the North Atlantic igneous province. <i>Earth and Planetary Science Letters</i> , 2000, 184, 251-268.	1.8	120
788	Two contrasting paleozoic magmatic belts in northern Inner Mongolia, China: petrogenesis and tectonic implications. <i>Tectonophysics</i> , 2000, 328, 157-182.	0.9	471
789	Interaction among upper crustal, lower crustal, and mantle materials in the Port Mouton pluton, Meguma Lithotectonic Zone, southwest Nova Scotia. <i>Canadian Journal of Earth Sciences</i> , 2000, 37, 579-600.	0.6	17
790	Geochemistry of near-trench intrusives associated with ridge subduction, Seldovia Quadrangle, southern Alaska. <i>Journal of Geophysical Research</i> , 2000, 105, 27957-27978.	3.3	35
791	Early Cretaceous Basaltic and Rhyolitic Magmatism in Southern Uruguay Associated with the Opening of the South Atlantic. <i>Journal of Petrology</i> , 2000, 41, 1413-1438.	1.1	56
792	The Cameroon Volcanic Line Revisited: Petrogenesis of Continental Basaltic Magmas from Lithospheric and Asthenospheric Mantle Sources. <i>Journal of Petrology</i> , 2000, 41, 87-109.	1.1	232
793	Modelling Diverse Processes in the Petrogenesis of a Composite Batholith: the Central Bohemian Pluton, Central European Hercynides. <i>Journal of Petrology</i> , 2000, 41, 511-543.	1.1	123
794	Evidence from oceanic gabbros for porous melt migration within a crystal mush beneath the Mid-Atlantic Ridge. <i>Geochemistry, Geophysics, Geosystems</i> , 2000, 1, n/a-n/a.	1.0	99
795	Slab melting: Its role in continental crust formation and mantle evolution. <i>Geophysical Research Letters</i> , 2000, 27, 3941-3944.	1.5	34
796	Osmium abundance and isotope variations in mafic Mexican volcanic rocks: Evidence for crustal contamination and constraints on the geochemical behavior of osmium during partial melting and fractional crystallization. <i>Geochemistry, Geophysics, Geosystems</i> , 2001, 2, n/a-n/a.	1.0	59
797	Mass balance equations for open magmatic systems: Trace element behavior and its application to open system melting in the upper mantle. <i>Journal of Geophysical Research</i> , 2001, 106, 13407-13434.	3.3	62

#	ARTICLE	IF	CITATIONS
798	Fractionation of Nb and Ta from Zr and Hf at Mantle Depths: the Role of Titanian Pargasite and Kaersutite. <i>Journal of Petrology</i> , 2001, 42, 221-232.	1.1	133
799	Geochemical modeling of partial melting of subducting sediments and subsequent melt-mantle interaction: Generation of high-Mg andesites in the Setouchi volcanic belt, southwest Japan. <i>Geology</i> , 2001, 29, 323.	2.0	225
800	Mantle Processes and Sources of Neogene Slab Window Magmas from Southern Patagonia, Argentina. <i>Journal of Petrology</i> , 2001, 42, 1067-1094.	1.1	181
801	Differentiation Processes of Deccan Trap Basalts: Contribution from Geochemistry and Experimental Petrology. <i>Journal of Petrology</i> , 2001, 42, 2175-2195.	1.1	60
802	Composite minor intrusions as windows into subvolcanic magma reservoir processes: mineralogical and geochemical evidence for complex magmatic plumbing systems in the British Tertiary Igneous Province. <i>Journal of the Geological Society</i> , 2001, 158, 47-58.	0.9	10
803	Energy-Constrained Open-System Magmatic Processes II: Application of Energy-Constrained Assimilation-Fractional Crystallization (EC-AFC) Model to Magmatic Systems. <i>Journal of Petrology</i> , 2001, 42, 1019-1041.	1.1	253
804	Energy-Constrained Open-System Magmatic Processes I: General Model and Energy-Constrained Assimilation and Fractional Crystallization (EC-AFC) Formulation. <i>Journal of Petrology</i> , 2001, 42, 999-1018.	1.1	361
805	Les premières phases d'édification du stratovolcan du Cantal (Massif central, France) entre 9,5 et 8,0 Ma : géologie et géochimie du secteur de l'Alancze. <i>Comptes Rendus De L'Académie Des Sciences 0.2 Earth &amp; Planetary Sciences Série II, Sciences De La Terre Et Des Planètes</i> =, 2001, 332, 617-624.		0
806	The geochemistry of volcanic, plutonic and turbiditic rocks from Sumba, Indonesia. <i>Journal of Asian Earth Sciences</i> , 2001, 19, 481-500.	1.0	20
807	Oxygen isotope systematics of the Banda Arc: low $\delta^{18}O$ despite involvement of subducted continental material in magma genesis. <i>Geochimica Et Cosmochimica Acta</i> , 2001, 65, 589-609.	1.6	74
808	Near-solidus evolution of oceanic gabbros: insights from amphibole geochemistry. <i>Geochimica Et Cosmochimica Acta</i> , 2001, 65, 4339-4357.	1.6	138
809	Magma ascent and contamination beneath one intraplate volcano: evidence from S and O isotopes in glass inclusions and their host clinopyroxenes from Miocene basaltic hyaloclastites southwest of Gran Canaria (Canary Islands). <i>Geochimica Et Cosmochimica Acta</i> , 2001, 65, 4359-4374.	1.6	53
810	Recent alkaline basalts as probes of the lithospheric mantle roots of the Northern Canadian Cordillera. <i>Chemical Geology</i> , 2001, 175, 361-386.	1.4	42
811	Petrogenesis of the Early Proterozoic Matachewan dyke swarm, Canada, and implications for magma emplacement and subsequent deformation. <i>Canadian Journal of Earth Sciences</i> , 2001, 38, 1541-1563.	0.6	21
812	Geochemistry and Nd isotopes of the François Lake plutonic suite, Endako batholith: host and progenitor to the Endako molybdenum camp, central British Columbia. <i>Canadian Journal of Earth Sciences</i> , 2001, 38, 603-618.	0.6	30
813	Trace-Element Modeling and Source Constraints for Tholeiitic and Calc-alkaline Basalts from a Depleted Asthenospheric Mantle Source, Mt. Erciyes Stratovolcano, Turkey. <i>International Geology Review</i> , 2001, 43, 508-522.	1.1	17
814	Modelling Sr isotopic evolution in mineral phases growing from magmatic liquids with changing $^{87}Sr/^{86}Sr$ . <i>Geochemical Journal</i> , 2001, 35, 421-438.	0.5	1
815	A chemical and isotopic study of the Laramide granitic belt of northwestern Mexico: Identification of the southern edge of the North American Precambrian basement. <i>Bulletin of the Geological Society of America</i> , 2001, 113, 1409-1422.	1.6	65

#	ARTICLE	IF	CITATIONS
816	ESTIMATES OF CRUSTAL ASSIMILATION IN QUATERNARY LAVAS FROM THE NORTHERN CORDILLERA, BRITISH COLUMBIA. <i>Canadian Mineralogist</i> , 2001, 39, 275-297.	0.3	12
817	Origin of the Felsic and Basaltic Dikes and Flows in the Rajula-Palitana-Sihor Area of the Deccan Traps, Saurashtra, India: A Geochemical and Geochronological Study. <i>International Geology Review</i> , 2001, 43, 1094-1116.	1.1	44
818	Replenishment episodes and crustal assimilation in the development of an early Tertiary magma chamber, East Greenland: evidence from layered cumulates of the KÅ lvegletscher ultramafic complex, Kangerlussuaq. <i>Mineralogy and Petrology</i> , 2001, 73, 279-304.	0.4	3
819	Geochemistry, tectonic setting and geodynamic significance of late orogenic dikes in the Melibocus Massif, BergstrÄsser Odenwald. <i>Mineralogy and Petrology</i> , 2001, 72, 209-228.	0.4	6
820	The fluid regime of high-temperature metamorphism during granitoid magma genesis. <i>Contributions To Mineralogy and Petrology</i> , 2001, 140, 600-606.	1.2	144
821	Trace element and isotopic evidence for two types of crustal melting beneath a High Cascade volcanic center, Mt. Jefferson, Oregon. <i>Contributions To Mineralogy and Petrology</i> , 2001, 141, 710-732.	1.2	59
822	U, Th and Ra disequilibria, Sr, Nd and Pb isotope and trace element variations in Sunda arc lavas: predominance of a subducted sediment component. <i>Contributions To Mineralogy and Petrology</i> , 2001, 142, 43-57.	1.2	160
823	Isotopic responses to basaltic injections into silicic magma chambers: a whole-rock and microsampling study of macrorhythmic units in the Pleasant Bay layered gabbro-diorite complex, Maine, USA. <i>Contributions To Mineralogy and Petrology</i> , 2001, 142, 323-335.	1.2	28
824	Glass inclusions and melt volatile contents at ParÄcutin Volcano, Mexico. <i>Contributions To Mineralogy and Petrology</i> , 2001, 142, 261-283.	1.2	120
825	Different evolution trends in alkaline evolved lavas from the northern Kenya Rift. <i>Journal of African Earth Sciences</i> , 2001, 32, 419-433.	0.9	6
826	The Aguablanca Cuâ€Ni ore deposit (Extremadura, Spain), a case of synorogenic orthomagmatic mineralization: age and isotope composition of magmas (Sr, Nd) and ore (S). <i>Ore Geology Reviews</i> , 2001, 18, 237-250.	1.1	72
827	Geochemical and Srâ€Ndâ€Pb isotopic evidence for a combined assimilation and fractional crystallisation process for volcanic rocks from the Huichapan caldera, Hidalgo, Mexico. <i>Lithos</i> , 2001, 56, 141-164.	0.6	33
828	Mantle sources and magmaâ€crust interactions in volcanic rocks from the northern Kenya rift: geochemical evidence. <i>Lithos</i> , 2001, 56, 111-139.	0.6	26
829	The origin and geodynamic significance of the Alpine cordierite-bearing granitoids of northern Algeria. A combined petrological, mineralogical, geochemical and isotopic (O, H, Sr, Nd) study. <i>Lithos</i> , 2001, 57, 187-216.	0.6	49
830	Magmaâ€host interactions during differentiation and emplacement of a shallow-level, zoned granitic pluton (TarÄsouate pluton, Morocco): implications for magma emplacement. <i>Lithos</i> , 2001, 58, 125-143.	0.6	28
831	Petrology of melilite-bearing rocks from the Montefiascone Volcanic Complex (Roman Magmatic) Tj ETQq1 1 0.784314 rgBT /Overloc	0.6	46
832	Petrologic and geochemical constraints on the petrogenesis of Permianâ€Triassic Emeishan flood basalts in southwestern China. <i>Lithos</i> , 2001, 58, 145-168.	0.6	785
833	Miocene subduction-related magmatism in southern Sardinia: Srâ€Nd- and oxygen isotopic evidence for mantle source enrichment. <i>Journal of Volcanology and Geothermal Research</i> , 2001, 106, 1-22.	0.8	49

#	ARTICLE	IF	CITATIONS
834	Eruptive Stratigraphy of the Tatara-San Pedro Complex, 36degreesS, Southern Volcanic Zone, Chilean Andes: Reconstruction Method and Implications for Magma Evolution at Long-lived Arc Volcanic Centers. <i>Journal of Petrology</i> , 2001, 42, 555-626.	1.1	125
835	Radiogenic Lead Signatures in Au-Rich Volcanic-Hosted Massive Sulfide Ores and Associated Volcanic Rocks of the Early Tertiary Macuchi Island Arc(Western Cordillera of Ecuador). <i>Economic Geology</i> , 2001, 96, 1361-1378.	1.8	24
836	Early Proterozoic Calc-Alkaline and Middle Proterozoic Tholeiitic Dyke Swarms from Centralâ€“Eastern Argentina: Petrology, Geochemistry, Srâ€“Nd Isotopes and Tectonic Implications. <i>Journal of Petrology</i> , 2001, 42, 2109-2143.	1.1	49
837	Petrogenesis of Olivine-phyric Basalts from the Aphanasey Nikitin Rise: Evidence for Contamination by Cratonic Lower Continental Crust. <i>Journal of Petrology</i> , 2001, 42, 277-319.	1.1	50
838	Crustal Contamination and Fluidâ€“Rock Interaction during the Formation of the Platreef, Northern Limb of the Bushveld Complex, South Africa. <i>Journal of Petrology</i> , 2001, 42, 1321-1347.	1.1	105
839	Fractionation and Assimilation Processes in the Alkaline Augite Syenite Unit of the IlÃmaussaq Intrusion, South Greenland, as Deduced from Phase Equilibria. <i>Journal of Petrology</i> , 2001, 42, 1947-1969.	1.1	99
840	Evidence of crustal contamination of mafic rocks associated with rapakivi rocks: an example from the NordingrÃ¥ complex, Central Sweden. <i>Geological Magazine</i> , 2001, 138, 371-386.	0.9	13
841	Quaternary Tholeiitic to Alkaline Volcanism in the Karasu Valley, Dead Sea Rift Zone, Southeast Turkey: Sr-Nd-Pb-O Isotopic and Trace-Element Approaches to Crust-Mantle Interaction. <i>International Geology Review</i> , 2001, 43, 120-138.	1.1	31
842	Permian volcanism in the Mongolian orogenic zone, northeast China: geochemistry, magma sources and petrogenesis. <i>Geological Magazine</i> , 2001, 138, 101-115.	0.9	64
843	The Cretaceous Igneous Province of Madagascar: Geochemistry and Petrogenesis of Lavas and Dykes from the Centralâ€“Western Sector. <i>Journal of Petrology</i> , 2001, 42, 1249-1278.	1.1	43
844	Geochemical Evolution of Akagi Volcano, NE Japan: Implications for Interaction Between Island-arc Magma and Lower Crust, and Generation of Isotopically Various Magmas. <i>Journal of Petrology</i> , 2001, 42, 2303-2331.	1.1	38
845	Geologic Evolution of the Escondida Area, Northern Chile: A Model for Spatial and Temporal Localization of Porphyry Cu Mineralization. <i>Economic Geology</i> , 2001, 96, 271-305.	1.8	201
846	Geochemical Evidence for a Rift-Related Origin of Bimodal Volcanism at Meseta Rio San Juan, North-Central Mexican Volcanic Belt. <i>International Geology Review</i> , 2001, 43, 475-493.	1.1	38
847	The Blackstones Bank igneous complex: geochemistry and crustal context of a submerged Tertiary igneous centre in the Scottish Hebrides. <i>Geological Magazine</i> , 2002, 139, 199-207.	0.9	9
848	Granite production in the Delamerian Orogen, South Australia. <i>Journal of the Geological Society</i> , 2002, 159, 557-575.	0.9	95
849	Petrogenesis and Implications of Calc-Alkaline Cryptic Hybrid Magmas from Washburn Volcano, Absaroka Volcanic Province, USA. <i>Journal of Petrology</i> , 2002, 43, 663-703.	1.1	46
850	Evidence for Multi-stage Magmatic Evolution during the past 60 kyr at Campi Flegrei (Italy) Deduced from Sr, Nd and Pb Isotope Data. <i>Journal of Petrology</i> , 2002, 43, 1415-1434.	1.1	115
851	Some Thermal Constraints on Crustal Assimilation during Fractionation of Hydrous, Mantle-derived Magmas with Examples from Central Alpine Batholiths. <i>Journal of Petrology</i> , 2002, 43, 403-422.	1.1	80



#	ARTICLE	IF	CITATIONS
852	Late Silurian bimodal volcanism of southwestern New Brunswick, Canada: Products of continental extension. <i>Bulletin of the Geological Society of America</i> , 2002, 114, 400-418.	1.6	46
853	The source of Cenozoic volcanism in the Ceske stredohori Mts., Bohemian Massif. <i>Neues Jahrbuch Fur Mineralogie, Abhandlungen</i> , 2002, 177, 133-162.	0.1	26
854	A Mainly Crustal Origin for Tonalitic Granitoid Rocks, Superior Province, Canada: Implications for Late Archean Tectonomagmatic Processes. <i>Journal of Petrology</i> , 2002, 43, 1551-1570.	1.1	138
855	The Lithospheric Mantle beneath Continental Margins: Melting and Melt-Rock Reaction in Canadian Cordillera Xenoliths. <i>Journal of Petrology</i> , 2002, 43, 2013-2047.	1.1	73
856	Petrogenesis of Early Neogene Magmatism in the Northern Puna; Implications for Magma Genesis and Crustal Processes in the Central Andean Plateau. <i>Journal of Petrology</i> , 2002, 43, 907-942.	1.1	76
857	Andesite petrogenesis in the Ordovician Borrowdale Volcanic Group of the English Lake District by fractionation, assimilation and mixing. <i>Journal of the Geological Society</i> , 2002, 159, 417-424.	0.9	9
858	Sr,Nd isotope evidence for an enriched mantle component in the origins of the Hercynian gabbro-granite series of the "Serie dei Laghi" (Southern Alps, NW Italy). <i>European Journal of Mineralogy</i> , 2002, 14, 403-415.	0.4	17
859	The Mariánská-Lázná Complex, NW Bohemian Massif: development and destruction of an early Palaeozoic seaway. <i>Geological Society Special Publication</i> , 2002, 201, 177-195.	0.8	14
860	Paleoproterozoic Rift-Related Volcanism of the Xiong'er Group, North China Craton: Implications for the Breakup of Columbia. <i>International Geology Review</i> , 2002, 44, 336-351.	1.1	193
861	Palaeozoic terrane amalgamation in Central Europe: a REE and Sm-Nd isotope study of the pre-Variscan basement, NE Bohemian Massif. <i>Geological Society Special Publication</i> , 2002, 201, 157-176.	0.8	7
862	Rb/Sr- <sup>87</sup> Sr/ <sup>86</sup> Sr Variations in Bombay Trachytes and Rhyolites (Deccan Traps): Rb-Sr Isochron, or AFC Process?. <i>International Geology Review</i> , 2002, 44, 624-638.	1.1	19
863	Methods for resolving the origin of large igneous provinces from crustal seismology. <i>Journal of Geophysical Research</i> , 2002, 107, ECV 1-1-ECV 1-27.	3.3	113
864	Subduction zones. <i>Reviews of Geophysics</i> , 2002, 40, 3-1.	9.0	1,064
865	Neoproterozoic Arc-Related Mafic Intrusions along the Northern Margin of South China: Implications for the Accretion of Rodinia. <i>Journal of Geology</i> , 2002, 110, 611-618.	0.7	304
866	Adakite-like Lavas from Antisana Volcano (Ecuador): Evidence for Slab Melt Metasomatism Beneath Andean Northern Volcanic Zone. <i>Journal of Petrology</i> , 2002, 43, 199-217.	1.1	187
867	Mesoproterozoic lamprophyres in the Labrieville Massif, Quebec: clues to the origin of alkalic anorthosites?. <i>Canadian Journal of Earth Sciences</i> , 2002, 39, 983-997.	0.6	13
868	Chemostratigraphy of the Neoproterozoic Alona Bay lavas, Ontario. <i>Canadian Journal of Earth Sciences</i> , 2002, 39, 1127-1142.	0.6	4
869	Source, genesis, and timing of giant ignimbrite deposits associated with Ethiopian continental flood basalts. <i>Geochimica Et Cosmochimica Acta</i> , 2002, 66, 1429-1448.	1.6	148

#	ARTICLE	IF	CITATIONS
870	Interpretation of trace element and isotope features of basalts: relevance of field relations, petrology, major element data, phase equilibria, and magma chamber modeling in basalt petrogenesis. <i>Geochimica Et Cosmochimica Acta</i> , 2002, 66, 2167-2191.	1.6	66
871	The effect of melt composition on trace element partitioning: an experimental investigation of the activity coefficients of FeO, NiO, CoO, MoO <sub>2</sub> and MoO <sub>3</sub> in silicate melts. <i>Chemical Geology</i> , 2002, 186, 151-181.	1.4	271
872	Crust-mantle interaction in the genesis of siliceous high magnesian basalts: evidence from the Early Proterozoic Dongargarh Supergroup, India. <i>Chemical Geology</i> , 2002, 187, 21-37.	1.4	30
873	Osmium isotopic systematics of melilitites from the Tertiary Central European Volcanic Province in SW Germany. <i>Chemical Geology</i> , 2002, 189, 91-103.	1.4	37
874	A slab breakoff model for the Neogene thermal evolution of South Karakorum and South Tibet. <i>Earth and Planetary Science Letters</i> , 2002, 195, 45-58.	1.8	225
875	Relationship between the early Kerguelen plume and continental flood basalts of the paleo-Eastern Gondwanan margins. <i>Earth and Planetary Science Letters</i> , 2002, 197, 35-50.	1.8	99
876	Osmium isotope binary mixing arrays in arc volcanism. <i>Earth and Planetary Science Letters</i> , 2002, 198, 355-369.	1.8	79
877	Contamination and melt aggregation processes in continental flood basalts: constraints from melt inclusions in Oligocene basalts from Yemen. <i>Earth and Planetary Science Letters</i> , 2002, 202, 577-594.	1.8	62
878	Origin and geodynamic evolution of Late Paleogene magmatic associations along the Periadriatic-Sava-Vardar magmatic belt. <i>Geodinamica Acta</i> , 2002, 15, 209-231.	2.2	27
879	Mafic to felsic magmatism and crustal recycling in the Obonga Lake greenstone belt, western Superior Province: evidence from geochemistry, Nd isotopes and U-Pb geochronology. <i>Precambrian Research</i> , 2002, 114, 295-325.	1.2	35
880	Palaeoproterozoic (1740 Ma) rift-related volcanism in the Hekla Sund region, eastern North Greenland: field occurrence, geochemistry and tectonic setting. <i>Precambrian Research</i> , 2002, 114, 327-346.	1.2	24
881	Geological and isotopic geochemical constraints on the evolution of the Fuping Complex, North China Craton. <i>Precambrian Research</i> , 2002, 117, 41-56.	1.2	231
882	The relationship between A-type granites and residual magmas from anorthosite: evidence from the northern Sherman batholith, Laramie Mountains, Wyoming, USA. <i>Precambrian Research</i> , 2002, 119, 45-71.	1.2	92
883	Origin and geodynamic evolution of Late Paleogene magmatic associations along the Periadriatic-Sava-Vardar magmatic belt. <i>Geodinamica Acta</i> , 2002, 15, 209-231.	2.2	42
884	Archean Nb-enriched basalts in the northern Superior Province. <i>Lithos</i> , 2002, 64, 1-14.	0.6	62
885	Crystal fractionation in the petrogenesis of an alkali monzodiorite-syenite series: the Oshurkovo plutonic sheeted complex, Transbaikalia, Russia. <i>Lithos</i> , 2002, 64, 97-130.	0.6	64
886	Pb-Nd-Sr isotope and trace element geochemistry of Quaternary extension-related alkaline volcanism: a case study of Kula region (western Anatolia, Turkey). <i>Journal of Volcanology and Geothermal Research</i> , 2002, 115, 487-510.	0.8	122
887	Characteristics of late Cenozoic volcanism along the Archibarca lineament from Cerro Llullaillaco to Corrida de Cori, northwest Argentina. <i>Journal of Volcanology and Geothermal Research</i> , 2002, 116, 161-200.	0.8	54

#	ARTICLE	IF	CITATIONS
888	The Acampamento Velho Formation, a Lower Cambrian Bimodal Volcanic Package: Geochemical and Stratigraphic Studies from the Cerro Do Bugio, Perau and Serra De Santa Bárbara (Caçapava Do Sul, RS, Brazil). <i>Journal of Metamorphic Geology</i> , 2002, 20, 1029-1048.	0.0	10
889	Mantle and Crustal Sources in the Genesis of Late-Hercynian Granitoids (NW Portugal): Geochemical and Sr-Nd Isotopic Constraints. <i>Gondwana Research</i> , 2002, 5, 287-305.	3.0	56
890	Geochemistry, mineralogy and petrogenesis of the northeast Ni?de volcanics, central Anatolia, Turkey. <i>Geological Journal</i> , 2002, 37, 189-215.	0.6	10
891	Source contamination and mantle heterogeneity in the genesis of Italian potassic and ultrapotassic volcanic rocks: Sr-Nd-Pb isotope data from Roman Province and Southern Tuscany. <i>Mineralogy and Petrology</i> , 2002, 74, 189-222.	0.4	186
892	Mafic rocks in a deep-crustal segment of the Variscides (the G?ry Sowie, SW Poland): evidence for crustal contamination in an extensional setting. <i>International Journal of Earth Sciences</i> , 2002, 91, 1017-1029.	0.9	23
893	Peraluminous granites frequently with mantle-like isotope compositions: the continental-type Murzinka and Dzhabyk batholiths of the eastern Urals. <i>International Journal of Earth Sciences</i> , 2002, 91, 3-19.	0.9	78
894	Coupled evolution of back-arc and island arc-like mafic crust in the late-Neoproterozoic Agardagh Tes-Chem ophiolite, Central Asia: evidence from trace element and Sr-Nd-Pb isotope data. <i>Contributions To Mineralogy and Petrology</i> , 2002, 143, 154-174.	1.2	96
895	Crustal melting in the lower parts of island arcs: an example from the Bremanger Granitoid Complex, west Norwegian Caledonides. <i>Contributions To Mineralogy and Petrology</i> , 2002, 143, 316-335.	1.2	47
896	I-type plutonism in a continental back-arc setting: Miocene granitoids and monzonites from the central Aegean Sea, Greece. <i>Contributions To Mineralogy and Petrology</i> , 2002, 143, 397-415.	1.2	218
897	Geochemistry of intermediate to siliceous volcanic rocks of the Rooiberg Group, Bushveld Magmatic Province, South Africa. <i>Contributions To Mineralogy and Petrology</i> , 2002, 144, 131-143.	1.2	49
898	1.60 Ga felsic volcanic blocks in the moraines of the Terre Ad?lie Craton, Antarctica: Comparisons with the Gawler Range Volcanics, South Australia. <i>Australian Journal of Earth Sciences</i> , 2002, 49, 831-845.	0.4	54
899	Late Mesozoic crust-mantle interaction and lower crust components in South China: A geochemical study of mafic granulite xenoliths from Cenozoic basalts. <i>Science in China Series D: Earth Sciences</i> , 2003, 46, 447-460.	0.9	9
900	The 'Venice Granodiorite': constraints on the 'Caledonian' and Variscan events in the Alpine domain. <i>Rendiconti Lincei</i> , 2003, 14, 179-204.	1.0	3
901	Origin of two differentiation trends in the Emeishan flood basalts. <i>Science Bulletin</i> , 2003, 48, 390-394.	1.7	23
902	Contrasting Archean and Proterozoic lithospheric mantle: isotopic evidence from the Shonkin Sag sill (Montana). <i>Contributions To Mineralogy and Petrology</i> , 2003, 145, 169-181.	1.2	14
903	Petrology of the Cenozoic volcanism in the Upper Benue valley, northern Cameroon (Central Africa). <i>Contributions To Mineralogy and Petrology</i> , 2003, 145, 87-106.	1.2	34
904	The 'Profile' method of calculating the composition of solid in magma fractionation, and its application to an alkaline volcano. <i>Contributions To Mineralogy and Petrology</i> , 2003, 145, 742-751.	1.2	1
905	Intra-oceanic production of continental crust in a Th-depleted ca. 3.0?Ga arc complex, western Superior Province, Canada. <i>Contributions To Mineralogy and Petrology</i> , 2003, 146, 78-99.	1.2	14

#	ARTICLE	IF	CITATIONS
906	Geochemical and Sr-Nd isotopic evidence for the genesis of the Late Cainozoic Almopia volcanic rocks (Central Macedonia, Greece). <i>Mineralogy and Petrology</i> , 2003, 78, 21-36.	0.4	14
907	Magma mixing in the Sithonia Plutonic Complex, Greece: evidence from mafic microgranular enclaves. <i>Mineralogy and Petrology</i> , 2003, 78, 173-200.	0.4	162
908	The north-south propagating spreading center of the North Fiji Basin. Modeling of the geochemical evolution in periodically replenished and tapped magma chambers. <i>Mineralogy and Petrology</i> , 2003, 79, 203-224.	0.4	8
909	Permian volcanism in the Central Western Carpathians (Slovakia): Basin-and-Range type rifting in the southern Laurussian margin. <i>International Journal of Earth Sciences</i> , 2003, 92, 27-35.	0.9	19
910	Flux versus decompression melting at stratovolcanoes in southeastern Guatemala. <i>Journal of Volcanology and Geothermal Research</i> , 2003, 119, 21-50.	0.8	90
911	Eocene melting of Precambrian lithospheric mantle: Analcime-bearing volcanic rocks from the Challis-Kamloops belt of south central British Columbia. <i>Journal of Volcanology and Geothermal Research</i> , 2003, 126, 303-326.	0.8	41
912	Source mantle heterogeneity and its role in the genesis of Late Archaean-Proterozoic (2.7-1.0 Ga) and Mesozoic (200 and 130 Ma) tholeiitic magmatism in the South American Platform. <i>Earth-Science Reviews</i> , 2003, 62, 365-397.	4.0	36
913	Magma genesis at the Eocene Electric Peak-Sepulcher Mountain complex, Absaroka Volcanic Province, USA. <i>Lithos</i> , 2003, 67, 53-76.	0.6	8
914	Oxygen isotope evidence for crustal assimilation and magma mixing in the Granite Harbour Intrusives, Northern Victoria Land, Antarctica. <i>Lithos</i> , 2003, 67, 135-151.	0.6	20
915	Lower crustal melting and the role of open-system processes in the genesis of syn-orogenic quartz diorite-granite-leucogranite associations: constraints from Sr-Nd-O isotopes from the Bandombaai Complex, Namibia. <i>Lithos</i> , 2003, 67, 205-226.	0.6	81
916	A Reappraisal of Rb, Y, Zr, Pb and Th Values in Geochemical Reference Material BHVO-1. <i>Geostandards and Geoanalytical Research</i> , 2003, 27, 181-192.	1.7	8
917	Geochemistry of late Mesozoic lamprophyre dykes from the Taihang Mountains, north China, and implications for the sub-continental lithospheric mantle. <i>Geological Magazine</i> , 2003, 140, 87-93.	0.9	71
918	Sr-Nd isotopic characteristics of the Mesozoic magmatism in the Taihang-Yanshan orogen, North China craton, and implications for Archaean lithosphere thinning. <i>Journal of the Geological Society</i> , 2003, 160, 963-970.	0.9	79
919	Roof assimilation at fast spreading ridges: An investigation combining geophysical, geochemical, and field evidence. <i>Journal of Geophysical Research</i> , 2003, 108, ECV 2-1-ECV 2-14.	3.3	60
920	Energy-constrained open-system magmatic processes IV: Geochemical, thermal and mass consequences of energy-constrained recharge, assimilation and fractional crystallization (EC-RAFC). <i>Geochemistry, Geophysics, Geosystems</i> , 2003, 4, .	1.0	43
921	Temporal control of subduction magmatism in the eastern Trans-Mexican Volcanic Belt: Mantle sources, slab contributions, and crustal contamination. <i>Geochemistry, Geophysics, Geosystems</i> , 2003, 4, .	1.0	95
922	Geochemical modeling of dehydration and partial melting of subducting lithosphere: Toward a comprehensive understanding of high-Mg andesite formation in the Setouchi volcanic belt, SW Japan. <i>Geochemistry, Geophysics, Geosystems</i> , 2003, 4, n/a-n/a.	1.0	150
923	Petrogenesis of the Largest Intraplate Volcanic Field on the Arabian Plate (Jordan): a Mixed Lithosphere-Asthenosphere Source Activated by Lithospheric Extension. <i>Journal of Petrology</i> , 2003, 44, 1657-1679.	1.1	208

#	ARTICLE	IF	CITATIONS
924	Relationships between Mafic and Peralkaline Silicic Magmatism in Continental Rift Settings: a Petrological, Geochemical and Isotopic Study of the Gedemsa Volcano, Central Ethiopian Rift. <i>Journal of Petrology</i> , 2003, 44, 2003-2032.	1.1	373
925	Cenozoic Volcanism in Tibet: Evidence for a Transition from Oceanic to Continental Subduction. <i>Journal of Petrology</i> , 2003, 44, 1833-1865.	1.1	505
926	Geochemistry of Mesozoic Mafic Rocks Adjacent to the Chenzhou-Linwu fault, South China: Implications for the Lithospheric Boundary between the Yangtze and Cathaysia Blocks. <i>International Geology Review</i> , 2003, 45, 263-286.	1.1	271
927	Petrogenesis of the Post-kinematic Magmatism of the Central Finland Granitoid Complex II; Sources and Magmatic Evolution. <i>Journal of Petrology</i> , 2003, 44, 1681-1701.	1.1	22
928	Theistareykir revisited. <i>Geochemistry, Geophysics, Geosystems</i> , 2003, 4, .	1.0	142
929	Geochemistry of Cenozoic basalts in the Fukuoka district (northern Kyushu, Japan): implications for asthenosphere and lithospheric mantle interaction. <i>Chemical Geology</i> , 2003, 198, 249-268.	1.4	53
930	A Permian underplating event in late- to post-orogenic tectonic setting. Evidence from the mafic-ultramafic layered xenoliths from Beaunit (French Massif Central). <i>Chemical Geology</i> , 2003, 199, 293-315.	1.4	59
931	Petrology and geochemistry of the Lyngdal granodiorite (Southern Norway) and the role of fractional crystallisation in the genesis of Proterozoic ferro-potassic A-type granites. <i>Precambrian Research</i> , 2003, 124, 149-184.	1.2	66
932	The tholeiitic dyke swarm of the Arraial do Cabo peninsula (SE Brazil): $^{39}\text{Ar}/^{40}\text{Ar}$ ages, petrogenesis, and regional significance. <i>Journal of South American Earth Sciences</i> , 2003, 16, 163-176.	0.6	28
933	Carbonatite and Alkaline Magmatism in Taourirt (Morocco): Petrological, Geochemical and Sr-Nd Isotope Characteristics. <i>Journal of Petrology</i> , 2003, 44, 937-965.	1.1	53
934	Crustal recycling during subduction at the Eocene Cordilleran margin of North America: a petrogenetic study from the southwestern Yukon. <i>Canadian Journal of Earth Sciences</i> , 2003, 40, 1805-1821.	0.6	10
935	Pleistocene magmatism in a lithospheric transition area: petrogenesis of alkaline and peralkaline lavas from the Baringo-Bogoria Basin, central Kenya Rift. <i>Canadian Journal of Earth Sciences</i> , 2003, 40, 1239-1257.	0.6	19
936	Rates and Processes of Potassic Magma Evolution beneath Sangeang Api Volcano, East Sunda Arc, Indonesia. <i>Journal of Petrology</i> , 2003, 44, 491-515.	1.1	89
937	The Petrogenesis of A-type Magmas from the Amram Massif, Southern Israel. <i>Journal of Petrology</i> , 2003, 44, 815-832.	1.1	268
938	Trace Element and Sr, Nd, Pb and O Isotope Variations in Medium-K and High-K Volcanic Rocks from Merapi Volcano, Central Java, Indonesia: Evidence for the Involvement of Subducted Sediments in Sunda Arc Magma Genesis. <i>Journal of Petrology</i> , 2003, 44, 457-489.	1.1	158
939	Geochemistry of the Othris Ophiolite, Greece: Evidence for Refertilization?. <i>Journal of Petrology</i> , 2003, 44, 1759-1785.	1.1	99
940	Geochemical Evolution of the Soufriere Hills Volcano, Montserrat, Lesser Antilles Volcanic Arc. <i>Journal of Petrology</i> , 2003, 44, 1349-1374.	1.1	113
941	Along-strike variation in the Aleutian Island Arc: Genesis of high Mg# andesite and implications for continental crust. <i>Geophysical Monograph Series</i> , 2003, , 223-276.	0.1	206

#	ARTICLE	IF	CITATIONS
942	Petrogenesis of Cenozoic Basalts from Mongolia: Evidence for the Role of Asthenospheric versus Metasomatized Lithospheric Mantle Sources. <i>Journal of Petrology</i> , 2003, 44, 55-91.	1.1	182
943	Crustal contribution to the genesis of Ethiopian plateau rhyolitic ignimbrites: basalt and rhyolite geochemical provinciality. <i>Journal of the Geological Society</i> , 2003, 160, 47-56.	0.9	66
944	Geochemistry of the Early Jurassic Messejana-Plasencia dyke (Portugal-Spain); Implications on the Origin of the Central Atlantic Magmatic Province. <i>Journal of Petrology</i> , 2003, 44, 547-568.	1.1	78
945	The Appinite-Migmatite Complex of Sanabria, NW Iberian Massif, Spain. <i>Journal of Petrology</i> , 2003, 44, 1309-1344.	1.1	80
946	Magma ascent rates and depths of crustal magma reservoirs beneath the Aeolian volcanic Arc (Italy): Inferences from fluid and melt inclusions in xenoliths. <i>Developments in Volcanology</i> , 2003, 5, 185-205.	0.5	12
947	Continental setting inferred for emplacement of the 2.9–2.7 Ga Belingwe Greenstone Belt, Zimbabwe. <i>Geology</i> , 2003, 31, 295.	2.0	39
948	A geochemical and Sr-Nd-O isotopic study of the Proterozoic Eriksfjord Basalts, Gardar Province, South Greenland: Reconstruction of an OIB signature in crustally contaminated rift-related basalts. <i>Mineralogical Magazine</i> , 2003, 67, 831-853.	0.6	37
949	Geochemical provinciality in the Cretaceous basaltic magmatism of Northern Madagascar: mantle source implications. <i>Journal of the Geological Society</i> , 2003, 160, 477-488.	0.9	21
950	Geochemistry of early Mesozoic potassium-rich diorites-granodiorites in southeastern Hunan Province, South China: Petrogenesis and tectonic implications. <i>Geochemical Journal</i> , 2003, 37, 427-448.	0.5	70
951	Petrochemical and Sr-Nd isotope investigations of Cretaceous intrusive rocks and their enclaves in the Togouchi-Yoshiwa district, northwest Hiroshima prefecture, SW Japan. <i>Geochemical Journal</i> , 2003, 37, 449-470.	0.5	9
952	Behavior of subducting sediments beneath an arc under a high geothermal gradient: Constraints from the Miocene SW Japan arc. <i>Geochemical Journal</i> , 2003, 37, 503-518.	0.5	27
953	The Role of Continental Crust and Lithospheric Mantle in the Genesis of Cameroon Volcanic Line Lavas: Constraints from Isotopic Variations in Lavas and Megacrysts from the Biu and Jos Plateaux. <i>Journal of Petrology</i> , 2004, 46, 169-190.	1.1	86
954	Petrogenesis of Pre-caldera Mafic Lavas, Jemez Mountains Volcanic Field (New Mexico, USA). <i>Journal of Petrology</i> , 2004, 46, 407-439.	1.1	26
955	Layered Lithospheric Mantle Beneath the Ontong Java Plateau: Implications from Xenoliths in Alnöite, Malaita, Solomon Islands. <i>Journal of Petrology</i> , 2004, 45, 2011-2044.	1.1	63
956	Geochemical Constraints on the Petrogenesis of Cenozoic I-Type Granitoids in Northwest Anatolia, Turkey: Evidence for Magma Generation by Lithospheric Delamination in a Post-Collisional Setting. <i>International Geology Review</i> , 2004, 46, 705-729.	1.1	82
957	Interaction of Asthenospheric and Lithospheric Mantle: The Genesis of Calc-alkaline Volcanism at Erciyes Volcano, Central Anatolia, Turkey. <i>International Geology Review</i> , 2004, 46, 243-258.	1.1	23
958	Evolution and Genesis of Magmas from Vico Volcano, Central Italy: Multiple Differentiation Pathways and Variable Parental Magmas. <i>Journal of Petrology</i> , 2004, 45, 139-182.	1.1	107
959	A new paradigm for granite generation. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 2004, 95, 11-22.	0.3	36

#	ARTICLE	IF	CITATIONS
960	Silica-rich Melts in Quartz Xenoliths from Vulcano Island and their Bearing on Processes of Crustal Anatexis and Crust-Magma Interaction beneath the Aeolian Arc, Southern Italy. <i>Journal of Petrology</i> , 2004, 45, 3-26.	1.1	42
961	Volcanic-plutonic links, plutons as magma chambers and crust-mantle interaction: a lithospheric scale view of magma systems. , 2004, , .		2
962	Volcanic-plutonic links, plutons as magma chambers and crust-mantle interaction: a lithospheric scale view of magma systems. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 2004, 95, 357-374.	0.3	17
963	Possible source rocks of Mesozoic granites in South Korea: implications for crustal evolution in NE Asia. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 2004, 95, 181-198.	0.3	19
964	Laurentian crustal recycling in the Ordovician Grampian Orogeny: Nd isotopic evidence from western Ireland. <i>Geological Magazine</i> , 2004, 141, 195-207.	0.9	46
965	Geochemical Constraints on Possible Subduction Components in Lavas of Mayon and Taal Volcanoes, Southern Luzon, Philippines. <i>Journal of Petrology</i> , 2004, 45, 1089-1108.	1.1	74
966	A new paradigm for granite generation. , 2004, , .		9
967	Carboniferous-Permian mafic magmatism in the Variscan belt of Spain and France: implications for mantle sources. <i>Geological Society Special Publication</i> , 2004, 223, 415-438.	0.8	21
968	Open-System Magma Chamber Evolution: an Energy-constrained Geochemical Model Incorporating the Effects of Concurrent Eruption, Recharge, Variable Assimilation and Fractional Crystallization (EC-E'RAÂFC). <i>Journal of Petrology</i> , 2004, 45, 2459-2480.	1.1	100
969	Partial assimilative recycling of the mafic plutonic roots of arc volcanoes: An example from the Chilean Andes. <i>Geology</i> , 2004, 32, 773.	2.0	144
970	Possible source rocks of Mesozoic granites in South Korea: implications for crustal evolution in NE Asia. , 2004, , .		1
971	The Role of Open-System Processes in the Development of Silicic Magma Chambers: a Chemical and Isotopic Investigation of the Fogo A Trachyte Deposit, Sao Miguel, Azores. <i>Journal of Petrology</i> , 2004, 45, 723-738.	1.1	34
972	Sr, Nd and Pb isotope and geochemical data from the Quaternary Nevado de Toluca volcano, a source of recent adakitic magmatism, and the Tenango Volcanic Field, Mexico. <i>Journal of Volcanology and Geothermal Research</i> , 2004, 138, 77-110.	0.8	57
973	Monzonitic series from the Variscan Tormes Dome (Central Iberian Zone): petrogenetic evolution from monzogabbro to granite magmas. <i>Lithos</i> , 2004, 72, 19-44.	0.6	56
974	Evolution and genesis of calc-alkaline magmas at Filicudi Volcano, Aeolian Arc (Southern Tyrrhenian) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.6	23
975	Crustal contamination of mafic magmas: evidence from a petrological, geochemical and Sr?Nd?Os?O isotopic study of the Proterozoic Isortoq dike swarm, South Greenland. <i>Lithos</i> , 2004, 74, 199-232.	0.6	69
976	Assimilation and crystal accumulation in a mid-crustal magma chamber: the Sausfjellet pluton, north-central Norway. <i>Lithos</i> , 2004, 75, 389-412.	0.6	30
977	Sr-?Nd-?Pb-?O isotopic evidence for decreasing crustal contamination with ongoing magma evolution at Alicudi volcano (Aeolian arc, Italy): implications for style of magma-crust interaction and for mantle source compositions. <i>Lithos</i> , 2004, 78, 217-233.	0.6	50

#	ARTICLE	IF	CITATIONS
978	Melt extraction and accumulation from partially molten rocks. <i>Lithos</i> , 2004, 78, 25-42.	0.6	87
979	Petrology of high-Mg, low-Ti igneous rocks of the Glenelg River Complex (SE Australia) and the nature of their interaction with crustal melts. <i>Lithos</i> , 2004, 78, 119-156.	0.6	34
980	Magma-mixing in the genesis of Hercynian calc-alkaline granitoids: an integrated petrographic and geochemical study of the Sázava intrusion, Central Bohemian Pluton, Czech Republic. <i>Lithos</i> , 2004, 78, 67-99.	0.6	224
981	Experimental study on the effects of crustal temperature and composition on assimilation with fractional crystallization at the floor of magma chambers. <i>Journal of Volcanology and Geothermal Research</i> , 2004, 129, 155-172.	0.8	11
982	Geochemistry, Sr-Nd isotope composition, and tectonic setting of Holocene Pelado, Guespalapa and Chichinautzin scoria cones, south of Mexico City. <i>Journal of Volcanology and Geothermal Research</i> , 2004, 130, 197-226.	0.8	95
983	Assimilation and high-pressure fractional crystallization (AFC) recorded by Paleo-proterozoic mafic dykes, Southeast Greenland. <i>Lithos</i> , 2004, 72, 1-18.	0.6	14
984	Late orogenic magmatism and sedimentation within Late Carboniferous to Early Permian basins in the Balkan terrane (Bulgaria): geodynamic implications. <i>International Journal of Earth Sciences</i> , 2004, 93, 500.	0.9	18
985	Early Cretaceous gabbroic complex from Yinan, Shandong Province: petrogenesis and mantle domains beneath the North China Craton. <i>International Journal of Earth Sciences</i> , 2004, 93, 1025-1041.	0.9	134
986	Timing of post-collisional H-type to A-type granitic magmatism: U-Pb titanite ages from the Alpine central Anatolian granitoids (Turkey). <i>International Journal of Earth Sciences</i> , 2004, 93, 974-989.	0.9	89
987	Geochemical and isotopic characteristics of the Cretaceous Orikabe Plutonic Complex, Kitakami Mountains, Japan: magmatic evolution in a zoned pluton and significance of a subduction-related mafic parental magma. <i>Contributions To Mineralogy and Petrology</i> , 2004, 146, 433-449.	1.2	16
989	Magma plumbing systems in large igneous provinces: Inferences from cyclical variations in Palaeogene East Greenland basalts. <i>Contributions To Mineralogy and Petrology</i> , 2004, 147, 438-452.	1.2	30
990	The case for Archaean boninites. <i>Contributions To Mineralogy and Petrology</i> , 2004, 147, 705-721.	1.2	100
991	Mechanisms and rates of quartz dissolution in melts in the CMAS (CaO-MgO-Al <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> ) system. <i>Contributions To Mineralogy and Petrology</i> , 2004, 148, 180-200.	1.2	22
992	Pre-eruptive magma mixing in ash-flow deposits of the Tertiary Rum Igneous Centre, Scotland. <i>Contributions To Mineralogy and Petrology</i> , 2004, 147, 722-739.	1.2	52
993	Shear zone-related syenites in the Damara belt (Namibia): the role of crustal contamination and source composition. <i>Contributions To Mineralogy and Petrology</i> , 2004, 148, 104-121.	1.2	19
994	Crust-mantle interaction during the tectono-thermal reactivation of the North China Craton: constraints from SHRIMP zircon U-Pb chronology and geochemistry of Mesozoic plutons from western Shandong. <i>Contributions To Mineralogy and Petrology</i> , 2004, 147, 750-767.	1.2	279
995	Oxygen isotope geochemistry of pyroclastic clinopyroxene monitors carbonate contributions to Roman-type ultrapotassic magmas. <i>Contributions To Mineralogy and Petrology</i> , 2004, 148, 247-263.	1.2	61
996	The Lyngen Gabbro: the lower crust of an Ordovician Incipient Arc. <i>Contributions To Mineralogy and Petrology</i> , 2004, 148, 358-379.	1.2	17



#	ARTICLE	IF	CITATIONS
997	Petrogenesis of the Mesozoic intrusive complexes from the southern Taihang Orogen, North China Craton: elemental and Sr <sup>87</sup> / <sup>86</sup> Nd <sup>143</sup> / <sup>142</sup> and Pb isotopic constraints. <i>Contributions To Mineralogy and Petrology</i> , 2004, 148, 489-501.	1.2	140
998	Continental back-arc basin origin of some ophiolites from the Eastern Desert of Egypt. <i>Mineralogy and Petrology</i> , 2004, 82, 81-104.	0.4	78
999	The carbonatite-marble dykes of Abyan Province, Yemen Republic: the mixing of mantle and crustal carbonate materials revealed by isotope and trace element analysis. <i>Mineralogy and Petrology</i> , 2004, 82, 105-135.	0.4	24
1000	Cenozoic continental arc magmatism and associated mineralization in Ecuador. <i>Mineralium Deposita</i> , 2004, 39, 204-222.	1.7	70
1001	Origin, age and petrogenesis of Neoproterozoic composite dikes from the Arabian-Nubian Shield, SW Jordan. <i>Geological Journal</i> , 2004, 39, 157-178.	0.6	24
1002	Nature of the Source Regions for Post-collisional, Potassic Magmatism in Southern and Northern Tibet from Geochemical Variations and Inverse Trace Element Modelling. <i>Journal of Petrology</i> , 2004, 45, 555-607.	1.1	309
1003	The Gronnedal-Ika Carbonatite-Syenite Complex, South Greenland: Carbonatite Formation by Liquid Immiscibility. <i>Journal of Petrology</i> , 2004, 46, 191-217.	1.1	109
1004	Ophiolitic Peridotites of the Alpine-Apennine System: Mantle Processes and Geodynamic Relevance. <i>International Geology Review</i> , 2004, 46, 1119-1159.	1.1	82
1005	Crustal Evolution along the Early Ordovician Proto-Andean Margin of Gondwana: Trace Element and Isotope Evidence from the Complejo Igneo Pocitos (Northwest Argentina). <i>Journal of Geology</i> , 2004, 112, 503-520.	0.7	44
1006	U <sup>235</sup> / <sup>238</sup> Pb zircon ages and Nd, Sr, and Pb isotopes of lower crustal xenoliths from North China Craton: insights on evolution of lower continental crust. <i>Chemical Geology</i> , 2004, 211, 87-109.	1.4	228
1007	Particularités de la contamination crustale des phonolites : exemple du Velay oriental (Massif) <i>Tectonophysics</i> , 2004, 397, 101-110.	0.4	7
1008	Li isotopic variations in single pyroxenes from the Northwest Africa 480 shergottite (NWA 480): a record of degassing of Martian magmas?. <i>Geochimica Et Cosmochimica Acta</i> , 2004, 68, 2925-2933.	1.6	53
1009	Sources and genesis of the Chinkuashih Au-Cu deposits in northern Taiwan: constraints from Os and Sr isotopic compositions of sulfides. <i>Earth and Planetary Science Letters</i> , 2004, 222, 71-83.	1.8	11
1010	Tectonic and metallogenic importance of an Archean composite high- and low-Al tonalite suite, Western Superior Province, Canada. <i>Precambrian Research</i> , 2004, 132, 275-301.	1.2	43
1011	The backarc mantle lithosphere in Patagonia, South America. <i>Journal of South American Earth Sciences</i> , 2004, 17, 121-152.	0.6	46
1012	Origin of magnetite- and ilmenite-series granitic rocks in the Japan Arc. <i>Numerische Mathematik</i> , 2004, 304, 169-202.	0.7	68
1013	Isotopic Constraints on Biogeochemical Cycling of Fe. <i>Reviews in Mineralogy and Geochemistry</i> , 2004, 55, 359-408.	2.2	105
1014	Geochronology, petrology and geochemistry of the granulite xenoliths from Nushan, east China. <i>Geochimica Et Cosmochimica Acta</i> , 2004, 68, 127-149.	1.6	134

#	ARTICLE	IF	CITATIONS
1015	Hf–Nd isotope decoupling in the oceanic lithosphere: constraints from spinel peridotites from Oahu, Hawaii†. <i>Earth and Planetary Science Letters</i> , 2004, 217, 43-58.	1.8	108
1016	Origin of adakitic intrusives generated during mid-Miocene east–west extension in southern Tibet. <i>Earth and Planetary Science Letters</i> , 2004, 220, 139-155.	1.8	801
1017	Oxygen and Hydrogen Isotope Stratigraphy of the Rustenburg Layered Suite, Bushveld Complex: Constraints on Crustal Contamination. <i>Journal of Petrology</i> , 2004, 46, 579-601.	1.1	94
1018	Petrogenesis of calc-alkaline and shoshonitic post-collisional Oligocene volcanics of the Cover Series of the Sesia Zone, Western Italian Alps. <i>Geodinamica Acta</i> , 2004, 17, 1-29.	2.2	34
1019	A new paradigm for granite generation. <i>Transactions of the Royal Society of Edinburgh: Earth Sciences</i> , 2004, 95, 11.	1.0	22
1020	Possible source rocks of Mesozoic granites in South Korea: implications for crustal evolution in NE Asia. <i>Transactions of the Royal Society of Edinburgh: Earth Sciences</i> , 2004, 95, 181.	1.0	10
1021	Volcanic–plutonic links, plutons as magma chambers and crust–mantle interaction: a lithospheric scale view of magma systems. <i>Transactions of the Royal Society of Edinburgh: Earth Sciences</i> , 2004, 95, 357.	1.0	8
1022	Genesis of the carbonatite-syenite complex and REE deposit at Maoniuping, Sichuan Province, China: Evidence from Pb isotope geochemistry. <i>Geochemical Journal</i> , 2004, 38, 67-76.	0.5	18
1023	Petrogenesis of Cogenetic Nepheline and Quartz Syenites and Granites (Northern Damara Orogen,) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	0.7	29
1024	Neogene and Quaternary volcanism in Western Anatolia: Magma sources and geodynamic evolution. <i>Marine Geology</i> , 2005, 221, 397-421.	0.9	149
1025	Domains and enrichment mechanism of the lithospheric mantle in western Yunnan: A comparative study on two types of Cenozoic ultrapotassic rocks. <i>Science in China Series D: Earth Sciences</i> , 2005, 48, 326-337.	0.9	15
1026	PetroGraph: A new software to visualize, model, and present geochemical data in igneous petrology. <i>Geochemistry, Geophysics, Geosystems</i> , 2005, 6, n/a-n/a.	1.0	98
1027	Partial melting at the earth's surface: implications for assimilation rates and mechanisms in subvolcanic intrusions. <i>Journal of Volcanology and Geothermal Research</i> , 2005, 140, 193-203.	0.8	20
1028	Origin of rhyolite by crustal melting and the nature of parental magmas in the Oligocene Conejos Formation, San Juan Mountains, Colorado, USA. <i>Journal of Volcanology and Geothermal Research</i> , 2005, 139, 185-210.	0.8	18
1029	The Negra Muerta Volcanic Complex, southern Central Andes: geochemical characteristics and magmatic evolution of an episodically active volcanic centre. <i>Journal of Volcanology and Geothermal Research</i> , 2005, 140, 295-320.	0.8	45
1030	The origin of intermediate and evolved lavas in the Marquesas archipelago: an example from Nuku Hiva island (French Polynesia). <i>Journal of Volcanology and Geothermal Research</i> , 2005, 143, 293-317.	0.8	21
1031	The Hudson Volcano and surrounding monogenetic centres (Chilean Patagonia): An example of volcanism associated with ridge–trench collision environment. <i>Journal of Volcanology and Geothermal Research</i> , 2005, 145, 207-233.	0.8	72
1032	Pervasive assimilation of carbonate and silicate rocks in the HortavÅ r igneous complex, north-central Norway. <i>Lithos</i> , 2005, 80, 179-199.	0.6	63

#	ARTICLE	IF	CITATIONS
1033	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.	0.6	139
1034	Geochemistry and petrogenesis of basalts from the West Siberian Basin: an extension of the Permo-Triassic Siberian Traps, Russia. <i>Lithos</i> , 2005, 79, 425-452.	0.6	135
1035	Geochemistry and Sr, Nd, Pb isotopic composition of the Central Atlantic Magmatic Province (CAMP) in Guyana and Guinea. <i>Lithos</i> , 2005, 82, 289-314.	0.6	129
1036	Geochemistry of granitoids and their minerals from Rebordelo-Agrochão area, northern Portugal. <i>Lithos</i> , 2005, 81, 235-254.	0.6	12
1037	Major and trace element and isotopic (Sr, Nd, O) constraints for Pan-African crustally contaminated grey granite gneisses from the southern Kaoko belt, Namibia. <i>Lithos</i> , 2005, 84, 25-50.	0.6	33
1038	Crustal assimilation in basalt and jotunite: Constraints from layered intrusions. <i>Lithos</i> , 2005, 83, 299-316.	0.6	34
1039	Voluminous granitic magmas from common basaltic sources. <i>Contributions To Mineralogy and Petrology</i> , 2005, 148, 635-661.	1.2	920
1040	Insight into the origin of gabbro-dioritic cumulo-phyric aggregates from silicic ignimbrites: Sr and Ba zoning profiles of plagioclase phenocrysts from Oligocene Ethiopian Plateau rhyolites. <i>Contributions To Mineralogy and Petrology</i> , 2005, 149, 233-245.	1.2	19
1041	Contemporaneous eruption of calc-alkaline and alkaline lavas in a continental arc (Eastern Mexican) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Mineralogy and Petrology, 2005, 150, 423-440.	1.2	31
1042	Sources of primitive alkaline volcanic rocks from the Central European Volcanic Province (Rhénan.) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 546-559.	1.2	56
1043	Petrogenesis of syenites at a rifted continental margin: origin, contamination and interaction of alkaline mafic and felsic magmas in the Astrophyllite Bay Complex, East Greenland. <i>Contributions To Mineralogy and Petrology</i> , 2005, 149, 350-371.	1.2	33
1044	Petrogenesis Ágnea de la Faja Volcánica Transmexicana. <i>Boletín De La Sociedad Geológica Mexicana</i> , 2005, 57, 227-283.	0.1	84
1045	Isotope geochemistry of continental rocks. , 2005, , 174-202.		1
1046	EVOLUÇÃO GEOQUÍMICA E PETROGÊNESE DE CHARNOKITOS ÁGNEOS NO CINTURÃO MÃVEL COSTEIRO DO BRASIL. <i>Boletim Paranaense De Geociencias</i> , 0, 57, .	0.0	0
1047	Contemporaneous Trachyandesitic and Calc-alkaline Volcanism of the Huerto Andesite, San Juan Volcanic Field, Colorado, USA. <i>Journal of Petrology</i> , 2005, 46, 859-891.	1.1	35
1048	Temporal Evolution of Magmatism in the Northern Volcanic Zone of the Andes: The Geology and Petrology of Cayambe Volcanic Complex (Ecuador). <i>Journal of Petrology</i> , 2005, 46, 2225-2252.	1.1	91
1049	IGNEOUS PROCESSES. , 2005, , 209-217.		1
1050	Petrology and geochemistry of the Shuiquangou syenitic complex, northern margin of the North China Craton. <i>Journal of the Geological Society</i> , 2005, 162, 203-215.	0.9	57

#	ARTICLE	IF	CITATIONS
1051	Assimilation and Fractional Crystallization Controlled by Transport Process of Crustal Melt: Implications from an Alkali Basaltâ€“Dacite Suite from Rishiri Volcano, Japan. <i>Journal of Petrology</i> , 2005, 46, 1421-1442.	1.1	49
1052	Sr and Nd isotope evidence for successive crustal contamination of Slieve Gullion ring-dyke magmas, Co. Armagh, Ireland. <i>Geological Magazine</i> , 2005, 142, 659-668.	0.9	18
1053	Origin of Exceptionally Abundant Phonolites on Ua Pou Island (Marquesas, French Polynesia): Partial Melting of Basanites Followed by Crustal Contamination. <i>Journal of Petrology</i> , 2005, 46, 1925-1962.	1.1	52
1054	Tertiary high-Mg volcanic rocks from Western Anatolia and their geodynamic significance for the evolution of the Aegean area. <i>Developments in Volcanology</i> , 2005, , 345-362.	0.5	2
1055	Evolution of the Magma Chamber beneath Usu Volcano since 1663: a Natural Laboratory for Observing Changing Phenocryst Compositions and Textures. <i>Journal of Petrology</i> , 2005, 46, 2395-2426.	1.1	59
1056	Reactive bulk assimilation: A model for crust-mantle mixing in silicic magmas. <i>Geology</i> , 2005, 33, 681-684.	2.0	136
1057	Geochronology and Petrogenesis of the Cretaceous Antampombatoâ€“Ambatovy Complex and Associated Dyke Swarm, Madagascar. <i>Journal of Petrology</i> , 2005, 46, 1963-1996.	1.1	73
1058	The Fe <sup>3+</sup> / $\Sigma$ Fe ratios of MORB glasses and their implications for mantle melting. <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 711-725.	1.6	306
1059	Lithium behavior during cooling of a dry basalt: An ion-microprobe study of the lunar meteorite Northwest Africa 479 (NWA 479). <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 5597-5609.	1.6	47
1060	Petrogenesis of the Apollo 14 high-alumina basalts: Implications from ion microprobe analyses. <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 5831-5845.	1.6	12
1061	Petrogenesis of post-orogenic syenites in the Sulu Orogenic Belt, East China: geochronological, geochemical and Ndâ€“Sr isotopic evidence. <i>Chemical Geology</i> , 2005, 214, 99-125.	1.4	355
1062	Petrogenesis of the Linxi granitoids, northern Inner Mongolia of China: constraints on basaltic underplating. <i>Chemical Geology</i> , 2005, 219, 5-35.	1.4	122
1063	Nature of the Mesozoic lithospheric mantle and tectonic decoupling beneath the Dabie Orogen, Central China: Evidence from <sup>40</sup> Ar/ <sup>39</sup> Ar geochronology, elemental and Srâ€“Ndâ€“Pb isotopic compositions of early Cretaceous mafic igneous rocks. <i>Chemical Geology</i> , 2005, 220, 165-189.	1.4	121
1064	Petrogenesis of Early Cretaceous intrusions in the Sulu ultrahigh-pressure orogenic belt, east China and their relationship to lithospheric thinning. <i>Chemical Geology</i> , 2005, 222, 200-231.	1.4	131
1065	Role of lithosphereâ€“asthenosphere interaction in the genesis of Quaternary alkali and tholeiitic basalts from Datong, western North China Craton. <i>Chemical Geology</i> , 2005, 224, 247-271.	1.4	266
1066	Supracrustal input to magmas in the deep crust of Sierra Nevada batholith: Evidence from high-O zircon. <i>Earth and Planetary Science Letters</i> , 2005, 235, 315-330.	1.8	123
1067	Genesis of andesiticâ€“boninitic magmas at mid-ocean ridges by melting of hydrated peridotites: Geochemical evidence from DSDP Site 334 gabbro-norites. <i>Earth and Planetary Science Letters</i> , 2005, 236, 632-653.	1.8	54
1068	Nd isotopic, petrologic and geochemical investigation of the Tulawaka East gold deposit, Tanzanian Craton. <i>Precambrian Research</i> , 2005, 139, 147-163.	1.2	27

#	ARTICLE	IF	CITATIONS
1069	Reactive bulk assimilation: A model for crust-mantle mixing in silicic magmas. <i>Geology</i> , 2005, 33, 681.	2.0	76
1070	Oxygen isotope constraints on the sources of Central American arc lavas. <i>Geochemistry, Geophysics, Geosystems</i> , 2005, 6, n/a-n/a.	1.0	95
1071	Formation of the Jinchuan ultramafic intrusion and the world's third largest Ni-Cu sulfide deposit: Associated with the $\sim 14825$ Ma south China mantle plume?. <i>Geochemistry, Geophysics, Geosystems</i> , 2005, 6, n/a-n/a.	1.0	160
1072	Origin and Source Evolution of the Leucite Hills Lamproites: Evidence from Sr-Nd-Pb-O Isotopic Compositions. <i>Journal of Petrology</i> , 2006, 47, 2463-2489.	1.1	108
1073	Geochemical Evidence for Slab Melting in the Trans-Mexican Volcanic Belt. <i>Journal of Petrology</i> , 2006, 48, 537-562.	1.1	109
1074	Origin of back-arc basin magmas: Trace element and isotope perspectives. <i>Geophysical Monograph Series</i> , 2006, , 63-86.	0.1	195
1075	Chapter 3A Petrology, geochemistry, isotopes. <i>Developments in Geotectonics</i> , 2006, 25, 47-60.	0.3	5
1076	Hybridization of a Shallow 'I-type' Granitoid Pluton and its Host Migmatite by Magma-Chamber Wall Collapse: the Tokuwu Pluton, Central Japan. <i>Journal of Petrology</i> , 2006, 48, 79-111.	1.1	24
1077	Tertiary-Quaternary subduction processes and related magmatism in the Alpine-Mediterranean region. <i>Geological Society Memoir</i> , 2006, 32, 167-190.	0.9	44
1078	Contribution of slab melting and slab dehydration to magmatism in the NE Japan arc for the last 25 Myr: Constraints from geochemistry. <i>Geochemistry, Geophysics, Geosystems</i> , 2006, 7, n/a-n/a.	1.0	176
1079	HIGH-MG ANDESITES IN THE SETOUCHI VOLCANIC BELT, SOUTHWESTERN JAPAN: Analogy to Archean Magmatism and Continental Crust Formation?. <i>Annual Review of Earth and Planetary Sciences</i> , 2006, 34, 467-499.	4.6	317
1080	Low-degree melting of a metasomatized lithospheric mantle for the origin of Cenozoic Yulong monzogranite-porphyry, east Tibet: Geochemical and Sr <sup>87</sup> /Nd <sup>143</sup> /Pb <sup>206</sup> /Hf isotopic constraints. <i>Earth and Planetary Science Letters</i> , 2006, 241, 617-633.	1.8	214
1081	Evidence for hydrothermal venting in Fe isotope compositions of the deep Pacific Ocean through time. <i>Earth and Planetary Science Letters</i> , 2006, 245, 202-217.	1.8	64
1082	Upper mantle isotopic components beneath the Ryukyu arc system: Evidence for $\epsilon$ -back-arc <sup>TM</sup> entrapment of Pacific MORB mantle. <i>Earth and Planetary Science Letters</i> , 2006, 249, 229-240.	1.8	44
1083	Volcanostratigraphy and petrogenesis of the Nemrut stratovolcano (East Anatolian High Plateau): The most recent post-collisional volcanism in Turkey. <i>Chemical Geology</i> , 2006, 226, 189-211.	1.4	104
1084	Multi-stage mixing in subduction zones: Application to Merapi volcano (Java island, Sunda arc). <i>Geochimica Et Cosmochimica Acta</i> , 2006, 70, 723-741.	1.6	19
1085	Geochemical evolution of a shallow magma plumbing system during the last 500 years, Miyakejima volcano, Japan: Constraints from <sup>238</sup> U- <sup>230</sup> Th- <sup>226</sup> Ra systematics. <i>Geochimica Et Cosmochimica Acta</i> , 2006, 70, 2885-2901.	1.6	34
1086	Heat-producing elements in the lunar mantle: Insights from ion microprobe analyses of lunar pyroclastic glasses. <i>Geochimica Et Cosmochimica Acta</i> , 2006, 70, 3457-3476.	1.6	21

#	ARTICLE	IF	CITATIONS
1087	A geochemical approach to model periodically replenished magma chambers: Does oscillatory supply account for the magmatic evolution of EPR 17°–19°S?. <i>Geochimica Et Cosmochimica Acta</i> , 2006, 70, 4783-4796.	1.6	15
1088	Oxygen isotopic studies of the interaction between xenoliths and mafic magma, Voisey's Bay Intrusion, Labrador, Canada. <i>Geochimica Et Cosmochimica Acta</i> , 2006, 70, 4977-4996.	1.6	12
1089	Diffusion induced Li isotopic fractionation during the cooling of magmatic rocks: The case of pyroxene phenocrysts from nakhlite meteorites. <i>Geochimica Et Cosmochimica Acta</i> , 2006, 70, 4813-4825.	1.6	83
1090	The Genesis of Intermediate and Silicic Magmas in Deep Crustal Hot Zones. <i>Journal of Petrology</i> , 2006, 47, 505-539.	1.1	1,551
1091	The Yanbian Terrane (Southern Sichuan Province, SW China): A Neoproterozoic arc assemblage in the western margin of the Yangtze Block. <i>Precambrian Research</i> , 2006, 144, 19-38.	1.2	435
1092	Crustal evolution of the western Minto Block, northern Superior Province, Canada. <i>Precambrian Research</i> , 2006, 145, 229-242.	1.2	24
1093	Petrogenesis of the Kunavaram alkaline complex and the tectonothermal evolution of the neighboring Eastern Ghats Belt granulites, SE India. <i>Precambrian Research</i> , 2006, 150, 73-94.	1.2	24
1094	The mafic layered complex of the KabyÃ© massif (north Togo and north Benin): Evidence of a Pan-African granulitic continental arc root. <i>Precambrian Research</i> , 2006, 151, 101-118.	1.2	40
1095	Sr-Nd-Pb isotopic systems in basalts of the Franz Josef Land Archipelago. <i>Geochemistry International</i> , 2006, 44, 327-337.	0.2	11
1096	Calc-alkaline magmatism of the Omgon Range: Evidence for Early Paleogene extension in the western Kamchatka segment of the Eurasian continental margin. <i>Petrology</i> , 2006, 14, 154-186.	0.2	7
1097	Eruptive history and petrologic evolution of the Albano multiple maar (Alban Hills, Central Italy). <i>Bulletin of Volcanology</i> , 2006, 68, 567-591.	1.1	101
1098	Sr and Nd isotope systematics of Francistown plutonic rocks, Botswana: implications for Neoproterozoic crustal evolution of the Zimbabwe craton. <i>International Journal of Earth Sciences</i> , 2006, 95, 355-369.	0.9	16
1099	The geochemical variations of mid-Cretaceous lavas across western Shandong Province, China and their tectonic implications. <i>International Journal of Earth Sciences</i> , 2006, 95, 68-79.	0.9	24
1100	Deciphering the source and contamination history of peraluminous magmas using $\delta^{18}O$ of accessory minerals: examples from garnet-bearing plutons of the Sierra Nevada batholith. <i>Contributions To Mineralogy and Petrology</i> , 2006, 151, 20-44.	1.2	53
1101	Geochemistry of silicic magmas in the Macolod Corridor, SW Luzon, Philippines: evidence of distinct, mantle-derived, crustal sources for silicic magmas. <i>Contributions To Mineralogy and Petrology</i> , 2006, 151, 267-281.	1.2	27
1102	Trapped intercumulus liquid in the Main Zone of the eastern Bushveld Complex, South Africa. <i>Contributions To Mineralogy and Petrology</i> , 2006, 151, 352-369.	1.2	28
1103	Mesoproterozoic rifting and Pan-African continental collision in SE India: evidence from the Khariar alkaline complex. <i>Contributions To Mineralogy and Petrology</i> , 2006, 151, 434-456.	1.2	71
1104	Magma genesis and crustal contamination of continental intraplate lavas in northwestern Syria. <i>Contributions To Mineralogy and Petrology</i> , 2006, 151, 698-716.	1.2	59

#	ARTICLE	IF	CITATIONS
1105	Isotopic and geophysical constraints on the structure and evolution of the Clear Lake volcanic system. <i>Journal of Volcanology and Geothermal Research</i> , 2006, 153, 331-356.	0.8	20
1106	Origin of silicic magmas along the Central American volcanic front: Genetic relationship to mafic melts. <i>Journal of Volcanology and Geothermal Research</i> , 2006, 156, 217-228.	0.8	46
1107	Petrogenesis of silicic magmatism related to the $\sim 4.44$ Ga rifting of Archean crust in Koillismaa, eastern Finland. <i>Lithos</i> , 2006, 86, 137-166.	0.6	33
1108	Geochemistry of volcanic rocks from the Geysers geothermal area, California Coast Ranges. <i>Lithos</i> , 2006, 87, 80-103.	0.6	13
1109	Interaction between mantle-derived and crustal calc-alkaline magmas in the petrogenesis of the Paleocene Sifton Range volcanic complex, Yukon, Canada. <i>Lithos</i> , 2006, 87, 104-134.	0.6	13
1110	Time-dependent geochemistry of clinopyroxene from the Alban Hills (Central Italy): Clues to the source and evolution of ultrapotassic magmas. <i>Lithos</i> , 2006, 86, 330-346.	0.6	97
1111	Early Cretaceous gabbroic rocks from the Taihang Mountains: Implications for a paleosubduction-related lithospheric mantle beneath the central North China Craton. <i>Lithos</i> , 2006, 86, 281-302.	0.6	98
1112	Spatial, temporal and geochemical characteristics of Silurian collision-zone magmatism, Newfoundland Appalachians: An example of a rapidly evolving magmatic system related to slab break-off. <i>Lithos</i> , 2006, 89, 377-404.	0.6	172
1113	Petrogenesis and tectonic setting of the peralkaline Pine Canyon caldera, Trans-Pecos Texas, USA. <i>Lithos</i> , 2006, 91, 74-94.	0.6	33
1114	Temporal evolution of a long-lived syenitic centre: The Kangerlussuaq Alkaline Complex, East Greenland. <i>Lithos</i> , 2006, 92, 276-299.	0.6	20
1115	Depth of origin of late Middle Jurassic garnet andesite, southern Klamath Mountains, California. , 2006, , .		4
1116	Tertiary volcanic rocks from Samothraki island (north Aegean, Greece): Sr and Nd isotope constraints on their evolution. , 2006, , .		3
1117	Magma-crust interactions and magma plumbing in a postcollisional setting: Geochemical evidence from the Erzurum-Kars volcanic plateau, eastern Turkey. , 2006, , .		30
1118	Overlap of Karoo and Ferrar Magma Types in KwaZulu-Natal, South Africa. <i>Journal of Petrology</i> , 2006, 47, 541-566.	1.1	67
1119	The Petrology and Geochemistry of Oto-Zan Composite Lava Flow on Shodo-Shima Island, SW Japan: Remelting of a Solidified High-Mg Andesite Magma. <i>Journal of Petrology</i> , 2006, 47, 595-629.	1.1	58
1120	Low-pressure Granulites of the LiÅov Massif, Southern Bohemia: VisÃ©an Metamorphism of Late Devonian Plutonic Arc Rocks. <i>Journal of Petrology</i> , 2006, 47, 705-744.	1.1	98
1121	The San PedroÃ©Cerro Grande volcanic complex (Nayarit, MÃ©xico): Inferences on volcanology and magma evolution. , 2006, , .		1
1122	Eocene volcanism above a depleted mantle slab window in southern Alaska. <i>Bulletin of the Geological Society of America</i> , 2006, 118, 140-158.	1.6	91

#	ARTICLE	IF	CITATIONS
1123	Slab break-off and syncollisional origin of the Late Cretaceous magmatism in the Central Anatolian crystalline complex, Turkey. , 2006, , .		32
1124	The petrogenesis of the Apollo 14 high-Al mare basalts. <i>American Mineralogist</i> , 2006, 91, 1521-1535.	0.9	47
1125	Geochemical Constraints on the Origin of Volcanic Rocks from the Andean Northern Volcanic Zone, Ecuador. <i>Journal of Petrology</i> , 2006, 47, 1147-1175.	1.1	88
1126	Major and trace elements geochemistry of basalts and trachyphonolites from Huahine Island, Society archipelago (French Polynesia). <i>Bulletin - Societie Geologique De France</i> , 2006, 177, 179-190.	0.9	1
1127	The Origin of HIMU in the SW Pacific: Evidence from Intraplate Volcanism in Southern New Zealand and Subantarctic Islands. <i>Journal of Petrology</i> , 2006, 47, 1673-1704.	1.1	132
1128	Extreme U-Th Disequilibrium in Rift-Related Basalts, Rhyolites and Granophyric Granite and the Timescale of Rhyolite Generation, Intrusion and Crystallization at Alid Volcanic Center, Eritrea. <i>Journal of Petrology</i> , 2006, 47, 2105-2122.	1.1	39
1129	A Complex Petrogenesis for an Arc Magmatic Suite, St Kitts, Lesser Antilles. <i>Journal of Petrology</i> , 2007, 48, 3-42.	1.1	40
1130	Magmatic and Crustal Differentiation History of Granitic Rocks from Hf-O Isotopes in Zircon. <i>Science</i> , 2007, 315, 980-983.	6.0	1,154
1131	Contrasting mantle sources and processes involved in a peri-Gondwanan terrane: A case study of pre-Variscan mafic intrusives from the autochthon of the Central Iberian Zone. , 2007, , .		2
1132	The Miocene granitoid rocks of Mt. Bukulja (central Serbia): evidence for pannonian extension-related granitoid magmatism in the northern Dinarides. <i>European Journal of Mineralogy</i> , 2007, 19, 513-532.	0.4	26
1133	Rates of Thermal and Chemical Evolution of Magmas in a Cooling Magma Chamber: a Chronological and Theoretical Study on Basaltic and Andesitic Lavas from Rishiri Volcano, Japan. <i>Journal of Petrology</i> , 2007, 48, 1295-1319.	1.1	24
1134	Incompatible element ratios in French Polynesia basalts: describing mantle component fingerprints. <i>Australian Journal of Earth Sciences</i> , 2007, 54, 947-958.	0.4	16
1135	Calc-Alkaline Magmatism at the Archean-Proterozoic Transition: the Caic <sup>3</sup> Complex Basement (NE) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.1	118
1136	VOLUMINOUS STOPING IN THE MITCHELL PEAK GRANODIORITE, SIERRA NEVADA BATHOLITH, CALIFORNIA, USA. <i>Canadian Mineralogist</i> , 2007, 45, 87-106.	0.3	16
1137	The LaRonde Penna Au-Rich Volcanogenic Massive Sulfide Deposit, Abitibi Greenstone Belt, Quebec: Part II. Litho-geochemistry and Paleotectonic Setting. <i>Economic Geology</i> , 2007, 102, 611-631.	1.8	42
1138	The Notre Dame arc and the Taconic orogeny in Newfoundland. <i>Memoir of the Geological Society of America</i> , 2007, , 511-552.	0.5	93
1139	Igneous petrogenesis of the Trans-Mexican Volcanic Belt. , 2007, , .		74
1140	Geochemistry of Neoproterozoic mafic intrusions in the Panzihua district (Sichuan Province, SW) Tj ETQq1 1 0.784314 rgBT /Overlock	1.2	515



#	ARTICLE	IF	CITATIONS
1141	LA-ICP-MS U-Pb zircon geochronology and geochemistry of Paleoproterozoic mafic dykes from western Shandong Province: Implications for back-arc basin magmatism in the Eastern Block, North China Craton. <i>Precambrian Research</i> , 2007, 154, 107-124.	1.2	76
1142	High Fe-Ti mafic magmatism and tectonic setting of the Paleoproterozoic Broken Hill Block, NSW, Australia. <i>Precambrian Research</i> , 2007, 156, 55-84.	1.2	17
1143	ASSIMILATION OF XENOCRYSTS IN GRANITIC MAGMAS: PRINCIPLES, PROCESSES, PROXIES, AND PROBLEMS. <i>Canadian Mineralogist</i> , 2007, 45, 5-30.	0.3	58
1144	The Li isotopic composition of Oldoinyo Lengai: Nature of the mantle sources and lack of isotopic fractionation during carbonatite petrogenesis. <i>Earth and Planetary Science Letters</i> , 2007, 254, 77-89.	1.8	66
1145	Olivine-hosted melt inclusions and melting processes beneath the FAMOUS zone (Mid-Atlantic Ridge). <i>Chemical Geology</i> , 2007, 240, 129-150.	1.4	42
1146	U-Th-Ra fractionation during crustal-level andesite formation at Ruapehu volcano, New Zealand. <i>Chemical Geology</i> , 2007, 244, 437-451.	1.4	29
1147	Effects of prolonged flat subduction on the Miocene magmatic record of the central Trans-Mexican Volcanic Belt. <i>Chemical Geology</i> , 2007, 244, 452-473.	1.4	102
1148	The Cameroon Hot Line™ (CHL): A unique example of active alkaline intraplate structure in both oceanic and continental lithospheres. <i>Comptes Rendus - Geoscience</i> , 2007, 339, 589-600.	0.4	201
1149	Os, Pb, and Nd isotope geochemistry of the Permian Emeishan continental flood basalts: Insights into the source of a large igneous province. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 2104-2119.	1.6	109
1150	The Stannern trend eucrites: Contamination of main group eucritic magmas by crustal partial melts. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 4108-4124.	1.6	131
1151	Generation of normal and adakite-like calc-alkaline magmas in a non-subductional environment: An Sr-H isotopic study of the Apuseni Mountains neogene magmatic province, Romania. <i>Chemical Geology</i> , 2007, 245, 70-88.	1.4	25
1152	Crustal contamination of Late Neogene basalts in the Dien Bien Phu Basin, NW Vietnam: Some insights from petrological and geochronological studies. <i>Journal of Asian Earth Sciences</i> , 2007, 29, 1-17.	1.0	23
1153	Petrogenesis of Early Cretaceous adakitic granites from the Kitakami Mountains, Japan. <i>Journal of Volcanology and Geothermal Research</i> , 2007, 167, 134-159.	0.8	54
1154	Origin and hydrothermal alteration of rare-metal granites in the Al-Hamra area, northeastern Arabian Shield, Saudi Arabia. <i>Central European Geology</i> , 2007, 50, 259-282.	0.4	4
1155	Applications of Stable and Radiogenic Isotopes to Magmatic Cu-Ni-PGE Deposits: Examples and Cautions. <i>Earth Science Frontiers</i> , 2007, 14, 124-131.	0.5	17
1156	Zircon crystallization and recycling in the magma chamber of the rhyolitic Kos Plateau Tuff (Aegean) Tj ETQq1 1 0.784314 rgBT /Overfoc 2.0 116	2.0	116
1157	Special Paper: Adakite-Like Rocks: Their Diverse Origins and Questionable Role in Metallogenesis. <i>Economic Geology</i> , 2007, 102, 537-576.	1.8	756
1158	THE CONTAMINATION OF GRANITIC MAGMA BY METASEDIMENTARY COUNTRY-ROCK MATERIAL: AN EXPERIMENTAL STUDY. <i>Canadian Mineralogist</i> , 2007, 45, 43-61.	0.3	46

#	ARTICLE	IF	CITATIONS
1159	Sources and Petrogenesis of Late Triassic Dolerite Dikes in the Liaodong Peninsula: Implications for Post-collisional Lithosphere Thinning of the Eastern North China Craton. <i>Journal of Petrology</i> , 2007, 48, 1973-1997.	1.1	227
1160	Geochemistry of primitive lavas of the Central Kamchatka Depression: Magma generation at the edge of the Pacific Plate. <i>Geophysical Monograph Series</i> , 2007, , 199-239.	0.1	36
1161	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.	1.1	42
1162	Energyâ€Constrained Recharge, Assimilation, and Fractional Crystallization (ECâ€RA<i>Ï‡</i>FC): A Visual Basic computer code for calculating trace element and isotope variations of openâ€system magmatic systems. <i>Geochemistry, Geophysics, Geosystems</i> , 2007, 8, .	1.0	49
1163	One View of the Geochemistry of Subduction-Related Magmatic Arcs, with an Emphasis on Primitive Andesite and Lower Crust. , 2007, , 1-70.		114
1164	Crustal contamination and diversity of magma sources in the northwestern Ethiopian volcanic province. <i>Journal of Mineralogical and Petrological Sciences</i> , 2007, 102, 272-290.	0.4	41
1165	Petrology of basic and intermediate orogenic granitoids from the Sila Massif (Calabria, southern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	0.6	13
1166	Petrological variation of large-volume felsic magmas from Hakkoda-Towada caldera cluster: Implications for the origin of high-K felsic magmas in the Northeast Japan Arc. <i>Island Arc</i> , 2007, 16, 133-155.	0.5	12
1167	Geochemistry and geochronology of the Neoproterozoic Pan-African Transcaucasian Massif (Republic) Tj ETQq0 0 0 rgBT /Overlock 10 T Gondwana Research, 2007, 11, 92-108.	3.0	56
1168	Mafic xenoliths from Egyptian Tertiary basalts and their petrogenetic implications. <i>Gondwana Research</i> , 2007, 11, 516-528.	3.0	9
1169	Geophysical and petrological modelling of the structure and composition of the crust and upper mantle in complex geodynamic settings: The Tyrrhenian Sea and surroundings. <i>Earth-Science Reviews</i> , 2007, 80, 1-46.	4.0	152
1170	Basalt magma genesis and fractionation in collision- and extension-related provinces: A comparison between eastern, central and western Anatolia. <i>Earth-Science Reviews</i> , 2007, 80, 219-238.	4.0	57
1171	The role of discontinuous magma inputs in felsic magma and ore generation. <i>Ore Geology Reviews</i> , 2007, 30, 181-216.	1.1	67
1172	Origin of felsic magmas in a large-caldera-related stratovolcano in the central part of NE Japan â€” Petrogenesis of the Takamatsu volcano. <i>Journal of Volcanology and Geothermal Research</i> , 2007, 167, 100-118.	0.8	13
1173	The volcanicâ€plutonic connection as a stage for understanding crustal magmatism. <i>Journal of Volcanology and Geothermal Research</i> , 2007, 167, 1-23.	0.8	258
1174	The effect of the Fernando de Noronha plume on the mantle lithosphere in north-eastern Brazil. <i>Lithos</i> , 2007, 94, 111-131.	0.6	32
1175	Petrogenesis of A-type granites and origin of vertical zoning in the Katharina pluton, Gebel Mussa (Mt.) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.6	94
1176	Interplay between geochemistry and magma dynamics during magma interaction: An example from the Sithonia Plutonic Complex (NE Greece). <i>Lithos</i> , 2007, 95, 243-266.	0.6	49

#	ARTICLE	IF	CITATIONS
1177	Neo-Proterozoic rift-related syenites (Northern Damara Belt, Namibia): Geochemical and Nd–Sr–Pb–O isotope constraints for mantle sources and petrogenesis. <i>Lithos</i> , 2007, 96, 415-435.	0.6	53
1178	Petrogenesis of the Early Jurassic Nandaling flood basalts in the Yanshan belt, North China Craton: A correlation between magmatic underplating and lithospheric thinning. <i>Lithos</i> , 2007, 96, 543-566.	0.6	26
1179	Geochemical and Sr–Nd–Pb isotopic compositions of the Eocene Dicle and Sarişik Plutons, Eastern Turkey: Implications for magma interaction in the genesis of high-K calc-alkaline granitoids in a post-collision extensional setting. <i>Lithos</i> , 2007, 98, 67-96.	0.6	191
1180	Maestrichtian-Danian andesite series of the Eastern Sikhote Alin: Mineralogy, geochemistry, and petrogenetic aspects. <i>Petrology</i> , 2007, 15, 275-295.	0.2	14
1181	Magmatic history of granite-derived mylonites from the southern Desná Unit (Silesicum, Czech) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 5	0.4	10
1182	Origin and evolution of topaz-bearing granites from the Nanling Range, South China: a geochemical and Sr–Nd–Hf isotopic study. <i>Mineralogy and Petrology</i> , 2007, 90, 271-300.	0.4	36
1183	Magma evolution of Quaternary minor volcanic centres in southern Peru, Central Andes. <i>Bulletin of Volcanology</i> , 2007, 69, 581-608.	1.1	36
1184	Trace element zoning in pyroxenes from ODP Hole 735B gabbros: diffusive exchange or synkinematic crystal fractionation?. <i>Contributions To Mineralogy and Petrology</i> , 2007, 153, 429-442.	1.2	77
1185	The petrogenetic characterization of intermediate and silicic charnockites in high-grade terrains: a case study from southern India. <i>Contributions To Mineralogy and Petrology</i> , 2007, 154, 591-606.	1.2	57
1186	Postcumulus processes in oceanic-type olivine-rich cumulates: the role of trapped melt crystallization versus melt/rock interaction. <i>Contributions To Mineralogy and Petrology</i> , 2007, 154, 619-633.	1.2	61
1187	Relationship between footwall composition, crustal contamination, and fluid–rock interaction in the Platreef, Bushveld Complex, South Africa. <i>Mineralium Deposita</i> , 2008, 43, 825-848.	1.7	34
1188	Geochemistry of the lava and its implications in Musicians Seamounts. <i>Chinese Journal of Oceanology and Limnology</i> , 2008, 26, 459-468.	0.7	2
1189	Lower crustal contamination of Deccan Traps magmas: evidence from tholeiitic dykes and granulite xenoliths from western India. <i>Mineralogy and Petrology</i> , 2008, 93, 243-272.	0.4	16
1190	U–Pb zircon ages and geochemical data for the Monumental Granite and other granitoid rocks from Aswan, Egypt: implications for the geological evolution of the western margin of the Arabian Nubian Shield. <i>Mineralogy and Petrology</i> , 2008, 93, 153-183.	0.4	35
1191	How partial melts of mafic lower crust affect ascending magmas at oceanic ridges. <i>Contributions To Mineralogy and Petrology</i> , 2008, 156, 49-71.	1.2	54
1192	Multi-stage melt–rock interaction in the Mt. Maggiore (Corsica, France) ophiolitic peridotites: microstructural and geochemical evidence. <i>Contributions To Mineralogy and Petrology</i> , 2008, 156, 453-475.	1.2	108
1193	Nd, Pb, and Sr isotope composition of Late Mesozoic to Quaternary intra-plate magmatism in NE-Africa (Sudan, Egypt): high- $\delta^{17}O$ signatures from the mantle lithosphere. <i>Contributions To Mineralogy and Petrology</i> , 2008, 156, 765-784.	1.2	44
1194	Petrochemistry and petrology of I-type granitoids in an arc setting: the composite Torul pluton, Eastern Pontides, NE Turkey. <i>International Journal of Earth Sciences</i> , 2008, 97, 739-764.	0.9	120

#	ARTICLE	IF	CITATIONS
1195	Petrochemistry of the south Marmara granitoids, northwest Anatolia, Turkey. <i>International Journal of Earth Sciences</i> , 2008, 97, 1181-1200.	0.9	74
1196	Deciphering Magma Chamber Dynamics from Styles of Compositional Zoning in Large Silicic Ash Flow Sheets. <i>Reviews in Mineralogy and Geochemistry</i> , 2008, 69, 651-674.	2.2	59
1197	Neoproterozoic Volhynia-Brest magmatic province in the western East European craton: Within-plate magmatism in an ancient suture zone. <i>Petrology</i> , 2008, 16, 105-135.	0.2	30
1198	Geochemistry of Iâ€¢type granitoids in the Karaburun Peninsula, West Turkey: Evidence for Triassic continental arc magmatism following closure of the Palaeotethys. <i>Island Arc</i> , 2008, 17, 394-418.	0.5	28
1199	Geochemistry and petrogenesis of the Permian mafic dykes in the Panxi region, SW China. <i>Gondwana Research</i> , 2008, 14, 368-382.	3.0	35
1200	Post-collisional potassic magmatism in the Southern Awulale Mountain, western Tianshan Orogen: Petrogenetic and tectonic implications. <i>Gondwana Research</i> , 2008, 14, 383-394.	3.0	54
1201	Eastern Turkish high plateau as a small Turkic-type orogen: Implications for post-collisional crust-forming processes in Turkic-type orogens. <i>Earth-Science Reviews</i> , 2008, 90, 1-48.	4.0	246
1202	Repeated recharge, assimilation, and hybridization in magmas erupted from El ChichÃ³n as recorded by plagioclase and amphibole phenocrysts. <i>Journal of Volcanology and Geothermal Research</i> , 2008, 175, 415-426.	0.8	82
1203	Mantle plume heterogeneity versus shallow-level interactions: A case study, the SÃ£o Nicolau Island, Cape Verde archipelago. <i>Journal of Volcanology and Geothermal Research</i> , 2008, 176, 265-276.	0.8	46
1204	Petrological inferences on the evolution of magmas erupted in the Andagua Valley, Peru (Central Tj ETQq1 1 0.784314 rgBT /Overloc	0.8	14
1205	Growth of complex sheeted zones during recycling of older magmatic units into younger: Sawmill Canyon area, Tuolumne batholith, Sierra Nevada, California. <i>Journal of Volcanology and Geothermal Research</i> , 2008, 177, 457-484.	0.8	51
1206	Eruption episodes and magma recharge events in andesitic systems: Mt Taranaki, New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 2008, 177, 1063-1076.	0.8	22
1207	Petrogenesis and time-progressive evolution of the Cenozoic continental volcanism in the Biga Peninsula, NW Anatolia (Turkey). <i>Lithos</i> , 2008, 102, 316-340.	0.6	119
1208	Zircon SHRIMP Uâ€¢Pb ages and in-situ Hf isotopic analysis for the Mesozoic intrusions in South Taihang, North China craton: Evidence for hybridization between mantle-derived magmas and crustal components. <i>Lithos</i> , 2008, 102, 118-137.	0.6	123
1209	Geochemical fingerprinting of oceanic basalts with applications to ophiolite classification and the search for Archean oceanic crust. <i>Lithos</i> , 2008, 100, 14-48.	0.6	2,568
1210	Bimodal back-arc alkaline magmatism after ridge subduction: Pliocene felsic rocks from Central Patagonia (47Ã°S). <i>Lithos</i> , 2008, 101, 191-217.	0.6	46
1211	Rift-related magmatism of the Central Atlantic magmatic province in Algarve, Southern Portugal. <i>Lithos</i> , 2008, 101, 102-124.	0.6	84
1212	Temporal variations in crustal assimilation of magma suites in the East Greenland flood basalt province: Tracking the evolution of magmatic plumbing systems. <i>Lithos</i> , 2008, 102, 179-197.	0.6	35

#	ARTICLE	IF	CITATIONS
1213	Mantle source volumes and the origin of the mid-Tertiary ignimbrite flare-up in the southern Rocky Mountains, western U.S.. Lithos, 2008, 102, 279-294.	0.6	60
1214	Geochronology and geochemistry of Permian basalts in western Guangxi Province, Southwest China: Evidence for plume-lithosphere interaction. Lithos, 2008, 102, 218-236.	0.6	153
1215	Geochemistry of S-type granitic rocks from the reversely zoned Castelo Branco pluton (central) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 66	0.6	44
1216	Geochemistry and Nd <sup>143</sup> /Sr isotopic studies of Late Mesozoic granitoids in the southeastern Hubei Province, Middle <sup>143</sup> /Lower Yangtze River belt, Eastern China: Petrogenesis and tectonic setting. Lithos, 2008, 104, 216-230.	0.6	91
1217	Petrology and geochemistry of post-collisional Middle Eocene volcanic units in North-Central Turkey: Evidence for magma generation by slab breakoff following the closure of the Northern Neotethys Ocean. Lithos, 2008, 104, 267-305.	0.6	137
1218	Petrogenesis of high Ba <sup>138</sup> /Sr plutons from the Northern Highlands Terrane of the British Caledonian Province. Lithos, 2008, 105, 129-148.	0.6	177
1219	Jurassic dikes of Vestfjella, western Dronning Maud Land, Antarctica: Geochemical tracing of ferropicrite sources. Lithos, 2008, 105, 347-364.	0.6	45
1220	Granites in the Sawuer region of the west Junggar, Xinjiang Province, China: Geochronological and geochemical characteristics and their geodynamic significance. Lithos, 2008, 106, 191-206.	0.6	183
1221	Distribution and compositions of magmatic inclusions in the Mount Helen dome, Lassen Volcanic Center, California: Insights into magma chamber processes. Lithos, 2008, 106, 173-189.	0.6	63
1222	Sr <sup>87</sup> /Nd <sup>143</sup> /Pb isotopic constraints on multiple mantle domains for Mesozoic mafic rocks beneath the South China Block hinterland. Lithos, 2008, 106, 297-308.	0.6	189
1223	U <sup>235</sup> /Pb zircon age, geochemical and Sr <sup>87</sup> /Nd <sup>143</sup> /Pb <sup>206</sup> /Hf isotopic constraints on age and origin of alkaline intrusions and associated mafic dikes from Sulu orogenic belt, Eastern China. Lithos, 2008, 106, 365-379.	0.6	127
1224	Wrangellia flood basalts in Alaska: A record of plume <sup>143</sup> /lithosphere interaction in a Late Triassic accreted oceanic plateau. Geochemistry, Geophysics, Geosystems, 2008, 9, .	1.0	49
1225	Sr <sup>87</sup> /Nd isotopic evidence for crustal contamination in the Niquel <sup>143</sup> ndia complex, Goi <sup>143</sup> is, Central Brazil. Journal of South American Earth Sciences, 2008, 25, 298-312.	0.6	11
1226	Relative contributions of crust and mantle to the generation of the Tianshan Carboniferous rift-related basic lavas, northwestern China. Journal of Asian Earth Sciences, 2008, 31, 357-378.	1.0	105
1227	The Mount Pavagadh volcanic suite, Deccan Traps: Geochemical stratigraphy and magmatic evolution. Journal of Asian Earth Sciences, 2008, 32, 5-21.	1.0	67
1228	Provenance of Proterozoic Basal Aravalli mafic volcanic rocks from Rajasthan, Northwestern India: Nd isotopes evidence for enriched mantle reservoirs. Precambrian Research, 2008, 162, 150-159.	1.2	49
1229	Petrogenesis and geodynamics of Late Archean magmatism in eastern Hebei, eastern North China Craton: Geochronological, geochemical and Nd <sup>143</sup> /Hf isotopic evidence. Precambrian Research, 2008, 167, 125-149.	1.2	310
1230	Sources and evolution of arc magmas inferred from coupled O and Hf isotope systematics of plutonic zircons from the Cretaceous Separation Point Suite (New Zealand). Earth and Planetary Science Letters, 2008, 268, 312-324.	1.8	130

#	ARTICLE	IF	CITATIONS
1231	Temporal compositional trends over short and long time-scales in basalts of the Big Pine Volcanic Field, California. <i>Earth and Planetary Science Letters</i> , 2008, 269, 140-154.	1.8	59
1232	Geochemical evolution of Ngorongoro Caldera, Northern Tanzania: Implications for crust-magma interaction. <i>Earth and Planetary Science Letters</i> , 2008, 271, 337-347.	1.8	44
1233	Rapid timescales of differentiation and evidence for crustal contamination at intra-oceanic arcs: Geochemical and U-Th-Ra-Sr-Nd isotopic constraints from Lopevi Volcano, Vanuatu, SW Pacific. <i>Earth and Planetary Science Letters</i> , 2008, 273, 184-194.	1.8	28
1234	Iron isotopes constrain biologic and abiologic processes in banded iron formation genesis. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 151-169.	1.6	293
1235	The effect of assimilation, fractional crystallization, and ageing on U-series disequilibria in subduction zone lavas. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 4136-4145.	1.6	15
1236	PGE and Os-isotopic variations in lavas from Kohala Volcano, Hawaii: Constraints on PGE behavior and melt/crust interaction. <i>Chemical Geology</i> , 2008, 250, 16-28.	1.4	44
1237	Trace element mobility during magma mixing: Preliminary experimental results. <i>Chemical Geology</i> , 2008, 256, 146-157.	1.4	75
1238	Untangling differentiation in arc lavas: Constraints from unusual minor and trace element variations at Salak Volcano, Indonesia. <i>Chemical Geology</i> , 2008, 255, 360-376.	1.4	21
1239	Petrology and geochemistry of Tertiary volcanic rocks from the A˘kizce (Ordu) area, NE Turkey: Implications for the evolution of the eastern Pontide paleo-magmatic arc. <i>Journal of Asian Earth Sciences</i> , 2008, 31, 439-463.	1.0	37
1240	Rhyolites and their Source Mushes across Tectonic Settings. <i>Journal of Petrology</i> , 2008, 49, 2277-2285.	1.1	349
1241	Petrogenesis of Cogenetic Silica-Oversaturated and -Undersaturated Syenites by Periodic Recharge in a Crustally Contaminated Magma Chamber: the Kangerlussuaq Intrusion, East Greenland. <i>Journal of Petrology</i> , 2008, 49, 493-522.	1.1	44
1242	Sr and Pb Isotope Micro-analysis of Plagioclase Crystals from Skye Lavas: an Insight into Open-system Processes in a Flood Basalt Province. <i>Journal of Petrology</i> , 2008, 49, 1449-1471.	1.1	69
1243	Chapter 8 Regional comparisons, petrochemistry and petrogenesis. <i>Geological Society Memoir</i> , 2008, 33, 79-89.	0.9	0
1244	Concurrent Mixing and Cooling of Melts under Iceland. <i>Journal of Petrology</i> , 2008, 49, 1931-1953.	1.1	129
1245	The Miocene igneous rocks in the Basal Unit of Lavrion (SE Attica, Greece): petrology and geodynamic implications. <i>Geological Magazine</i> , 2008, 145, 1-15.	0.9	71
1246	An introduction to magma dynamics. <i>Geological Society Special Publication</i> , 2008, 304, 1-13.	0.8	23
1247	Exploring the plutonic-volcanic link: a zircon U-Pb, Lu-Hf and O isotope study of paired volcanic and granitic units from southeastern Australia. <i>Transactions of the Royal Society of Edinburgh: Earth Sciences</i> , 2008, 97, 337-355.	1.0	90
1248	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.	1.1	62

#	ARTICLE	IF	CITATIONS
1249	Geochemistry of the Volcan de l'Androy Basaltic Rhyolite Complex, Madagascar Cretaceous Igneous Province. <i>Journal of Petrology</i> , 2008, 49, 1069-1096.	1.1	60
1250	Isotope geochemistry and petrogenesis of peralkaline Middle Miocene ignimbrites from central Sonora: relationship with continental break-up and the birth of the Gulf of California. <i>Bulletin - Societe Geologique De France</i> , 2008, 179, 453-464.	0.9	7
1251	Uranium-series isotope and thermal constraints on the rate and depth of silicic magma genesis. <i>Geological Society Special Publication</i> , 2008, 304, 169-181.	0.8	8
1252	A reactive assimilation model for regional-scale cordierite-bearing granitoids: geochemical evidence from the Late Variscan granites of the Central Iberian Zone, Spain. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 2008, 99, 225-250.	0.3	7
1253	The sources of granitic melt in Deep Hot Zones. <i>Transactions of the Royal Society of Edinburgh: Earth Sciences</i> , 2008, 97, 297-309.	1.0	64
1254	Petrology and geochemistry of the I-type calc-alkaline Qorveh Granitoid Complex, Sanandaj-Sirjan Zone, western Iran. <i>Neues Jahrbuch Fur Mineralogie, Abhandlungen</i> , 2008, 185, 131-142.	0.1	25
1255	Origin and evolution of the Pleistocene magmatism of Linosa Island (Sicily Channel, Italy). <i>European Journal of Mineralogy</i> , 2008, 20, 587-601.	0.4	16
1256	17. Deciphering Magma Chamber Dynamics from Styles of Compositional Zoning in Large Silicic Ash Flow Sheets. , 2008, , 651-674.		3
1257	Compositional Differences between Felsic Volcanic rocks from the Margin and Center of the Northern Main Ethiopian Rift. <i>Momona Ethiopian Journal of Science</i> , 2009, 1, .	0.1	5
1258	Progressive Melt Extraction from Upwelling Mantle Constrained by the Kita-Matsuura Basalts in NW Kyushu, SW Japan. <i>Journal of Petrology</i> , 2009, 50, 725-779.	1.1	27
1259	The Mg isotopic systematics of granitoids in continental arcs and implications for the role of chemical weathering in crust formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 20652-20657.	3.3	112
1260	Petrology, Sr-Nd-Hf isotopic geochemistry and zircon chronology of the Late Palaeozoic volcanic rocks in the southwestern Tianshan Mountains, Xinjiang, NW China. <i>Journal of the Geological Society</i> , 2009, 166, 1085-1099.	0.9	183
1261	Origin of Nepheline-normative High-K Ankaramites and the Evolution of Eastern Srednogorie Arc in SE Europe. <i>Journal of Petrology</i> , 2009, 50, 1899-1933.	1.1	23
1262	Magmatic Evolution and plumbing system of ring-fault volcanism: the Vulcanello Peninsula (Aeolian) Tj ETQq1 1 0.784314 rgBT /Over 0.4 30	0.4	30
1263	Magma Evolution and Ascent at the Craters of the Moon and Neighboring Volcanic Fields, Southern Idaho, USA: Implications for the Evolution of Polygenetic and Monogenetic Volcanic Fields. <i>Journal of Petrology</i> , 2009, 50, 1639-1665.	1.1	35
1264	Growth and zoning of the HortavÅr intrusive complex, a layered alkaline pluton in the Norwegian Caledonides. , 2009, 5, 286-301.		6
1265	Zircon Hf Isotopic Evidence for Mixing of Crustal and Silicic Mantle-derived Magmas in a Zoned Granite Pluton, Eastern Australia. <i>Journal of Petrology</i> , 2009, 50, 147-168.	1.1	109
1266	Chlorine enrichment in central Rio Grande Rift basaltic melt inclusions: Evidence for subduction modification of the lithospheric mantle. <i>Geology</i> , 2009, 37, 439-442.	2.0	28

#	ARTICLE	IF	CITATIONS
1267	Temporal Variations in U-series Disequilibria in an Active Caldera, Rabaul, Papua New Guinea. <i>Journal of Petrology</i> , 2009, 50, 507-529.	1.1	19
1268	Radiogenic Isotopic Ratio Variations in Carbonatites and Associated Alkaline Silicate Rocks: Role of Crustal Assimilation. <i>Journal of Petrology</i> , 2009, 50, 1955-1971.	1.1	18
1269	Transition from Ultrapotassic Kamafugitic to Sub-alkaline Magmas: Sr, Nd, and Pb Isotope, Trace Element and $^{40}\text{Ar}/^{39}\text{Ar}$ Age Data from the Middle Latin Valley Volcanic Field, Roman Magmatic Province, Central Italy. <i>Journal of Petrology</i> , 2009, 50, 1327-1357.	1.1	70
1270	Magma Ascent along a Major Terrane Boundary: Crustal Contamination and Magma Mixing at the Drumadoon Intrusive Complex, Isle of Arran, Scotland. <i>Journal of Petrology</i> , 2009, 50, 2345-2374.	1.1	18
1271	Geochemistry and $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology of Miocene volcanic rocks from the Karaburun Peninsula: Implications for amphibole-bearing lithospheric mantle source, Western Anatolia. <i>Journal of Volcanology and Geothermal Research</i> , 2009, 185, 181-202.	0.8	60
1272	Lava shields and fissure eruptions of the Western Volcanic Zone, Iceland: Evidence for magma chambers and crustal interaction. <i>Journal of Volcanology and Geothermal Research</i> , 2009, 186, 331-348.	0.8	54
1273	The Plinian Lower Pumice 2 eruption, Santorini, Greece: Magma evolution and volatile behaviour. <i>Journal of Volcanology and Geothermal Research</i> , 2009, 186, 387-406.	0.8	50
1274	Granitoids associated with East Vardar ophiolites (Serbia, F.Y.R. of Macedonia and northern Greece): Origin, evolution and geodynamic significance inferred from major and trace element data and $\text{Sr}/\text{Nd}/\text{Pb}$ isotopes. <i>Lithos</i> , 2009, 108, 131-150.	0.6	40
1275	Partial melting of diverse crustal sources – Constraints from $\text{Sr}/\text{Nd}/\text{O}$ isotope compositions of quartz diorite–granodiorite–leucogranite associations (Kaoko Belt, Namibia). <i>Lithos</i> , 2009, 111, 236-251.	0.6	55
1276	Geochemistry of Triassic flood basalts from the Yukon (Canada) segment of the accreted Wrangellia oceanic plateau. <i>Lithos</i> , 2009, 110, 1-19.	0.6	38
1277	Anomalous intra-plate high-Mg andesites in the Choshi area (Chiba, Central Japan) produced during early stages of Japan Sea opening?. <i>Lithos</i> , 2009, 112, 545-555.	0.6	11
1278	Caught in the act – The first few hours of xenolith assimilation preserved in lavas of the Rockeskyllerkopf volcano, West Eifel, Germany. <i>Lithos</i> , 2009, 112, 511-523.	0.6	15
1279	Genetic link between EMI and EMII: An adakite connection. <i>Lithos</i> , 2009, 112, 591-602.	0.6	18
1280	Geochemistry of the ~430-Ma Jingbulake mafic–ultramafic intrusion in Western Xinjiang, NW China: Implications for subduction related magmatism in the South Tianshan orogenic belt. <i>Lithos</i> , 2009, 113, 259-273.	0.6	117
1281	Petrogenesis of the Nesryin gabbroic intrusion in SW Sinai, Egypt: new contributions from mineralogy, geochemistry, Nd and Sr isotopes. <i>Mineralogy and Petrology</i> , 2009, 95, 87-103.	0.4	25
1282	Isotope geochemistry ( $\text{Sr}/\text{Nd}/\text{Pb}$ ) and petrogenesis of leucite-bearing volcanic rocks from Colli Albani volcano, Roman Magmatic Province, Central Italy: inferences on volcano evolution and magma genesis. <i>Bulletin of Volcanology</i> , 2009, 71, 977-1005.	1.1	118
1283	Three-step continental-crust growth from subduction accretion and underplating, through intermediary differentiation, to granitoid production. <i>International Journal of Earth Sciences</i> , 2009, 98, 1413-1439.	0.9	32
1284	Shoshonite and sub-alkaline magmas from an ultrapotassic volcano: $\text{Sr}/\text{Nd}/\text{Pb}$ isotope data on the Roccamonfina volcanic rocks, Roman Magmatic Province, Southern Italy. <i>Contributions To Mineralogy and Petrology</i> , 2009, 157, 41-63.	1.2	96



#	ARTICLE	IF	CITATIONS
1285	Late Mesozoic magmatism from the Daye region, eastern China: U–Pb ages, petrogenesis, and geodynamic implications. <i>Contributions To Mineralogy and Petrology</i> , 2009, 157, 383-409.	1.2	236
1286	Petrogenesis of mafic and associated silicic end-member magmas for calc-alkaline mixed rocks in the Shirataka volcano, NE Japan. <i>Contributions To Mineralogy and Petrology</i> , 2009, 157, 709-734.	1.2	8
1287	High-Ti amphibole as a petrogenetic indicator of magma chemistry: evidence for mildly alkalic-hybrid melts during evolution of Variscan basic-ultrabasic magmatism of Central Iberia. <i>Contributions To Mineralogy and Petrology</i> , 2009, 158, 69-98.	1.2	103
1288	Geology and geochemistry of Pachmarhi dykes and sills, Satpura Gondwana Basin, central India: problems of dyke-sill-flow correlations in the Deccan Traps. <i>Contributions To Mineralogy and Petrology</i> , 2009, 158, 357-380.	1.2	54
1289	Adakite-like volcanism of Ecuador: lower crust magmatic evolution and recycling. <i>Contributions To Mineralogy and Petrology</i> , 2009, 158, 563-588.	1.2	128
1290	Triassic magmatism and its relation to decratonization in the eastern North China Craton. <i>Science in China Series D: Earth Sciences</i> , 2009, 52, 1319-1330.	0.9	105
1291	Petrogenesis of basalt-trachyte lavas from Olmoti Crater, Tanzania. <i>Journal of African Earth Sciences</i> , 2009, 54, 127-143.	0.9	34
1292	Genesis of adakite-like lavas of Licancabur volcano (Chile-Bolivia, Central Andes). <i>Comptes Rendus - Geoscience</i> , 2009, 341, 310-318.	0.4	22
1293	Crustal growth along a non-collisional cratonic margin: A Lu–Hf isotopic survey of the Eastern Cordilleran granitoids of Peru. <i>Earth and Planetary Science Letters</i> , 2009, 279, 303-315.	1.8	99
1294	Osmium isotopes in Grande Comore lavas: A new extreme among a spectrum of EM-type mantle endmembers. <i>Earth and Planetary Science Letters</i> , 2009, 284, 219-227.	1.8	50
1295	Evidence for subduction at 3.8 Ga: Geochemistry of arc-like metabasalts from the southern edge of the Isua Supracrustal Belt. <i>Chemical Geology</i> , 2009, 261, 83-98.	1.4	122
1296	Tracing the evolution of calc-alkaline magmas: In-situ Sm–Nd isotope studies of accessory minerals in the Bergell Igneous Complex, Italy. <i>Chemical Geology</i> , 2009, 260, 73-86.	1.4	56
1297	Adakite-like magmas from fractional crystallization and melting-assimilation of mafic lower crust (Eocene Macuchi arc, Western Cordillera, Ecuador). <i>Chemical Geology</i> , 2009, 265, 468-487.	1.4	156
1298	A low $^{7}\text{Li}$ lower crustal component: Evidence from an alkalic intraplate volcanic series (Chañone des Tj ETQq1 1 0,784314 rgBT /Overlo	1.4	31
1299	Eocene adakitic volcanism in southern British Columbia: Remelting of arc basalt above a slab window. <i>Tectonophysics</i> , 2009, 464, 164-185.	0.9	67
1300	The role of ridge subduction in determining the geochemistry and Nd–Sr–Pb isotopic evolution of the Kodiak batholith in southern Alaska. <i>Tectonophysics</i> , 2009, 464, 137-163.	0.9	26
1301	Paleo- to Mesoarchean basement recycling and terrane definition in the Northeastern Superior Province, Québec, Canada. <i>Precambrian Research</i> , 2009, 168, 23-44.	1.2	44
1302	Provenance of the Arroyo del Soldado Group (Ediacaran to Cambrian, Uruguay): Implications for the paleogeographic evolution of southwestern Gondwana. <i>Precambrian Research</i> , 2009, 171, 57-73.	1.2	80

#	ARTICLE	IF	CITATIONS
1303	Age and Nd-Hf isotopic constraints on the origin of marginal rocks from the Muskox layered intrusion (Nunavut, Canada) and implications for the evolution of the 1.27Ga Mackenzie large igneous province. <i>Precambrian Research</i> , 2009, 172, 46-66.	1.2	59
1304	Geochemistry of coexisting depleted and enriched Paringa Basalts, in the 2.7Ga Kalgoorlie Terrane, Yilgarn Craton, Western Australia: Evidence for a heterogeneous mantle plume event. <i>Precambrian Research</i> , 2009, 174, 287-309.	1.2	76
1305	Zircon U-Pb geochronological and geochemical constraints on the petrogenesis of the Taishan sanukitoids (Shandong): Implications for Neoproterozoic subduction in the Eastern Block, North China Craton. <i>Precambrian Research</i> , 2009, 174, 273-286.	1.2	120
1306	Petrogenesis of extension-related alkaline volcanism in Karaburhan (Sivrihisar-Eskisehir), NW Anatolia, Turkey. <i>Journal of Asian Earth Sciences</i> , 2009, 35, 502-515.	1.0	10
1307	Porphyry Systems; Fossil and Active Epithermal Systems. , 2009, , 355-533.		1
1308	Correlating geochemistry, tectonics, and volcanic volume along the Central American volcanic front. <i>Geochemistry, Geophysics, Geosystems</i> , 2009, 10, .	1.0	37
1309	Armouring effect on Sr-Nd isotopes during disequilibrium crustal melting: the case study of frozen migmatites from El Hoyazo and Mazarron, SE Spain. <i>European Journal of Mineralogy</i> , 2009, 21, 117-131.	0.4	23
1310	Trace element modelling of the origin and evolution of the Oyaca Boyalik volcanic rocks (NE of Tj ETQq1 1 0.784314 rgBT /Overloc	1.1	6
1312	Geochemical character of Early-Middle Miocene volcanic rocks from central Hokkaido: Characterization of magma-related back-arc spreading at the margin of the volcanic field. <i>Journal of the Geological Society of Japan</i> , 2010, 116, 199-218.	0.2	7
1313	Mesoproterozoic olivine gabbro-norites of the Bashkirian anticlinorium, the South Urals: Parental melts and specifics of magma evolution. <i>Petrology</i> , 2010, 18, 50-83.	0.2	3
1314	Isotopic (Sr, Nd, O) systematics of the high Sr-Ba Late Miocene granitoid intrusions from the Caucasian Mineral Waters region. <i>Petrology</i> , 2010, 18, 211-238.	0.2	7
1315	Sulfur isotopic systematics of granitoids from southwestern New Brunswick, Canada: implications for magmatic-hydrothermal processes, redox conditions, and gold mineralization. <i>Mineralium Deposita</i> , 2010, 45, 795-816.	1.7	9
1316	Degassing, crystallization and eruption dynamics at Stromboli: trace element and lithium isotopic evidence from 2003 ashes. <i>Contributions To Mineralogy and Petrology</i> , 2010, 159, 541-561.	1.2	33
1317	Geochemical investigation of a semi-continuous extrusive basaltic section from the Deccan Volcanic Province, India: implications for the mantle and magma chamber processes. <i>Contributions To Mineralogy and Petrology</i> , 2010, 159, 839-862.	1.2	37
1318	Geochemical and Sr-O isotopic constraints on magmatic differentiation at Gede Volcanic Complex, West Java, Indonesia. <i>Contributions To Mineralogy and Petrology</i> , 2010, 159, 885-908.	1.2	25
1319	Simple mixing as the major control of the evolution of volcanic suites in the Ecuadorian Andes. <i>Contributions To Mineralogy and Petrology</i> , 2010, 160, 297-312.	1.2	328
1320	Geochemistry of the Drahotn and Mutn intrusions, West Bohemian shear zone, Bohemian massif: contrasting evolution of mantle-derived melts. <i>Mineralogy and Petrology</i> , 2010, 99, 185-199.	0.4	13
1321	Mafic enclaves in the rhyolitic products of Lipari historical eruptions; relationships with the coeval Vulcano magmas (Aeolian Islands, Italy). <i>Bulletin of Volcanology</i> , 2010, 72, 991-1008.	1.1	20

#	ARTICLE	IF	CITATIONS
1322	Petrogenesis of continental mafic dykes from the Izera Complex, Karkonosze-Izera Block (West) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7	0.9	14
1323	The petrology, geochronology and geochemistry of Hauhungatahi volcano, S.W. Taupo Volcanic Zone. Journal of Volcanology and Geothermal Research, 2010, 190, 179-191.	0.8	30
1324	Magma chamber stability in arc and continental crust. Journal of Volcanology and Geothermal Research, 2010, 190, 249-270.	0.8	91
1325	Plio-Pleistocene intra-plate magmatism from the southern Sulu Arc, Semporna peninsula, Sabah, Borneo: Implications for high-Nb basalt in subduction zones. Journal of Volcanology and Geothermal Research, 2010, 190, 25-38.	0.8	65
1326	BjÃrnnutane and Sembberget basalt lavas and the geochemical provinciality of Karoo magmatism in western Dronning Maud Land, Antarctica. Journal of Volcanology and Geothermal Research, 2010, 198, 1-18.	0.8	27
1327	Formation and evolution of silicic magma plumbing system: Petrology of the volcanic rocks of Usu volcano, Hokkaido, Japan. Journal of Volcanology and Geothermal Research, 2010, 196, 185-207.	0.8	20
1328	Regional chemical diversity, crustal and mantle sources and evolution of central Andean Puna plateau ignimbrites. Journal of Volcanology and Geothermal Research, 2010, 198, 81-111.	0.8	152
1329	Mantle source characteristics and melting models for the early-middle Miocene mafic volcanism in Western Anatolia: Implications for enrichment processes of mantle lithosphere and origin of K-rich volcanism in post-collisional settings. Journal of Volcanology and Geothermal Research, 2010, 198, 112-128.	0.8	90
1330	Geochemical evidence for deep mantle melting and lithospheric delamination as the origin of the inland Damavand volcanic rocks of northern Iran. Journal of Volcanology and Geothermal Research, 2010, 198, 288-296.	0.8	47
1331	Geochemistry and Smâ€Nd isotopic systematics of Ediacaranâ€Ordovician, sedimentary and bimodal igneous rocks in the western AcatlÃn Complex, southern Mexico: Evidence for rifting on the southern margin of the Rheic Ocean. Lithos, 2010, 114, 155-167.	0.6	18
1332	Petrogenesis of the Late Cretaceous DemirkÃy Igneous Complex in the NW Turkey: Implications for magma genesis in the Strandja Zone. Lithos, 2010, 114, 369-384.	0.6	23
1333	Metasomatic mantle source and crustal contamination for the formation of the Neoproterozoic mafic dike swarm in the northern Yangtze Block, South China. Lithos, 2010, 115, 177-189.	0.6	124
1334	Late Permian to Early Triassic mafic to felsic intrusive rocks from North Liaoning, North China: Petrogenesis and implications for Phanerozoic continental crustal growth. Lithos, 2010, 117, 283-306.	0.6	76
1335	Silicic magmas from the Emeishan large igneous province, Southwest China: Petrogenesis and their link with the end-Guadalupian biological crisis. Lithos, 2010, 119, 47-60.	0.6	148
1336	Geochemistry of Late Mesozoic dioritic porphyries associated with Kiruna-style and stratabound carbonate-hosted Zhonggu iron ores, Middleâ€Lower Yangtze Valley, Eastern China: Constraints on petrogenesis and iron sources. Lithos, 2010, 119, 330-344.	0.6	38
1337	Lower crustal xenoliths from Junan, Shandong province and their bearing on the nature of the lower crust beneath the North China Craton. Lithos, 2010, 119, 363-376.	0.6	62
1338	Variety and complexity of the Late-Permian Emeishan basalts: Reappraisal of plumeâ€lithosphere interaction processes. Lithos, 2010, 119, 91-107.	0.6	112
1339	Age and geochemistry of mantle peridotites and diorite dykes from the Baldissero body: Insights into the Paleozoicâ€Mesozoic evolution of the Southern Alps. Lithos, 2010, 119, 485-500.	0.6	41

#	ARTICLE	IF	CITATIONS
1340	Petrological reconstruction of Triassic seamounts/oceanic islands within the Palaeotethys: Geochemical implications from the Karakaya subduction/accretion Complex, Northern Turkey. <i>Lithos</i> , 2010, 119, 501-511.	0.6	32
1341	Relationship between monogenetic magmatism and stratovolcanoes in western Mexico: The role of low-pressure magmatic processes. <i>Lithos</i> , 2010, 119, 585-606.	0.6	22
1342	Petrogenesis and tectonic significance of a Mesozoic granite-syenite-gabbro association from inland South China. <i>Lithos</i> , 2010, 119, 621-641.	0.6	221
1343	Magma mixing controlling the origin of the Early Cretaceous Fangshan granitic pluton, North China Craton: In situ U-Pb age and Sr-, Nd-, Hf- and O-isotope evidence. <i>Lithos</i> , 2010, 120, 421-438.	0.6	108
1344	On the Pan-African transition of the Arabian-Nubian Shield from compression to extension: The post-collision Dokhan volcanic suite of Kid-Malhak region, Sinai, Egypt. <i>Gondwana Research</i> , 2010, 17, 26-43.	3.0	90
1345	Geochronological and geochemical study of mafic dykes from the northwest Chinese Altai: Implications for petrogenesis and tectonic evolution. <i>Gondwana Research</i> , 2010, 18, 638-652.	3.0	142
1346	Geochemical character and petrogenesis of Pan-African Amspoort suite of the Boundary Igneous Complex in the Kaoko Belt (NW Namibia). <i>Gondwana Research</i> , 2010, 18, 688-707.	3.0	43
1347	Geochemistry of the Zargoli granite: Implications for development of the Sistan Suture Zone, southeastern Iran. <i>Island Arc</i> , 2010, 19, 259-276.	0.5	13
1349	Mineralogical and Geochemical Constraints on the Petrogenesis of Post-collisional Potassic and Ultrapotassic Rocks from Western Yunnan, SW China. <i>Journal of Petrology</i> , 2010, 51, 1617-1654.	1.1	120
1350	The Case for Reactive Crystallization at Mid-Ocean Ridges. <i>Journal of Petrology</i> , 2010, 51, 1913-1940.	1.1	76
1351	Crystallization Sequence and Magma Chamber Processes in the Ferrobaltic Sept Iles Layered Intrusion, Canada. <i>Journal of Petrology</i> , 2010, 51, 1203-1236.	1.1	145
1352	Modeling metamorphism in collisional orogens intruded by magmas: II. Fluid flow and implications for Barrovian and Buchan metamorphism, Scotland. <i>Numerische Mathematik</i> , 2010, 310, 459-491.	0.7	26
1353	U-Pb geochronology and geochemistry of the Dashibao Basalts in the Songpan-Ganzi Terrane, SW China, with implications for the age of Emeishan volcanism. <i>Numerische Mathematik</i> , 2010, 310, 1054-1080.	0.7	53
1354	Early activity of the largest Cenozoic shield volcano in the circum-Mediterranean area: Mt. Karacadag, SE Turkey. <i>European Journal of Mineralogy</i> , 2010, 22, 343-362.	0.4	58
1355	A Metamodel for Crustal Magmatism: Phase Equilibria of Giant Ignimbrites. <i>Journal of Petrology</i> , 2010, 51, 1783-1830.	1.1	34
1356	Dacite Petrogenesis on Mid-Ocean Ridges: Evidence for Oceanic Crustal Melting and Assimilation. <i>Journal of Petrology</i> , 2010, 51, 2377-2410.	1.1	126
1357	Petrogenesis and Origins of Mid-Cretaceous Continental Intraplate Volcanism in Marlborough, New Zealand: Implications for the Long-lived HIMU Magmatic Mega-province of the SW Pacific. <i>Journal of Petrology</i> , 2010, 51, 2003-2045.	1.1	64
1358	U-Pb Ages, Pb-Os Isotope Ratios, and Platinum-Group Element (PGE) Composition of the West-Central Madagascar Flood Basalt Province. <i>Journal of Geology</i> , 2010, 118, 523-541.	0.7	28

#	ARTICLE	IF	CITATIONS
1359	Geochemistry of mafic dikes in the Singhbhum Orissa craton: implications for subduction-related metasomatism of the mantle beneath the eastern Indian craton. <i>International Geology Review</i> , 2010, 52, 79-94.	1.1	17
1360	Tectonic and petrologic evolution of the Kodiak batholith and the trenchward belt, Kodiak Island, AK: Contact fault juxtaposition?. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	7
1361	Origins of large-volume, compositionally zoned volcanic eruptions: New constraints from U-series isotopes and numerical thermal modeling for the 1912 Katmai-Novarupta eruption. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	11
1362	Contrasting Middle Jurassic and Early Cretaceous mafic intrusive rocks from western Liaoning, North China craton: petrogenesis and tectonic implications. <i>Geological Magazine</i> , 2010, 147, 844-859.	0.9	23
1363	Early Devonian alkaline intrusive complex from the northern North China craton: a petrological monitor of post-collisional tectonics. <i>Journal of the Geological Society</i> , 2010, 167, 717-730.	0.9	98
1364	Evaluation of petrogenetic models for intermediate and silicic plutonic rocks from the Sierra de Valle Fértil-La Huerta, Argentina: Petrologic constraints on the origin of igneous rocks in the Ordovician Famatinian-Puna paleoarc. <i>Journal of South American Earth Sciences</i> , 2010, 30, 29-45.	0.6	24
1365	Geochemistry and petrogenesis of basaltic rocks from the Develida volcanic complex, Central Anatolia, Turkey. <i>Journal of Asian Earth Sciences</i> , 2010, 37, 42-51.	1.0	34
1366	Volcanism of the Nanpu Sag in the Bohai Bay Basin, Eastern China: Geochemistry, petrogenesis, and implications for tectonic setting. <i>Journal of Asian Earth Sciences</i> , 2010, 39, 173-191.	1.0	34
1367	Interaction between ultrapotassic magmas and carbonate rocks: Evidence from geochemical and isotopic (Sr, Nd, O) compositions of granular lithic clasts from the Alban Hills Volcano, Central Italy. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 2999-3022.	1.6	43
1368	Relative chronology of crust formation on asteroid Vesta: Insights from the geochemistry of diogenites. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 6218-6231.	1.6	89
1369	Evidence for distinct proportions of subducted oceanic crust and lithosphere in HIMU-type mantle beneath El Hierro and La Palma, Canary Islands. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 6565-6589.	1.6	146
1370	Geochemical contrasts between early Cretaceous ore-bearing and ore-barren high-Mg adakites in central-eastern China: Implications for petrogenesis and Cu-Au mineralization. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 7160-7178.	1.6	286
1371	Highly depleted Hadean mantle reservoirs in the sources of early Archean arc-like rocks, Isua supracrustal belt, southern West Greenland. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 7236-7260.	1.6	110
1372	The evolution of a heterogeneous Martian mantle: Clues from K, P, Ti, Cr, and Ni variations in Gusev basalts and shergottite meteorites. <i>Earth and Planetary Science Letters</i> , 2010, 296, 67-77.	1.8	27
1373	Trace element indicators of crystal accumulation in silicic igneous rocks. <i>Earth and Planetary Science Letters</i> , 2010, 297, 324-331.	1.8	182
1374	Isotopic hyperbolas constrain sources and processes under the Lesser Antilles arc. <i>Earth and Planetary Science Letters</i> , 2010, 298, 35-46.	1.8	69
1375	Subduction controls of Hf and Nd isotopes in lavas of the Aleutian island arc. <i>Earth and Planetary Science Letters</i> , 2010, 300, 226-238.	1.8	55
1376	Petrogenesis of the Upper Jurassic Monopigadon pluton related to the Vardar/Axios ophiolites (Macedonia, northern Greece) and its geotectonic significance. <i>Chemie Der Erde</i> , 2010, 70, 221-241.	0.8	7

#	ARTICLE	IF	CITATIONS
1377	Petrographic and geochemical characteristics of upper Miocene Tekkedag volcanics (Central Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 742	0.8	12
1378	Tracing the origin of subduction components beneath the South East rift in the Manus Basin, Papua New Guinea. <i>Chemical Geology</i> , 2010, 269, 339-349.	1.4	41
1379	Elemental and Nd-isotope systematics of the Upper Basalt Unit, 2.7 Ga Kambalda Sequence: Quantitative modeling of progressive crustal contamination of plume asthenosphere. <i>Chemical Geology</i> , 2010, 273, 193-211.	1.4	32
1380	Isotopic (Sr, Nd, Pb, and Os) composition of highly magnesian dikes of Vestfjella, western Dronning Maud Land, Antarctica: A key to the origins of the Jurassic Karoo large igneous province?. <i>Chemical Geology</i> , 2010, 277, 227-244.	1.4	74
1381	Crustal and mantle influences and Uâ€“Thâ€“Ra disequilibrium in andesitic lavas of Ngauruhoe volcano, New Zealand. <i>Chemical Geology</i> , 2010, 277, 355-373.	1.4	29
1382	Magnesian dyke suites of the 2.7Ga Kambalda Sequence, Western Australia: Evidence for coeval melting of plume asthenosphere and metasomatised lithospheric mantle. <i>Precambrian Research</i> , 2010, 180, 183-203.	1.2	19
1383	Geodynamics of the eastern Yilgarn Craton. <i>Precambrian Research</i> , 2010, 183, 175-202.	1.2	166
1384	Evolution of Calc-Alkaline Volcanism and Associated Hydrothermal Gold Deposits at Yanacocha, Peru. <i>Economic Geology</i> , 2010, 105, 1191-1241.	1.8	71
1385	Basement Characteristics and Crustal Evolution of the Copperâ€“Gold Metallogenic Belt in the Middle and Lower Reaches of the Yangtze River: Some Isotope Constraints. <i>Acta Geologica Sinica</i> , 2000, 74, 207-212.	0.8	2
1386	Bimodal tholeiitic and mildly alkalic basalts from Bhir area, central Deccan Volcanic Province, India: Geochemistry and petrogenesis. <i>Journal of Volcanology and Geothermal Research</i> , 2010, 189, 278-290.	0.8	12
1387	Dating the onset of Variscan crustal exhumation in the core of the Bohemian Massif: new Uâ€“Pb single zircon ages from the high-K calc-alkaline granodiorites of the BlatnÃ¡j suite, Central Bohemian Plutonic Complex. <i>Journal of the Geological Society</i> , 2010, 167, 347-360.	0.9	61
1389	Controls on Devonianâ€“Carboniferous magmatism in Tasmania, based on inherited zircon age patterns, Sr, Nd and Pb isotopes, and major and trace element geochemistry. <i>Australian Journal of Earth Sciences</i> , 2010, 57, 933-968.	0.4	40
1390	Petrogenesis of volcanic and intrusive rocks of the Zhuanqiao stage, Luzong Basin, Yangtze metallogenic belt, east China: implications for ore deposition. <i>International Geology Review</i> , 2011, 53, 526-541.	1.1	20
1391	Petrogenesis of Latest Mioceneâ€“Quaternary Continental Intraplate Volcanism along the Northern Dead Sea Fault System (Al Ghabâ€“Homs Volcanic Field), Western Syria: Evidence for Lithosphereâ€“Asthenosphere Interaction. <i>Journal of Petrology</i> , 2011, 52, 401-430.	1.1	73
1392	High-Mg Andesite Petrogenesis by Amphibole Crystallization and Ultramafic Crust Assimilation: Evidence from Adamello Hornblendites (Central Alps, Italy). <i>Journal of Petrology</i> , 2011, 52, 1011-1045.	1.1	74
1393	Relating magma composition to eruption variability at andesitic volcanoes: A case study from Mount Taranaki, New Zealand. <i>Bulletin of the Geological Society of America</i> , 2011, 123, 2005-2015.	1.6	30
1394	Quaternary post-collision alkaline volcanism NW of Ahar (NW Iran): geochemical constraints of fractional crystallization process. <i>Geologica Carpathica</i> , 2011, 62, 547-562.	0.2	16
1395	A Paleogene extensional arc flareâ€“up in Iran. <i>Tectonics</i> , 2011, 30, .	1.3	338

#	ARTICLE	IF	CITATIONS
1396	Geochemical and Sr-Nd isotope disequilibria during multi-stage anatexis in a metasedimentary Hercynian crust. <i>European Journal of Mineralogy</i> , 2011, 23, 207-222.	0.4	13
1397	K-Ar age, geochemical, and Sr-Pb isotopic compositions of keban magmatics, elazig, EasternAnatolia, Turkey. <i>Natural Science</i> , 2011, 03, 750-767.	0.2	1
1398	The evolution of the Arabian lower crust and lithospheric mantle " Geochemical constraints from southern Syrian mafic and ultramafic xenoliths. <i>Chemical Geology</i> , 2011, 280, 271-283.	1.4	23
1399	U-series disequilibria in Kick™em Jenny submarine volcano lavas: A new view of time-scales of magmatism in convergent margins. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 195-212.	1.6	19
1400	Timescales of magma differentiation from basalt to andesite beneath Hekla Volcano, Iceland: Constraints from U-series disequilibria in lavas from the last quarter-millennium flows. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 256-283.	1.6	37
1401	Geochemical evolution of historical lavas from Askja Volcano, Iceland: Implications for mechanisms and timescales of magmatic differentiation. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 570-587.	1.6	28
1402	Behaviour of Ni" PGE" Au" Cu in mafic" ultramafic volcanic suites of the 2.7Ga Kambalda Sequence, Kalgoorlie Terrane, Yilgarn Craton. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 2882-2910.	1.6	29
1403	Silicon isotope fractionation during magmatic differentiation. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 6124-6139.	1.6	137
1404	Investigation into the petrogenesis of Apollo 14 high-Al basaltic melts through crystal stratigraphy of plagioclase. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 6439-6460.	1.6	34
1405	Assimilation of the plutonic roots of the Andean arc controls variations in U-series disequilibria at Volcan Llaima, Chile. <i>Earth and Planetary Science Letters</i> , 2011, 303, 37-47.	1.8	46
1406	Hf" Nd isotope and trace element constraints on subduction inputs at island arcs: Limitations of Hf anomalies as sediment input indicators. <i>Earth and Planetary Science Letters</i> , 2011, 304, 212-223.	1.8	81
1407	Thermo-mechanical reactivation of locked crystal mushes: Melting-induced internal fracturing and assimilation processes in magmas. <i>Earth and Planetary Science Letters</i> , 2011, 304, 443-454.	1.8	124
1408	The Ammonia Tanks Tuff: Erupting a melt-rich rhyolite cap and its remobilized crystal cumulate. <i>Earth and Planetary Science Letters</i> , 2011, 310, 518-525.	1.8	56
1409	Boron isotopic composition of olivine-hosted melt inclusions from Gorgona komatiites, Colombia: New evidence supporting wet komatiite origin. <i>Earth and Planetary Science Letters</i> , 2011, 312, 201-212.	1.8	26
1410	U-series isotope systematics of mafic magmas from central Oregon: Implications for fluid involvement and melting processes in the Cascade arc. <i>Earth and Planetary Science Letters</i> , 2011, 312, 378-389.	1.8	6
1411	High-K calc-alkaline to A-type fissure-controlled volcano-plutonism of the S"o F"lix do Xingu region, Amazonian craton, Brazil: Exclusively crustal sources or only mixed Nd model ages?. <i>Journal of South American Earth Sciences</i> , 2011, 32, 351-368.	0.6	53
1412	Across-arc variation of the Famatinian magmatic arc (NW Argentina) exemplified by I, S- and transitional I/S-type Early Ordovician granitoids of the Sierra de Velasco. <i>Journal of South American Earth Sciences</i> , 2011, 32, 110-126.	0.6	53
1413	Weak compositional zonation in a silicic magmatic system: Incesu ignimbrite, Central Anatolian Volcanic Province (Kayseri " Turkey). <i>Journal of Asian Earth Sciences</i> , 2011, 40, 371-393.	1.0	3

#	ARTICLE	IF	CITATIONS
1414	The Chogat-Chamardi subvolcanic complex, Saurashtra, northwestern Deccan Traps: Geology, petrochemistry, and petrogenetic evolution. <i>Journal of Asian Earth Sciences</i> , 2011, 41, 307-324.	1.0	42
1415	Pyroxenites and megacrysts from Vitim picrite-basalts (Russia): Polybaric fractionation of rising melts in the mantle?. <i>Journal of Asian Earth Sciences</i> , 2011, 42, 14-37.	1.0	44
1416	Magmatic differentiation in the calc-alkaline Khalkhabâ€Neshveh pluton, Central Iran. <i>Journal of Asian Earth Sciences</i> , 2011, 42, 499-514.	1.0	45
1417	Geochemistry and zircon Uâ€Pb geochronology of Aligoodarz granitoid complex, Sanandaj-Sirjan Zone, Iran. <i>Journal of Asian Earth Sciences</i> , 2011, 43, 11-11.	1.0	15
1418	HIGH Sr/Y ARC MAGMAS AND PORPHYRY Cu Â Mo Â Au DEPOSITS: JUST ADD WATER. <i>Economic Geology</i> , 2011, 106, 1075-1081.	1.8	410
1419	Petrology and Geochemistry of Postâ€Collisional Early Miocene Volcanism in the KaracadaÇS Area (Central Anatolia, Turkey). <i>Acta Geologica Sinica</i> , 2011, 85, 1100-1117.	0.8	11
1420	Crustal contamination and mantle source characteristics in continental intra-plate volcanic rocks: Pb, Hf and Os isotopes from central European volcanic province basalts. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 2664-2683.	1.6	44
1421	GÃ©ochimie des laves basaltiques rÃ©centes des zones Nord et Est de NgaoundÃ©rÃ© (Cameroun, Plateau de) and Chemical Sciences, 2011, 4, .	0.1	3
1422	Continental arc magmatism in a Mesoproterozoic convergent margin: Petrological and geochemical constraints from the magmatic suite of Kondapalle along the eastern margin of the Indian plate. <i>Tectonophysics</i> , 2011, 510, 151-171.	0.9	33
1423	Porphyry and skarn Auâ€Cu deposits in the Shizishan orefield, Tongling, East China: Uâ€Pb dating and in-situ Hf isotope analysis of zircons and petrogenesis of associated granitoids. <i>Ore Geology Reviews</i> , 2011, 43, 182-193.	1.1	36
1424	Magmatic to hydrothermal metal fluxes in convergent and collided margins. <i>Ore Geology Reviews</i> , 2011, 40, 1-26.	1.1	599
1425	A reappraisal of the high-Ti and low-Ti classification of basalts and petrogenetic linkage between basalts and maficâ€ultramafic intrusions in the Emeishan Large Igneous Province, SW China. <i>Ore Geology Reviews</i> , 2011, 41, 133-143.	1.1	63
1426	Petrology of the Luingo caldera (SE margin of the Puna plateau): A middle Miocene window of the arcâ€back arc configuration. <i>Journal of Volcanology and Geothermal Research</i> , 2011, 200, 171-191.	0.8	22
1427	Crustal evolution in a cratonic nucleus: Granitoids and felsic volcanic rocks of the North Caribou Terrane, Superior Province Canada. <i>Lithos</i> , 2011, 123, 37-49.	0.6	12
1428	Multiple crustâ€mantle interactions for the destruction of the North China Craton: Geochemical and Srâ€Ndâ€Pbâ€Hf isotopic evidence from the Longbaoshan alkaline complex. <i>Lithos</i> , 2011, 122, 87-106.	0.6	64
1429	Triassic alkaline magmatism of the Hawasina Nappes: Post-breakup melting of the Oman lithospheric mantle modified by the Permian Neotethyan Plume. <i>Lithos</i> , 2011, 122, 122-136.	0.6	28
1430	40Ar/39Ar ages and Srâ€Ndâ€Pbâ€Os geochemistry of CAMP tholeiites from Western MaranhÃ£o basin (NE) Tj ETQq0 0 0 rgBT /Over	0.6	108
1431	Deep crustal melting in the Peruvian Andes: Felsic magma generation during delamination and uplift. <i>Lithos</i> , 2011, 125, 272-286.	0.6	50





#	ARTICLE	IF	CITATIONS
1450	New SHRIMP, Rb/Sr and Sm/Nd isotope and whole rock chemical data from central Mozambique and western Dronning Maud Land, Antarctica: Implications for the nature of the eastern margin of the Kalahari Craton and the amalgamation of Gondwana. <i>Journal of African Earth Sciences</i> , 2011, 59, 74-100.	0.9	47
1451	Intrusion of Mafic magmas Into Felsic Magma Chambers: New Insights from Natural Outcrops and Fluid-Mechanics Experiments. <i>Italian Journal of Geosciences</i> , 2011, , 3-15.	0.4	2
1452	The relations between felsic and mafic volcanic rocks in continental flood basalts of Ethiopia: implication for the thermal weakening of the crust. <i>Geological Society Special Publication</i> , 2011, 357, 253-264.	0.8	9
1453	Petrogenetic and tectonic inferences from the study of the Mt Cer pluton (West Serbia). <i>Geological Magazine</i> , 2011, 148, 89-111.	0.9	26
1454	Deep Mafic Roots to Arc Volcanoes: Mafic Recharge and Differentiation of Basaltic Andesite at North Sister Volcano, Oregon Cascades. <i>Journal of Petrology</i> , 2011, 52, 603-641.	1.1	28
1455	PETROGENESIS OF THE FALSE BAY DYKE SWARM, CAPE PENINSULA, SOUTH AFRICA: EVIDENCE FOR BASEMENT ASSIMILATION. <i>South African Journal of Geology</i> , 2011, 114, 335-352.	0.6	22
1456	What "anorogenic" igneous rocks can tell us about the chemical composition of the upper mantle: case studies from the circum-Mediterranean area. <i>Geological Magazine</i> , 2011, 148, 304-316.	0.9	21
1457	An Investigation into the Nature of the Magmatic Plumbing System at Paricutin Volcano, Mexico. <i>Journal of Petrology</i> , 2011, 52, 2187-2220.	1.1	36
1458	Open-system Behavior during Pluton-Wall-rock Interaction as Constrained from a Study of Endoskarns in the Sierra Nevada Batholith, California. <i>Journal of Petrology</i> , 2011, 52, 1987-2008.	1.1	13
1459	Differentiation of Tholeiitic Basalt to A-Type Granite in the Sept Iles Layered Intrusion, Canada. <i>Journal of Petrology</i> , 2011, 52, 487-539.	1.1	101
1460	Metabasic rocks in the Varied Group of the Moldanubian Zone, southern Bohemia - their petrology, geochemical character and possible petrogenesis. <i>Journal of Geosciences (Czech Republic)</i> , 2012, , 31-64.	0.3	7
1461	Cenozoic Volcanism on the Hangai Dome, Central Mongolia: Geochemical Evidence for Changing Melt Sources and Implications for Mechanisms of Melting. <i>Journal of Petrology</i> , 2012, 53, 1913-1942.	1.1	72
1462	Magma Chambers Emplaced in Carbonate Substrate: Petrogenesis of Skarn and Cumulate Rocks and Implications for CO <sub>2</sub> Degassing in Volcanic Areas. <i>Journal of Petrology</i> , 2012, 53, 2307-2332.	1.1	68
1463	Temporal Evolution of a High-K Andesitic Magmatic System: Taranaki Volcano, New Zealand. <i>Journal of Petrology</i> , 2012, 53, 325-363.	1.1	26
1464	Permian-Carboniferous arc magmatism and basin evolution along the western margin of Pangea: Geochemical and geochronological evidence from the eastern Acatlan Complex, southern Mexico. <i>Bulletin of the Geological Society of America</i> , 2012, 124, 1607-1628.	1.6	61
1465	Title is missing!. , 2012, 8, 292.		57
1466	Elemental and Isotopic Evidence for Granitoid Genesis From Deep-Seated Sources in the Coast Mountains Batholith, British Columbia. <i>Journal of Petrology</i> , 2012, 53, 1505-1536.	1.1	63
1467	The Anatomy of an Andesite Volcano: a Time-Stratigraphic Study of Andesite Petrogenesis and Crustal Evolution at Ruapehu Volcano, New Zealand. <i>Journal of Petrology</i> , 2012, 53, 2139-2189.	1.1	103

#	ARTICLE	IF	CITATIONS
1468	Title is missing!. , 2012, 8, 265.		37
1469	Granitic magmatism, from source to emplacement: a personal view. Transactions of the Institution of Mining and Metallurgy Section B-Applied Earth Science, 2012, 121, 107-136.	0.8	34
1470	Processes and Timescales of Magma Genesis and Differentiation Leading to the Great Tambora Eruption in 1815. Journal of Petrology, 2012, 53, 271-297.	1.1	37
1471	Characteristics and geodynamic setting of the 2.7 Ga Yilgarn heterogeneous plume and its interaction with continental lithosphere: evidence from komatiitic basalt and basalt geochemistry of the Eastern Goldfields Superterrane. Australian Journal of Earth Sciences, 2012, 59, 737-763.	0.4	16
1472	THE MURCHISON GREENSTONE BELT (SOUTH AFRICA): A GENERAL TECTONIC FRAMEWORK. South African Journal of Geology, 2012, 115, 65-76.	0.6	24
1473	Petrogenesis of High-MgO Lavas of the Lower Mull Plateau Group, Scotland: Insights from Melt Inclusions. Journal of Petrology, 2012, 53, 1867-1886.	1.1	11
1474	Geochemical temporal evolution of Brava Island magmatism: Constraints on the variability of Cape Verde mantle sources and on carbonatite-silicate magma link. Chemical Geology, 2012, 334, 44-61.	1.4	34
1475	The growth of large mafic intrusions: Comparing Niquelândia and Ivrea igneous complexes. Lithos, 2012, 155, 167-182.	0.6	24
1476	The genesis of Cenozoic basalts from the Jining area, northern China: Sr-Nd-Pb-Hf isotope evidence. Journal of Asian Earth Sciences, 2012, 61, 128-142.	1.0	26
1477	Geochemistry of Cenozoic volcanic rocks in Tengchong, SW China: relationship with the uplift of the Tibetan Plateau. Island Arc, 2012, 21, 255-269.	0.5	13
1478	Heterogeneous Os isotope compositions in the Kalatongke sulfide deposit, NW China: the role of crustal contamination. Mineralium Deposita, 2012, 47, 731-738.	1.7	18
1479	An integrated zircon geochronological and geochemical investigation into the Miocene plutonic evolution of the Cyclades, Aegean Sea, Greece: part 2-geochemistry. Contributions To Mineralogy and Petrology, 2012, 164, 915-933.	1.2	27
1480	Crustal versus source processes recorded in dykes from the Northeast volcanic rift zone of Tenerife, Canary Islands. Chemical Geology, 2012, 334, 324-344.	1.4	19
1481	A comparative study of two rear-arc plutons and implications for the Fuegian Andes tectonic evolution: Mount Kranck Pluton and Jujuy Monzonite, Argentina. Journal of South American Earth Sciences, 2012, 38, 71-88.	0.6	10
1482	Geochemical and isotopic constraints on the age and origin of mafic dikes from eastern Shandong Province, eastern North China Craton. International Geology Review, 2012, 54, 1389-1400.	1.1	30
1483	Carboniferous appinitic intrusions from the northern North China craton: geochemistry, petrogenesis and tectonic implications. Journal of the Geological Society, 2012, 169, 337-351.	0.9	37
1484	Zircon Trace Element and Hf Isotope Analyses of Mineralized Intrusions from El Teniente Ore Deposit, Chilean Andes: Constraints on the Source and Magmatic Evolution of Porphyry Cu-Mo Related Magmas. Journal of Petrology, 2012, 53, 1091-1122.	1.1	97
1485	The Crustal Magma Storage System of Volcán Quizapu, Chile, and the Effects of Magma Mixing on Magma Diversity. Journal of Petrology, 2012, 53, 801-840.	1.1	108

#	ARTICLE	IF	CITATIONS
1486	Neoproterozoic accretionary tectonics along the northwestern margin of the Yangtze Block, China: Constraints from zircon U–Pb geochronology and geochemistry. <i>Precambrian Research</i> , 2012, 196-197, 247-274.	1.2	221
1487	Complex calc-alkaline volcanism recorded in Mesoarchaean supracrustal belts north of Frederikshåb Isblink, southern West Greenland: Implications for subduction zone processes in the early Earth. <i>Precambrian Research</i> , 2012, 208-211, 90-123.	1.2	44
1488	A mathematical model of trace element and isotopic behavior during simultaneous assimilation and imperfect fractional crystallization. <i>Contributions To Mineralogy and Petrology</i> , 2012, 164, 427-440.	1.2	15
1489	Melt Segregation in Deep Crustal Hot Zones: a Mechanism for Chemical Differentiation, Crustal Assimilation and the Formation of Evolved Magmas. <i>Journal of Petrology</i> , 2012, 53, 1999-2026.	1.1	191
1490	Disequilibrium melting during crustal anatexis and implications for modeling open magmatic systems. <i>Geology</i> , 2012, 40, 435-438.	2.0	56
1491	Geological, Petrological and Geochemical Evidence for Progressive Construction of an Arc Crustal Section, Sierra de Valle Fertil, Famatinian Arc, Argentina. <i>Journal of Petrology</i> , 2012, 53, 761-800.	1.1	100
1492	Triassic diorites and granitoids in the Foping area: Constraints on the conversion from subduction to collision in the Qinling orogen, China. <i>Journal of Asian Earth Sciences</i> , 2012, 47, 123-142.	1.0	170
1493	Geology, petrochemistry, and genesis of the bimodal lavas of Osham Hill, Saurashtra, northwestern Deccan Traps. <i>Journal of Asian Earth Sciences</i> , 2012, 43, 176-192.	1.0	35
1494	Post-Eocene volcanics of the Abazar district, Qazvin, Iran: Mineralogical and geochemical evidence for a complex magmatic evolution. <i>Journal of Asian Earth Sciences</i> , 2012, 45, 79-94.	1.0	20
1495	Source, evolution and emplacement of Permian Tarim Basalts: Evidence from U–Pb dating, Sr–Nd–Pb–Hf isotope systematics and whole rock geochemistry of basalts from the Keping area, Xinjiang Uygur Autonomous region, northwest China. <i>Journal of Asian Earth Sciences</i> , 2012, 49, 175-190.	1.0	52
1496	Middle-Late Ordovician arc-type plutonism in the NW Chinese Tianshan: Implication for the accretion of the Kazakhstan continent in Central Asia. <i>Journal of Asian Earth Sciences</i> , 2012, 49, 40-53.	1.0	86
1497	Mapping 87Sr/86Sr variations in bedrock and water for large scale provenance studies. <i>Chemical Geology</i> , 2012, 304-305, 39-52.	1.4	195
1498	Evolution of the martian mantle inferred from the 187Re–187Os isotope and highly siderophile element abundance systematics of shergottite meteorites. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 76, 206-235.	1.6	117
1499	A possible high Nb/Ta reservoir in the continental lithospheric mantle and consequences on the global Nb budget – Evidence from continental basalts from Central Germany. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 77, 232-251.	1.6	98
1500	Eastern Dharwar Craton, India: Continental lithosphere growth by accretion of diverse plume and arc terranes. <i>Geoscience Frontiers</i> , 2012, 3, 225-240.	4.3	170
1501	Magma Evolution in the Primitive, Intra-oceanic Tonga Arc: Rapid Petrogenesis of Dacites at Fonualei Volcano. <i>Journal of Petrology</i> , 2012, 53, 1231-1253.	1.1	51
1502	Petrogenesis and geochronology of Precambrian granitoid gneisses in Western Liaoning Province: Constraints on Neoproterozoic to early Paleoproterozoic crustal evolution of the North China Craton. <i>Precambrian Research</i> , 2012, 222-223, 290-311.	1.2	125
1503	The late Ediacaran (580–590Ma) onset of anorogenic alkaline magmatism in the Arabian–Nubian Shield: Katherina A-type rhyolites of Gabal Ma'in, Sinai, Egypt. <i>Precambrian Research</i> , 2012, 216-219, 1-22.	1.2	35

#	ARTICLE	IF	CITATIONS
1504	Open System evolution of peralkaline trachyte and phonolite from the Suswa volcano, Kenya rift. <i>Lithos</i> , 2012, 152, 84-104.	0.6	33
1505	The mixing of magmas in plutonic and volcanic environments: Analogies and differences. <i>Lithos</i> , 2012, 153, 261-277.	0.6	125
1506	Late Paleozoic to Early Mesozoic arc-related magmatism in southeastern Korea: SHRIMP zircon geochronology and geochemistry. <i>Lithos</i> , 2012, 153, 129-141.	0.6	69
1507	The role of fractional crystallization in the genesis of early syn-D3, tin-mineralized Variscan two-mica granites from the Carrazeda de Ansiães area, northern Portugal. <i>Lithos</i> , 2012, 153, 177-191.	0.6	58
1508	Alkaline magmatism of the Vitim province, West Transbaikalia, Russia: Age, mineralogical, geochemical and isotope (Đž, C, D, Sr and Nd) data. <i>Lithos</i> , 2012, 152, 157-172.	0.6	32
1509	Post-collisional transition from an extensional volcano-sedimentary basin to a continental arc in the Alborz Ranges, N-Iran. <i>Lithos</i> , 2012, 148, 98-111.	0.6	91
1510	Spatio-temporal evolution of a dispersed magmatic system and its implications for volcano growth, Jeju Island Volcanic Field, Korea. <i>Lithos</i> , 2012, 148, 337-352.	0.6	70
1511	Petrogenesis of Late Triassic intrusive rocks in the northern Liaodong Peninsula related to decratonization of the North China Craton: Zircon U <sup>238</sup> Pb age and Hf <sup>182</sup> O isotope evidence. <i>Lithos</i> , 2012, 153, 108-128.	0.6	119
1512	Petrogenetic evaluation of the Laohutai basalts from North China Craton: Melting of a two-component source during lithospheric thinning in the late Cretaceous–early Cenozoic. <i>Lithos</i> , 2012, 154, 68-82.	0.6	40
1513	Early Cretaceous intermediate- mafic dykes in the Dabie orogen, eastern China: Petrogenesis and implications for crust–mantle interaction. <i>Lithos</i> , 2012, 154, 83-99.	0.6	55
1514	Eocene Granitic Magmatism in NW Anatolia (Turkey) revisited: New implications from comparative zircon SHRIMP U <sup>238</sup> Pb and 40Ar <sup>39</sup> Ar geochronology and isotope geochemistry on magma genesis and emplacement. <i>Lithos</i> , 2012, 155, 289-309.	0.6	88
1515	Geochronology and geochemistry of the Essimingor volcano: Melting of metasomatized lithospheric mantle beneath the North Tanzanian Divergence zone (East African Rift). <i>Lithos</i> , 2012, 155, 310-325.	0.6	47
1516	Geochronology/geochemistry of the Washan dioritic porphyry associated with Kiruna-type iron ores, Middle-Lower Yangtze River Valley, eastern China: implications for petrogenesis/mineralization. <i>International Geology Review</i> , 2012, 54, 1332-1352.	1.1	20
1517	The Role of H <sub>2</sub> O in Subduction Zone Magmatism. <i>Annual Review of Earth and Planetary Sciences</i> , 2012, 40, 413-439.	4.6	472
1518	Origin and evolution of post-collisional volcanism: an example from Neoproterozoic Dokhan volcanics at Gabal Nugara area, Northeastern Desert, Egypt. <i>Arabian Journal of Geosciences</i> , 2012, 5, 663-695.	0.6	17
1519	Geochronological (Rb-Sr and Sm-Nd) studies on intrusive gabbros and dolerite dykes from parts of Northern and Central Indian cratons: Implications for the age of onset of sedimentation in Bijawar and Chattisgarh basins and uranium mineralisation. <i>Journal of the Geological Society of India</i> , 2012, 79, 30-40.	0.5	29
1520	Spatial, temporal and geochemical evolution of Oligo–Miocene granitoid magmatism in western Anatolia, Turkey. <i>Gondwana Research</i> , 2012, 21, 961-986.	3.0	101
1521	Carboniferous mantle-derived felsic intrusion in the Chinese Altai, NW China: Implications for geodynamic change of the accretionary orogenic belt. <i>Gondwana Research</i> , 2012, 22, 681-698.	3.0	104

#	ARTICLE	IF	CITATIONS
1522	Mt. Nemrut volcano (Eastern Turkey): Temporal petrological evolution. <i>Journal of Volcanology and Geothermal Research</i> , 2012, 209-210, 33-60.	0.8	39
1523	Insights into shallow magma storage and crystallization at Volc. Llama (Andean Southern Volcanic) Tj ETQq1 1 0,784314 ggBT /Ov	0.8	65
1524	A caldera-forming eruption ~14,100±400 yr BP at Popocatepetl volcano, México: Insights from eruption dynamics and magma mixing. <i>Journal of Volcanology and Geothermal Research</i> , 2012, 213-214, 27-40.	0.8	55
1525	Melting of crustal rocks as a possible origin for Middle Miocene to Quaternary rhyolites of northeast Hokkaido, Japan: Constraints from Sr and Nd isotopes and major- and trace-element chemistry. <i>Journal of Volcanology and Geothermal Research</i> , 2012, 221-222, 52-70.	0.8	10
1526	Petrology and Sr- <sup>87</sup> Sr/ <sup>86</sup> Sr and Pb isotope geochemistry of Late Cretaceous continental rift ignimbrites, Kap Washington peninsula, North Greenland. <i>Journal of Volcanology and Geothermal Research</i> , 2012, 219-220, 63-86.	0.8	10
1527	Petrochemistry, geochronology and Sr- <sup>87</sup> Sr/ <sup>86</sup> Sr isotopic systematics of the Tertiary collisional and post-collisional volcanic rocks from the Ulubey (Ordu) area, eastern Pontide, NE Turkey: Implications for extension-related origin and mantle source characteristics. <i>Lithos</i> , 2012, 128-131, 126-147.	0.6	94
1528	Lithospheric petrology of the eastern Arabian Plate: Constraints from Al-Ashkhara (Oman) xenoliths. <i>Lithos</i> , 2012, 132-133, 98-112.	0.6	17
1529	Petrology of the Coyaguayma ignimbrite, northern Puna of Argentina: Origin and evolution of a peraluminous high-SiO <sub>2</sub> rhyolite magma. <i>Lithos</i> , 2012, 134-135, 179-200.	0.6	25
1530	What controls chemical variation in granitic magmas?. <i>Lithos</i> , 2012, 134-135, 317-329.	0.6	418
1531	The Cretaceous Duimiangou adakite-like intrusion from the Chifeng region, northern North China Craton: Crustal contamination of basaltic magma in an intracontinental extensional environment. <i>Lithos</i> , 2012, 134-135, 273-288.	0.6	34
1532	Early Jurassic high-K calc-alkaline and shoshonitic rocks from the Tongshi intrusive complex, eastern North China Craton: Implication for crust-mantle interaction and post-collisional magmatism. <i>Lithos</i> , 2012, 140-141, 183-199.	0.6	67
1533	Northwestern Junggar Basin, Xiemisitai Mountains, China: A geochemical and geochronological approach. <i>Lithos</i> , 2012, 140-141, 103-118.	0.6	107
1534	Magma interaction processes in syn-extensional granitoids: The Tertiary Menderes Metamorphic Core Complex, western Turkey. <i>Lithos</i> , 2012, 142-143, 16-33.	0.6	39
1535	Discovery of an adakite-like pluton near Dongqiyishan (Beishan, NW China) – Its age and tectonic significance. <i>Lithos</i> , 2012, 142-143, 148-160.	0.6	46
1536	Origin of Mesoarchaean arc-related rocks with boninite/komatiite affinities from southern West Greenland. <i>Lithos</i> , 2012, 144-145, 24-39.	0.6	32
1537	Mesoproterozoic within-plate igneous province of the western urals: Main petrogenetic rock types and their origin. <i>Petrology</i> , 2012, 20, 356-390.	0.2	10
1538	Timescale of open-reservoir evolution beneath the south Cleft segment, Juan de Fuca ridge. <i>Mineralogy and Petrology</i> , 2012, 104, 1-14.	0.4	8
1539	Geochemistry and geodynamic implications of the Triassic bimodal magmatism from Western Kunlun Orogen, northwest China. <i>International Journal of Earth Sciences</i> , 2012, 101, 555-577.	0.9	6

#	ARTICLE	IF	CITATIONS
1540	Origin of Meso-Proterozoic post-collisional leucogranite suites (Kaokoveld, Namibia): constraints from geochronology and Nd, Sr, Hf, and Pb isotopes. <i>Contributions To Mineralogy and Petrology</i> , 2012, 163, 1-17.	1.2	25
1541	Evolution of silicic magmas in the Kos-Nisyros volcanic center, Greece: a petrological cycle associated with caldera collapse. <i>Contributions To Mineralogy and Petrology</i> , 2012, 163, 151-166.	1.2	84
1542	Petrogenesis of the Neogene volcanic units in the NE-SW-trending basins in western Anatolia, Turkey. <i>Contributions To Mineralogy and Petrology</i> , 2012, 163, 379-401.	1.2	58
1543	Crustal growth in the 3.4-2.7Ga $\text{Jos de Campestre Massif}$ , Borborema Province, NE Brazil. <i>Precambrian Research</i> , 2013, 227, 120-156.	1.2	81
1544	Geochronological (Rb-Sr and Sm-Nd) Studies on Intrusive Gabbros and Dolerite Dykes from parts of Northern and Central Indian Cratons: Implications for the Age of Onset of Sedimentation in Bijawar and Chattisgarh Basins and Uranium Mineralisation. <i>Journal of the Geological Society of India</i> , 2013, 81, 438-442.	0.5	3
1545	Archaean andesite petrogenesis: Insights from the Grødefjord Supracrustal Belt, southern West Greenland. <i>Precambrian Research</i> , 2013, 236, 1-15.	1.2	38
1546	$^{40}\text{Ar}$ - $^{39}\text{Ar}$ dating, whole-rock and Sr-Nd-Pb isotope geochemistry of post-collisional Eocene volcanic rocks in the southern part of the Eastern Pontides (NE Turkey): implications for magma evolution in extension-induced origin. <i>Contributions To Mineralogy and Petrology</i> , 2013, 166, 113-142.	1.2	104
1547	Petrogenetic relationships between peralkaline rhyolite dykes and mafic rocks in the post-Variscan gabbroic complex from Bocca di Tenda (northern Corsica, France). <i>Contributions To Mineralogy and Petrology</i> , 2013, 165, 1073-1085.	1.2	14
1548	Geochemistry of the Palitana flood basalt sequence and the Eastern Saurashtra dykes, Deccan Traps: clues to petrogenesis, dyke-flow relationships, and regional lava stratigraphy. <i>Bulletin of Volcanology</i> , 2013, 75, 1.	1.1	37
1549	Petrogenesis of Early Cretaceous bimodal volcanic rocks in the Fanchang Basin, SE China: an energy-constrained assimilation-fractional crystallization model. <i>International Geology Review</i> , 2013, 55, 917-940.	1.1	3
1550	Zircon U-Pb age, geochemical, and Sr-Nd-Pb isotopic constraints on the origin of alkaline intrusions in eastern Shandong Province, China. <i>Mineralogy and Petrology</i> , 2013, 107, 591-608.	0.4	10
1551	Petrogenesis of Early Paleozoic basalts and gabbros in the western Cuyania terrane: Constraints on the tectonic setting of the southwestern Gondwana margin (Sierra del Tigre, Andean Argentina) <a href="#">Tj ETQq1 1 0.784310 rgBT /@verlock 10</a>		
1552	Petrogenesis of the Cretaceous Zhangzhou batholith in southeastern China: Zircon U-Pb age and Sr-Nd-Hf-O isotopic evidence. <i>Lithos</i> , 2013, 162-163, 140-156.	0.6	93
1553	AIFCCalc: An Excel spreadsheet for modeling simultaneous assimilation and imperfect fractional crystallization. <i>Computers and Geosciences</i> , 2013, 51, 410-414.	2.0	6
1554	Geochemistry and petrogenesis of Mashhad granitoids: An insight into the geodynamic history of the Paleo-Tethys in northeast of Iran. <i>Lithos</i> , 2013, 170-171, 105-116.	0.6	39
1555	The petrogenesis of calc-alkaline granites from the Elat massif, Northern Arabian-Nubian shield. <i>Precambrian Research</i> , 2013, 236, 252-264.	1.2	19
1556	The North Atlantic Igneous Province. <i>Geophysical Monograph Series</i> , 0, , 45-93.	0.1	219
1557	Rajmahal Basalts, Eastern India: Mantle Sources and Melt Distribution at a Volcanic Rifted Margin. <i>Geophysical Monograph Series</i> , 0, , 145-182.	0.1	60

#	ARTICLE	IF	CITATIONS
1558	Introduction to Special Issue on Granites and Rhyolites: A Commentary for the Nonspecialist. , 2013, , 10131-10135.		0
1559	A Neodymium and Strontium Isotopic Study of the Mesozoic Calc-Alkaline Granitic Batholiths of the Sierra Nevada and Peninsular Ranges, California. , 0, , 10470-10488.		0
1560	Mid-Tertiary (25â€“21Ma) lamprophyres in NW Mexico derived from subduction-modified subcontinental lithospheric mantle in an extensional backarc environment following steepening of the Benioff zone. Tectonophysics, 2013, 590, 59-71.	0.9	35
1561	Calc-alkaline lamprophyres from Lusatia (Germany)â€”Evidence for a repeatedly enriched mantle source. Chemical Geology, 2013, 353, 230-245.	1.4	41
1562	Petrogenesis and tectonic settings of the Late Carboniferous Jiamantieliek and Baogutu ore-bearing porphyry intrusions in the southern West Junggar, NW China. Journal of Asian Earth Sciences, 2013, 75, 158-173.	1.0	30
1563	Magmatic Differentiation in the Teideâ€“Pico Viejo Succession: Isotope Analysis as a Key to Deciphering the Origin of Phonolite Magma. Active Volcanoes of the World, 2013, , 173-190.	1.0	0
1564	Geochemical diagnostics of metasedimentary dark enclaves: a case study from the Peninsular Ranges Batholith, southern California. International Geology Review, 2013, 55, 1049-1072.	1.1	7
1565	Triggers for the formation of porphyry ore deposits in magmatic arcs. Nature Geoscience, 2013, 6, 917-925.	5.4	351
1566	PT conditions and trace element variations of picroilmenites and pyropes from placers and kimberlites in the Arkhangelsk region, NW Russia. Journal of Asian Earth Sciences, 2013, 70-71, 45-63.	1.0	25
1567	Crystallization and saturation front propagation in silicic magma chambers. Earth and Planetary Science Letters, 2013, 383, 182-193.	1.8	29
1568	Teide Volcano. Active Volcanoes of the World, 2013, , .	1.0	12
1569	Geochemical and isotopic constraints on the genesis of the Jueluotage native copper mineralized basalt, Eastern Tianshan, Northwest China. Journal of Asian Earth Sciences, 2013, 73, 317-333.	1.0	34
1570	Source of highly potassic basalts in northeast China: Evidence from Reâ€“Os, Srâ€“Ndâ€“Hf isotopes and PGE geochemistry. Chemical Geology, 2013, 357, 52-66.	1.4	63
1571	Upper and lower crust recycling in the source of CAMP basaltic dykes from southeastern North America. Earth and Planetary Science Letters, 2013, 376, 186-199.	1.8	66
1572	Os isotopic compositions of MORBs from the ultra-slow spreading Southwest Indian Ridge: Constraints on the assimilation and fractional crystallization (AFC) processes. Lithos, 2013, 179, 28-35.	0.6	22
1573	The northern and southern sections of the western ca. 1880Ma Circum-Superior Large Igneous Province, North America: The Pickle Crow dyke connection?. Lithos, 2013, 174, 217-235.	0.6	29
1574	Post-collisional adakitic volcanism in the eastern part of the Sakarya Zone, Turkey: evidence for slab and crustal melting. Contributions To Mineralogy and Petrology, 2013, 166, 1443-1468.	1.2	57
1575	Adakite-like and Normal Arc Magmas: Distinct Fractionation Paths in the East Serbian Segment of the Balkanâ€“Carpathian Arc. Journal of Petrology, 2013, 54, 421-451.	1.1	59



#	ARTICLE	IF	CITATIONS
1576	Zinc isotope fractionation during magmatic differentiation and the isotopic composition of the bulk Earth. <i>Earth and Planetary Science Letters</i> , 2013, 369-370, 34-42.	1.8	216
1577	The Lithospheric Mantle Plays No Active Role in the Formation of Orthomagmatic Ore Deposits. <i>Economic Geology</i> , 2013, 108, 1953-1970.	1.8	40
1578	Petrogenesis of Middle Miocene Primitive Basalt, Andesite and Garnet-bearing Adakitic Rhyodacite from the Ryozen Formation: Implications for the Tectono-magmatic Evolution of the NE Japan Arc. <i>Journal of Petrology</i> , 2013, 54, 2413-2454.	1.1	25
1579	An Early Devonian to Early Carboniferous volcanic arc in North Tianshan, NW China: Geochronological and geochemical evidence from volcanic rocks. <i>Journal of Asian Earth Sciences</i> , 2013, 78, 100-113.	1.0	84
1580	Re and Os isotopes of the central Oregon Cascades and along the arc indicate variable homogenization and mafic growth in the deep crust. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 109, 345-364.	1.6	10
1581	Synextensional magmatism leading to crustal flow in the Albion-Raft River-Grouse Creek metamorphic core complex, northeastern Basin and Range. <i>Tectonics</i> , 2013, 32, 1384-1403.	1.3	26
1582	<sup>40</sup> Ar/ <sup>39</sup> Ar dating, geochemistry, and isotopic analyses of the quaternary Chichinautzin volcanic field, south of Mexico City: implications for timing, eruption rate, and distribution of volcanism. <i>Bulletin of Volcanology</i> , 2013, 75, 1.	1.1	54
1583	Petrogenesis of rift-related tephrites, phonolites and trachytes (Central European Volcanic Province, Tj ETQq1 1 0.784314 rgBT /Over 1.4 24		
1584	The Early Andean subduction system as an analog to island arcs: Evidence from across-arc geochemical variations in northern Chile. <i>Lithos</i> , 2013, 179, 211-230.	0.6	45
1585	Adakitic magmatism in post-collisional setting: An example from the Early-Middle Eocene Magmatic Belt in Southern Bulgaria and Northern Greece. <i>Lithos</i> , 2013, 180-181, 159-180.	0.6	42
1586	Sr-Nd-Hf-Pb isotope and trace element evidence for the origin of alkalic basalts in the Garibaldi Belt, northern Cascade arc. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 3126-3155.	1.0	37
1587	U-Pb Zircon Age, Geochemical, and Sr-Nd-Pb Isotopic Constraints on the Age and Origin of Mafic Dykes from Eastern Shandong Province, Eastern China. <i>Acta Geologica Sinica</i> , 2013, 87, 1045-1057.	0.8	10
1588	Petrography, geochemistry, and Hf-Nd isotope evolution of drill core samples and target rocks from the Elgygytgyn impact crater, NE Chukotka, Arctic Russia. <i>Meteoritics and Planetary Science</i> , 2013, 48, 1160-1198.	0.7	20
1589	THE GEOCHEMISTRY AND PETROGENESIS OF THE LATE CRETACEOUS ABU KHURUQ ALKALINE COMPLEX, EASTERN DESERT, EGYPT. <i>Canadian Mineralogist</i> , 2013, 51, 537-558.	0.3	5
1590	Mafic-intermediate plutonic rocks of the Salmas area, northwestern Iran: their source and petrogenesis significance. <i>International Geology Review</i> , 2013, 55, 2016-2029.	1.1	8
1591	Sm-Nd Dating. , 2013, , 1-20.		1
1592	<sup>40</sup> Ar/ <sup>39</sup> Ar ages and isotope geochemistry of Cretaceous basalts in northern Madagascar: refining eruption ages, extent of crustal contamination and parental magmas in a flood basalt province. <i>Geological Magazine</i> , 2013, 150, 1-17.	0.9	34
1593	Petrology and geochemistry of igneous inclusions in recent Merapi deposits: a window into the sub-volcanic plumbing system. <i>Contributions To Mineralogy and Petrology</i> , 2013, 165, 259-282.	1.2	41

#	ARTICLE	IF	CITATIONS
1594	Mineralogical and geochemical constraints on contribution of magma mixing and fractional crystallization to high-Mg adakite-like diorites in eastern Dabie orogen, East China. <i>Lithos</i> , 2013, 172-173, 118-138.	0.6	42
1595	Melanesian arc far-field response to collision of the Ontong Java Plateau: Geochronology and petrogenesis of the Simuku Igneous Complex, New Britain, Papua New Guinea. <i>Tectonophysics</i> , 2013, 603, 189-212.	0.9	41
1596	Pleistocene intraplate magmatism in the Goto Islands, SW Japan: Implications for mantle source evolution and regional geodynamics. <i>Journal of Geodynamics</i> , 2013, 68, 1-17.	0.7	9
1597	Osmium isotope variations accompanying the eruption of a single lava flow field in the Columbia River Flood Basalt Province. <i>Earth and Planetary Science Letters</i> , 2013, 368, 183-194.	1.8	16
1598	Age, petrogenesis and tectonic setting of the Thessalon volcanic rocks, Huronian Supergroup, Canada. <i>Precambrian Research</i> , 2013, 233, 144-172.	1.2	61
1599	Early Permian post-collisional high-K granitoids from Liuyuan area in southern Beishan orogen, NW China: Petrogenesis and tectonic implications. <i>Lithos</i> , 2013, 179, 99-119.	0.6	65
1600	Geochemistry and Sm-Nd isotopic composition of the Agou Igneous Complex (AIC) from the Pan-African orogen in southern Togo, West Africa: Geotectonic implications. <i>Journal of African Earth Sciences</i> , 2013, 82, 88-99.	0.9	5
1601	Geochemistry, mineralogy and petrology of the Eocene potassic magmatism from the Milk River area, southern Alberta, and Sweet Grass Hills, northern Montana. <i>Chemical Geology</i> , 2013, 353, 280-302.	1.4	16
1602	The Wernecke igneous clasts in Yukon, Canada: Fragments of the Paleoproterozoic volcanic arc terrane Bonnetia. <i>Precambrian Research</i> , 2013, 238, 78-92.	1.2	14
1603	Pervasive reactive melt migration through fast-spreading lower oceanic crust (Hess Deep, equatorial) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 10</i>	1.8	149
1604	Age and petrology of the Usun Apau and Linau Balui volcanics: Windows to central Borneo's interior. <i>Journal of Asian Earth Sciences</i> , 2013, 76, 372-388.	1.0	27
1605	Temporal source evolution and crustal contamination at Lopevi Volcano, Vanuatu Island Arc. <i>Journal of Volcanology and Geothermal Research</i> , 2013, 264, 72-84.	0.8	11
1606	The evolution of Gondwana: U-Pb, Sm-Nd, Pb-Pb and geochemical data from Neoproterozoic to Early Palaeozoic successions of the Kango Inlier (Saldania Belt, South Africa). <i>Sedimentary Geology</i> , 2013, 294, 164-178.	1.0	22
1607	Chapter 7 Volcanism, calderas and magmas of the Alicudi composite volcano (western Aeolian) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 10</i>	0.9	24
1608	Chapter 10 Stratigraphy and geological evolution of the Lipari volcanic complex (central Aeolian) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 10</i>	0.9	61
1609	The Pan-African Kekem gabbro-norite (West-Cameroon), U-Pb zircon age, geochemistry and Sr-Nd isotopes: Geodynamical implication for the evolution of the Central African fold belt. <i>Journal of African Earth Sciences</i> , 2013, 84, 70-88.	0.9	64
1610	The Aguilar pluton (23°12' S 65°40' W; NW Argentina): Petrological implications on the origin of the Late Jurassic intraplate magmatism in the Central Andes. <i>Journal of South American Earth Sciences</i> , 2013, 47, 55-71.	0.6	1
1611	Cryptic lower crustal signature in the source of the Ontong Java Plateau revealed by Os and Hf isotopes. <i>Earth and Planetary Science Letters</i> , 2013, 377-378, 84-96.	1.8	23

#	ARTICLE	IF	CITATIONS
1612	Petrogenesis of Cretaceous mafic intrusive rocks, Fosdick Mountains, West Antarctica: Melting of the sub-continental arc mantle along the Gondwana margin. <i>Gondwana Research</i> , 2013, 23, 1567-1580.	3.0	14
1613	Evolution and origin of the Miocene intraplate basalts on the Aleppo Plateau, NW Syria. <i>Chemical Geology</i> , 2013, 335, 149-171.	1.4	23
1614	Shift from lamproite-like to leucititic rocks: Sr <sup>87</sup> /Nd <sup>143</sup> /Pb isotope data from the Monte Cimino volcanic complex vs. the Vico stratovolcano, Central Italy. <i>Chemical Geology</i> , 2013, 353, 246-266.	1.4	62
1615	Silicon isotopes in granulite xenoliths: Insights into isotopic fractionation during igneous processes and the composition of the deep continental crust. <i>Earth and Planetary Science Letters</i> , 2013, 365, 221-231.	1.8	36
1616	Adakitic-like magmatism in western Ossa-Morena Zone (Portugal): Geochemical and isotopic constraints of the Pavia pluton. <i>Lithos</i> , 2013, 160-161, 98-116.	0.6	6
1617	Oxygen isotope evidence for the formation of andesitic-dacitic magmas from the fast-spreading Pacific Antarctic Rise by assimilation-fractional crystallisation. <i>Chemical Geology</i> , 2013, 347, 271-283.	1.4	57
1618	Potassic magma genesis and the Ailao Shan-Red River fault. <i>Journal of Geodynamics</i> , 2013, 69, 84-105.	0.7	30
1619	From back-arc to rifted margin: Geochemical and Nd isotopic records in Neoproterozoic-Cambrian metabasites of the Bystrzyckie and Orlickie Mountains (Sudetes, SW Poland). <i>Gondwana Research</i> , 2013, 23, 1104-1121.	3.0	24
1620	Crust-mantle interaction beneath the Luxi Block, eastern North China Craton: Evidence from coexisting mantle- and crust-derived enclaves in a quartz monzonite pluton. <i>Lithos</i> , 2013, 177, 1-16.	0.6	31
1621	The source of A-type magmas in two contrasting settings: U <sup>235</sup> /Pb, Lu <sup>176</sup> /Hf and Re <sup>187</sup> /Os isotopic constraints. <i>Chemical Geology</i> , 2013, 351, 175-194.	1.4	52
1622	Geology, geochemistry, geochronology, and economic potential of Neogene volcanic rocks in the Laguna Pedernal and Salar de Aguas Calientes segments of the Archibarca lineament, northwest Argentina. <i>Journal of Volcanology and Geothermal Research</i> , 2013, 258, 47-73.	0.8	35
1623	Evidence for distinct stages of magma history recorded by the compositions of accessory apatite and zircon. <i>Contributions To Mineralogy and Petrology</i> , 2013, 166, 1-19.	1.2	88
1624	Mafic forearc cumulates and associated rocks in the central high-pressure belt of the Acatlán Complex of southern Mexico: geochemical constraints. <i>International Geology Review</i> , 2013, 55, 1401-1417.	1.1	2
1625	The Paleoproterozoic Kaminak dykes, Hearne craton, western Churchill Province, Nunavut, Canada: Preliminary constraints on their age and petrogenesis. <i>Precambrian Research</i> , 2013, 232, 119-139.	1.2	21
1626	Differentiation of the late-Archaean sanukitoid series and some implications for crustal growth: Insights from geochemical modelling on the Bulai pluton, Central Limpopo Belt, South Africa. <i>Precambrian Research</i> , 2013, 227, 186-203.	1.2	57
1627	Neoproterozoic high-Mg basalts formed by melting of ambient mantle in South China. <i>Precambrian Research</i> , 2013, 233, 193-205.	1.2	78
1628	A hybrid composite dike suite from the northern Arabian Nubian Shield, southwest Jordan: Implications for magma mixing and partial melting of granite by mafic magma. <i>Journal of Volcanology and Geothermal Research</i> , 2013, 254, 80-93.	0.8	7
1629	Pre-eruptive conditions of dacitic magma erupted during the 21.7ka Plinian event at Nevado de Toluca volcano, Central Mexico. <i>Journal of Volcanology and Geothermal Research</i> , 2013, 249, 49-65.	0.8	17

#	ARTICLE	IF	CITATIONS
1630	Geochemistry of a komatiitic, boninitic, and tholeiitic basalt association in the Mesoproterozoic Koolyanobbing greenstone belt, Southern Cross Domain, Yilgarn craton: Implications for mantle sources and geodynamic setting of banded iron formation. <i>Precambrian Research</i> , 2013, 224, 110-128.	1.2	48
1631	Back-arc and post-collisional volcanism in the Palaeoproterozoic Granites-Tanami Orogen, Australia. <i>Precambrian Research</i> , 2013, 224, 570-587.	1.2	17
1632	Chapter 9 Eruptive history and magmatic evolution of the island of Salina (central Aeolian) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 662 Td	0.9	26
1633	Petrogenesis of trachyte and rhyolite magmas on Ponza Island (Italy) and its relationship to the Campanian magmatism. <i>Journal of Volcanology and Geothermal Research</i> , 2013, 267, 15-29.	0.8	16
1634	Geochemical and isotopic (Nd <sup>ε</sup> –Sr <sup>ε</sup> –Hf <sup>ε</sup> –Pb) evidence for a lithospheric mantle source in the formation of the alkaline Monteregian Province (Quebec). <i>Canadian Journal of Earth Sciences</i> , 2013, 50, 650-666.	0.6	18
1635	Crystallization of oxidized, moderately hydrous arc basalt at mid- to lower-crustal pressures: implications for andesite genesis. <i>Contributions To Mineralogy and Petrology</i> , 2013, 166, 861-886.	1.2	182
1636	Chapter 8 Volcanism, magmatism, volcano-tectonics and sea-level fluctuations in the geological history of Filicudi (western Aeolian archipelago). <i>Geological Society Memoir</i> , 2013, 37, 113-153.	0.9	26
1637	A laboratory model for melting erosion of a magma chamber roof and the generation of a rhythmic layering. <i>Journal of Geophysical Research: Solid Earth</i> , 2013, 118, 4101-4116.	1.4	7
1638	Geochemistry and geochronology of the Jim Sage volcanic suite, southern Idaho: Implications for Snake River Plain magmatism and its role in the history of Basin and Range extension. , 2013, 9, 1681-1703.		13
1639	Smaller, better, more: Five decades of advances in geochemistry. , 2013, , .		5
1640	A Detailed Geochemical Study of a Shallow Arc-related Laccolith; the Torres del Paine Mafic Complex (Patagonia). <i>Journal of Petrology</i> , 2013, 54, 273-303.	1.1	24
1641	Crustal Differentiation Processes at Krakatau Volcano, Indonesia. <i>Journal of Petrology</i> , 2013, 54, 149-182.	1.1	33
1642	Isotope geochemistry (O, H and Sr) of Late Cretaceous volcanic rocks, HaÅeg Basin, South Carpathians, Romania. <i>Geological Society Special Publication</i> , 2013, 382, 203-211.	0.8	2
1643	Incoming Magma Composition and Style of Recharge below the Pyroxenite Marker, Eastern Bushveld Complex, South Africa. <i>Journal of Petrology</i> , 2013, 54, 1585-1605.	1.1	43
1644	Use of trace element abundances in augite and hornblende to determine the size, connectivity, timing, and evolution of magma batches in a tilted batholith. , 2013, 9, 1747-1765.		24
1645	Heterogeneous Zircon Cargo in Voluminous Late Paleozoic Rhyolites: Hf, O Isotope and Zr/Hf Records of Plutonic to Volcanic Magma Evolution. <i>Journal of Petrology</i> , 2013, 54, 1483-1501.	1.1	25
1646	Hercynian plutonic rocks of Voras Mountain, Macedonia, Northern Greece: their structure, petrogenesis, and tectonic significance. <i>International Geology Review</i> , 2013, 55, 994-1016.	1.1	5
1648	First 15 probability-based multidimensional tectonic discrimination diagrams for intermediate magmas and their robustness against postemplacement compositional changes and petrogenetic processes. <i>Turkish Journal of Earth Sciences</i> , 2013, 22, 931-995.	0.4	48

#	ARTICLE	IF	CITATIONS
1649	The origin of eucrites, diogenites, and olivine diogenites: Magma ocean crystallization and shallow magma chamber processes on Vesta. <i>Meteoritics and Planetary Science</i> , 2013, 48, 2333-2349.	0.7	121
1650	Digestion Fractional Crystallization (DFC): an Important Process in the Genesis of Kimberlites. Evidence from Olivine in the Majuagaa Kimberlite, Southern West Greenland. <i>Journal of Petrology</i> , 2013, 54, 1399-1425.	1.1	86
1651	Crustal reworking in the North China Craton at ~2.5 Ga: evidence from zircon U–Pb age, Hf isotope and whole rock geochemistry of the felsic volcano-sedimentary rocks from the western Shandong Province. <i>Geological Journal</i> , 2013, 48, 406-428.	0.6	37
1652	On the Time Scales of Magma Genesis, Melt Evolution, Crystal Growth Rates and Magma Degassing in the Erebus Volcano Magmatic System Using the 238U, 235U and 232Th Decay Series. <i>Journal of Petrology</i> , 2013, 54, 235-271.	1.1	39
1653	Oxygen isotopes in the Azores islands: Crustal assimilation recorded in olivine. <i>Geology</i> , 2013, 41, 491-494.	2.0	53
1654	Sediment-enriched adakitic magmas from the Daisen volcanic field, Southwest Japan. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 3009-3031.	1.0	19
1655	Petrogenesis of Italian Alkaline Lavas Deduced from Pb-Sr-Nd Isotope Relationships. <i>Geophysical Monograph Series</i> , 0, , 253-267.	0.1	36
1656	Isotopic Studies of Processes in Mafic Magma Chambers: III. the Muskox Intrusion, Northwest Territories, Canada. <i>Geophysical Monograph Series</i> , 0, , 277-292.	0.1	2
1657	Igneous Processes. , 2013, , .		0
1658	Mafic and ultramafic rocks in parts of the Bhavani complex, Tamil Nadu, Southern India: Geochemistry constraints. <i>Journal of Geology and Mining Research</i> , 2014, 6, 18-27.	0.2	6
1659	Qu mica mineral do vulcano-plutonismo paleoproterozoico da regi o de S o Flix do Xingu (PA), Craton Amaz nico. <i>Geologia USP - Serie Cientifica</i> , 2014, 13, 97-116.	0.1	7
1660	El volcanismo jur sico superior de la Formaci n Ro Damas-Tordillo (33-35,5 S): antecedentes su sobre petrog nesis, cronolog a, proveniencia e implicancias tect nicas.. <i>Andean Geology</i> , 2014, 41, .	0.2	2
1661	Foreland Magmatism during the Arabia-Eurasia Collision: Pliocene-Quaternary Activity of the Karacada Volcanic Complex, SW Turkey. <i>Journal of Petrology</i> , 2014, 55, 1753-1777.	1.1	25
1662	Ar-Ar dating and Sr-Nd-Pb isotopic character of Paleogene basalts from the Xialiaohe Depression, northern Bohai Bay Basin: implications for transformation of the subcontinental lithospheric mantle under the eastern North China Craton. <i>Canadian Journal of Earth Sciences</i> , 2014, 51, 166-179.	0.6	4
1663	Deciphering petrogenic processes using Pb isotope ratios from time-series samples at Bezymianny and Klyuchevskoy volcanoes, Central Kamchatka Depression. <i>Contributions To Mineralogy and Petrology</i> , 2014, 168, 1.	1.2	19
1664	Petrology and Sr-Nd Isotopic Disequilibrium of the Xiaohaizi Intrusion, NW China: Genesis of Layered Intrusions in the Tarim Large Igneous Province. <i>Journal of Petrology</i> , 2014, 55, 2567-2598.	1.1	32
1665	Geochemistry of Porphyry Deposits. , 2014, , 357-381.		80
1666	Petrogenesis of Mount Rainier andesite: Magma flux and geologic controls on the contrasting differentiation styles at stratovolcanoes of the southern Washington Cascades. <i>Bulletin of the Geological Society of America</i> , 2014, 126, 122-144.	1.6	51

#	ARTICLE	IF	CITATIONS
1667	The geochemical and Sr <sup>87</sup> /Nd isotopic characteristics of Eocene to Miocene NW Anatolian granitoids: Implications for magma evolution in a post-collisional setting. <i>Journal of Asian Earth Sciences</i> , 2014, 93, 275-287.	1.0	9
1668	Gamma-ray Spectrometry in Geothermal Exploration: State of the Art Techniques. <i>Energies</i> , 2014, 7, 4757-4780.	1.6	36
1669	Pulsatile ocular blood flow changes after panretinal photocoagulation treatment in patients with proliferative diabetic retinopathy. <i>Turkish Journal of Medical Sciences</i> , 2014, 44, 524-529.	0.4	10
1670	Petrogenesis and geochronology of a post-orogenic calc-alkaline magmatic association: the Å½ulovÅ½ Pluton, Bohemian Massif. <i>Journal of Geosciences (Czech Republic)</i> , 2014, , 415-440.	0.3	40
1671	Geochemistry and petrogenesis of arc-related to intraplate mafic magmatism from the Malayer-Boroujerd plutonic complex, northern Sanandaj-Sirjan magmatic zone, Iran. <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , 2014, 274, 81-120.	0.2	11
1672	Petrogenesis of the late Cretaceous K-rich volcanic rocks from the Central Pontide orogenic belt, North Turkey. <i>Island Arc</i> , 2014, 23, 102-124.	0.5	12
1673	Assessment of relative Ti, Ta, and Nb (TITAN) enrichments in ocean island basalts. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 4424-4444.	1.0	15
1674	The role of external fluid in the Shanggusi dynamic granitic magma system, East Qinling, China: Quantitative integration of textural and chemical data. <i>Lithos</i> , 2014, 208-209, 339-360.	0.6	8
1675	One View of the Geochemistry of Subduction-Related Magmatic Arcs, with an Emphasis on Primitive Andesite and Lower Crust. , 2014, , 749-806.		136
1676	Growth and Differentiation of the Continental Crust from Isotope Studies of Accessory Minerals. , 2014, , 379-421.		18
1677	Continental Basaltic Rocks. , 2014, , 75-110.		40
1678	Age and origin of Miocene gabbroid intrusions in the northern part of the Lesser Caucasus. <i>Petrology</i> , 2014, 22, 521-535.	0.2	5
1679	Identifying the crystal graveyards remaining after large silicic eruptions. <i>Earth and Planetary Science Letters</i> , 2014, 403, 299-306.	1.8	157
1680	Sr, Nd, Pb and Os Isotope Systematics of CAMP Tholeiites from Eastern North America (ENA): Evidence of a Subduction-enriched Mantle Source. <i>Journal of Petrology</i> , 2014, 55, 133-180.	1.1	69
1681	Geology, geochemistry and emplacement conditions of the Vega intrusive complex: an example of large-scale crustal anatexis in north-central Norway. <i>Geological Society Special Publication</i> , 2014, 390, 603-631.	0.8	5
1682	Geochronology, geochemistry and Nd, Sr and Pb isotopes of syn-orogenic granodiorites and granites (Damara orogen, Namibia) – Arc-related plutonism or melting of mafic crustal sources?. <i>Lithos</i> , 2014, 200-201, 386-401.	0.6	22
1683	Pyroxene megacrysts in Proterozoic anorthosites: Implications for tectonic setting, magma source and magmatic processes at the Moho. <i>Earth and Planetary Science Letters</i> , 2014, 389, 74-85.	1.8	64
1684	Controls on Sr isotopic evolution in lacustrine systems: Eocene green river formation, Wyoming. <i>Chemical Geology</i> , 2014, 380, 172-189.	1.4	44

#	ARTICLE	IF	CITATIONS
1685	Internal architecture and Fe-Ti-V oxide ore genesis in a Variscan synorogenic layered mafic intrusion, the Beja Layered Gabbroic Sequence (Portugal). <i>Lithos</i> , 2014, 190-191, 111-136.	0.6	10
1686	Late Triassic tholeiitic magmatism in Western Sicily: A possible extension of the Central Atlantic Magmatic Province (CAMP) in the Central Mediterranean area?. <i>Lithos</i> , 2014, 188, 60-71.	0.6	27
1687	Hafnium isotope evidence for slab melt contributions in the Central Mexican Volcanic Belt and implications for slab melting in hot and cold slab arcs. <i>Chemical Geology</i> , 2014, 377, 45-55.	1.4	38
1688	Geochemistry and geochronology of mafic rocks from the Vespors suite in the Juruena arc, Roosevelt-Juruena terrain, Brazil: Implications for Proterozoic crustal growth and geodynamic setting of the SW Amazonian craton. <i>Journal of South American Earth Sciences</i> , 2014, 53, 20-49.	0.6	25
1689	Implications for Rodinia reconstructions for the initiation of Neoproterozoic subduction at ~860Ma on the western margin of the Yangtze Block: Evidence from the Guandaoshan Pluton. <i>Lithos</i> , 2014, 196-197, 67-82.	0.6	75
1690	Hafnium-neodymium isotope systematics of the 2.7Ga Gadwal greenstone terrane, Eastern Dharwar craton, India: Implications for the evolution of the Archean depleted mantle. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 127, 10-24.	1.6	53
1691	Alkali feldspar syenites with shoshonitic affinities from Chhotaudepur area: Implication for mantle metasomatism in the Deccan large igneous province. <i>Geoscience Frontiers</i> , 2014, 5, 261-276.	4.3	21
1692	K-Ar dating, whole-rock and Sr-Nd isotope geochemistry of calc-alkaline volcanic rocks around the G1/4m1/4Yhane area: implications for post-collisional volcanism in the Eastern Pontides, Northeast Turkey. <i>Mineralogy and Petrology</i> , 2014, 108, 245-267.	0.4	51
1693	Petrogenetic evolution of basaltic lavas from Balhaf-Bir Ali Plio-Quaternary volcanic field, Arabian Sea, Republic of Yemen. <i>Arabian Journal of Geosciences</i> , 2014, 7, 69-86.	0.6	5
1694	The Early Permian Tarim Large Igneous Province: Main characteristics and a plume incubation model. <i>Lithos</i> , 2014, 204, 20-35.	0.6	216
1695	Origin and age of ultramafic rocks and gabbros in the southern Puna of Argentina: an alleged Ordovician suture revisited. <i>International Journal of Earth Sciences</i> , 2014, 103, 1023-1036.	0.9	24
1696	Late Miocene K-rich volcanism in the Eslamieh Peninsula (Saray), NW Iran: Implications for geodynamic evolution of the Turkish-Iranian High Plateau. <i>Gondwana Research</i> , 2014, 26, 1028-1050.	3.0	45
1697	Enriched mantle source for the Central Atlantic magmatic province: New supporting evidence from southwestern Europe. <i>Lithos</i> , 2014, 188, 15-32.	0.6	61
1698	Lithium and boron isotope systematics in lavas from the Azores islands reveal crustal assimilation. <i>Chemical Geology</i> , 2014, 373, 27-36.	1.4	52
1699	Intermittent mixing processes occurring before Plinian eruptions of Popocatepetl volcano, Mexico: insights from textural-compositional variations in plagioclase and Sr-Nd-Pb isotopes. <i>Contributions To Mineralogy and Petrology</i> , 2014, 167, 1.	1.2	29
1700	Chronology and petrogenesis of the Hejiazhuang granitoid pluton and its constraints on the Early Triassic tectonic evolution of the South Qinling Belt. <i>Science China Earth Sciences</i> , 2014, 57, 232-246.	2.3	27
1701	Low-pressure evolution of arc magmas in thickened crust: The San Pedro-Linzor volcanic chain, Central Andes, Northern Chile. <i>Journal of South American Earth Sciences</i> , 2014, 52, 24-42.	0.6	38
1702	LA-ICP MS zircon dating, whole-rock and Sr-Nd-Pb-O isotope geochemistry of the Camibo-Yaz± pluton, Eastern Pontides, NE Turkey: Implications for lithospheric mantle and lower crustal sources in arc-related I-type magmatism. <i>Lithos</i> , 2014, 192-195, 271-290.	0.6	74

#	ARTICLE	IF	CITATIONS
1703	Zircon U-Pb geochronology and Hf isotopic composition of granitoids in Russian Altai Mountain, Central Asian Orogenic Belt. <i>Numerische Mathematik</i> , 2014, 314, 580-612.	0.7	34
1704	Geochemistry and petrogenesis of the Cretaceous A-type granites in the Liaoashan granitic complex, eastern China. <i>Island Arc</i> , 2014, 23, 221-235.	0.5	14
1705	Recycled oceanic crust in the source of 90–40Ma basalts in North and Northeast China: Evidence, provenance and significance. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 143, 49-67.	1.6	114
1706	Mineralogy, geochemistry and petrogenesis of the Khopoli mafic intrusion, Deccan Traps, India. <i>Mineralogy and Petrology</i> , 2014, 108, 333-351.	0.4	16
1707	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.	1.1	26
1708	Petrology and geochemistry of the ultramafic-mafic Mawpyut complex, Meghalaya: a Sylhet trap differentiation centre in northeastern India. <i>Geological Journal</i> , 2014, 49, 111-128.	0.6	6
1709	Geochronology and geochemistry of Early Mesoproterozoic meta-diorite sills from Quruqtagh in the northeastern Tarim Craton: Implications for breakup of the Columbia supercontinent. <i>Precambrian Research</i> , 2014, 241, 29-43.	1.2	65
1710	Andesite petrogenesis by slab-derived plume pollution of a continental rift. <i>Geological Society Special Publication</i> , 2014, 385, 65-101.	0.8	9
1711	Using Zircon Isotope Compositions to Constrain Crustal Structure and Pluton Evolution: the Iapetus Suture Zone Granites in Northern Britain. <i>Journal of Petrology</i> , 2014, 55, 181-207.	1.1	18
1712	<i>Petrology</i> , 2014, , .		11
1713	Reappraisal of uranium-series isotope data in Kamchatka lavas: implications for continental arc magma genesis. <i>Geological Society Special Publication</i> , 2014, 385, 103-116.	0.8	6
1714	Combined thermodynamic–geochemical modeling in metamorphic geology: Boron as tracer of fluid–rock interaction. <i>Lithos</i> , 2014, 208-209, 393-414.	0.6	70
1715	ANATEXIS OF JUVENILE MAFIC TO INTERMEDIATE CRUST -CONSTRAINTS FROM MAJOR AND TRACE ELEMENT AND SR, ND, PB ISOTOPES OF DIORITES TO GRANITES (DAMARA OROGEN, NAMIBIA). <i>South African Journal of Geology</i> , 2014, 117, 149-171.	0.6	8
1716	<sup>40</sup> Ar– <sup>39</sup> Ar age and geochemistry of subduction-related mafic dikes in northern Tibet, China: petrogenesis and tectonic implications. <i>International Geology Review</i> , 2014, 56, 57-73.	1.1	55
1717	Petrogenesis of Triassic granites from the Nanling Range in South China: Implications for geochemical diversity in granites. <i>Lithos</i> , 2014, 210-211, 40-56.	0.6	68
1718	Thermodynamic Model for Energy-Constrained Open-System Evolution of Crustal Magma Bodies Undergoing Simultaneous Recharge, Assimilation and Crystallization: the Magma Chamber Simulator. <i>Journal of Petrology</i> , 2014, 55, 1685-1717.	1.1	103
1719	Petrogenesis of late Paleozoic tholeiitic, Nb-enriched, calc-alkaline and adakitic rocks in southwestern Mongolia: Implications for intra-oceanic arc evolution. <i>Lithos</i> , 2014, 202-203, 413-428.	0.6	23
1720	Age and composition of Cu–Au related rocks from the lower Yangtze River belt: Constraints on paleo-Pacific slab roll-back beneath eastern China. <i>Lithos</i> , 2014, 202-203, 331-346.	0.6	51



#	ARTICLE	IF	CITATIONS
1721	Pink Moon: The petrogenesis of pink spinel anorthosites and implications concerning Mg-suite magmatism. <i>Earth and Planetary Science Letters</i> , 2014, 403, 144-156.	1.8	57
1722	The Cosmos greenstone succession, Agnew-Wiluna greenstone belt, Yilgarn Craton, Western Australia: Geochemistry of an enriched Neoproterozoic volcanic arc succession. <i>Lithos</i> , 2014, 205, 148-167.	0.6	22
1723	Increased Magmatic Water Content--The Key to Oligo-Miocene Porphyry Cu-Mo Au Formation in the Eastern Gangdese Belt, Tibet. <i>Economic Geology</i> , 2014, 109, 1315-1339.	1.8	179
1724	<sup>10</sup> Be, <sup>18</sup> O and radiogenic isotopic constraints on the origin of adakitic signatures: a case study from Solander and Little Solander Islands, New Zealand. <i>Contributions To Mineralogy and Petrology</i> , 2014, 168, 1.	1.2	4
1725	Unusual evolution of silica-under- and -oversaturated alkaline rocks in the Cenozoic Ambohimirahavy Complex (Madagascar): Mineralogical and geochemical evidence. <i>Lithos</i> , 2014, 206-207, 361-383.	0.6	37
1726	Constraints on the Origin and Evolution of Magmas in the Payán Matrón Volcanic Field, Quaternary Andean Back-arc of Western Argentina. <i>Journal of Petrology</i> , 2014, 55, 209-239.	1.1	22
1727	Geochemical and Sr-Nd isotopic constraints on the petrogenesis and geodynamic significance of the Jebilet magmatism (Variscan Belt, Morocco). <i>Geological Magazine</i> , 2014, 151, 666-691.	0.9	25
1728	Petrogenesis of fractionated basaltic lava flows of Poladpur-Mahabaleshwar formation around Mahabaleshwar, Western Ghats, India. <i>Journal of the Geological Society of India</i> , 2014, 84, 197-208.	0.5	4
1729	Bimodal magmatism produced by progressively inhibited crustal assimilation. <i>Nature Communications</i> , 2014, 5, 4199.	5.8	37
1730	Anatomy of the Cretaceous Hobenzan pluton, SW Japan: Internal structure of a small zoned pluton, and its genesis. <i>Lithos</i> , 2014, 208-209, 81-103.	0.6	13
1731	Lithospheric influences on magma compositions of late Mesozoic and Cenozoic intraplate basalts (the Tj ETQq0 0 0 rgBT /Overlock 10	0.6	26
1732	Geochemical and Sr-Nd isotopic evidence for origin and evolution of the Miocene Pangeon granitoids, Southern Rhodope, Greece. <i>International Geology Review</i> , 2014, 56, 622-652.	1.1	2
1733	Tertiary alkaline Roztoky Intrusive Complex, Česká státní hora Mts., Czech Republic: petrogenetic characteristics. <i>International Journal of Earth Sciences</i> , 2014, 103, 1233-1262.	0.9	10
1734	Genesis of Permian granites along the Kangguer Shear Zone, Jueluotage area, Northwest China: Geological and geochemical evidence. <i>Lithos</i> , 2014, 198-199, 141-152.	0.6	32
1735	Evolution of major and trace element composition during melt migration through crystalline mush: Implications for chemical differentiation in the crust. <i>Numerische Mathematik</i> , 2014, 314, 895-939.	0.7	57
1736	Origin of Permian basalts and clastic rocks in Napo, Southwest China: Implications for the erosion and eruption of the Emeishan large igneous province. <i>Lithos</i> , 2014, 208-209, 324-338.	0.6	41
1737	Petrogenesis of Gunbarrel magmatic rocks: Homogeneous continental tholeiites associated with extension and rifting of Neoproterozoic Laurentia. <i>Precambrian Research</i> , 2014, 252, 166-179.	1.2	23
1738	Genesis and evolution of mafic and felsic magmas at Quaternary volcanoes within the Main Ethiopian Rift: Insights from Gedemsa and Fanta 'Ale complexes. <i>Lithos</i> , 2014, 188, 130-144.	0.6	39

#	ARTICLE	IF	CITATIONS
1739	Edicaran post-collisional volcanism in the Arabian-Nubian Shield: The high-K calc-alkaline Dokhan Volcanics of Gabal Samr El-Qaa (592±5Ma), North Eastern Desert, Egypt. <i>Precambrian Research</i> , 2014, 246, 180-207.	1.2	41
1740	AFC3D: A 3D graphical tool to model assimilation and fractional crystallization with and without recharge in the R environment. <i>Lithos</i> , 2014, 190-191, 264-278.	0.6	5
1741	Insights from Pb and O isotopes into along-arc variations in subduction inputs and crustal assimilation for volcanic rocks in Java, Sunda arc, Indonesia. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 139, 205-226.	1.6	29
1742	Geochronological and geochemical constraints on genesis of the adakitic rocks in Outang, South Tanâ€Lu Fault Belt (Northeastern Yangtze Block). <i>Tectonophysics</i> , 2014, 626, 86-104.	0.9	31
1743	Geochemistry of Late Permian picritic porphyries and associated Pingchuan iron ores, Emeishan Large Igneous Province, Southwest China: Constraints on petrogenesis and iron sources. <i>Ore Geology Reviews</i> , 2014, 57, 602-617.	1.1	9
1744	Juvenile vs. recycled crust in NE China: Zircon Uâ€Pb geochronology, Hf isotope and an integrated model for Mesozoic gold mineralization in the Jiaodong Peninsula. <i>Gondwana Research</i> , 2014, 25, 1445-1468.	3.0	147
1745	Influence of source materials and fractionating assemblage on magmatism along the Aegean Arc, and implications for crustal growth. <i>Geological Society Special Publication</i> , 2014, 385, 137-160.	0.8	17
1746	Geological and Geochemical Evolution of the Quaternary SÃ¼phan Stratovolcano, Eastern Anatolia, Turkey: Evidence for the Lithosphereâ€Asthenosphere Interaction in Post-Collisional Volcanism. <i>Journal of Petrology</i> , 2014, 55, 37-62.	1.1	75
1747	Modelling of Magmatic and Allied Processes. <i>Society of Earth Scientists Series</i> , 2014, , .	0.2	5
1748	Enrichments of the mantle sources beneath the Southern Volcanic Zone (Andes) by fluids and melts derived from abraded upper continental crust. <i>Contributions To Mineralogy and Petrology</i> , 2014, 167, 1.	1.2	32
1749	Melting versus contamination effects on <sup>238</sup> Uâ€ <sup>230</sup> Thâ€ <sup>226</sup> Ra and <sup>235</sup> Uâ€ <sup>231</sup> Pa disequilibria in lavas from SÃ£o Miguel, Azores. <i>Chemical Geology</i> , 2014, 381, 94-109.	1.4	20
1750	The Neoarchean StorÃ¼ Supracrustal Belt, Nuuk region, southern West Greenland: An arc-related basin with continent-derived sedimentation. <i>Precambrian Research</i> , 2014, 247, 208-222.	1.2	16
1751	Modeling the compositional evolution of recharging, evacuating, and fractionating (REFC) magma chambers: Implications for differentiation of arc magmas. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 143, 8-22.	1.6	115
1752	Geochemistry of Neogene quartz andesites from the OaÃŸ and GutÃ©ci Mountains, Eastern Carpathians (Romania): a complex magma genesis. <i>Mineralogy and Petrology</i> , 2014, 108, 13-32.	0.4	8
1753	Precambrian Crustal Evolution in the Great Falls Tectonic Zone: Insights from Xenoliths from the Montana Alkali Province. <i>Journal of Geology</i> , 2014, 122, 531-548.	0.7	20
1754	Origin of the I- and S-type tonalite magma in the Satsunai-gawa Shichino-sawa river region of the Hidaka metamorphic belt, Hokkaido, northern Japan: Inferences from Sr and Nd isotopic compositions. <i>Journal of the Geological Society of Japan</i> , 2014, 120, 393-412.	0.2	9
1755	Formation of andesite melts and Caâ€rich plagioclase in the submarine Monowai volcanic system, Kermadec arc. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 4130-4152.	1.0	14
1756	Tectonic, magmatic, and metallogenic evolution of the Late Cretaceous arc in the Carpathianâ€Balkan orogen. <i>Tectonics</i> , 2015, 34, 1813-1836.	1.3	83

#	ARTICLE	IF	CITATIONS
1757	Geochemistry and Sr, Nd isotopic composition of the Hronic Upper Paleozoic basic rocks (Western) Tj ETQq0 0 0 rgBT /Overlgck 10 Tf 5	0.2	10
1758	Plumeâ€cratonic lithosphere interaction recorded by water and other trace elements in peridotite xenoliths from the <scp>L</scp>abait volcano, <scp>T</scp>anzania. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 1687-1710.	1.0	34
1759	El Ventorrillo, a paleostructure of PopocatÃ©petl volcano: insights from geochronology and geochemistry. <i>Bulletin of Volcanology</i> , 2015, 77, 1.	1.1	25
1760	What processes control the chemical compositions of arc front stratovolcanoes?. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 1865-1893.	1.0	98
1761	Water in <scp>H</scp>awaiian peridotite minerals: A case for a dry metasomatized oceanic mantle lithosphere. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 1211-1232.	1.0	51
1762	The distributions of two mantle sources based on the Sr-Nd isotopic compositions of late Cenozoic volcanic rocks from the northern Fossa Magna, central Japan. <i>Ganseki Kobutsu Kagaku</i> , 2015, 44, 301-322.	0.1	1
1763	Petrogenesis and U-Pb and Sm-Nd geochronology of the Taquaral granite: record of an orosirian continental magmatic arc in the region of Corumba - MS. <i>Brazilian Journal of Geology</i> , 2015, 45, 431-451.	0.3	9
1764	Composition of the Tarim mantle plume: Constraints from clinopyroxene antecrysts in the early Permian Xiaohaizi dykes, NW China. <i>Lithos</i> , 2015, 230, 69-81.	0.6	25
1765	<sup>40</sup> Ar/ <sup>39</sup> Ar geochronology and geochemistry of the Central Saurashtra mafic dyke swarm: insights into magmatic evolution, magma transport, and dyke-flow relationships in the northwestern Deccan Traps. <i>Bulletin of Volcanology</i> , 2015, 77, 1.	1.1	23
1766	Depleted Mantle-sourced CFB Magmatism in the Jurassic Africaâ€Antarctica Rift: Petrology and <sup>40</sup> Ar/ <sup>39</sup> Ar and U/Pb Chronology of the Vestfjella Dyke Swarm, Dronning Maud Land, Antarctica. <i>Journal of Petrology</i> , 2015, 56, 919-952.	1.1	37
1767	Melt evolution and residence in extending crust: Thermal modeling of the crust and crustal magmas. <i>Earth and Planetary Science Letters</i> , 2015, 425, 131-144.	1.8	59
1768	Paleozoic evolution of western Marie Byrd Land, Antarctica. <i>Bulletin of the Geological Society of America</i> , 2015, 127, 1464-1484.	1.6	47
1769	Paleoproterozoic accretionary and collisional processes and the build-up of the Borborema Province (NE Brazil): Geochronological and geochemical evidence from the Central Domain. <i>Journal of South American Earth Sciences</i> , 2015, 58, 165-187.	0.6	49
1770	Petrogenesis and metallogenesis of the Xinjie layered maficâ€ultramafic intrusion, China: Modeling of recharge, assimilation and fractional crystallization. <i>Journal of Asian Earth Sciences</i> , 2015, 113, 1056-1067.	1.0	2
1771	Olivine from the Pionerskaya and V. Grib kimberlite pipes, Arkhangelsk diamond province, Russia: Types, composition, and origin. <i>Petrology</i> , 2015, 23, 227-258.	0.2	31
1772	Crustal differentiation due to partial melting of granitic rocks in an active continental margin, the Ryoke Belt, Southwest Japan. <i>Lithos</i> , 2015, 230, 82-91.	0.6	9
1773	Pliocene granodioritic knoll with continental crust affinities discovered in the intra-oceanic Izuâ€Boninâ€Mariana Arc: Syntectonic granitic crust formation during back-arc rifting. <i>Earth and Planetary Science Letters</i> , 2015, 424, 84-94.	1.8	21
1774	Petrological and geochemical evolution of the Tolbachik volcanic massif, Kamchatka, Russia. <i>Journal of Volcanology and Geothermal Research</i> , 2015, 307, 156-181.	0.8	32

#	ARTICLE	IF	CITATIONS
1775	Kikiktat volcanics of Arctic Alaska—Melting of harzburgitic mantle associated with the Franklin large igneous province. <i>Lithosphere</i> , 2015, 7, 275-295.	0.6	50
1776	Eruption of Shallow Crystal Cumulates during Explosive Phonolitic Eruptions on Tenerife, Canary Islands. <i>Journal of Petrology</i> , 2015, 56, 2173-2194.	1.1	47
1777	Origin of Early Paleozoic garnet peridotite and associated garnet pyroxenite in the south Altyn Tagh, NW China: Constraints from geochemistry, SHRIMP U—Pb zircon dating and Hf isotopes. <i>Journal of Asian Earth Sciences</i> , 2015, 100, 60-77.	1.0	16
1778	Origin of Silicic Magmas at Spreading Centres—an Example from the South East Rift, Manus Basin. <i>Journal of Petrology</i> , 2015, 56, 255-272.	1.1	29
1779	Chronology, petrogenesis and heat sources for successive Carboniferous magmatic events in the Southern—Central Variscan Vosges Mts (NE France). <i>Journal of the Geological Society</i> , 2015, 172, 87-102.	0.9	35
1780	Geochemistry, Sr—Nd—Pb isotopes and geochronology of amphibole- and mica-bearing lamprophyres in northwestern Iran: Implications for mantle wedge heterogeneity in a palaeo-subduction zone. <i>Lithos</i> , 2015, 216-217, 352-369.	0.6	38
1781	The Yanaurcu volcano (Western Cordillera, Ecuador): A field, petrographic, geochemical, isotopic and geochronological study. <i>Lithos</i> , 2015, 218-219, 37-53.	0.6	28
1782	Lower crustal assimilation in oceanic arcs: Insights from an osmium isotopic study of the Lesser Antilles. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 150, 330-344.	1.6	21
1783	Zircon U—Pb, O, and Hf isotopic constraints on Mesozoic magmatism in the Cyclades, Aegean Sea, Greece. <i>International Journal of Earth Sciences</i> , 2015, 104, 75-87.	0.9	44
1784	Origin of Late Mesozoic granitoids in the newly discovered Zha-Shan porphyry Cu district, South Qinling, central China, and implications for regional metallogeny. <i>Journal of Asian Earth Sciences</i> , 2015, 103, 184-197.	1.0	26
1785	Eocene Kashmar granitoids (NE Iran): Petrogenetic constraints from U—Pb zircon geochronology and isotope geochemistry. <i>Lithos</i> , 2015, 216-217, 118-135.	0.6	46
1786	Trace Element Variations in Olivine from the Eastern Deeps Intrusion at Voisey's Bay, Labrador, as a Monitor of Assimilation and Sulfide Saturation Processes. <i>Economic Geology</i> , 2015, 110, 713-731.	1.8	6
1787	Geochemical constraints on magmatic and metallogenic processes: Iskut River Formation, volcanogenic massive sulfide-hosting basalts, NW British Columbia, Canada. <i>Canadian Journal of Earth Sciences</i> , 2015, 52, 1-20.	0.6	15
1788	Boninitic geochemical characteristics of high-Mg mafic dykes from the Singhbhum Granitoid Complex, Eastern India. <i>Diqui Huaxue</i> , 2015, 34, 241-251.	0.5	6
1789	Petrogenesis and geodynamic implications of the Mid-Triassic lavas from East Kunlun, northern Tibetan Plateau. <i>Journal of Asian Earth Sciences</i> , 2015, 105, 32-47.	1.0	56
1790	Geochronology and geochemistry of Cryogenian gabbros from the Ambatondrazaka area, east-central Madagascar: Implications for Madagascar-India correlation and Rodinia paleogeography. <i>Precambrian Research</i> , 2015, 256, 256-270.	1.2	25
1791	Time—space focused intrusion of genetically unrelated arc magmas in the early Paleozoic Ross—Delamerian Orogen (Morozumi Range, Antarctica). <i>Lithos</i> , 2015, 232, 84-99.	0.6	16
1792	Understanding Re—Os systematics and model ages in metamorphosed Archean ultramafic rocks: A single mineral to whole-rock investigation. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 167, 205-240.	1.6	14

#	ARTICLE	IF	CITATIONS
1793	The Middle Triassic Meiwu Batholith, West Qinling, Central China: Implications for the Evolution of Compositional Diversity in a Composite Batholith. <i>Journal of Petrology</i> , 2015, 56, 1139-1172.	1.1	53
1794	Neoproterozoic crustal growth of the Southern Yangtze Block: Geochemical and zircon U-Pb geochronological and Lu-Hf isotopic evidence of Neoproterozoic diorite from the Ailaoshan zone. <i>Precambrian Research</i> , 2015, 266, 137-149.	1.2	68
1795	Secondary Ion Mass Spectrometry (SIMS). <i>Encyclopedia of Earth Sciences Series</i> , 2015, , 739-740.	0.1	1
1796	Origin, evolution, and tectonic setting of the eastern part of the Mexican Volcanic Belt and comparison with the Central American Volcanic Arc from conventional multielement normalized and new multidimensional discrimination diagrams and discordancy and significance tests. <i>Turkish Journal of Earth Sciences</i> , 2015, 24, 111-164.	0.4	22
1797	The role of Indian and Tibetan lithosphere in spatial distribution of Cenozoic magmatism and porphyry Cu-Mo deposits in the Gangdese belt, southern Tibet. <i>Earth-Science Reviews</i> , 2015, 150, 68-94.	4.0	118
1798	Geochemistry, zircon U-Pb ages and Sr-Nd-Hf isotopes of an Ordovician appinitic pluton in the East Kunlun orogen: New evidence for Proto-Tethyan subduction. <i>Journal of Asian Earth Sciences</i> , 2015, 111, 681-697.	1.0	61
1799	The origin and crust/mantle mass balance of Central Andean ignimbrite magmatism constrained by oxygen and strontium isotopes and erupted volumes. <i>Contributions To Mineralogy and Petrology</i> , 2015, 169, 1.	1.2	47
1800	Pyroxenite-derived Early Cretaceous lavas in the Liaodong Peninsula: Implication for metasomatism and thinning of the lithospheric mantle beneath North China Craton. <i>Lithos</i> , 2015, 227, 77-93.	0.6	30
1801	Geochemical characteristics and petrogenesis of phonolites and trachytic rocks from the St. Edoho-Volcanic Complex, the Oh Rift, Bohemian Massif. <i>Lithos</i> , 2015, 224-225, 256-271.	0.6	31
1802	Late Triassic intrusive complex in the Jidong region, Jiamusi-Khanka Block, NE China: Geochemistry, zircon U-Pb ages, Lu-Hf isotopes, and implications for magma mingling and mixing. <i>Lithos</i> , 2015, 224-225, 143-159.	0.6	89
1803	Resolving mantle and magmatic processes in basalts from the Cameroon volcanic line using the Re-Os isotope system. <i>Lithos</i> , 2015, 224-225, 1-12.	0.6	5
1804	Absence of molybdenum isotope fractionation during magmatic differentiation at Hekla volcano, Iceland. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 162, 126-136.	1.6	85
1806	Petrology and geochemistry of the Karaj Dam basement sill: Implications for geodynamic evolution of the Alborz magmatic belt. <i>Chemie Der Erde</i> , 2015, 75, 237-260.	0.8	13
1807	Seeing through the Effects of Crustal Assimilation to Assess the Source Composition beneath the Southern Lesser Antilles Arc. <i>Journal of Petrology</i> , 2015, 56, 815-844.	1.1	29
1808	Petrology of ferroan alkali-calcic granites: Synorogenic high-temperature melting of undepleted felsic lower crust (Damara orogen, Namibia). <i>Lithos</i> , 2015, 224-225, 114-125.	0.6	21
1809	The Role of Subducted Basalt in the Source of Island Arc Magmas: Evidence from Seafloor Lavas of the Western Aleutians. <i>Journal of Petrology</i> , 2015, 56, 441-492.	1.1	96
1810	Mixing between enriched lithospheric mantle and crustal components in a short-lived subduction-related magma system, Dry Valleys area, Antarctica: Insights from U-Pb geochronology, Hf isotopes, and whole-rock geochemistry. <i>Lithosphere</i> , 2015, 7, 174-188.	0.6	32
1811	Magmatic evolution of the area around Wadi Kariem, Central Eastern Desert, Egypt. <i>Arabian Journal of Geosciences</i> , 2015, 8, 9221-9236.	0.6	9

#	ARTICLE	IF	CITATIONS
1812	Distinctly different parental magmas for calc-alkaline plutons and tholeiitic lavas in the central and eastern Aleutian arc. <i>Earth and Planetary Science Letters</i> , 2015, 431, 119-126.	1.8	26
1813	Can Fractional Crystallization, Mixing and Assimilation Processes be Responsible for Jamaican-type Adakites? Implications for Generating Eoarchean Continental Crust. <i>Journal of Petrology</i> , 2015, 56, 1251-1284.	1.1	39
1814	Iron deposits in relation to magmatism in China. <i>Journal of Asian Earth Sciences</i> , 2015, 113, 951-956.	1.0	12
1815	Skarn xenolith record crustal CO <sub>2</sub> liberation during Pompeii and Pollena eruptions, Vesuvius volcanic system, central Italy. <i>Chemical Geology</i> , 2015, 415, 17-36.	1.4	37
1816	A spectrum of disequilibrium melting preserved in lava-hosted, partially melted crustal xenoliths from the Wudalianchi volcanic field, NE China. <i>Chemical Geology</i> , 2015, 417, 184-199.	1.4	15
1817	Petrogenesis and tectonic implications of the iron-rich tholeiitic basalts in the Hutuo Group of the Wutai Mountains, Central Trans-North China Orogen. <i>Precambrian Research</i> , 2015, 271, 225-242.	1.2	17
1818	Metasomatism of the Lithospheric Mantle Immediately Precedes Kimberlite Eruption: New Evidence from Olivine Composition and Microstructures. <i>Journal of Petrology</i> , 2015, 56, 1775-1796.	1.1	49
1819	Petrological Evolution of the Magmatic Suite Associated with the Corocchohuayco Cu(Au-Fe) Porphyry-Skarn Deposit, Peru. <i>Journal of Petrology</i> , 2015, 56, 1829-1862.	1.1	27
1820	The Volcanic-Plutonic Connection. <i>Advances in Volcanology</i> , 2015, , 61-82.	0.7	29
1821	Magmatic recharge in continental flood basalts: Insights from the C-hifeng igneous province in Inner Mongolia. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 2082-2096.	1.0	36
1822	Are granites and granulites consanguineous?. <i>Geology</i> , 2015, 43, 991-994.	2.0	22
1823	A trachyte-syenite core within a basaltic nest: filtering of primitive injections by a multi-stage magma plumbing system (Oki-DÅzen, south-west Japan). <i>Contributions To Mineralogy and Petrology</i> , 2015, 170, 1.	1.2	19
1824	<sup>40</sup> Ar/ <sup>39</sup> Ar ages and petrogenesis of the West Iberian Margin onshore magmatism at the Jurassic-Cretaceous transition: Geodynamic implications and assessment of open-system processes involving saline materials. <i>Lithos</i> , 2015, 236-237, 156-172.	0.6	31
1825	Petrogenesis of Neoproterozoic adakitic tonalites and high-K granites in the eastern Songpan-Ganze Fold Belt and implications for the tectonic evolution of the western Yangtze Block. <i>Precambrian Research</i> , 2015, 270, 181-203.	1.2	40
1826	The Sept Iles Intrusive Suite, Quebec, Canada. <i>Springer Geology</i> , 2015, , 465-515.	0.2	8
1827	The Early Proterozoic Matachewan Large Igneous Province: Geochemistry, Petrogenesis, and Implications for Earth Evolution. <i>Journal of Petrology</i> , 2015, 56, 1459-1494.	1.1	31
1828	Erupted cumulate fragments in rhyolites from Lipari (Aeolian Islands). <i>Contributions To Mineralogy and Petrology</i> , 2015, 170, 1.	1.2	27
1829	Evolution of the Hazelton arc near Terrace, British Columbia: stratigraphic, geochronological, and geochemical constraints on a Late Triassic - Early Jurassic Au porphyry belt. <i>Canadian Journal of Earth Sciences</i> , 2015, 52, 466-494.	0.6	19

#	ARTICLE	IF	CITATIONS
1830	Geochemical and Sr <sup>87</sup> /Nd isotopic constraints on the petrogenesis of late Cenozoic basalts from the Abaga area, Inner Mongolia, eastern China. <i>Journal of Volcanology and Geothermal Research</i> , 2015, 305, 30-44.	0.8	23
1831	U <sup>235</sup> -Pb zircon geochronology, Sr <sup>87</sup> -Nd geochemistry, petrogenesis and tectonic setting of Mahoor granitoid rocks (Lut Block, Eastern Iran). <i>Journal of Asian Earth Sciences</i> , 2015, 111, 192-205.	1.0	24
1832	Evidence for crustal contamination in intra-continental OIB-like basalts from West Qinling, central China: A Re <sup>187</sup> -Os perspective. <i>Journal of Asian Earth Sciences</i> , 2015, 98, 436-445.	1.0	8
1833	Spatial association of Neoproterozoic continental arc I-type and post-collision A-type granitoids in the Arabian-Nubian Shield: The Wadi Al-Baroud Older and Younger Granites, North Eastern Desert, Egypt. <i>Journal of African Earth Sciences</i> , 2015, 103, 1-29.	0.9	52
1834	Petrogenesis and tectonic implications of Late Carboniferous A-type granites and gabbro-norites in NW Iran: Geochronological and geochemical constraints. <i>Lithos</i> , 2015, 212-215, 266-279.	0.6	53
1835	A new method of discriminating different types of post-Archean ophiolitic basalts and their tectonic significance using Th-Nb and Ce-Dy-Yb systematics. <i>Geoscience Frontiers</i> , 2015, 6, 481-501.	4.3	282
1836	A comparative review of petrogenetic processes beneath the Cameroon Volcanic Line: Geochemical constraints. <i>Geoscience Frontiers</i> , 2015, 6, 557-570.	4.3	42
1837	Continental collision, orogenesis and arc magmatism of the Miocene Maramuni arc, Papua New Guinea. <i>Gondwana Research</i> , 2015, 28, 1117-1136.	3.0	43
1838	Fe isotopes and the contrasting petrogenesis of A-, I- and S-type granite. <i>Lithos</i> , 2015, 212-215, 32-44.	0.6	107
1839	Magma mixing recorded by Sr isotopes of plagioclase from dacites of the Quaternary Tengchong volcanic field, SE Tibetan Plateau. <i>Journal of Asian Earth Sciences</i> , 2015, 98, 1-17.	1.0	31
1840	Geochemical constraints on Cu <sup>2+</sup> -Fe and Fe skarn deposits in the Edong district, Middle-Lower Yangtze River metallogenic belt, China. <i>Ore Geology Reviews</i> , 2015, 64, 425-444.	1.1	85
1841	Geochemical and isotopic constraints on the evolution of Late Paleozoic dyke swarms in West Junggar, Xinjiang, China. <i>Journal of Asian Earth Sciences</i> , 2015, 113, 126-136.	1.0	13
1842	Petrology of Myogazawa and Kazamiyamada volcanic rocks distributed in northern Utsunomiya, central Japan. <i>Ganseki Kobutsu Kagaku</i> , 2016, 45, 138-152.	0.1	1
1843	Mineralogy and Geochemistry of Titaniferous Gabbros of Ophiolitic Fanouj Zone (Sistan & Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 0.4 1	0.4	1
1844	Subduction zone mantle enrichment by fluids and Zr <sup>88</sup> -Hf-depleted crustal melts as indicated by backarc basalts of the Southern Volcanic Zone, Argentina. <i>Lithos</i> , 2016, 262, 135-152.	0.6	29
1845	Paleoproterozoic high-Mg low-Ti gabbro-granite series in eastern Sarmatia: Geochemistry and formation conditions. <i>Russian Geology and Geophysics</i> , 2016, 57, 907-932.	0.3	7
1846	Isotopes as tracers: general principles. , 0, , 127-144.		0
1847	Geochemical constraints on the origin of Late Mesozoic andesites from the Ningwu basin in the Middle-Lower Yangtze Valley, South China. <i>Lithos</i> , 2016, 254-255, 94-117.	0.6	36

#	ARTICLE	IF	CITATIONS
1848	A re-appraisal of the petrogenesis and tectonic setting of the Ordovician Fishguard Volcanic Group, SW Wales. <i>Geological Magazine</i> , 2016, 153, 410-425.	0.9	6
1849	Late Carboniferous N-MORB-type basalts in central Inner Mongolia, China: Products of hydrous melting in an intraplate setting?. <i>Lithos</i> , 2016, 261, 55-71.	0.6	26
1850	Late Pleistocene Tendirek Volcano (Eastern Anatolia, Turkey). II. Geochemistry and petrogenesis of the rocks. <i>Petrology</i> , 2016, 24, 234-270.	0.2	33
1851	Petrological, Geochemical and Sr-Nd-O Isotopic Constraints on the Origin of Garnet and Spinel Pyroxenites from the Moldanubian Zone of the Bohemian Massif. <i>Journal of Petrology</i> , 2016, 57, 897-920.	1.1	30
1852	Petrogenesis and timing of mafic magmatism, South Taimyr, Arctic Siberia: A northerly continuation of the Siberian Traps?. <i>Lithos</i> , 2016, 248-251, 382-401.	0.6	12
1853	Magmatic evolution of the Early Pliocene Etrisk stratovolcano, Eastern Anatolian Collision Zone, Turkey. <i>Lithos</i> , 2016, 256-257, 88-108.	0.6	53
1854	High-alumina basalts from the Bogda Mountains suggest an arc setting for Chinese Northern Tianshan during the Late Carboniferous. <i>Lithos</i> , 2016, 256-257, 165-181.	0.6	47
1855	Petrology and Ar/Ar chronology of Erdembaba and Kuyucak volcanics exposed along the North Anatolian Fault Zone (Eastern Pontides, NE Turkey): Implications for the late Cenozoic geodynamic evolution of Eastern Mediterranean region. <i>Journal of the Geological Society of India</i> , 2016, 87, 411-423.	0.5	8
1856	U-Pb zircon geochronology, geochemistry and tectonic implications of the early Devonian granitoids in the Liuyuan area, Beishan, NW China. <i>Geosciences Journal</i> , 2016, 20, 609-625.	0.6	12
1857	Age and nature of 560-520 Ma calc-alkaline granitoids of Biarjmand, northeast Iran: insights into Cadomian arc magmatism in northern Gondwana. <i>International Geology Review</i> , 2016, 58, 1492-1509.	1.1	54
1858	Geochronology and geochemistry of Eocene-aged volcanic rocks around the Bafra (Samsun, N Turkey) area: Constraints for the interaction of lithospheric mantle and crustal melts. <i>Lithos</i> , 2016, 258-259, 92-114.	0.6	36
1859	Petrogenesis of coeval sodic and potassic alkaline magmas at Spanish Peaks, Colorado: Magmatism related to the opening of the Rio Grande rift. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 185, 453-476.	1.6	10
1860	Trace element evidence for anatexis at oceanic magma chamber roofs and the role of partial melts for contamination of fresh MORB. <i>Lithos</i> , 2016, 260, 1-8.	0.6	18
1861	Melt extraction and enrichment processes in the New Caledonia lherzolites: Evidence from geochemical and Sr-Nd isotope data. <i>Lithos</i> , 2016, 260, 28-43.	0.6	31
1862	Petrogenesis and Geodynamic Evolution of the Paleoproterozoic (~1878 Ma) Trout Lake Volcanogenic Massive Sulfide Deposit, Flin Flon, Manitoba, Canada. <i>Economic Geology</i> , 2016, 111, 817-847.	1.8	8
1863	Petrogenesis and geodynamic evolution of the Kajan Neogene subvolcanic rocks, Nain, Central Iran. <i>Chemie Der Erde</i> , 2016, 76, 567-578.	0.8	10
1864	Complexity of In-situ zircon U-Pb-Hf isotope systematics during arc magma genesis at the roots of a Cretaceous arc, Fiordland, New Zealand. <i>Lithos</i> , 2016, 264, 296-314.	0.6	28
1865	Experimental melts from crustal rocks: A lithochemical constraint on granite petrogenesis. <i>Lithos</i> , 2016, 266-267, 133-157.	0.6	196



#	ARTICLE	IF	CITATIONS
1866	Petrogenesis of Late Jurassic granodiorites from Gutian, Fujian Province, South China: Implications for multiple magma sources and origin of porphyry Cu-Mo mineralization. <i>Lithos</i> , 2016, 264, 540-554.	0.6	31
1867	Temporal histories of Cordilleran continental arcs: Testing models for magmatic episodicity. <i>American Mineralogist</i> , 2016, 101, 2133-2154.	0.9	61
1868	Petrochronological Constraints on the Origin of the Mountain Pass Ultrapotassic and Carbonatite Intrusive Suite, California. <i>Journal of Petrology</i> , 0, , egw050.	1.1	18
1869	Early Miocene K�rka-Phrigian Caldera, western Turkey (Eski�ehir province), preliminary volcanology, age and geochemistry data. <i>Journal of Volcanology and Geothermal Research</i> , 2016, 327, 503-519.	0.8	14
1870	A westward propagating slab tear model for Late Triassic Qinling Orogenic Belt geodynamic evolution: Insights from the petrogenesis of the Caoping and Shahewan intrusions, central China. <i>Lithos</i> , 2016, 262, 486-506.	0.6	47
1871	Melt segregation and magma interactions during crustal melting: Breaking out of the matrix. <i>Earth-Science Reviews</i> , 2016, 160, 333-349.	4.0	86
1872	Slab-derived adakites and subslab asthenosphere-derived OIB-type rocks at 156 ± 2 Ma from the north of Gerze, central Tibet: Records of the Bangong�Nujiang oceanic ridge subduction during the Late Jurassic. <i>Lithos</i> , 2016, 262, 456-469.	0.6	78
1873	Lithium isotopes and light lithophile element abundances in shergottites: Evidence for both magmatic degassing and subsolidus diffusion. <i>Meteoritics and Planetary Science</i> , 2016, 51, 80-104.	0.7	7
1874	Geochemical and Sr�Nd isotopic constraints on the petrogenesis of the Goesan monzodiorite pluton in the central Okcheon belt, Korea. <i>Island Arc</i> , 2016, 25, 43-54.	0.5	7
1875	Bimodal magmatism of the Tucum�n area, Caraj�s province: U-Pb geochronology, classification and processes. <i>Journal of South American Earth Sciences</i> , 2016, 72, 95-114.	0.6	22
1876	Formation of the lunar highlands Mg-suite as told by spinel. <i>American Mineralogist</i> , 2016, 101, 1624-1635.	0.9	29
1877	186Os/188Os variations in upper mantle peridotites: Constraints on the Pt/Os ratio of primitive upper mantle, and implications for late veneer accretion and mantle mixing timescales. <i>Chemical Geology</i> , 2016, 442, 11-22.	1.4	14
1878	Petrogenesis and geodynamic implications of the Late Carboniferous felsic volcanics in the Bogda belt, Chinese Northern Tianshan. <i>Gondwana Research</i> , 2016, 39, 165-179.	3.0	24
1879	Trace element and isotopic geochemistry of Cretaceous magmatism in NE Asia: Spatial zonation, temporal evolution, and tectonic controls. <i>Lithos</i> , 2016, 264, 453-471.	0.6	18
1880	Granitoid magmas preserved as melt inclusions in high-grade metamorphic rock. <i>American Mineralogist</i> , 2016, 101, 1543-1559.	0.9	84
1881	Geochronological, geochemical and mineralogical constraints on the petrogenesis of appinites from the Laoniushan complex, eastern Qinling, central China. <i>Chemie Der Erde</i> , 2016, 76, 579-595.	0.8	11
1882	Post-collisional magmatism in the Late Miocene Rodna-B�rg�u district (East Carpathians, Romania): Geochemical constraints and petrogenetic models. <i>Lithos</i> , 2016, 266-267, 367-382.	0.6	11
1883	Silicic magma reservoirs in the Earth's crust. <i>American Mineralogist</i> , 2016, 101, 2377-2404.	0.9	292

#	ARTICLE	IF	CITATIONS
1884	Highly Siderophile Element and Os Isotope Systematics of Volcanic Rocks at Divergent and Convergent Plate Boundaries and in Intraplate Settings. , 2016, , 651-724.		0
1885	Oxygen isotopes reveal crustal contamination and a large, still partially molten magma chamber in ChaA®ne des Puys (French Massif Central). <i>Lithos</i> , 2016, 260, 328-338.	0.6	15
1886	Geochemistry and petrogenesis of the Late Mesozoicâ€“Early Cenozoic volcanic rocks of the Okhotsk and Japan marginal seas. <i>Geochemistry International</i> , 2016, 54, 509-521.	0.2	8
1887	Geochronology and petrogenesis of Triassic high-K calc-alkaline granodiorites in the East Kunlun orogen, West China: Juvenile lower crustal melting during post-collisional extension. <i>Journal of Earth Science (Wuhan, China)</i> , 2016, 27, 474-490.	1.1	47
1888	Os isotopic constraints on crustal contamination in Auckland Volcanic Field basalts, New Zealand. <i>Chemical Geology</i> , 2016, 439, 83-97.	1.4	12
1889	Ruthenium stable isotope measurements by double spike MC-ICPMS. <i>Journal of Analytical Atomic Spectrometry</i> , 2016, 31, 1515-1526.	1.6	21
1890	Temporal magma source changes at Gaua volcano, Vanuatu island arc. <i>Journal of Volcanology and Geothermal Research</i> , 2016, 322, 30-47.	0.8	16
1891	Ultrapotassic Volcanism from the Waning Stage of the Neotethyan Subduction: a Key Study from the Izmirâ€“Ankaraâ€“Erzincan Suture Belt, Central Northern Turkey. <i>Journal of Petrology</i> , 2016, 57, 561-593.	1.1	45
1892	Crustal Differentiation in a Thickened Arcâ€“Evaluating Depth Dependences. <i>Journal of Petrology</i> , 2016, 57, 595-620.	1.1	29
1893	Production of hybrid granitic magma at the advancing front of basaltic underplating: Inferences from the Sesia Magmatic System (south-western Alps, Italy). <i>Lithos</i> , 2016, 252-253, 109-122.	0.6	33
1894	The petrogenesis of the Early Permian Variscan granites of the Cornubian Batholith: Lower plate post-collisional peraluminous magmatism in the Rhenohercynian Zone of SW England. <i>Lithos</i> , 2016, 260, 76-94.	0.6	59
1895	Petrogenesis and Sr-Nd isotope data of the Chadegan metabasites, Sanandaj-Sirjan Zone, Iran. <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , 2016, 279, 311-322.	0.2	0
1896	Origin of the late Early Cretaceous granodiorite and associated dioritic dikes in the Hongqilafu pluton, northwestern Tibetan Plateau: A case for crustâ€“mantle interaction. <i>Lithos</i> , 2016, 260, 300-314.	0.6	18
1897	Abrupt transition from fractional crystallization to magma mixing at Gorely volcano (Kamchatka) after caldera collapse. <i>Bulletin of Volcanology</i> , 2016, 78, 1.	1.1	37
1898	Melt/rock reaction at oceanic peridotite/gabbro transition as revealed by trace element chemistry of olivine. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 190, 309-331.	1.6	28
1899	Magmatic Processes at Variable Magma Supply along the GalÃ¡pagos Spreading Center: Constraints from Single Eruptive Units. <i>Journal of Petrology</i> , 2016, 57, 981-1018.	1.1	5
1900	Chronology and tectonic implications of Neoproterozoic blocks in the South Qinling Orogenic Belt, Central China. <i>Gondwana Research</i> , 2016, 30, 24-47.	3.0	69
1901	Geochemistry, geochronology and Srâ€“Ndâ€“Pbâ€“Hf isotopic compositions of Middle to Late Jurassic syeniteâ€“granodioritesâ€“dacite in South China: Petrogenesis and tectonic implications. <i>Gondwana Research</i> , 2016, 35, 217-237.	3.0	31

#	ARTICLE	IF	CITATIONS
1902	Disclosing the Paleoproterozoic to Ediacaran history of the São Francisco craton basement: The Porteirinha domain (northern Araçuaia orogen, Brazil). <i>Journal of South American Earth Sciences</i> , 2016, 68, 50-67.	0.6	43
1903	Gold recycling and enrichment beneath volcanoes: A case study of Tolbachik, Kamchatka. <i>Earth and Planetary Science Letters</i> , 2016, 437, 35-46.	1.8	23
1904	Os and U-Th isotope signatures of arc magmatism near Mount Mazama, Crater Lake, Oregon. <i>Earth and Planetary Science Letters</i> , 2016, 437, 25-34.	1.8	3
1905	Petrogenesis of the Wudang mafic dikes: Implications of changing tectonic settings in South China during the Neoproterozoic. <i>Precambrian Research</i> , 2016, 272, 101-114.	1.2	39
1906	High-K andesite petrogenesis and crustal evolution: Evidence from mafic and ultramafic xenoliths, Egmont Volcano (Mt. Taranaki) and comparisons with Ruapehu Volcano, North Island, New Zealand. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 185, 328-357.	1.6	21
1907	Petrogenesis and tectonomagmatic significance of Eocene mafic intrusions from the Neotethyan suture zone in the Muslim Bagh-Khanozai region, Pakistan. <i>Journal of the Geological Society</i> , 2016, 173, 518-530.	0.9	7
1908	Geochemical characteristics of hydrous basaltic magmas due to assimilation and fractional crystallization: the Ikoma gabbroic complex, southwest Japan. <i>Mineralogy and Petrology</i> , 2016, 110, 639-662.	0.4	3
1909	Cretaceous subduction-related magmatism and associated porphyry-type Cu-Mo prospects in the Eastern Pontides, Turkey: New constraints from geochronology and geochemistry. <i>Lithos</i> , 2016, 248-251, 119-137.	0.6	46
1910	The calc-alkaline and adakitic volcanism of the Sabzevar structural zone (NE Iran): Implications for the Eocene magmatic flare-up in Central Iran. <i>Lithos</i> , 2016, 248-251, 517-535.	0.6	60
1911	A 17 Ma onset for the post-collisional K-rich calc-alkaline magmatism in the Maghrebides: Evidence from Bougaroun (northeastern Algeria) and geodynamic implications. <i>Tectonophysics</i> , 2016, 674, 114-134.	0.9	38
1912	Tectono-magmatic evolution of Late Jurassic to Early Cretaceous granitoids in the west central Lhasa subterrane, Tibet. <i>Gondwana Research</i> , 2016, 39, 386-400.	3.0	63
1913	Pervasive, tholeiitic refertilisation and heterogeneous metasomatism in Northern Victoria Land lithospheric mantle (Antarctica). <i>Lithos</i> , 2016, 248-251, 493-505.	0.6	12
1914	The role of crustal and eruptive processes versus source variations in controlling the oxidation state of iron in Central Andean magmas. <i>Earth and Planetary Science Letters</i> , 2016, 440, 92-104.	1.8	52
1915	The significance of PGE variations with Sr-Nd isotopes and lithophile elements in the Emeishan flood basalt province from SW China to northern Vietnam. <i>Lithos</i> , 2016, 248-251, 1-11.	0.6	31
1916	Source composition, fractional crystallization and magma mixing processes in the 3.48-3.43 Ga Tsawela tonalite suite (Ancient Gneiss Complex, Swaziland) - Implications for Palaeoproterozoic geodynamics. <i>Precambrian Research</i> , 2016, 276, 43-66.	1.2	58
1917	Ordovician intrusive rocks from the eastern Central Asian Orogenic Belt in Northeast China: chronology and implications for bidirectional subduction of the early Palaeozoic Palaeo-Asian Ocean. <i>International Geology Review</i> , 2016, 58, 1175-1195.	1.1	13
1918	Geochemistry of the volcanic rocks from Bioko Island (Cameroon Hot Line): Evidence for plume-lithosphere interaction. <i>Geoscience Frontiers</i> , 2016, 7, 743-757.	4.3	16
1919	Assimilation, differentiation, and thickening during formation of arc crust in space and time: The Jurassic Bonanza arc, Vancouver Island, Canada. <i>Bulletin of the Geological Society of America</i> , 2016, 128, 543-557.	1.6	10

#	ARTICLE	IF	CITATIONS
1920	Highly Siderophile Element and Os Isotope Systematics of Volcanic Rocks at Divergent and Convergent Plate Boundaries and in Intraplate Settings. <i>Reviews in Mineralogy and Geochemistry</i> , 2016, 81, 651-724.	2.2	54
1921	Uâ€“Pb zircon geochronology and geochemistry of Paleoproterozoic magmatic suite from East Sarmatian Orogen: Tectonic implications on Columbia supercontinent. <i>Precambrian Research</i> , 2016, 273, 165-184.	1.2	21
1922	Enriched continental flood basalts from depleted mantle melts: modeling the lithospheric contamination of Karoo lavas from Antarctica. <i>Contributions To Mineralogy and Petrology</i> , 2016, 171, 1.	1.2	43
1923	Recycling and transport of continental material through the mantle wedge above subduction zones: A Caribbean example. <i>Earth and Planetary Science Letters</i> , 2016, 436, 93-107.	1.8	68
1924	Paleoproterozoic crustal evolution in the East Sarmatian Orogen: Petrology, geochemistry, Srâ€“Nd isotopes and zircon Uâ€“Pb geochronology of andesites from the Voronezh massif, Western Russia. <i>Lithos</i> , 2016, 246-247, 61-80.	0.6	13
1925	Unravelling the complex interaction between mantle and crustal magmas encoded in the lavas of San Vincenzo (Tuscany, Italy). Part II: Geochemical overview and modelling. <i>Lithos</i> , 2016, 244, 233-249.	0.6	6
1926	Direct (dilute) Trace-Element Models. , 2016, , 105-124.		0
1927	Direct Models. , 2016, , 159-166.		0
1928	Root zone of a continental rift: the Neoproterozoic Kebnekaise Intrusive Complex, northern Swedish Caledonides. <i>Gff</i> , 2016, 138, 31-53.	0.4	12
1929	Common Sense in Action. , 2016, , 231-241.		0
1930	Late Triassic alkaline complex in the Sulu UHP terrane: Implications for post-collisional magmatism and subsequent fractional crystallization. <i>Gondwana Research</i> , 2016, 35, 390-410.	3.0	52
1931	The Late Cretaceous igneous rocks of Romania (Apuseni Mountains and Banat): the possible role of amphibole versus plagioclase deep fractionation in two different crustal terranes. <i>International Journal of Earth Sciences</i> , 2016, 105, 819-847.	0.9	3
1932	Post-collisional potassic magmatism in the eastern Lhasa terrane, South Tibet: Products of partial melting of mĂ©langes in a continental subduction channel. <i>Gondwana Research</i> , 2017, 41, 9-28.	3.0	25
1933	Age and petrogenesis of late Paleozoic granites from the northernmost Alxa region, northwest China, and implications for the tectonic evolution of the region. <i>International Journal of Earth Sciences</i> , 2017, 106, 79-96.	0.9	28
1934	Geochemistry and geochronology of the Delinggou Intrusion: Implications for the subduction of the Paleo-Asian Ocean beneath the North China Craton. <i>Gondwana Research</i> , 2017, 43, 178-192.	3.0	30
1935	Geochemistry of the Eocene magmatic rocks from the Lesser Caucasus area (Armenia): evidence of a subduction geodynamic environment. <i>Geological Society Special Publication</i> , 2017, 428, 73-98.	0.8	16
1936	Early Paleozoic felsic magmatic evolution of the western Central Qilian belt, Northwestern China, and constraints on convergent margin processes. <i>Gondwana Research</i> , 2017, 41, 301-324.	3.0	57
1937	Mid-Miocene thermal impact on the lithosphere by sub-lithospheric convective mantle material: Transition from high- to moderate-Mg magmatism beneath Vitim Plateau, Siberia. <i>Geoscience Frontiers</i> , 2017, 8, 753-774.	4.3	7

#	ARTICLE	IF	CITATIONS
1938	The role of melt-rock interaction in the formation of Quaternary high-MgO potassic basalt from the Greater Khingan Range, northeast China. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 262-280.	1.4	28
1939	Al and Sr environment in tectosilicate glasses and melts: Viscosity, Raman and NMR investigation. <i>Chemical Geology</i> , 2017, 461, 115-127.	1.4	39
1940	Evolution of K-rich magmas derived from a net veined lithospheric mantle in an ongoing extensional setting: Geochronology and geochemistry of Eocene and Miocene volcanic rocks from Eastern Pontides (Turkey). <i>Gondwana Research</i> , 2017, 45, 65-86.	3.0	54
1941	The tectono-magmatic framework to gold mineralisation in the Sadiola-Yatela gold camp and implications for the paleotectonic setting of the Kâdougou-Kânieba inlier, West Africa. <i>Precambrian Research</i> , 2017, 292, 35-56.	1.2	24
1942	Late Oligocene-Miocene mantle upwelling and interaction inferred from mantle signatures in gabbroic to granitic rocks from the Urumieh-Dokhtar arc, south Ardestan, Iran. <i>International Geology Review</i> , 2017, 59, 1590-1608.	1.1	45
1943	Geochronology and geochemistry of the Early Jurassic Yeba Formation volcanic rocks in southern Tibet: Initiation of back-arc rifting and crustal accretion in the southern Lhasa Terrane. <i>Lithos</i> , 2017, 278-281, 477-490.	0.6	89
1944	Post-collisional magmatism and ore-forming systems in the Menderes massif: new constraints from the Miocene porphyry Mo-Cu ± narba system, Gediz taha, western Turkey. <i>Mineralium Deposita</i> , 2017, 52, 1157-1178.	1.7	23
1945	Petrogenesis of Luchuba and Wuchaba granitoids in western Qinling: geochronological and geochemical evidence. <i>Mineralogy and Petrology</i> , 2017, 111, 887-908.	0.4	18
1946	Early Cretaceous continental arc-related volcanic rocks in the Duobuzha area, northern Tibet: implications for evolution history of the Bangong-Nujiang Ocean. <i>International Geology Review</i> , 2017, 59, 1786-1803.	1.1	11
1947	Late Triassic granites from Bangka, Indonesia: A continuation of the Main Range granite province of the South-East Asian Tin Belt. <i>Journal of Asian Earth Sciences</i> , 2017, 138, 548-561.	1.0	26
1948	The earliest Neoproterozoic magmatic record of the Pearya terrane, Canadian high Arctic: Implications for Caledonian terrane reconstructions. <i>Precambrian Research</i> , 2017, 292, 323-349.	1.2	31
1949	Early Andean tectonomagmatic stages in north Patagonia: insights from field and geochemical data. <i>Journal of the Geological Society</i> , 2017, 174, 405-421.	0.9	47
1950	Late Paleozoic rift-related basalts from central Inner Mongolia, China. <i>Journal of Asian Earth Sciences</i> , 2017, 144, 155-170.	1.0	25
1951	Petrology and geochronology of Mesoproterozoic basement of the Mount Rogers area of southwestern Virginia and northwestern North Carolina: Implications for the Precambrian tectonic evolution of the southern Blue Ridge province. <i>Numerische Mathematik</i> , 2017, 317, 251-337.	0.7	14
1952	Large-volume lateral magma transport from the Mull volcano: An insight to magma chamber processes. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 1618-1640.	1.0	8
1953	Origin of continental arc andesites: The composition of source rocks is the key. <i>Journal of Asian Earth Sciences</i> , 2017, 145, 217-232.	1.0	51
1954	Hf isotope evidence for variable slab input and crustal addition in basalts and andesites of the Taupo Volcanic Zone, New Zealand. <i>Lithos</i> , 2017, 284-285, 222-236.	0.6	29
1955	Clinopyroxene-melt element partitioning during interaction between trachybasaltic magma and siliceous crust: Clues from quartzite enclaves at Mt. Etna volcano. <i>Lithos</i> , 2017, 284-285, 447-461.	0.6	14

#	ARTICLE	IF	CITATIONS
1956	Lithium isotopic composition and concentration of Himalayan leucogranites and the Indian lower continental crust. <i>Lithos</i> , 2017, 284-285, 416-428.	0.6	23
1957	Catastrophic Caldera-Forming (CCF) Monotonous Silicic Magma Reservoirs: Geochemical and Petrological Constraints on Heterogeneity, Magma Dynamics, and Eruption Dynamics of the 3.49 Ma Tara Supereruption, Guacha II Caldera, SW Bolivia. <i>Journal of Petrology</i> , 2017, 58, 227-260.	1.1	26
1958	Spatial and temporal radiogenic isotopic trends of magmatism in Cordilleran orogens. <i>Gondwana Research</i> , 2017, 48, 189-204.	3.0	73
1959	Post-rift magmatic evolution of the eastern North American passive-aggressive margin. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 3-22.	1.0	25
1960	Timing, mantle source and origin of mafic dykes within the gravity anomaly belt of the Taihang-Da Hinggan gravity lineament, central North China Craton. <i>Journal of Geodynamics</i> , 2017, 109, 41-58.	0.7	10
1961	Ar-Ar ages, Sr-Nd isotope geochemistry, and implications for the origin of the silicate rocks of the Jacupiranga ultramafic-alkaline complex (Brazil). <i>Journal of South American Earth Sciences</i> , 2017, 77, 286-309.	0.6	31
1962	A Nd- and O-isotope study of the REE-rich peralkaline Strange Lake granite: implications for Mesoproterozoic A-type magmatism in the Core Zone (NE-Canada). <i>Contributions To Mineralogy and Petrology</i> , 2017, 172, 1.	1.2	13
1963	Formation and evolution of the Paleoproterozoic meta-mafic and associated supracrustal rocks from the Lushan Taihua Complex, southern North China Craton: Insights from zircon U-Pb geochronology and whole-rock geochemistry. <i>Precambrian Research</i> , 2017, 303, 428-444.	1.2	29
1964	Sr- and Nd- isotope variations along the Pleistocene San Pedro "Linzor volcanic chain, N. Chile: Tracking the influence of the upper crustal Altiplano-Puna Magma Body. <i>Journal of Volcanology and Geothermal Research</i> , 2017, 341, 172-186.	0.8	27
1965	Petrogenesis and tectonic implications of Upper Triassic appinite dykes in the East Kunlun orogenic belt, northern Tibetan Plateau. <i>Lithos</i> , 2017, 284-285, 766-778.	0.6	41
1966	Geochemical and isotopic evidence for Carboniferous rifting: mafic dykes in the central Sanandaj-Sirjan zone (Dorud-Azna, West Iran). <i>Geologica Carpathica</i> , 2017, 68, 229-247.	0.2	10
1967	Post-caldera Volcanism at the Heise Volcanic Field: Implications for Petrogenetic Models. <i>Journal of Petrology</i> , 2017, 58, 115-136.	1.1	22
1968	Revisiting the Yejishan Group of the Liang Complex, North China: Implications for a Paleoproterozoic active continental marginal basin in the Trans-North China Orogen. <i>Precambrian Research</i> , 2017, 292, 93-114.	1.2	15
1969	Vertically extensive and unstable magmatic systems: A unified view of igneous processes. <i>Science</i> , 2017, 355, .	6.0	770
1970	Cooling history of nested plutons from the Variscan Tichka plutonic complex (Morocco). <i>International Journal of Earth Sciences</i> , 2017, 106, 2855-2872.	0.9	2
1971	Early Devonian back-arc extension in the eastern Central Asian Orogenic Belt: Evidence from a bimodal volcanic sequence from Xilinhot, central Inner Mongolia (North China). <i>Journal of Asian Earth Sciences</i> , 2017, 144, 40-53.	1.0	14
1972	Molybdenum mineralization related to the Yangtze's lower crust and differentiation in the Dabie Orogen: Evidence from the geochemical features of the Yaochong porphyry Mo deposit. <i>Lithos</i> , 2017, 282-283, 111-127.	0.6	12
1973	Genesis and open-system evolution of Quaternary magmas beneath southeastern margin of Tibet: Constraints from Sr-Nd-Pb-Hf isotope systematics. <i>Lithos</i> , 2017, 272-273, 278-290.	0.6	23

#	ARTICLE	IF	CITATIONS
1974	Petrogenesis of Neoproterozoic metavolcanic rocks in Changyukou, Northwestern Hebei: Implications for the transition stage from a compressional to an extensional regime for the North China Craton. <i>Lithos</i> , 2017, 274-275, 53-72.	0.6	13
1975	Late Devonian to early Carboniferous arc-related magmatism in the Baolidao arc, Inner Mongolia, China: Significance for southward accretion of the eastern Central Asian orogenic belt. <i>Bulletin of the Geological Society of America</i> , 2017, 129, 677-697.	1.6	45
1976	Origin of Permian OIB-like basalts in NW Thailand and implication on the Paleotethyan Ocean. <i>Lithos</i> , 2017, 274-275, 93-105.	0.6	40
1977	From olivine nephelinite, basanite and basalt to peralkaline trachyphonolite and comendite in the Ankaratra volcanic complex, Madagascar: $^{40}\text{Ar}/^{39}\text{Ar}$ ages, phase compositions and bulk-rock geochemical and isotopic evolution. <i>Lithos</i> , 2017, 274-275, 363-382.	0.6	33
1978	Geochemical and Nd-Sr-Pb isotope characteristics of synorogenic lower crust-derived granodiorites (Central Damara orogen, Namibia). <i>Lithos</i> , 2017, 274-275, 397-411.	0.6	13
1979	Granites and rhyolites: Messages from Hong Kong, courtesy of zircon. <i>American Mineralogist</i> , 2017, 102, 2154-2156.	0.9	0
1980	The post-collisional late Variscan ferroan granites of southern Sardinia (Italy): Inferences for inhomogeneity of lower crust. <i>Lithos</i> , 2017, 294-295, 263-282.	0.6	21
1981	Miocene volcanism in the OaÅŸi Volcanic Zone, Eastern Carpathians, Romania: Relationship to geodynamic processes in the Transcarpathian Basin. <i>Lithos</i> , 2017, 294-295, 304-318.	0.6	10
1982	Origin and Evolution of Silicic Magmas in Oceanic Arcs; an in situ Study from St Lucia, Lesser Antilles. <i>Journal of Petrology</i> , 2017, 58, 1279-1318.	1.1	10
1983	Geochemistry of $\sim 2.5$ Ga granitoids at the northern margin of the Yinshan Block: Implications for the crustal evolution of the North China Craton. <i>Precambrian Research</i> , 2017, 303, 673-686.	1.2	24
1984	Petrogenesis of a Mesoproterozoic shoshonitic lamprophyre dyke from the Wajrakarur kimberlite field, eastern Dharwar craton, southern India: Geochemical and Sr-Nd isotopic evidence for a modified sub-continental lithospheric mantle source. <i>Lithos</i> , 2017, 292-293, 218-233.	0.6	47
1985	Generation of felsic rocks of bimodal volcanic suites from thinned and rifted continental margins: Geochemical and Nd, Sr, Pb-isotopic evidence from Haida Gwaii, British Columbia, Canada. <i>Lithos</i> , 2017, 292-293, 146-160.	0.6	12
1986	Evidence for Residual Melt Extraction in the Takidani Pluton, Central Japan. <i>Journal of Petrology</i> , 2017, 58, 763-788.	1.1	59
1987	Petrogenesis of the alkaline and calcalkaline monogenetic volcanism in the northern sector of the Michoacn-Guanajuato Volcanic Field (Central Mexico). <i>Lithos</i> , 2017, 288-289, 295-310.	0.6	3
1988	Cordillera Zealandia: A Mesozoic arc flare-up on the palaeo-Pacific Gondwana Margin. <i>Scientific Reports</i> , 2017, 7, 261.	1.6	36
1989	U-series disequilibria of trachyandesites from minor volcanic centers in the Central Andes. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 215, 92-104.	1.6	4
1990	Re-Os and U-Pb geochronology of the Songbei porphyry skarn Mo deposit, North China Craton: Implications for the Early Jurassic tectonic setting in eastern China. <i>Journal of Geochemical Exploration</i> , 2017, 181, 256-269.	1.5	7
1991	Roles of xenomelts, xenoliths, xenocrysts, xenovolatiles, residues, and skarns in the genesis, transport, and localization of magmatic Fe-Ni-Cu-PGE sulfides and chromite. <i>Ore Geology Reviews</i> , 2017, 90, 465-484.	1.1	53

#	ARTICLE	IF	CITATIONS
1992	Geochemical differentiation processes for arc magma of the Sengan volcanic cluster, Northeastern Japan, constrained from principal component analysis. <i>Lithos</i> , 2017, 290-291, 60-75.	0.6	34
1993	Mt Bambouto Volcano, Cameroon Line: Mantle Source and Differentiation of Within-plate Alkaline Rocks. <i>Journal of Petrology</i> , 0, .	1.1	4
1994	Petrogenesis and Metallogenesis of the Mazaertag Layered Intrusion in the Tarim Large Igneous Province, NW China. <i>Acta Geologica Sinica</i> , 2017, 91, 1653-1679.	0.8	6
1995	2.5 Ga gabbro-anorthosites in the Belomorian Province, Fennoscandian Shield: Petrology and tectonic setting. <i>Petrology</i> , 2017, 25, 566-591.	0.2	9
1996	Geochemical and Sr-Nd isotopic characteristics of Upper Cretaceous (calc-alkaline) and Miocene (alkaline) volcanic rocks: Elazığ, Eastern Taurides, Turkey. <i>Journal of African Earth Sciences</i> , 2017, 134, 332-344.	0.9	6
1997	Chemo-probe into the mantle origin of the NW Anatolia Eocene to Miocene volcanic rocks: Implications for the role of, crustal accretion, subduction, slab roll-back and slab break-off processes in genesis of post-collisional magmatism. <i>Lithos</i> , 2017, 288-289, 55-71.	0.6	34
1998	Origin of the volcanic rocks erupted in the eastern Manus Basin: Basaltic andesite-andesite-dacite associations. <i>Journal of Ocean University of China</i> , 2017, 16, 389-402.	0.6	5
1999	Petro-geochemical constraints on the source and evolution of magmas at El Misti volcano (Peru). <i>Lithos</i> , 2017, 268-271, 240-259.	0.6	28
2000	The Neoproterozoic continental rift magmatism of the eastern Jiangnan orogen: new evidence from the mafic sheets in northern Zhejiang Province, South China. <i>International Geology Review</i> , 2017, 59, 829-844.	1.1	2
2001	An overview on the origin of post-collisional Miocene magmatism in the Kabylies (northern Algeria): Evidence for crustal stacking, delamination and slab detachment. <i>Journal of African Earth Sciences</i> , 2017, 125, 27-41.	0.9	34
2002	Origin of temporal compositional trends in monogenetic vent eruptions: Insights from the crystal cargo in the Papoose Canyon sequence, Big Pine Volcanic Field, CA. <i>Earth and Planetary Science Letters</i> , 2017, 457, 227-237.	1.8	9
2003	Petrology and geochemistry of Early Cretaceous A-type granitoids and late Mesozoic mafic dikes and their relationship to adakitic intrusions in the lower Yangtze River belt, Southeast China. <i>International Geology Review</i> , 2017, 59, 62-79.	1.1	27
2004	Precise U-Pb zircon ages and geochemistry of Jurassic granites, Ellsworth-Whitmore terrane, central Antarctica. <i>Bulletin of the Geological Society of America</i> , 2017, 129, 118-136.	1.6	23
2005	Igpet software for modeling igneous processes: examples of application using the open educational version. <i>Mineralogy and Petrology</i> , 2017, 111, 283-289.	0.4	27
2006	Geochronology, geochemistry, and tectonic setting of the Oligocene magmatic rocks (Marmaros) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 420-447.	1.1	8
2007	Interaction between protokimberlite melts and mantle lithosphere: Evidence from mantle xenoliths from the Dalnyaya kimberlite pipe, Yakutia (Russia). <i>Geoscience Frontiers</i> , 2017, 8, 693-710.	4.3	15
2008	Alakit and Daldyn kimberlite fields, Siberia, Russia: Two types of mantle sub-terraces beneath central Yakutia?. <i>Geoscience Frontiers</i> , 2017, 8, 671-692.	4.3	17
2009	Sr-Nd-Pb isotopic systematics of crustal rocks from the western Betics (S. Spain): Implications for crustal recycling in the lithospheric mantle beneath the westernmost Mediterranean. <i>Lithos</i> , 2017, 276, 45-61.	0.6	16



#	ARTICLE	IF	CITATIONS
2010	Deep mixing of mantle melts beneath continental flood basalt provinces: Constraints from olivine-hosted melt inclusions in primitive magmas. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 196, 36-57.	1.6	37
2011	Early Paleozoic intracontinental orogeny and post-orogenic extension in the South China Block: Insights from volcanic rocks. <i>Journal of Asian Earth Sciences</i> , 2017, 141, 24-42.	1.0	31
2012	Zircon in amphibolites from Naxos, Aegean Sea, Greece: origin, significance and tectonic setting. <i>Journal of Metamorphic Geology</i> , 2017, 35, 413-434.	1.6	30
2013	Sr-Nd-Pb isotopic compositions of the lower crust beneath northern Tarim: insights from igneous rocks in the Kuluketage area, NW China. <i>Mineralogy and Petrology</i> , 2017, 111, 237-252.	0.4	9
2014	How Melt Segregation Affects Granite Chemistry: Migmatites from the Sierra de Quilmes, NW Argentina. <i>Journal of Petrology</i> , 2017, 58, 2339-2364.	1.1	24
2015	Zircon Hafnium-Oxygen Isotope and Trace Element Petrochronology of Intraplate Volcanic Rocks from the Eifel (Germany) and Implications for Mantle versus Crustal Origins of Zircon Megacrysts. <i>Journal of Petrology</i> , 2017, 58, 1841-1870.	1.1	42
2016	Geochemical Constraints Provided by the Freetown Layered Complex (Sierra Leone) on the Origin of High-Ti Tholeiitic CAMP Magmas. <i>Journal of Petrology</i> , 2017, 58, 1811-1840.	1.1	39
2017	Crustal Evolution of NW Iran: Cadomian Arcs, Archean Fragments and the Cenozoic Magmatic Flare-Up. <i>Journal of Petrology</i> , 2017, 58, 2143-2190.	1.1	62
2018	Geochemistry and Origin of the Neoproterozoic Natkusiak Flood Basalts and Related Franklin Sills, Victoria Island, Arctic Canada. <i>Journal of Petrology</i> , 2017, 58, 2191-2220.	1.1	17
2019	Petrogenesis and Magmatic Evolution of the Guichon Creek Batholith: Highland Valley Porphyry Cu ± (Mo) District, South-Central British Columbia. <i>Economic Geology</i> , 2017, 112, 1857-1888.	1.8	25
2020	Geochemistry and petrology of the Búzios Island alkaline massif, SE, Brazil. <i>Brazilian Journal of Geology</i> , 2017, 47, 127-145.	0.3	11
2021	The petrogenesis of tholeiitic diabases in eastern Parnaíba Basin: evidence for geochemical heterogeneities in the subcontinental lithospheric mantle in NE Brazil. <i>Brazilian Journal of Geology</i> , 2017, 47, 109-126.	0.3	11
2023	Lithospheric heating by crustal thickening: a possible origin of the Parnaíba Basin. <i>Geological Society Special Publication</i> , 2018, 472, 37-44.	0.8	10
2024	Modelling Isotopic Responses to Disequilibrium Melting in Granitic Systems. <i>Journal of Petrology</i> , 2018, 59, 87-113.	1.1	18
2025	Petrogenesis and metallogenesis of the Wajilitag and Puchang Fe-Ti oxide-rich intrusive complexes, northwestern Tarim Large Igneous Province. <i>Lithos</i> , 2018, 304-307, 412-435.	0.6	20
2026	Review of the Cambrian volcanic activity in Morocco: geochemical fingerprints and geotectonic implications for the rifting of West Gondwana. <i>International Journal of Earth Sciences</i> , 2018, 107, 2101-2123.	0.9	40
2027	Magmatic processes leading to compositional diversity in igneous rocks: Bowen (1928) revisited. <i>Numerische Mathematik</i> , 2018, 318, 1-28.	0.7	20
2028	Mixing of Felsic Magmas in Granite Petrogenesis: Geochemical Records of Zircon and Garnet in Peraluminous Granitoids From South China. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 2738-2769.	1.4	18

#	ARTICLE	IF	CITATIONS
2029	In situ U-Pb geochronology and geochemistry of a 1.13 Ga mafic dyke suite at Bunge Hills, East Antarctica: The end of the Albany-Fraser Orogeny. <i>Precambrian Research</i> , 2018, 310, 76-92.	1.2	11
2030	Across-arc geochemical and Sr-Nd-Hf isotopic variations of mafic intrusive rocks at the southern Central Qilian block, China. <i>Gondwana Research</i> , 2018, 59, 108-125.	3.0	16
2031	Geochemistry and U-Pb-Hf zircon data for plutonic rocks of the Troia Massif, Borborema Province, NE Brazil: Evidence for reworking of Archean and juvenile Paleoproterozoic crust during Rhyacian accretionary and collisional tectonics. <i>Precambrian Research</i> , 2018, 311, 167-194.	1.2	32
2032	The Volcanic-Plutonic Connection. <i>Advances in Volcanology</i> , 2018, , 61-82.	0.7	1
2033	The magmatic evolution and genesis of the Quaternary basanite-trachyphonolite suite of Itasy (Madagascar) as inferred by geochemistry, Sr-Nd-Pb isotopes and trace element distribution in coexisting phases. <i>Lithos</i> , 2018, 310-311, 50-64.	0.6	18
2034	Melt Origin across a Rifted Continental Margin: a Case for Subduction-related Metasomatic Agents in the Lithospheric Source of Alkaline Basalt, NW Ross Sea, Antarctica. <i>Journal of Petrology</i> , 2018, 59, 517-558.	1.1	57
2035	The Magmatic Plumbing System for Mesozoic High-Mg Andesites, Garnet-bearing Dacites and Porphyries, Rhyolites and Leucogranites from West Qinling, Central China. <i>Journal of Petrology</i> , 2018, 59, 447-482.	1.1	25
2036	Mantle heterogeneity, plume-lithosphere interaction at rift controlled ocean-continent transition zone: Evidence from trace-PGE geochemistry of Vempalle flows, Cuddapah Basin, India. <i>Geoscience Frontiers</i> , 2018, 9, 1809-1827.	4.3	17
2037	Sr-Nd-Pb isotope systematics of the Permian volcanic rocks in the northern margin of the Alxa Block (the Shalazhashan Belt) and comparisons with the nearby regions: Implications for a Permian rift setting?. <i>Journal of Geodynamics</i> , 2018, 115, 43-56.	0.7	14
2038	Melt transport and mantle assimilation at Atlantis Massif (IODP Site U1309): Constraints from geochemical modeling. <i>Lithos</i> , 2018, 323, 24-43.	0.6	42
2039	Source and petrogenesis of Paleoproterozoic meta-mafic rocks intruding into the North Liaohe Group: Implications for back-arc extension prior to the formation of the Jiao-Liao-Ji Belt, North China Craton. <i>Precambrian Research</i> , 2018, 307, 66-81.	1.2	63
2040	Chemical and Sr-Nd compositions and <sup>40</sup> Ar/ <sup>39</sup> Ar ages of NW-trending dolerite dikes of Burkina Faso: Evidence for a Mesoproterozoic magmatism in the West African Craton. <i>Geoscience Frontiers</i> , 2018, 9, 1957-1980.	4.3	4
2041	Isotope Geochemistry of Continental Rocks. , 0, , 167-193.		0
2042	Magmatism: A crustal and geodynamic perspective. <i>Journal of Structural Geology</i> , 2018, 114, 329-335.	1.0	6
2043	Geochronology and geochemistry of the granites from the Zhuxi W-Cu ore deposit in South China: Implication for petrogenesis, geodynamical setting and mineralization. <i>Lithos</i> , 2018, 304-307, 155-179.	0.6	55
2044	Age and geochemistry of the Charlestown Group, Ireland: Implications for the Grampian orogeny, its mineral potential and the Ordovician timescale. <i>Lithos</i> , 2018, 302-303, 1-19.	0.6	10
2045	Constraining lithospheric removal and asthenospheric input to melts in Central Asia: A geochemical study of Triassic to Cretaceous magmatic rocks in the Gobi Altai (Mongolia). <i>Lithos</i> , 2018, 296-299, 297-315.	0.6	35
2046	Zircon trace element and isotopic (Sr, Nd, Hf, Pb) effects of assimilation-fractional crystallization of pegmatite magma: A case study of the Guangshigou biotite pegmatites from the North Qinling Orogen, central China. <i>Lithos</i> , 2018, 302-303, 20-36.	0.6	17

#	ARTICLE	IF	CITATIONS
2047	Geochemical evidence for Paleozoic crustal growth and tectonic conversion in the Northern Beishan Orogenic Belt, southern Central Asian Orogenic Belt. <i>Lithos</i> , 2018, 302-303, 189-202.	0.6	30
2048	Felsic-intermediate magmatism and brittle deformation in Sierra del Tzirate (Michoacán-Guanajuato) Tj ETQq1 1 0,784314 rgBT /Ovele	0.6	12
2049	Recurrent Local Melting of Metasomatised Lithospheric Mantle in Response to Continental Rifting: Constraints from Basanites and Nephelinites/Melilitites from SE Germany. <i>Journal of Petrology</i> , 2018, 59, 667-694.	1.1	26
2050	Interaction Among Magmas from Various Sources and Crustal Melting Processes During Continental Collision: Insights from the Huayang Intrusive Complex of the South Qinling Belt, China. <i>Journal of Petrology</i> , 2018, 59, 735-770.	1.1	18
2051	Petrology of the 120 ka Caldera-Forming Eruption of Kutcharo Volcano, Eastern Hokkaido, Japan: Coexistence of Multiple Silicic Magmas and their Relationship with Mafic Magmas. <i>Journal of Petrology</i> , 2018, 59, 771-793.	1.1	6
2052	Petrogenesis of Mesoproterozoic mafic rocks in Hainan (South China) and its implication on the southwest Hainan-Laurentia-Australia connection. <i>Precambrian Research</i> , 2018, 313, 119-133.	1.2	37
2053	Generation of syntectonic calc-alkaline, magnesian granites through remelting of pre-tectonic igneous sources â€“ U-Pb zircon ages and Sr, Nd and Pb isotope data from the Donkerhoek granite (southern Damara orogen, Namibia). <i>Lithos</i> , 2018, 310-311, 314-331.	0.6	9
2054	Petrologic evolution of Miocene-Pliocene mafic volcanism in the Kangal and GÃ¼rÃ¼n basins (Sivas-Malatya), central east Anatolia: Evidence for Miocene anorogenic magmas contaminated by continental crust. <i>Lithos</i> , 2018, 310-311, 392-408.	0.6	26
2055	Zircon Uâ€“Pb dating, geochemistry and Srâ€“Ndâ€“Hfâ€“O isotopes for the Baimaxueshan granodiorites and mafic microgranulars enclaves in the Sanjiang Orogen: Evidence for westward subduction of Paleo-Tethys. <i>Gondwana Research</i> , 2018, 62, 112-126.	3.0	21
2056	Trace Element Constraints on the Differentiation and Crystal Mush Solidification in the Skaergaard Intrusion, Greenland. <i>Journal of Petrology</i> , 2018, 59, 387-418.	1.1	30
2057	Petrogenesis and depositional history of felsic pyroclastic rocks from the Melka Wakena archaeological site-complex in South central Ethiopia. <i>Journal of African Earth Sciences</i> , 2018, 142, 93-111.	0.9	9
2058	Temporal constraints on magma generation and differentiation in a continental volcano: Buckland, eastern Australia. <i>Lithos</i> , 2018, 302-303, 341-358.	0.6	18
2059	Kinetics of dissolution of sapphire in melts in the CaOâ€“Al <sub>2</sub> O <sub>3</sub> â€“SiO <sub>2</sub> system. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 229, 129-146.	1.6	5
2060	Geological evolution of Paniri volcano, Central Andes, northern Chile. <i>Journal of South American Earth Sciences</i> , 2018, 84, 184-200.	0.6	14
2061	The Geon 14 arc-related mafic rocks from the central Grenville Province. <i>Canadian Journal of Earth Sciences</i> , 2018, 55, 545-570.	0.6	5
2062	Geochemistry and Srâ€“Nd isotope composition of Carboniferous volcanic rocks of the Jueluotage Orogenic Belt: implications for the tectonic evolution of Eastern Tianshan, China. <i>International Geology Review</i> , 2018, 60, 43-56.	1.1	7
2063	Stagnant lids and mantle overturns: Implications for Archaean tectonics, magmagenesis, crustal growth, mantle evolution, and the start of plate tectonics. <i>Geoscience Frontiers</i> , 2018, 9, 19-49.	4.3	292
2064	Palaeoproterozoic granitic magmatism in the northern segment of the Jiao-Liao-Ji Belt: implications for orogenesis along the Eastern Block of the North China Craton. <i>International Geology Review</i> , 2018, 60, 217-241.	1.1	19

#	ARTICLE	IF	CITATIONS
2065	Recognition of a Devonian–early Mississippian plutonic belt in the eastern Beishan area, Northwest China, and its tectonic implications. <i>Geological Journal</i> , 2018, 53, 803-819.	0.6	7
2066	Origin of the Amba Dongar carbonatite complex, India and its possible linkage with the Deccan Large Igneous Province. <i>Geological Society Special Publication</i> , 2018, 463, 137-169.	0.8	27
2067	Mantle source heterogeneity in continental mafic Large Igneous Provinces: insights from the Panjal, Rajmahal and Deccan basalts, India. <i>Geological Society Special Publication</i> , 2018, 463, 87-116.	0.8	10
2068	Geochemistry and geochronology of the $^{40}\text{Ar}/^{39}\text{Ar}$ high-Mg gabbroic dykes from the Quanji Massif, southeast Tarim Block, NW China: Implications for the Rodinia supercontinent assembly. <i>Journal of Asian Earth Sciences</i> , 2018, 157, 3-21.	1.0	22
2069	Paleoproterozoic Nb-enriched meta-gabbros in the Quanji Massif, NW China: Implications for assembly of the Columbia supercontinent. <i>Geoscience Frontiers</i> , 2018, 9, 577-590.	4.3	21
2070	Geochronology, geochemistry, and zircon Hf isotopes of the late Permian-early Triassic Wuma intrusions in the Erguna Block, northeast China: Petrogenesis and implications for tectonic setting and crustal growth. <i>Geological Journal</i> , 2018, 53, 1906-1920.	0.6	7
2071	Eocene magmatism (Maden Complex) in the Southeast Anatolian Orogenic Belt: Magma genesis and tectonic implications. <i>Geoscience Frontiers</i> , 2018, 9, 1829-1847.	4.3	38
2072	Petrology, geochemistry and LA-ICP-MS U-Pb geochronology of Paleoproterozoic basement rocks in Bangladesh: An evaluation of calc-alkaline magmatism and implication for Columbia supercontinent amalgamation. <i>Journal of Asian Earth Sciences</i> , 2018, 157, 22-39.	1.0	17
2073	Petrological constraints on the high-Mg basalts from Capo Marargiu (Sardinia, Italy): Evidence of cryptic amphibole fractionation in polybaric environments. <i>Journal of Volcanology and Geothermal Research</i> , 2018, 349, 31-46.	0.8	14
2074	Stratigraphy, petrogenesis and geodynamic setting of Late Cretaceous volcanism on the SW margin of the Black Sea, Turkey. <i>Geological Society Special Publication</i> , 2018, 464, 95-130.	0.8	15
2075	Geochemistry, $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology, and geodynamic implications of Early Cretaceous basalts from the western Qinling orogenic belt, China. <i>Journal of Asian Earth Sciences</i> , 2018, 151, 62-72.	1.0	10
2076	Cambrian–Ordovician magmatism of the Ikh-Mongol Arc System exemplified by the Khantaishir Magmatic Complex (Lake Zone, south-central Mongolia). <i>Gondwana Research</i> , 2018, 54, 122-149.	3.0	58
2077	Geochemistry and zircon Hf isotopes of the Early Mesozoic intrusive rocks in the south Hunchun, Yanbian area, Northeast China: petrogenesis and implications for crustal growth. <i>International Geology Review</i> , 2018, 60, 1038-1060.	1.1	10
2078	Geochemical study of Cretaceous magmatic rocks in Chuzhou region, low Yangtze River metallogenic belt: implications for petrogenesis and Cu–Au mineralization. <i>International Geology Review</i> , 2018, 60, 1479-1506.	1.1	19
2079	Volatile element loss during planetary magma ocean phases. <i>Icarus</i> , 2018, 300, 249-260.	1.1	67
2080	Insights into the petrogenesis of low- and high-Ti basalts: Stratigraphy and geochemistry of four lava sequences from the central Paraná basin. <i>Journal of Volcanology and Geothermal Research</i> , 2018, 355, 232-252.	0.8	19
2081	Evaluating the relative roles of crustal growth versus reworking through continental arc magmatism: A case study from the Ross orogen, Antarctica. <i>Gondwana Research</i> , 2018, 55, 153-166.	3.0	18
2082	Interaction of mantle magmas and fluids with crustal fluids at the 1894 Ma Montviel alkaline-carbonatite complex, Canada: Insights from metasomatic and hydrothermal carbonates. <i>Lithos</i> , 2018, 296-299, 563-579.	0.6	8

#	ARTICLE	IF	CITATIONS
2083	Geochemistry, petrology and geodynamic setting of the Urumieh plutonic complex, Sanandajâ€“Sirjan zone, NW Iran: New implication for Arabian and Central Iranian plate collision. <i>Journal of African Earth Sciences</i> , 2018, 139, 421-439.	0.9	17
2084	Tracing the HIMU component within Pan-African lithosphere beneath northeast Africa: Evidence from Late Cretaceous Natash alkaline volcanics, Egypt. <i>Lithos</i> , 2018, 300-301, 136-153.	0.6	8
2085	Neogene Uplift and Magmatism of Anatolia: Insights From Drainage Analysis and Basaltic Geochemistry. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 175-213.	1.0	64
2086	Geochemical and Sr-Nd-Pb isotope characteristics of the Miocene to Pliocene volcanic rocks from the Kandilli (Erzurum) area, Eastern Anatolia (Turkey): Implications for magma evolution in extension-related origin. <i>Lithos</i> , 2018, 296-299, 332-351.	0.6	22
2087	Petrogenesis of the Yupo W-bearing and Dali Mo-bearing granitoids in the Dayaoshan area, South China: Constraints of geochronology and geochemistry. <i>Ore Geology Reviews</i> , 2018, 92, 643-655.	1.1	20
2088	The genetic relationship between andesites and dacites at Tungurahua volcano, Ecuador. <i>Journal of Volcanology and Geothermal Research</i> , 2018, 349, 283-297.	0.8	13
2089	Slab break-off triggered lithosphere - asthenosphere interaction at a convergent margin: The Neoproterozoic bimodal magmatism in NW India. <i>Lithos</i> , 2018, 296-299, 281-296.	0.6	74
2090	Oldest lamproites from Peninsular India track the onset of Paleoproterozoic plume-induced rifting and the birth of Large Igneous Province. <i>Gondwana Research</i> , 2018, 55, 1-20.	3.0	43
2091	Early Jurassic adakitic rocks in the southern Lhasa sub-terrane, southern Tibet: petrogenesis and geodynamic implications. <i>Geological Magazine</i> , 2018, 155, 132-148.	0.9	21
2092	A common crustal component in the sources of bimodal magmatism: Geochemical evidence from Mesozoic volcanics in the Middle-Lower Yangtze Valley, South China. <i>Bulletin of the Geological Society of America</i> , 0, , .	1.6	3
2093	New petrological, geochemical, and geochronological perspectives on andesite-dacite magma genesis at Ruapehu volcano, New Zealand. <i>American Mineralogist</i> , 2018, 103, 565-581.	0.9	14
2094	Late Devonian postcollisional magmatism in the ultrahigh-pressure metamorphic belt, Xitieshan terrane, NW China. <i>Bulletin of the Geological Society of America</i> , 2018, 130, 999-1016.	1.6	25
2095	Water-fluxed crustal melting and petrogenesis of large-scale Early Cretaceous intracontinental granitoids in the southern Great Xingâ€“man Range, North China. <i>Bulletin of the Geological Society of America</i> , 2018, 130, 580-597.	1.6	20
2096	Mioceneâ€“Pliocene Volcanism of Central Armenia: Geochronology and the Role of AFC Processes in Magma Petrogenesis. <i>Journal of Volcanology and Seismology</i> , 2018, 12, 310-331.	0.2	8
2097	First Lu-Hf, $\delta^{18}O$ and trace elements in zircon signatures from the Statherian EspinhaÃ§o anorogenic province (Eastern Brazil): geotectonic implications of a silicic large igneous province. <i>Brazilian Journal of Geology</i> , 2018, 48, 735-759.	0.3	29
2098	Finds of â€œAncientâ€“Zircons in Magmatic Rocks of the Shatak Complex (Southern Urals) and Their Petrogenic Implications. <i>Doklady Earth Sciences</i> , 2018, 482, 1270-1274.	0.2	0
2099	Melt-dunite interactions at 0.5 and 0.7â€“GPa: experimental constraints on the origin of olivine-rich troctolites. <i>Lithos</i> , 2018, 323, 44-57.	0.6	15
2100	Water and Oxygen Fugacity in the Lithospheric Mantle Wedge beneath the Northern Canadian Cordillera (Alligator Lake). <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 3844-3869.	1.0	13

#	ARTICLE	IF	CITATIONS
2101	Magmatic reactivation of the Campi Flegrei volcanic system: insights from the Baia-Fondi di Baia eruption. <i>Bulletin of Volcanology</i> , 2018, 80, 1.	1.1	7
2102	Reactivity of chromium-based pigments in a porcelain glaze. <i>Comptes Rendus Physique</i> , 2018, 19, 589-598.	0.3	3
2103	The 825-Ma Yiyang high-MgO basalts of central South China: Insights from Os-Hf-Nd data. <i>Chemical Geology</i> , 2018, 502, 107-121.	1.4	12
2104	Petrology, geochemistry and geodynamic setting of Eocene-Oligocene alkaline intrusions from the Alborz-Azerbaijan magmatic belt, NW Iran. <i>Chemie Der Erde</i> , 2018, 78, 432-461.	0.8	11
2105	Initial back-arc extension: Evidence from petrogenesis of early Paleozoic MORB-like gabbro at the southern Central Qilian block, NW China. <i>Lithos</i> , 2018, 322, 166-178.	0.6	15
2106	A Comparison of Oxygen Fugacities of Strongly Peraluminous Granites across the Archean-Proterozoic Boundary. <i>Journal of Petrology</i> , 2018, 59, 2123-2156.	1.1	29
2107	Eclogites in peridotite massifs in the Western Gneiss Region, Scandinavian Caledonides: Petrogenesis and comparison with those in the Variscan Moldanubian Zone. <i>Lithos</i> , 2018, 322, 325-346.	0.6	12
2108	Post-collisional calc-alkaline lamprophyres from the Kadiri greenstone belt: Evidence for the Neoproterozoic convergence-related evolution of the Eastern Dharwar Craton and its schist belts. <i>Lithos</i> , 2018, 320-321, 105-117.	0.6	38
2109	The geochemistry and petrogenesis of Carnley Volcano, Auckland Islands, SW Pacific. <i>New Zealand Journal of Geology, and Geophysics</i> , 2018, 61, 480-497.	1.0	12
2110	Transition From Low- to High- Calc-Alkaline Magmatism at Approximately 84 Ma in the Eastern Pontides (NE Turkey): Magmatic Response to Slab Rollback of the Black Sea. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 7604-7628.	1.4	34
2111	Extreme isotopic variation documents extensional tectonics in arc magmas from Methana, Greece. <i>Lithos</i> , 2018, 318-319, 386-398.	0.6	12
2112	Specifics of the Neoproterozoic Lithospheric Processes in the Kola-Norwegian Province of the Fennoscandian Shield: II. Petrology and Geodynamic Nature of Komatiite-Tholeiite Association. <i>Petrology</i> , 2018, 26, 246-254.	0.2	3
2113	Early Paleozoic slab rollback in the North Altun, Northwest China: New evidence from mafic intrusions and high-Mg andesites. <i>Lithosphere</i> , 0, , .	0.6	1
2114	Petrology, geochemistry, and zircon U-Pb-Hf isotopes of Late Triassic enclaves and host granitoids at the southeastern margin of the Songnen-Zhangguangcai Range Massif, Northeast China: Evidence for magma mixing during subduction of the Mudanjiang oceanic plate. <i>Lithos</i> , 2018, 312-313, 358-374.	0.6	24
2115	Experimental insights into Stannern-trend eucrite petrogenesis. <i>Meteoritics and Planetary Science</i> , 2018, 53, 2122-2137.	0.7	4
2116	Mantle sources and magma evolution of the Rooiberg lavas, Bushveld Large Igneous Province, South Africa. <i>Contributions To Mineralogy and Petrology</i> , 2018, 173, 1.	1.2	19
2117	Timing of subduction initiation in the Proto-Tethys Ocean: Evidence from the Cambrian gabbros from the NE Pamir Plateau. <i>Lithos</i> , 2018, 314-315, 40-51.	0.6	56
2118	Petrology and geochemistry of the Mesoproterozoic Vattikod lamproites, Eastern Dharwar Craton, southern India: evidence for multiple enrichment of sub-continental lithospheric mantle and links with amalgamation and break-up of the Columbia supercontinent. <i>Contributions To Mineralogy and Petrology</i> , 2018, 173, 1.	1.2	25

#	ARTICLE	IF	CITATIONS
2119	Significance of assimilation and fractional crystallization (AFC) process in the generation of basaltic lava flows from Chhotaudepur area, Deccan Large Igneous Province, NW India. <i>Journal of Earth System Science</i> , 2018, 127, 1.	0.6	4
2120	Petrology of Jurassic and Cretaceous basaltic formations from the Parnaíba Basin, NE Brazil: correlations and associations with large igneous provinces. <i>Geological Society Special Publication</i> , 2018, 472, 279-308.	0.8	14
2121	Geochemical insights from clinopyroxene phenocrysts into the effect of magmatic processes on petrogenesis of intermediate volcanics. <i>Lithos</i> , 2018, 316-317, 137-153.	0.6	13
2122	Caldera Life-Cycles of the Yellowstone Hotspot Track: Death and Rebirth of the Heise Caldera. <i>Journal of Petrology</i> , 2018, 59, 1643-1670.	1.1	5
2123	Petrogenesis of plio-quaternary intra-plate continental alkaline lavas from the Åskenderun Gulf (Southern Turkey): Evidence for metasomatized lithospheric mantle. <i>Chemie Der Erde</i> , 2018, 78, 521-534.	0.8	2
2124	Partial Melting of Lower Oceanic Crust Gabbro: Constraints From Poikilitic Clinopyroxene Primocrysts. <i>Frontiers in Earth Science</i> , 2018, 6, .	0.8	33
2125	Magnesium Isotopes as a Tracer of Crustal Materials in Volcanic Arc Magmas in the Northern Cascade Arc. <i>Frontiers in Earth Science</i> , 2018, 6, .	0.8	16
2126	Petrogenesis and tectonic implications of Late Carboniferous continental arc high-K granites in the Dongwuqi area, central Inner Mongolia, North China. <i>Journal of Asian Earth Sciences</i> , 2018, 167, 82-102.	1.0	21
2127	Olivine compositional changes in primitive magmatic skarn environments: A reassessment of divalent cation partitioning models to quantify the effect of carbonate assimilation. <i>Lithos</i> , 2018, 316-317, 104-121.	0.6	16
2128	Samarium. <i>Encyclopedia of Earth Sciences Series</i> , 2018, , 1321-1322.	0.1	0
2129	Geochemistry of Mesoarchean felsic to ultramafic volcanic rocks of the Lac Guyer area, La Grande Subprovince (Canada): Evidence for plume-related magmatism in a rift setting. <i>Precambrian Research</i> , 2018, 316, 83-102.	1.2	11
2130	Production of High- $\text{Sr}$ Andesite and Dacite Magmas by Melting of Subducting Oceanic Lithosphere at Propagating Slab Tears. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 3698-3728.	1.4	16
2131	Magma Recharge and Reactive Bulk Assimilation in Enclave-Bearing Granitoids, Tonglu, South China. <i>Journal of Petrology</i> , 2018, 59, 795-824.	1.1	12
2132	Near-solidus melts of MORB + 4 wt% H <sub>2</sub> O at 0.8–2.8 GPa applied to issues of subduction magmatism and continent formation. <i>Contributions To Mineralogy and Petrology</i> , 2018, 173, 1.	1.2	38
2133	Late Paleozoic post-collisional setting of the North Tianshan, NW China: New insights from geochronology, geochemistry and $\text{Sr-Nd}$ isotopic compositions of the Permian Nileke volcanic rocks. <i>Lithos</i> , 2018, 318-319, 314-325.	0.6	11
2134	Formation and Evolution of a Magmatic System in a Rifting Continental Margin: Neoproterozoic Arc- and MORB-like Dike Swarms in South China. <i>Journal of Petrology</i> , 2018, 59, 1811-1844.	1.1	50
2135	Petrogenesis of the Rambler Rhyolite Formation: Controls on the Ming VMS Deposit and geodynamic implications for The Taconic Seaway, Newfoundland Appalachians, Canada. <i>Numerische Mathematik</i> , 2018, 318, 640-683.	0.7	10
2136	Middle Neoproterozoic (ca. 760 Ma) arc and back-arc system in the North Lhasa terrane, Tibet, inferred from coeval N-MORB- and arc-type gabbros. <i>Precambrian Research</i> , 2018, 316, 275-290.	1.2	41

#	ARTICLE	IF	CITATIONS
2137	Fractionation process of high-silica magmas through the lens of zircon crystallization: A case study from the Tengchong Block, SW China. <i>Chemical Geology</i> , 2018, 496, 34-42.	1.4	9
2138	Magmatic-tectonic control on the generation of silicic magmas in Iceland: Constraints from Hafnarfjall-Skarðsheiði volcano. <i>Lithos</i> , 2018, 318-319, 326-339.	0.6	11
2139	Parallel Plumbing Systems Feeding a Pair of Coeval Volcanoes in Eastern Australia. <i>Journal of Petrology</i> , 2018, 59, 1035-1066.	1.1	15
2140	Precambrian olistoliths masquerading as sills from Death Valley, California. <i>Journal of the Geological Society</i> , 2018, 175, 377-395.	0.9	6
2141	Calcium and neodymium radiogenic isotopes of igneous rocks: Tracing crustal contributions in felsic magmas related to super-eruptions and continental rifting. <i>Earth and Planetary Science Letters</i> , 2018, 495, 242-250.	1.8	20
2142	The Acoculco Caldera Complex magmas: Genesis, evolution and relation with the Acoculco geothermal system. <i>Journal of Volcanology and Geothermal Research</i> , 2018, 358, 288-306.	0.8	31
2143	The Bangxi-Chenxing tectonic zone in Hainan Island (South China) as the eastern extension of the Song Ma-Ailaoshan zone: Evidence of late Paleozoic and Triassic igneous rocks. <i>Journal of Asian Earth Sciences</i> , 2018, 164, 274-291.	1.0	25
2144	Geochronological, geochemical, and Nd-Hf isotopic constraints on the origin of magmatism in the Dabaoshan ore district of South China. <i>Geological Journal</i> , 2019, 54, 1518-1534.	0.6	2
2145	A slab break-off model for mafic-ultramafic igneous complexes in the East Kunlun Orogenic Belt, northern Tibet: insights from early Palaeozoic accretion related to post-collisional magmatism. <i>International Geology Review</i> , 2019, 61, 1171-1188.	1.1	10
2146	The geochemistry, tectonic and palaeogeographic setting of the Karing Volcanic Complex and the Dusunbaru pluton, an early Permian volcanic-plutonic centre in Sumatra, Indonesia. <i>Journal of Asian Earth Sciences</i> , 2019, 169, 257-283.	1.0	2
2147	Late Cenozoic to Modern-Day Volcanism in the Northern Andes: A Geochronological, Petrographical, and Geochemical Review. <i>Frontiers in Earth Sciences</i> , 2019, , 603-648.	0.1	7
2148	Pyroxene $^{40}\text{Ar}/^{39}\text{Ar}$ Dating of Basalt and Applications to Large Igneous Provinces and Precambrian Stratigraphic Correlations. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 8313-8330.	1.4	11
2149	Source contamination, crustal assimilation, and magmatic recycling during three flare-up events in the Cretaceous Peruvian Coastal Batholith: An example from the Ica-Pisco plutons. <i>Journal of South American Earth Sciences</i> , 2019, 95, 102300.	0.6	6
2150	Petrologia e Geocronologia U-Pb (Shrimp) do Granito Coimbra - Registro do Arco Magmático Amoguijã na Região de Corumbá (MS). <i>Geologia USP - Serie Científica</i> , 2019, 19, 171-192.	0.1	2
2151	Zircon U-Pb age and Hf-O isotope insights into genesis of Permian Tarim felsic rocks, NW China: Implications for crustal melting in response to a mantle plume. <i>Gondwana Research</i> , 2019, 76, 290-302.	3.0	9
2152	Multiple sources of Cretaceous granitoids in northeastern Fujian, coastal area of southeastern China. <i>Journal of Asian Earth Sciences</i> , 2019, 182, 103939.	1.0	16
2153	Identification, classification, and interpretation of boninites from Anthropocene to Eoarchean using Si-Mg-Ti systematics. , 2019, 15, 1008-1037.		121
2154	The great escape: Petrogenesis of low-silica volcanism of Pliocene to Quaternary age associated with the Altiplano-Puna Volcanic Complex of northern Chile ( $21^{\circ}10'\text{E}$ - $22^{\circ}50'\text{S}$ ). <i>Lithos</i> , 2019, 346-347, 105162.	0.6	11



#	ARTICLE	IF	CITATIONS
2155	Generation of the Mt Kinabalu Granite by Crustal Contamination of Intraplate Magma Modelled by Equilibrated Major Element Assimilation with Fractional Crystallization (EME-AFC). <i>Journal of Petrology</i> , 2019, 60, 1461-1487.	1.1	5
2156	Petrogenesis of end-Cretaceous/Early Eocene lamprophyres from the Deccan Large Igneous Province: Constraints on plume-lithosphere interaction and the post-Deccan lithosphere-asthenosphere boundary (LAB) beneath NW India. <i>Lithos</i> , 2019, 346-347, 105139.	0.6	17
2157	Diabase Sills in the Outer Zone of the Emeishan Large Igneous Province, Southwest China: Petrogenesis and Tectonic Implications. <i>Journal of Earth Science (Wuhan, China)</i> , 2019, 30, 739-753.	1.1	4
2158	Hf and Nd Isotopic Constraints on Pre- and Syn- collisional Crustal Thickness of Southern Tibet. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 11038-11054.	1.4	13
2159	Constraints on Trenchward Arc Migration and Backarc Magmatism in the North Patagonian Andes in the Context of Nazca Plate Rollback. <i>Tectonics</i> , 2019, 38, 3794-3817.	1.3	19
2160	Genesis of magmas from the Tres V�rgenes Volcanic Complex, Baja California Sur, Mexico. <i>Lithos</i> , 2019, 350-351, 105240.	0.6	1
2161	The monazite record of pluton assembly: Mapping manaslu using petrochronology. <i>Chemical Geology</i> , 2019, 530, 119309.	1.4	19
2162	Contrasting mineralogical-geochemical compositions of ore-bearing and ore-barren intrusive complexes in the Handan-Xingtai district, North China Craton: Implications for the iron mineralization. <i>Lithos</i> , 2019, 350-351, 105244.	0.6	3
2163	The role of arc migration in Cordilleran orogenic cyclicity. <i>Geology</i> , 2019, 47, 627-631.	2.0	44
2164	Deep open storage and shallow closed transport system for a continental flood basalt sequence revealed with Magma Chamber Simulator. <i>Contributions To Mineralogy and Petrology</i> , 2019, 174, 1.	1.2	25
2165	The Mesoarchean Tonalite-Trondhjemite-Granodiorite Associations of Eastern Sarmatia: Age and Geological Setting. <i>Stratigraphy and Geological Correlation</i> , 2019, 27, 499-513.	0.2	12
2166	Compositional heterogeneity of the 3.4 km <sup>3</sup> Blue Dragon flow, Craters of the Moon Volcanic Field, Idaho. <i>Journal of Volcanology and Geothermal Research</i> , 2019, 388, 106690.	0.8	2
2167	Implications for the origins of Eoarchean ultramafic rocks of the North Atlantic Craton: a study of the Tussaap Ultramafic complex, Itsaq Gneiss complex, southern West Greenland. <i>Contributions To Mineralogy and Petrology</i> , 2019, 174, 1.	1.2	18
2168	Carboniferous Highly Fractionated I�type Granites from the Kalamaili Fault Zone, Eastern Xinjiang, NW China: Petrogenesis and Tectonic Implications. <i>Acta Geologica Sinica</i> , 2019, 93, 1169-1187.	0.8	3
2169	The Early Permian Woniusi Flood Basalts from the Baoshan Terrane, SW China: Petrogenesis and Geodynamic Implications. <i>Acta Geologica Sinica</i> , 2020, 94, 2091-2114.	0.8	3
2170	Gabbros versus granites of the subduction regime of South Sinai, Egypt: discrimination and geochemical modelling. <i>Arabian Journal of Geosciences</i> , 2019, 12, 1.	0.6	2
2171	Luenha picrites, Central Mozambique â€“ Messengers from a mantle plume source of Karoo continental flood basalts?. <i>Lithos</i> , 2019, 346-347, 105152.	0.6	7
2172	Scheelite geochemistry in porphyry-skarn W-Mo systems: A case study from the Gaojiabang Deposit, East China. <i>Ore Geology Reviews</i> , 2019, 113, 103084.	1.1	25

#	ARTICLE	IF	CITATIONS
2173	Early continental crust generated by reworking of basalts variably silicified by seawater. <i>Nature Geoscience</i> , 2019, 12, 769-773.	5.4	45
2174	The Neoproterozoic magmatism in the northern margin of the Yangtze Block: Insights from Neoproterozoic (950–706 Ma) gabbroic-granitoid rocks of the Hannan Complex. <i>Precambrian Research</i> , 2019, 333, 105442.	1.2	19
2175	Mantle Dynamics of the Central Atlantic Magmatic Province (CAMP): Constraints from Platinum Group, Gold and Liphophile Elements in Flood Basalts of Morocco. <i>Journal of Petrology</i> , 2019, 60, 1621-1652.	1.1	23
2176	Transition from Plume-driven to Plate-driven Magmatism in the Evolution of the Main Ethiopian Rift. <i>Journal of Petrology</i> , 2019, 60, 1681-1715.	1.1	4
2177	The Western Amazonia Igneous Belt. <i>Journal of South American Earth Sciences</i> , 2019, 96, 102326.	0.6	19
2178	Geochemistry of Mesozoic volcanic rocks from the Fresnillo area (Chilitos Formation), Zacatecas, Mexico: Implications for the magma source and tectonic setting. <i>Journal of South American Earth Sciences</i> , 2019, 96, 102351.	0.6	7
2179	Geochronology and petrogenesis of the Xiongmei Cu-bearing granodiorite porphyry in North Lhasa subterrane, central Tibet: Implication for the evolution of Bangong-Nujiang metallogenic belt. <i>Ore Geology Reviews</i> , 2019, 114, 103119.	1.1	7
2180	New constraints from Central Chile on the origins of enriched continental compositions in thick-crustal arc magmas. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 267, 51-74.	1.6	20
2181	Magmatic response to the interplay of collisional and accretionary orogenies in the Korean Peninsula: Geochronological, geochemical, and O-Hf isotopic perspectives from Triassic plutons. <i>Bulletin of the Geological Society of America</i> , 2019, 131, 609-634.	1.6	25
2182	The upper crustal magma plumbing system of the Pleistocene Apacheta-Aguilucho Volcanic Complex area (Altiplano-Puna, northern Chile) as inferred from the erupted lavas and their enclaves. <i>Journal of Volcanology and Geothermal Research</i> , 2019, 373, 179-198.	0.8	21
2183	Magmatic evolution and textural development of the 1739 CE Pietre Cotte lava flow, Vulcano, Italy. <i>Journal of Volcanology and Geothermal Research</i> , 2019, 372, 1-23.	0.8	11
2184	Origin of lunar Very High Potassium (VHK) basalts: A combination of endogenous and exogenous processes. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 266, 54-73.	1.6	3
2185	Approach to trace hidden paleo-weathering of basaltic crust through decoupled Mg Sr and Nd isotopes recorded in volcanic rocks. <i>Chemical Geology</i> , 2019, 509, 234-248.	1.4	10
2186	Geochronology of Magmatism and Mineralization in the Dongbulage Mo-Polymetallic Deposit, Northeast China: Implications for the Timing of Mineralization and Ore Genesis. <i>Minerals (Basel)</i> , 2019, 9, 1074.	1.1	4
2187	Petrogenesis of continental flood basalts in eastern Parnaiba basin, Brazil: A singular sill occurrence with low- and high-TiO <sub>2</sub> tholeiites. <i>Journal of South American Earth Sciences</i> , 2019, 94, 102192.	0.6	3
2188	Sources of fluids in Archean hydrothermal stockwork-disseminated gold deposits of Abitibi, Canada: Insights from Duquesne, Dolodau, Lac Shortt and Canadian Malartic. <i>Ore Geology Reviews</i> , 2019, 111, 102975.	1.1	8
2189	Parental Melts and Magma Storage of a Large-volume Dacite Eruption at Vetrovoy Isthmus (Iturup). <i>Journal of Petrology</i> , 2019, 60, 1349-1370.	1.1	4
2190	Quantifying Asthenospheric and Lithospheric Controls on Mafic Magmatism Across North Africa. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 3520-3555.	1.0	26

#	ARTICLE	IF	CITATIONS
2191	Non-Subduction Petrological Mechanisms for the Growth of the Neorarchean Continental Crust of the Kola-Norwegian Terrane, Fennoscandian Shield: Geological and Isotope-Geochemical Evidence. <i>Petrology</i> , 2019, 27, 146-170.	0.2	1
2192	Pleistocene basaltic volcanism in the Krông Nô area and vicinity, Dac Nong Province (Vietnam). <i>Journal of Asian Earth Sciences</i> , 2019, 181, 103903.	1.0	10
2193	The low-Ti high-temperature dacitic volcanism of the southern Paran-Étendeka LIP: Geochemistry, implications for trans-Atlantic correlations and comparison with other Phanerozoic LIPs. <i>Lithos</i> , 2019, 342-343, 187-205.	0.6	8
2194	The tectonic controls on the Paleoproterozoic volcanism and the associated metallogeny in the South Amazonian craton, Brazil: Sr-Nd-Pb isotope constraints. <i>Precambrian Research</i> , 2019, 331, 105354.	1.2	9
2195	The robustness of Sr/Y and La/Yb as proxies for crust thickness in modern arcs. , 2019, 15, 621-641.		47
2196	Slab breakoff beneath the northern Yangtze Block: Implications from the Neoproterozoic Dahongshan mafic intrusions. <i>Lithos</i> , 2019, 342-343, 263-275.	0.6	12
2197	Petrogenesis of high Ba-Sr plutons with high Sr/Y ratios in an intracontinental setting: evidence from Early Cretaceous Fushan monzonites, central North China Craton. <i>Geological Magazine</i> , 2019, 156, 1965-1981.	0.9	9
2198	Crustal contamination and genesis of transitional alkaline-tholeiitic intrusions: Insights from the José Fernandes Suite, Paran-Magmatic Province, Brazil. <i>Lithos</i> , 2019, 342-343, 59-75.	0.6	6
2199	Las Cañas plutonic complex: Geodynamic implications during the Famatinian magmatism in northeast of Sierra de San Luis, Argentina. <i>Journal of South American Earth Sciences</i> , 2019, 93, 313-347.	0.6	9
2200	Role of mantle and lower continental crust in the genesis of Eocene post-collisional granitoids: Insights from the Topuk pluton (NW Turkey). <i>Journal of Asian Earth Sciences</i> , 2019, 179, 365-384.	1.0	12
2201	High-resolution 3D crustal S-wave velocity structure of the Middle-Lower Yangtze River Metallogenic Belt and implications for its deep geodynamic setting. <i>Science China Earth Sciences</i> , 2019, 62, 1361-1378.	2.3	47
2202	Petrogenesis of plagiogranites from the Troodos Ophiolite Complex, Cyprus. <i>Contributions To Mineralogy and Petrology</i> , 2019, 174, 1.	1.2	18
2203	Geochronology and Petrogenesis of Mafic-Intermediate Intrusions on the Northern Margin of the Central Tianshan (NW China): Implications for Tectonic Evolution. <i>Journal of Earth Science (Wuhan)</i> , 2019, 31, 101-110.	0.8	10
2204	Petrogenesis and Geochemical Evolution of Dhauladhar and Dalhousie Granites, NW Himalayas. <i>Journal of the Geological Society of India</i> , 2019, 93, 399-408.	0.5	4
2205	The role of clinopyroxene in amphibole fractionation of arc magmas: Evidence from mafic intrusive rocks within the Gangdese arc, southern Tibet. <i>Lithos</i> , 2019, 338-339, 174-188.	0.6	18
2206	Geology and geochemistry of the Middle Miocene Yağcıoğlu volcanic complex, western Turkey: Wide-rift alkaline volcanism associated with incipient stages of slab tearing. <i>Journal of Asian Earth Sciences</i> , 2019, 179, 112-126.	1.0	5
2207	First Identification of Late Permian Nb-Enriched Basalts in Ailaoshan Region (SW Yunnan, China): Contribution From Emeishan Plume to Subduction of Eastern Paleotethys. <i>Geophysical Research Letters</i> , 2019, 46, 2511-2523.	1.5	35
2208	Late Jurassic magmatism in the interior South China Block and its implication. <i>Journal of the Geological Society</i> , 2019, 176, 737-754.	0.9	13

#	ARTICLE	IF	CITATIONS
2209	Temporal, spatial and geochemical evolution of late Cenozoic post-subduction magmatism in central and eastern Anatolia, Turkey. <i>Lithos</i> , 2019, 336-337, 67-96.	0.6	43
2210	Chemical mass balance equations for open-system magma chamber processes that result in crystal zoning. <i>Journal of Volcanology and Geothermal Research</i> , 2019, 374, 181-196.	0.8	3
2211	Peshtasar basalts: An example of post-collision basalts in sedimentary basin of Moghan, NW Iran. <i>Journal of Earth System Science</i> , 2019, 128, 1.	0.6	3
2212	Paleoproterozoic (2.0–1.97 Ga) subduction-related magmatism on the north-central margin of the Yeongnam Massif, Korean Peninsula, and its tectonic implications for reconstruction of the Columbia supercontinent. <i>Gondwana Research</i> , 2019, 72, 34-53.	3.0	33
2213	Fluid Distribution in the Central Andes Subduction Zone Imaged With Magnetotellurics. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 4017-4034.	1.4	35
2214	Late Cryogenian magmatic activity in the North Lhasa terrane, Tibet: Implication of slab break-off process. <i>Gondwana Research</i> , 2019, 71, 129-149.	3.0	16
2215	Geochemistry and genesis of magmatic Ni-Cu-(PGE) and PGE-(Cu)-(Ni) deposits in China. <i>Ore Geology Reviews</i> , 2019, 107, 863-887.	1.1	36
2216	Mantle Zn Isotopic Heterogeneity Caused by Melt-Rock Reaction: Evidence From Fe-Rich Peridotites and Pyroxenites From the Bohemian Massif, Central Europe. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 3588-3604.	1.4	18
2217	Multi-stage Reactive Formation of Troctolites in Slow-spreading Oceanic Lithosphere (Erro Tobbio,) Tj ETQqO 0 0,rgBT /Overlock 10 T	1.1	24
2218	Role of ancient, ultra-depleted mantle in Mid-Ocean-Ridge magmatism. <i>Earth and Planetary Science Letters</i> , 2019, 511, 89-98.	1.8	44
2219	Oxygen isotope compositions of lavas from the Galapagos archipelago: geochemical contributions from modern crustal sources. <i>Contributions To Mineralogy and Petrology</i> , 2019, 174, 1.	1.2	2
2220	Constructing the Early Mesozoic Gangdese Crust in Southern Tibet by Hornblende-dominated Magmatic Differentiation. <i>Journal of Petrology</i> , 2019, 60, 515-552.	1.1	79
2221	Geochemistry and petrogenesis of Archean mafic rocks from the Amsaga area, West African craton, Mauritania. <i>Precambrian Research</i> , 2019, 324, 208-219.	1.2	4
2222	Early Cretaceous subduction-modified lithosphere beneath the eastern Qinling Orogen revealed from the Daying volcanic sequence in central China. <i>Journal of Asian Earth Sciences</i> , 2019, 176, 209-228.	1.0	5
2223	Petrogenesis and tectonic implications of Late Cretaceous highly fractionated I-type granites from the Qiangtang block, central Tibet. <i>Journal of Asian Earth Sciences</i> , 2019, 176, 337-352.	1.0	23
2224	Petrogenesis of the Solanas gabbro-granodiorite intrusion, S'arrabus (southeastern Sardinia, Italy): implications for Late Variscan magmatism. <i>International Journal of Earth Sciences</i> , 2019, 108, 989-1012.	0.9	10
2225	Evidence of sub-continental lithospheric mantle sources and open-system crystallization processes from in-situ U–Pb ages and Nd–Sr–Hf isotope geochemistry of the Cretaceous ultramafic-alkaline-(carbonatite) intrusions from the Shillong Plateau, north-eastern India. <i>Lithos</i> , 2019, 330-331, 108-119.	0.6	20
2226	Roles of Subducted Pelagic and Terrigenous Sediments in Early Jurassic Mafic Magmatism in NE China: Constraints on the Architecture of Paleopacific Subduction Zone. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 2525-2550.	1.4	52

#	ARTICLE	IF	CITATIONS
2227	Isotopic fractionation of zirconium during magmatic differentiation and the stable isotope composition of the silicate Earth. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 250, 311-323.	1.6	50
2228	Early-Middle Jurassic magmatism and skarn porphyry mineralization in NE China: Geochronological and geochemical constraints from the Sankuanggou skarn Fe-Cu (Mo) deposit, and tectonic implications. <i>Journal of Geochemical Exploration</i> , 2019, 200, 84-103.	1.5	11
2229	Petrological-Geochemical Characteristics of Lavas, Sources and Evolution of Magmatic Melts of the Kazbek Neovolcanic Center (Greater Caucasus). <i>Petrology</i> , 2019, 27, 606-632.	0.2	4
2230	Origin of pyroxenites in the oceanic mantle and their implications on the reactive percolation of depleted melts. <i>Contributions To Mineralogy and Petrology</i> , 2019, 174, 1.	1.2	19
2231	Triassic Granitic Magmatism at the Northern Margin of the North China Craton: Implications of Geochronology and Geochemistry for the Tectonic Evolution of the Central Asian Orogenic Belt. <i>Acta Geologica Sinica</i> , 2019, 93, 1325-1353.	0.8	7
2232	Crystal size distribution (CSD) of plagioclase phenocryst-microphenocryst and the calculation of crystal resident times in the continuous central eruption sequences of Mount Lasem, Central Java, Indonesia. <i>Journal of Physics: Conference Series</i> , 2019, 1363, 012041.	0.3	1
2233	The syncollisional granitoid magmatism and crust growth during the West Qinling Orogeny, China: Insights from the Jiaochangba pluton. <i>Geological Journal</i> , 2019, 54, 4014-4033.	0.6	6
2234	The genesis of arc dacites: the case of Mount St. Helens, WA. <i>Contributions To Mineralogy and Petrology</i> , 2019, 174, 1.	1.2	22
2235	Melt inclusions in phenocrysts track enriched upper mantle source for Cenozoic Tengchong volcanic field, Yunnan Province, SW China. <i>Lithos</i> , 2019, 324-325, 180-201.	0.6	15
2236	Early Cretaceous arc granitoids from the central Lhasa subterrane: Production of the northward subduction of Yarlung Zangbo Neo-Tethyan Ocean?. <i>Geological Journal</i> , 2019, 54, 4001-4013.	0.6	7
2237	Transition from subduction to collision recorded in the Pan-African arc complexes (Mali to Ghana). <i>Precambrian Research</i> , 2019, 320, 261-280.	1.2	22
2238	Petrology and geochemistry of the Yoro-Yangben Pan-African granitoid intrusion in the archaean Adamawa-Yade crust (Sw-Bafia, Cameroon). <i>Journal of African Earth Sciences</i> , 2019, 150, 401-414.	0.9	20
2239	Extensional collapse of the Gondwana orogen: Evidence from Cambrian mafic magmatism in the Trivandrum Block, southern India. <i>Geoscience Frontiers</i> , 2019, 10, 263-284.	4.3	10
2240	<sup>26</sup> Al- <sup>26</sup> Al high-Si rhyolites and granites in the Kursk Domain, Eastern Sarmatia: Petrology and application for the Archaean palaeocontinental correlations. <i>Precambrian Research</i> , 2019, 322, 170-192.	1.2	17
2241	A geochemical and Nd, Sr and stable Ca isotopic study of carbonatites and associated silicate rocks from the ~65 Ma old Ambadongar carbonatite complex and the Phenai Mata igneous complex, Gujarat, India: Implications for crustal contamination, carbonate recycling, hydrothermal alteration and source-mantle mineralogy. <i>Lithos</i> , 2019, 326-327, 572-585.	0.6	35
2242	Meso-Neoproterozoic magmatism and episodic crustal growth in the Kudremukh-Agumbe granite-greenstone belt, western Dharwar Craton, India. <i>Precambrian Research</i> , 2019, 323, 16-54.	1.2	24
2243	Late Paleozoic Accretionary and Collisional Processes along the Southern Peri-Siberian Orogenic System: New Constraints from Amphibolites within the Irtysh Complex of Chinese Altai. <i>Journal of Geology</i> , 2019, 127, 241-262.	0.7	11
2244	Dating agpaitic rocks: A multi-system (U/Pb, Sm/Nd, Rb/Sr and <sup>40</sup> Ar/ <sup>39</sup> Ar) isotopic study of layered nepheline syenites from the Ilímaussaq complex, Greenland. <i>Lithos</i> , 2019, 324-325, 74-88.	0.6	15

#	ARTICLE	IF	CITATIONS
2245	Emplacement and High-Temperature Evolution of Gabbros of the 16.5°N Oceanic Core Complexes (Mid-Atlantic Ridge): Insights Into the Compositional Variability of the Lower Oceanic Crust. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 46-66.	1.0	19
2246	Magma origins and geodynamic implications for the Makran-Chagai arc from geochronology and geochemistry of Bazman volcano, southeastern Iran. <i>Journal of Asian Earth Sciences</i> , 2019, 171, 289-304.	1.0	5
2247	Early Cretaceous bimodal magmatism in the eastern Tethyan Himalayas, Tibet: Indicative of records on precursory continental rifting and initial breakup of eastern Gondwana. <i>Lithos</i> , 2019, 324-325, 699-715.	0.6	15
2248	Differential Fractionation of Rhyolites During the Course of Crustal Extension, Western Afar (Ethiopian Rift). <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 571-593.	1.0	12
2249	Petrogenesis and tectonic implications of Early Cretaceous andesitic-dacitic rocks, western Qinling (Central China): Geochronological and geochemical constraints. <i>Geoscience Frontiers</i> , 2019, 10, 1507-1520.	4.3	8
2250	Effects of melting, subduction-related metasomatism, and sub-solidus equilibration on the distribution of water contents in the mantle beneath the Rio Grande Rift. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 266, 351-381.	1.6	11
2251	Ca. 2.0 Ga mafic dikes in the Kongling Complex, South China: Implications for the reconstruction of Columbia. <i>Journal of Asian Earth Sciences</i> , 2019, 169, 323-335.	1.0	21
2252	Magma-magma interaction in the mantle recorded by megacrysts from Cenozoic basalts in eastern China. <i>International Geology Review</i> , 2019, 61, 675-691.	1.1	11
2253	Geochronology, geochemistry, and petrology of adakitic Pliocene-Quaternary volcanism in the Åžebinkarahisar (Giresun) area, NE Turkey. <i>International Geology Review</i> , 2019, 61, 754-777.	1.1	17
2254	Newly identified 1.89 Ga mafic dyke swarm in the Archean Yilgarn Craton, Western Australia suggests a connection with India. <i>Precambrian Research</i> , 2019, 329, 156-169.	1.2	27
2255	U-Pb zircon dating, Sr-Nd isotope and petrogenesis of Sarduiyeh granitoid in SE of the UDMA, Iran: implication for the source origin and magmatic evolution. <i>International Geology Review</i> , 2020, 62, 1796-1814.	1.1	10
2256	Whole-rock geochemical modelling of granite genesis: the current state of play. <i>Geological Society Special Publication</i> , 2020, 491, 267-291.	0.8	16
2257	Geochemical and Sr-Nd isotopic constraints on the genesis of the Soheyle-PaKuh granitoid rocks (central Urumieh-Dokhtar magmatic belt, Iran). <i>International Geology Review</i> , 2020, 62, 1769-1795.	1.1	8
2258	SHRIMP U-Pb zircon geochronology and Hf isotope analyses of Middle Permian-early triassic intrusions in southern Manzhouli area, Northeast China: implications for the subduction of Mongol-Okhotsk plate beneath the Erguna massif. <i>International Geology Review</i> , 2020, 62, 549-567.	1.1	14
2259	Geochemistry and zircon U-Pb geochronology of Miocene plutons in the Urumieh-Dokhtar magmatic arc, east Tafresh, Central Iran. <i>International Geology Review</i> , 2020, 62, 1815-1827.	1.1	8
2260	Magnesium isotopic systematics of the Makran arc magmas, Iran: Implications for crust-mantle Mg isotopic balance. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 278, 110-121.	1.6	18
2261	Assimilation of the mafic-ultramafic magma: A case study of diabase dyke at the Beidaihe, North China Craton. <i>Geological Journal</i> , 2020, 55, 4112-4127.	0.6	0
2262	Evidence for southward subduction of the Mongol-Okhotsk oceanic plate: Implications from Mesozoic adakitic lavas from Mongolia. <i>Gondwana Research</i> , 2020, 79, 140-156.	3.0	33

#	ARTICLE	IF	CITATIONS
2263	Petrogenesis of granitoids from the Lachlan Fold Belt, southeastern Australia: The role of disequilibrium melting. <i>Gondwana Research</i> , 2020, 79, 87-109.	3.0	13
2264	A phase equilibrium investigation of selected source controls on the composition of melt batches generated by sequential melting of an average metapelite. <i>Geological Society Special Publication</i> , 2020, 491, 223-241.	0.8	10
2265	Geochronology and geochemistry of the Late Devonian–Early Carboniferous volcanic rocks in Aksu River area, western end of the East Kunlun Orogen. <i>Geological Journal</i> , 2020, 55, 2881-2901.	0.6	11
2266	Early Palaeozoic arc-related gabbro-diorite suite in East Junggar, southern Central Asian Orogenic Belt: petrogenesis and tectonic implications. <i>International Geology Review</i> , 2020, 62, 1205-1223.	1.1	16
2267	Zircon U–Pb geochronology, mineral and whole-rock geochemistry of the Khardung volcanics, Ladakh Himalaya, India: Implications for Late Cretaceous to Palaeogene continental arc magmatism. <i>Geological Journal</i> , 2020, 55, 3297-3320.	0.6	15
2268	Eocene I-type magmatism in the Eastern Pontides, NE Turkey: insights into magma genesis and magma-tectonic evolution from whole-rock geochemistry, geochronology and isotope systematics. <i>International Geology Review</i> , 2020, 62, 1406-1432.	1.1	19
2269	The Ålgiden Ni-Cu-Au deposit: magmatic sulfides in a subduction setting. <i>Mineralium Deposita</i> , 2020, 55, 1173-1196.	1.7	4
2270	Looking beneath the Stawell and Bendigo zones in Victoria, Australia: a view through the granite window. <i>Australian Journal of Earth Sciences</i> , 2020, 67, 175-200.	0.4	9
2271	Influence of the subduction of the Pacific plate on the mantle characteristics of South China: Constraints from the temporal geochemical evolution of the Mesozoic basalts in the Jitai Basin. <i>Lithos</i> , 2020, 352-353, 105253.	0.6	11
2272	Geochemical and isotopic constraints on the evolution of magma plumbing system at Damavand Volcano, N Iran. <i>Lithos</i> , 2020, 354-355, 105274.	0.6	2
2273	Picrites of the Jungfrau and Sargdeckel, central Namibia: Relative roles of mantle and crust in the Southern Etendeka large igneous province. <i>Lithos</i> , 2020, 354-355, 105283.	0.6	3
2274	Butcher Ridge igneous complex: A glassy layered silicic magma distribution center in the Ferrar large igneous province, Antarctica. <i>Bulletin of the Geological Society of America</i> , 2020, 132, 1201-1216.	1.6	3
2275	Geochemical evolution of the Quaternary Chachimbiro Volcanic Complex (frontal volcanic arc of the Tj ETQq0 0 0 rgBTj/Overlock 10 Tf 50 2	0.6	2
2276	Hornblende as a tool for assessing mineral-melt equilibrium and recognition of crystal accumulation. <i>American Mineralogist</i> , 2020, 105, 77-91.	0.9	22
2277	Volcanic–plutonic connection and associated Au–Cu mineralization of the Tulasu ore district, Western Tianshan, NW China: Implications for mineralization potential in Palaeozoic arc terranes. <i>Geological Journal</i> , 2020, 55, 2318-2341.	0.6	13
2278	Genetic links between granitic and related dioritic rocks in Liaodong Peninsula, China: Sr–Nd–Hf–O isotopic evidence. <i>Lithos</i> , 2020, 356-357, 105368.	0.6	6
2279	Origin of Triassic mafic magmatism in the North Qiangtang terrane, central Tibetan Plateau: implications for the development of a continental back-arc basin. <i>Journal of the Geological Society</i> , 2020, 177, 826-842.	0.9	3
2280	Grenville-age orogenic event along the northeastern margin of the Quanji massif, NW China: constraints from ~1.1 Ga migmatite. <i>Geosciences Journal</i> , 2020, 24, 249-266.	0.6	5

#	ARTICLE	IF	CITATIONS
2281	Origin of Devonian mafic magmatism in the East Kunlun orogenic belt, northern Tibetan Plateau: implications for continental exhumation. <i>Geological Magazine</i> , 2020, 157, 1265-1280.	0.9	8
2282	Orosirian magmatism in the Tapaj�s Mineral Province (Amazonian Craton): The missing link to understand the onset of Paleoproterozoic tectonics. <i>Lithos</i> , 2020, 356-357, 105350.	0.6	7
2283	Generation of calc-alkaline andesite magma through crustal melting induced by emplacement of mantle-derived water-rich primary magma: Evidence from Rishiri Volcano, southern Kuril Arc. <i>Lithos</i> , 2020, 354-355, 105362.	0.6	10
2284	Evolution of mantle melts intruding the lowermost continental crust: constraints from the Monte Capio�Alpe Cevia mafic�ultramafic sequences (Ivrea�Verbanese Zone, northern Italy). <i>Contributions To Mineralogy and Petrology</i> , 2020, 175, 1.	1.2	10
2285	Repeated magmatic buildup and deep �hot zones�in continental evolution: The Cadomian crust of Iran. <i>Earth and Planetary Science Letters</i> , 2020, 531, 115989.	1.8	32
2286	Weakly fractionated I-type granitoids and their relationship to tungsten mineralization: A case study from the early Paleozoic Shangmushui deposit, Dayaoshan area, South China. <i>Ore Geology Reviews</i> , 2020, 117, 103281.	1.1	11
2287	Chemical geodynamics of mafic magmatism above subduction zones. <i>Journal of Asian Earth Sciences</i> , 2020, 194, 104185.	1.0	92
2288	Multiple mantle melting events for two overlapping ca. 2.21-2.18 Ga mafic dyke swarms in the Dharwar craton, India. <i>International Geology Review</i> , 2021, 63, 2166-2191.	1.1	11
2289	Feedback of Slab Distortion on Volcanic Arc Evolution: Geochemical Perspective From Late Cenozoic Volcanism in SW Japan. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB019143.	1.4	5
2290	Diagnosing open-system magmatic processes using the Magma Chamber Simulator (MCS): part II�trace elements and isotopes. <i>Contributions To Mineralogy and Petrology</i> , 2020, 175, 1.	1.2	28
2291	A review of the lattice strain and electrostatic effects on trace element partitioning between clinopyroxene and melt: Applications to magmatic systems saturated with Tschermak-rich clinopyroxenes. <i>Earth-Science Reviews</i> , 2020, 210, 103351.	4.0	12
2292	Controls of mantle source and condition of melt extraction on generation of the picritic lavas from the Emeishan large igneous province, SW China. <i>Journal of Asian Earth Sciences</i> , 2020, 203, 104534.	1.0	7
2293	Diagnosing open-system magmatic processes using the Magma Chamber Simulator (MCS): part I�major elements and phase equilibria. <i>Contributions To Mineralogy and Petrology</i> , 2020, 175, 1.	1.2	49
2294	Mineral Chemistry, S-Pb-O Isotopes, and S/Se Ratios of the Niubiziliang Ni-(Cu) Sulfide Deposit in North Qaidam Orogenic Belt, NW China: Constraints on the Parental Magma Composition, Evolution, and Sulfur Saturation Mechanism. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 837.	0.8	4
2295	Petrogenesis of the Neoproterozoic low-�18O granitoids at the western margin of the Yangtze Block in South China. <i>Precambrian Research</i> , 2020, 351, 105953.	1.2	11
2296	The Deccan Volcanic Province (DVP), India: A Review. <i>Journal of the Geological Society of India</i> , 2020, 96, 9-35.	0.5	28
2297	Geochronology and geochemistry of exotic blocks of Cadomian crust from the salt diapirs of SE Zagros: the Chah-Banu example. <i>International Geology Review</i> , 2022, 64, 1409-1430.	1.1	8
2298	U�Pb zircon geochronology, geochemistry, and Sr�Nd�Hf�O isotopic study of Middle Neoproterozoic magmatic rocks in the Kangdian Rift, South China: Slab rollback and backarc extension at the northwestern edge of the Rodinia. <i>Precambrian Research</i> , 2020, 347, 105863.	1.2	18



#	ARTICLE	IF	CITATIONS
2299	Isotopic mapping reveals the location of crustal fragments along a long-lived convergent plate boundary. <i>Lithos</i> , 2020, 372-373, 105687.	0.6	3
2300	The Survival of Mafic Magmatic Enclaves and the Timing of Magma Recharge. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087186.	1.5	14
2301	Petrographic, geochemical, and isotopic evidence of crustal assimilation processes in the Indai-Il kimberlite, Alto Paranaíba Province, southeast Brazil. <i>Canadian Mineralogist</i> , 2020, 58, 563-585.	0.3	6
2302	Zircon U-Pb Geochronology, Geochemistry and Geological Significance of the Anisian Alkaline Basalts in Gejiu District, Yunnan Province. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 1030.	0.8	3
2303	The Yanshanian (Mesozoic) metallogensis in China linked to crust-mantle interaction in the western Pacific margin: An overview from the Zhejiang Province. <i>Gondwana Research</i> , 2022, 102, 95-132.	3.0	7
2304	Geochemical evidences for quantifying crustal thickness over time in the Urumieh-Dokhtar magmatic arc (Iran). <i>Lithos</i> , 2020, 374-375, 105723.	0.6	15
2305	Reply to comment on "Jurassic igneous rocks of the central Sanandaj-Sirjan zone (Iran) mark a propagating continental rift, not a magmatic arc (Azizi and Stern, <i>Terra Nova</i> , 31(5), 415-423, 2019)". <i>Terra Nova</i> , 2020, 32, 473-475.	0.9	3
2306	Geochemical constraints on the origin of Early Cretaceous alkaline intrusions and its tectonic implication, Sulu Orogenic Belt, Eastern North China Craton. <i>Acta Geochimica</i> , 2020, 39, 616-641.	0.7	3
2307	The Deccan Volcanic Province (DVP), India: A Review. <i>Journal of the Geological Society of India</i> , 2020, 96, 111-147.	0.5	13
2308	Do Supercontinent-Superplume Cycles Control the Growth and Evolution of Continental Crust?. <i>Journal of Earth Science (Wuhan, China)</i> , 2020, 31, 1142-1169.	1.1	11
2309	Linking magmatic processes and magma chemistry during the post-glacial to recent explosive eruptions of Ubinas volcano (southern Peru). <i>Journal of Volcanology and Geothermal Research</i> , 2020, 407, 107095.	0.8	6
2310	Magma Reservoir Formation and Evolution at a Slow-Spreading Center (Atlantis Bank, Southwest) <i>Tj ETQq1 1 0.784314 rgBT/Overlook</i>	0.8	21
2311	Early Mesozoic magmatism and tectonic evolution of the Qinling Orogen: Implications for oblique continental collision. <i>Gondwana Research</i> , 2020, 88, 296-332.	3.0	32
2312	The role of subduction erosion in the generation of Andean and other convergent plate boundary arc magmas, the continental crust and mantle. <i>Gondwana Research</i> , 2020, 88, 220-249.	3.0	27
2313	U-Pb and Hf isotopes in granitoids from the Eastern Bolivian basement: Insights into the Paleoproterozoic evolution of the western part of South America. <i>Journal of South American Earth Sciences</i> , 2020, 104, 102806.	0.6	6
2314	A precise geochemical volcano-stratigraphy of the Deccan traps. <i>Lithos</i> , 2020, 376-377, 105754.	0.6	16
2315	The Southeastern Saurashtra dyke swarm, Deccan Traps: Magmatic evolution of a tholeiitic basalt-basaltic andesite-andesite-rhyolite suite. <i>Lithos</i> , 2020, 376-377, 105759.	0.6	11
2316	Slab roll-back triggered back-arc extension south of the Paleo-Asian Ocean: Insights from Devonian MORB-like diabase dykes from the Chinese Altai. <i>Lithos</i> , 2020, 376-377, 105790.	0.6	5

#	ARTICLE	IF	CITATIONS
2317	The timing of sulfide segregation in a Variscan synorogenic gabbroic layered intrusion (Beja), Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 747 103767.	1.1	12
2318	The Early Silurian Gabbro in the Eastern Kunlun Orogenic Belt, Northeast Tibet: Constraints on the Proto-Tethyan Ocean Closure. <i>Minerals</i> (Basel, Switzerland), 2020, 10, 794.	0.8	5
2319	Geochemical description and sulfur isotope data for Shahrak intrusive body and related Feâ€mineralization (east Takab), northwest Iran. <i>Island Arc</i> , 2020, 29, e12367.	0.5	6
2320	Origins of Major Element, Trace Element, and Isotope Garnet Signatures in Midâ€Ocean Ridge Basalts. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2020JB019612.	1.4	10
2321	Petrogenesis of the Late Oligocene Takht batholith, Southeastern Iran: Implications for the Diachronous Nature of the Arabiaâ€Eurasia Collision. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	4
2322	A Fractional Crystallization Link between Komatiites, Basalts, and Dunites of the Palaeoproterozoic Winnipegosis Komatiite Belt, Manitoba, Canada. <i>Journal of Petrology</i> , 2020, 61, .	1.1	13
2323	Early-Stage Melt-Rock Reaction in a Cooling Crystal Mush Beneath a Slow-Spreading Mid-Ocean Ridge (IODP Hole U1473A, Atlantis Bank, Southwest Indian Ridge). <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	19
2324	Oâ€Hâ€Srâ€Nd isotope constraints on the origin of the Famatinian magmatic arc, NW Argentina. <i>Geological Magazine</i> , 2020, 157, 2067-2080.	0.9	8
2325	A new concept for the genesis of felsic magma: the separation of slab-derived supercritical liquid. <i>Scientific Reports</i> , 2020, 10, 8698.	1.6	12
2326	Upper crustal differentiation processes and their role in <sup>238</sup> U- <sup>230</sup> Th disequilibria at the San Pedro-Linzor volcanic chain (Central Andes). <i>Journal of South American Earth Sciences</i> , 2020, 102, 102672.	0.6	5
2327	Isotopic clues tracking the open-system evolution of the Ponte Nova mafic-ultramafic alkaline massif, SE Brazil: The contribution of Pb isotopes. <i>Chemie Der Erde</i> , 2020, 80, 125648.	0.8	4
2328	Calcium isotopes in high-temperature terrestrial processes. <i>Chemical Geology</i> , 2020, 548, 119651.	1.4	40
2329	U-Pb zircon geochronology and geochemical constraints on the Ediacaran continental arc and post-collision Granites of Wadi Hawashiya, North Eastern Desert, Egypt: Insights into the ~600ÂMa crust-forming Event in the northernmost part of Arabian-Nubian Shield. <i>Precambrian Research</i> , 2020, 345, 105777.	1.2	20
2330	Geochemical and isotopic compositions of East Rift lavas from the Manus Basin: Implications for the origin of subduction components. <i>Geological Journal</i> , 2020, 55, 7429-7442.	0.6	1
2331	Distinct evolution history of magmatic oxygen fugacity and its control on associated porphyry Cu deposits under subduction and collisional settings. <i>Geological Journal</i> , 2020, 55, 7101-7113.	0.6	2
2332	Ultrapotassic magmatism in the heyday of the Variscan Orogeny: the story of the TÅ™ebÃ•Pluton, the largest durbachitic body in the Bohemian Massif. <i>International Journal of Earth Sciences</i> , 2020, 109, 1767-1810.	0.9	30
2333	Petrology and geochemistry of the Tchabal Mbabo volcano in Cameroon volcanic line (Cameroon,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 103832.	0.9	5
2334	Changing Mantle Sources and the Effects of Crustal Passage on the Steens Basalt, SE Oregon: Chemical and Isotopic Constraints. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2020GC008910.	1.0	10

#	ARTICLE	IF	CITATIONS
2335	Late Paleoproterozoic to Early Mesoproterozoic Mafic Magmatism in the SW Yangtze Block: Mantle Plumes Associated With Nuna Breakup?. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB019260.	1.4	17
2336	<sup>40</sup> Ar/ <sup>39</sup> Ar geochronology and petrogenesis of the Sierra de San Miguelito Volcanic Complex, Mesa Central, Mexico. <i>Lithos</i> , 2020, 370-371, 105613.	0.6	7
2337	Recycling of K-feldspar antecrysts in the Baishiya porphyritic granodiorite, East Kunlun orogenic belt, northern Tibet Plateau: Implications for magma differentiation in a crystal mush reservoir. <i>Lithos</i> , 2020, 402-403, 105622.	0.6	6
2338	Amphibole and whole-rock geochemistry of early Late Jurassic diorites, Central Tibet: Implications for petrogenesis and geodynamic processes. <i>Lithos</i> , 2020, 370-371, 105644.	0.6	2
2339	Oxygen Isotope Fractionation between Phenocrysts and Melt: Equilibrium Estimation for the Alkaline Lavas of Changbaishan Volcano (Northeast China). <i>Petrology</i> , 2020, 28, 287-300.	0.2	3
2340	Aillikites and Alkali Ultramafic Lamprophyres of the Beloziminsky Alkaline Ultrabasic-Carbonatite Massif: Possible Origin and Relations with Ore Deposits. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 404.	0.8	13
2341	Geochemical and Sr- <sup>87</sup> Sr/ <sup>86</sup> Sr, Nd- <sup>143</sup> Nd/ <sup>142</sup> Nd, Pb isotopic constraints on the origin and petrogenesis of Paleozoic lamproites in the southern Yangtze Block, South China. <i>Contributions To Mineralogy and Petrology</i> , 2020, 175, 1.	1.2	9
2342	Geology, geochemistry and Sr Nd isotopes of the Rio Branco Suite, Nova Brasil- <sup>2</sup> ndia belt in southwest of the Amazon Craton: Evidence of a Rodinia pre-assembly accretionary phase (ca. 1137 and 1106- <sup>2</sup> Ma) during the evolution of the Nova Brasil- <sup>2</sup> ndia orogeny. <i>Lithos</i> , 2020, 372-373, 105651.	0.6	5
2343	Geochemical and isotopic constraints on the host rocks of the magmatic-hydrothermal Coringa gold-silver (Cu- <sup>63</sup> Cu/ <sup>65</sup> Cu, Pb- <sup>206</sup> Pb/ <sup>207</sup> Pb, Zn) deposit of the Tapaj- <sup>3</sup> s mineral province, amazonian craton, Brazil. <i>Journal of South American Earth Sciences</i> , 2020, 103, 102726.	0.6	5
2344	<sup>28</sup> Al- <sup>17</sup> O/ <sup>27</sup> Al history of the Jiao-Liao-Ji Belt of the North China Craton from the geochronology and geochemistry of mafic Liaohe meta-igneous rocks. <i>Gondwana Research</i> , 2020, 85, 55-75.	3.0	9
2345	Volatiles in lunar felsite clasts: Impact-related delivery of hydrous material to an ancient dry lunar crust. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 276, 299-326.	1.6	11
2346	Petrogenesis of ca. 830- <sup>2</sup> Ma Lushan bimodal volcanic rocks at the southeastern margin of the Yangtze Block, South China: Implications for asthenospheric upwelling and reworking of juvenile crust. <i>Precambrian Research</i> , 2020, 342, 105673.	1.2	11
2347	Petrogenesis of the Low-TiO <sub>2</sub> Batalha Suite in the eastern Parna- <sup>2</sup> ba basin, northeastern Brazil. <i>International Journal of Earth Sciences</i> , 2020, 109, 785-807.	0.9	3
2348	Geochemistry and isotopic geology of the Lagoa Seca gold deposit in the Andorinhas greenstone-belt, Caraj- <sup>3</sup> s Province, Brazil. <i>Journal of South American Earth Sciences</i> , 2020, 99, 102523.	0.6	4
2349	Elemental and Sr- <sup>87</sup> Sr/ <sup>86</sup> Sr, Nd- <sup>143</sup> Nd/ <sup>142</sup> Nd, Pb isotopic compositions, and K- <sup>40</sup> K/ <sup>39</sup> K ages of transitional and alkaline plateau basalts from the eastern edge of the West Cameroon Highlands (Cameroon Volcanic Line). <i>Lithos</i> , 2020, 358-359, 105414.	0.6	6
2350	Generation of a potassic to ultrapotassic alkaline complex in a syn-collisional setting through flat subduction: Constraints on magma sources and processes (Otjimbingwe alkaline complex, Damara) <i>Tj ETQq1 1 0.784314 rgBT /Overl</i>	0.8	0
2351	Geochemistry, geochronology and petrogenesis of Maya Block granitoids and dykes from the Chicxulub Impact Crater, Gulf of M- <sup>2</sup> xico: Implications for the assembly of Pangea. <i>Gondwana Research</i> , 2020, 82, 128-150.	3.0	26
2352	Geochemical modelling of granitoid magma diversity at Capo Vaticano Promontory (Serre Batholith,) <i>Tj ETQq1 1 0.784314 rgBT /Overl</i>	0.8	0

#	ARTICLE	IF	CITATIONS
2353	The history of Cenozoic magmatism and collision in NW New Guinea – New insights into the tectonic evolution of the northernmost margin of the Australian Plate. <i>Gondwana Research</i> , 2020, 82, 12-38.	3.0	14
2354	Anatomy of the magmatic plumbing system of Los Humeros Caldera (Mexico): implications for geothermal systems. <i>Solid Earth</i> , 2020, 11, 125-159.	1.2	48
2355	Two distinct crustal sources for Late Neoproterozoic granitic magmatism across the Sierra Ballena Shear Zone, Dom Feliciano Belt, Uruguay: Whole-rock geochemistry, zircon geochronology and Sr-Nd-Hf isotope evidence. <i>Precambrian Research</i> , 2020, 341, 105625.	1.2	21
2356	Cambro-Ordovician magmatism in the Delamerian orogeny: Implications for tectonic development of the southern Gondwanan margin. <i>Gondwana Research</i> , 2020, 81, 490-521.	3.0	27
2357	Geochemical constraints on Eocene–Miocene geodynamic and magmatic evolution of the Varan-Naragh area, Urumieh-Dokhtar Magmatic Arc, Iran. <i>Canadian Journal of Earth Sciences</i> , 2020, 57, 1048-1065.	0.6	1
2358	The complex tectonic evolution of the craton-adjacent northern margin of the Palaeoproterozoic Ketilidian Orogen, southeastern Greenland: Evidence from the geochemistry of mafic to intermediate and granitic intrusions. <i>Lithos</i> , 2020, 358-359, 105384.	0.6	5
2359	Petrochemical and isotopic evidences for multiple sources involving in the generation of post-collisional granitoid complex: A case study of the Mangling complex from the eastern Qinling orogen, China. <i>Lithos</i> , 2020, 356-357, 105377.	0.6	4
2360	Petrogenetic study of the Lonco Trapial volcanism and its comparison with the Early-Middle Jurassic magmatic units from northern Patagonia. <i>Journal of South American Earth Sciences</i> , 2020, 101, 102624.	0.6	9
2361	A Triassic to Jurassic arc in north Borneo: Geochronology, geochemistry, and genesis of the Segama Valley Felsic Intrusions and the Sabah ophiolite. <i>Gondwana Research</i> , 2020, 84, 229-244.	3.0	41
2362	Triassic magmatism in the European Southern Alps as an early phase of Pangea break-up. <i>Geological Magazine</i> , 2020, 157, 1800-1822.	0.9	18
2363	Tholeiitic- and boninite-series metabasites of the Nová Mlýnská Dome, Bohemian Massif: petrogenesis and tectonic significance. <i>International Journal of Earth Sciences</i> , 2020, 109, 1247-1271.	0.9	3
2364	Metallogenesis and major challenges of porphyry copper systems above subduction zones. <i>Science China Earth Sciences</i> , 2020, 63, 899-918.	2.3	32
2365	Mantle heterogeneity through Zn systematics in oceanic basalts: Evidence for a deep carbon cycling. <i>Earth-Science Reviews</i> , 2020, 205, 103174.	4.0	44
2366	The genesis of felsic magmatism during the closure of the Northeastern Paleo-Tethys Ocean: Evidence from the Heri batholith in West Qinling, China. <i>Gondwana Research</i> , 2020, 84, 38-51.	3.0	19
2367	Sr–Pb isotopes signature of Lascar volcano (Chile): Insight into contamination of arc magmas ascending through a thick continental crust. <i>Journal of South American Earth Sciences</i> , 2020, 101, 102599.	0.6	7
2368	Multiple processes in the genesis of the Pohorje igneous complex: Evidence from petrology and geochemistry. <i>Lithos</i> , 2020, 364-365, 105512.	0.6	5
2369	Evidence for Silicate–Liquid Immiscibility in Monzonites and Petrogenesis of Associated Fe–Ti–P-rich rocks: Example from the Raftsund Intrusion, Lofoten, Northern Norway. <i>Journal of Petrology</i> , 2020, 61, .	1.1	13
2370	Evolution of Late Cretaceous to Palaeogene basalt–andesite–dacite–rhyolite volcanic suites along the northern margin of the Ladakh magmatic arc, NW Himalaya, India. <i>Journal of Earth System Science</i> , 2020, 129, 1.	0.6	5

#	ARTICLE	IF	CITATIONS
2371	Late Carboniferous crustal evolution of the Chinese Central Tianshan microcontinent: Insights from zircon U–Pb and Hf isotopes of granites. <i>Geological Journal</i> , 2020, 55, 1947-1963.	0.6	4
2372	Petrogenesis and the evolution of Pliocene Timar basalts in the east of Lake Van, Eastern Anatolia, Turkey: A consequence of the partial melting of a metasomatized spinel–rich lithospheric mantle source. <i>Journal of African Earth Sciences</i> , 2020, 168, 103844.	0.9	4
2373	Neotethyan Subduction Ignited the Iran Arc and Backarc Differently. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB018460.	1.4	21
2374	Petrogenesis of the early Permian A-type granites in the Halajun region, southwest Tianshan, western Xinjiang, NW China: implications for geodynamics of Tarim large igneous province. <i>International Geology Review</i> , 2021, 63, 1110-1131.	1.1	4
2375	Intermittent subduction of the Paleo-Tethys Ocean in the middle–late Permian: evidence from the mafic–intermediate intrusive rocks in the East Kunlun Orogenic Belt. <i>Australian Journal of Earth Sciences</i> , 2021, 68, 229-244.	0.4	3
2376	Incompatible element-enriched mantle lithosphere beneath kimberlitic pipes in Priazovie, Ukrainian shield: volatile-enriched focused melt flow and connection to mature crust?. <i>International Geology Review</i> , 2021, 63, 1288-1309.	1.1	4
2377	A new perspective on Cenozoic calc-alkaline and shoshonitic volcanic rocks, eastern Saveh (central) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.1	16
2378	Rhyolites in continental mafic Large Igneous Provinces: Petrology, geochemistry and petrogenesis. <i>Geoscience Frontiers</i> , 2021, 12, 53-80.	4.3	18
2379	Geochemical evolution of the Late Carboniferous to Early Permian igneous rocks from the Baolidao magmatic belt, eastern Central Asian Orogenic Belt. <i>Geological Journal</i> , 2021, 56, 18-45.	0.6	5
2380	PetroGram: An excel-based petrology program for modeling of magmatic processes. <i>Geoscience Frontiers</i> , 2021, 12, 81-92.	4.3	35
2381	Evidence for Multi-stage Melt Transport in the Lower Ocean Crust: the Atlantis Bank Gabbroic Massif (IODP Hole U1473A, SW Indian Ridge). <i>Journal of Petrology</i> , 2021, 61, .	1.1	19
2382	Pyroxenite Xenoliths Record Complex Melt Impregnation in the Deep Lithosphere of the Northwestern North China Craton. <i>Journal of Petrology</i> , 2021, 62, .	1.1	9
2383	U–Pb zircon ages and petrogenesis of the Late Cretaceous I-type granitoids in arc setting, Eastern Pontides, NE Turkey. <i>Journal of African Earth Sciences</i> , 2021, 174, 104040.	0.9	16
2384	A Mg Isotopic Perspective on the Mobility of Magnesium During Serpentinization and Carbonation of the Oman Ophiolite. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB020237.	1.4	19
2385	Geochemistry and petrogenesis of Quaternary volcanic rocks from Ulleung Island, South Korea. <i>Lithos</i> , 2021, 380-381, 105874.	0.6	5
2386	Neoproterozoic metasomatized mantle beneath the western Yangtze Block, South China: Evidence from whole-rock geochemistry and zircon U-Pb-Hf isotopes of mafic rocks. <i>Journal of Asian Earth Sciences</i> , 2021, 206, 104616.	1.0	19
2387	Geochemistry of the Adwa – Yeha felsic plugs and domes, Tigray – Northern Ethiopia: Implications to their petrogenesis and tectonic setting. <i>Journal of African Earth Sciences</i> , 2021, 174, 104075.	0.9	0
2388	Petrogenesis of Silurian ultramafic–mafic plutons in southern Jiangxi: implications for the Wuyi–Yunkai orogen, South China. <i>Geological Magazine</i> , 2021, 158, 1237-1252.	0.9	2

#	ARTICLE	IF	CITATIONS
2389	Potassium isotopic evidence for sedimentary input to the mantle source of Lesser Antilles lavas. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 295, 98-111.	1.6	39
2390	Tin Enrichment in Magmatic-Hydrothermal Environments Associated with Cassiterite Mineralization at Ardlethan, Eastern Australia: Insights from Rb-Sr and Sm-Nd Isotope Compositions in Tourmaline. <i>Economic Geology</i> , 2021, 116, 147-167.	1.8	7
2391	Formation of crystal-rich, mixed, intermediate lavas at Pouakai Volcano and the evolution of the Taranaki volcanic lineament, western North Island, New Zealand. <i>Lithos</i> , 2021, 380-381, 105850.	0.6	2
2392	Petrology and geochemistry of the Deccan basalts from the KBH-7 borehole, Koyna Seismic Zone (Western Ghats, India): Implications for nature of crustal contamination and sulfide saturation of magma. <i>Lithos</i> , 2021, 380-381, 105864.	0.6	4
2393	A review of research on adakites. <i>International Geology Review</i> , 2021, 63, 47-64.	1.1	29
2394	Geology, geochronology and geochemistry of the Miocene Sulutas volcanic complex, Konya-Central Anatolia: genesis of orogenic and anorogenic rock associations in an extensional geodynamic setting. <i>International Geology Review</i> , 2021, 63, 161-192.	1.1	9
2395	Early Neoproterozoic granitic gneisses in the Amdo micro-continent, Tibet: petrogenesis and geodynamic implications. <i>International Geology Review</i> , 2021, 63, 342-356.	1.1	8
2396	Geochronology, geochemistry and geological significance of the Early Devonian bimodal intrusive rocks in Wulonggou area, East Kunlun Orogen. <i>Acta Petrologica Sinica</i> , 2021, 37, 2007-2028.	0.3	5
2397	Shear-assisted water-fluxed melting and AFC processes in the foreland of the Early Paleozoic Famatinian orogen: petrogenesis of leucogranites and pegmatites from the Sierras de Córdoba, Argentina. <i>International Journal of Earth Sciences</i> , 2021, 110, 2495-2517.	0.9	0
2398	Mixing of cogenetic magmas in the Cretaceous Zhangzhou calc-alkaline granite from southeast China recorded by in-situ apatite geochemistry. <i>American Mineralogist</i> , 2021, 106, 1679-1689.	0.9	12
2399	Structure, Rheology, Petrology, and Geodynamics of the Tectonosphere of the Sea of Japan. <i>Oceanology</i> , 2021, 61, 104-118.	0.3	1
2400	Open-system magmatic evolution and crystallization conditions of the Ediacaran shoshonitic rocks from the São João do Sabugi Pluton, Borborema Province, NE Brazil. <i>Brazilian Journal of Geology</i> , 2021, 51, .	0.3	0
2401	What is Magma Mixing?. <i>Advances in Volcanology</i> , 2021, , 3-12.	0.7	0
2402	The Paleozoic-Mesozoic magmatic-tectonic activities and their geological implications in the Zhangjiakou-Xuanhua district, northern margin of the North China Craton. <i>Acta Petrologica Sinica</i> , 2021, 37, 1619-1652.	0.3	5
2403	The Rustenburg Layered Suite formed as a stack of mush with transient magma chambers. <i>Nature Communications</i> , 2021, 12, 505.	5.8	33
2404	Tectonic setting and formation of the Setouchi volcanic rocks in the western Seto Inland Sea, Japan. <i>Island Arc</i> , 2021, 30, e12405.	0.5	8
2405	Middle Neoproterozoic (ca. 700 Ma) tectonothermal events in the Lhasa terrane, Tibet: Implications for paleogeography. <i>Gondwana Research</i> , 2022, 104, 252-264.	3.0	10
2406	The importance of sequential partial melting and fractional crystallization in the generation of syn-D3 Variscan two-mica granites from the Carrazeda de Ansiães area, northern Portugal. <i>Journal of Iberian Geology</i> , 2021, 47, 281-305.	0.7	2

#	ARTICLE	IF	CITATIONS
2407	Evolution of continental arc at root caused by igneous garnet and amphibole fractionation: Evidence from Jurassic intermediate felsic intrusive rocks in southern Qiangtang, Tibet. <i>Lithos</i> , 2021, 382-383, 105935.	0.6	3
2408	Petrogenesis of the Loch Bà ring-dyke and Centre 3 granites, Isle of Mull, Scotland. <i>Contributions To Mineralogy and Petrology</i> , 2021, 176, 1.	1.2	2
2409	Late Jurassic Intracontinental Extension and Related Mineralisation in Southwestern Fujian Province of SE China: Insights from Deformation and Syn-Tectonic Granites. <i>Journal of Earth Science (Wuhan)</i> , 2021, 32(10), 1000-1010.	0.0	0
2410	Permian lamprophyres from the Western Carpathians: a review. <i>Geological Society Special Publication</i> , 0, , SP513-2020-237.	0.8	1
2411	Editorial: Magma-Rock and Magma-Mush Interactions as Fundamental Processes of Magmatic Differentiation. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	0
2412	From subduction to strike slip-related volcanism: insights from Sr, Nd, and Pb isotopes and geochronology of lavas from Sivas Malatya region, Central Eastern Anatolia. <i>International Journal of Earth Sciences</i> , 2021, 110, 849-874.	0.9	7
2413	Leucite basanites of Virunga (East African Rift): some insights into petrogenesis and source composition. <i>Lithos</i> , 2021, 384-385, 105972.	0.6	5
2414	Origin of andradite in the Quaternary volcanic Andahua Group, Central Volcanic Zone, Peruvian Andes. <i>Mineralogy and Petrology</i> , 2021, 115, 257-269.	0.4	2
2415	Discovery of multi-crustal rejuvenations for the formation of the Lincang granitic batholith, Southwest China: magmatism relating to Changning Menglian Paleotethyan termination. <i>International Geology Review</i> , 2022, 64, 970-986.	1.1	4
2416	Oxygen isotope record of magmatic evolution of alkaline volcanic rocks at The Pleiades, northern Victoria Land, Antarctica. <i>Geosciences Journal</i> , 0, , 1.	0.6	0
2417	Petrogenesis of volcanic rocks of the Devonian Carboniferous Dahalajunshan Formation, Western Tianshan: Implications for crustal growth in an accretionary orogen. <i>Lithos</i> , 2021, 386-387, 106003.	0.6	7
2418	Petrogenesis of a late-stage calc-alkaline granite in a giant S-type batholith: geochronology and Sr-Nd-Pb isotopes from the Nomatsaus granite (Donkerhoek batholith), Namibia. <i>International Journal of Earth Sciences</i> , 2021, 110, 1453-1476.	0.9	3
2419	The North American Cordilleran Anatectic Belt. <i>Earth-Science Reviews</i> , 2021, 215, 103576.	4.0	15
2420	Ortogranulitos de Mangaratiba, Rio de Janeiro, uma janela para o Arqueano no OrÃ³geno Ribeira: litogeoquÃmica e geoquÃmica isotÃpica de Nd e Sr. <i>Geologia USP - Serie Cientifica</i> , 2021, 21, 57-70.	0.1	0
2421	Geochemical evidence for cryptic amphibole fractionation and lower crust melting for the generation of island arc tholeiitic rocks from northern Fossa Magna, central Japan. <i>Lithos</i> , 2021, 386-387, 106028.	0.6	2
2422	Intra-continental boninite-series volcanic rocks from the Bangong-Nujiang Suture Zone, Central Tibet. <i>Lithos</i> , 2021, 386-387, 106024.	0.6	2
2423	Evidence for a complex accretionary history preceding the amalgamation of Columbia: The Rhyacian Minas-Bahia Orogen, southern SÃo Francisco Paleocontinent, Brazil. <i>Gondwana Research</i> , 2021, 92, 149-171.	3.0	27
2424	Late Cambrian calc-alkaline magmatism during transition from subduction to accretion: Insights from geochemistry of lamprophyre, dolerite and gabbro dikes in the Dzhida terrain, Central Asian orogenic belt. <i>Lithos</i> , 2021, 386-387, 106044.	0.6	2

#	ARTICLE	IF	CITATIONS
2425	Northeast- or southwest-dipping subduction in the Cretaceous Caribbean gateway?. <i>Lithos</i> , 2021, 386-387, 105998.	0.6	6
2426	Petrogenesis of a calc-alkaline lamprophyre (minette) from Thanewasna, Western Bastar Craton, Central India: insights from mineral, bulk rock and <i>in-situ</i> trace element geochemistry. <i>Geological Society Special Publication</i> , 2022, 513, 179-207.	0.8	3
2427	Grain Size Variations Record Segregation of Residual Melts in Slowâ€Spreading Oceanic Crust (Atlantis Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 e2020JB020997.	1.4	15
2428	The Effects of Source Mixing and Fractional Crystallization on the Composition of Eocene Granites in the Himalayan Orogen. <i>Journal of Petrology</i> , 2021, 62, .	1.1	16
2429	Geochemistry of ultramafic and mafic rocks from the northern Central Asian Orogenic Belt (Tuva,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 intra-oceanic subduction. <i>Precambrian Research</i> , 2021, 356, 106061.	1.2	2
2431	The Mesoarchean Amikoq Layered Complex of SW Greenland: Part 2. Geochemical evidence for high-Mg noritic plutonism through crustal assimilation. <i>Mineralogical Magazine</i> , 0, , 1-25.	0.6	3
2432	Simultaneous development of arc-like and OIB-like mafic dikes in eastern Guangdong, SE China: Implications for late Jurassic â€ early Cretaceous tectonic setting and deep geodynamic processes of South China. <i>Lithos</i> , 2021, 388-389, 106021.	0.6	5
2433	Source diversity in controlling the compositional diversity of Cenozoic granites in the Tethyan Himalaya. <i>Lithos</i> , 2021, 388-389, 106072.	0.6	6
2434	Quantifying the Axial Magma Lens Dynamics at the Roof of Oceanic Magma Reservoirs (Dike/Gabbro) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 126, e2020JB021496.	1.4	7
2435	New Sr-Nd Isotope Data Record Juvenile and Ancient Crust-Mantle Melt Interactions in the Vijayan Complex, Sri Lanka. <i>Journal of Geology</i> , 0, , 000-000.	0.7	7
2436	Origin and Evolution of the Fatu Kapa Magmatic System (North-Western Lau Back-arc Basin): Insight on the Genesis of High-Silica Lavas. <i>Journal of Petrology</i> , 2021, 62, .	1.1	1
2437	Geochemistry and mantle source characteristics of the Itasy volcanic field: Implications for the petrogenesis of basaltic magmas in intra-continental-rifts. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 300, 137-163.	1.6	7
2438	Fingerprints of the Kerguelen Mantle Plume in Southern Tibet: Evidence from Early Cretaceous Magmatism in the Tethyan Himalaya. <i>Journal of Geology</i> , 2021, 129, 207-231.	0.7	3
2439	MORB Melt Transport through Atlantis Bank Oceanic Batholith (SW Indian Ridge). <i>Journal of Petrology</i> , 2021, 62, .	1.1	18
2440	Geochronological and geochemical constraints on the genesis of the Tieshan complex in the Edong district, Eastern China with implications for Fe and Cu skarn mineralization. <i>Chemie Der Erde</i> , 2021, 81, 125744.	0.8	1
2441	Do arc silicic magmas form by fluid-fluxed melting of older arc crust or fractionation of basaltic magmas?. <i>Contributions To Mineralogy and Petrology</i> , 2021, 176, 1.	1.2	19
2442	A siliceous komatiitic source of Bushveld magmas revealed by primary melt inclusions in olivine. <i>Lithos</i> , 2021, 388-389, 106094.	0.6	0
2443	Isotopic Compositions of Plagioclase From Plutonic Xenoliths Reveal Crustal Assimilation Below Martinique, Lesser Antilles Arc. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	4



#	ARTICLE	IF	CITATIONS
2444	Origins and Scales of Compositional Variations in Crustally Derived Granitic Rocks: The Example of the Dartmoor Pluton in the Cornubian Batholith of Southwest Britain. <i>Journal of Geology</i> , 2021, 129, 131-169.	0.7	7
2445	New identification and significance of Early Cretaceous mafic rocks in the interior South China Block. <i>Scientific Reports</i> , 2021, 11, 11396.	1.6	4
2447	Generation of andesite through partial melting of basaltic metasomatites in the mantle wedge: Insight from quantitative study of Andean andesites. <i>Geoscience Frontiers</i> , 2021, 12, 101124.	4.3	22
2448	The production of granitic magmas through crustal anatexis at convergent plate boundaries. <i>Lithos</i> , 2021, 402-403, 106232.	0.6	43
2449	Petrogenesis of Early Carboniferous Ultramafic-Mafic Volcanic Rocks in the Southern Changning-Menglian Belt, Southeastern Tibetan Plateau: Implications for the Evolution of the Paleotethyan Ocean. <i>Acta Geologica Sinica</i> , 2022, 96, 858-874.	0.8	3
2450	Crustal melting vs. fractionation of basaltic magmas: Part 2, Attempting to quantify mantle and crustal contributions in granitoids. <i>Lithos</i> , 2021, 402-403, 106292.	0.6	14
2451	Crustal melting vs. fractionation of basaltic magmas: Part 1, granites and paradigms. <i>Lithos</i> , 2021, 402-403, 106291.	0.6	43
2452	Ediacaran Na-alkaline Acampamento Velho volcanism in the Ramada Plateau, southernmost Brazil: Sr-Nd-Pb isotopic data and petrogenetic evolution. <i>Precambrian Research</i> , 2021, 358, 106167.	1.2	2
2453	Mafic-ultramafic intrusion formed by multi-stage evolution of hydrous basaltic melts. <i>Bulletin of the Geological Society of America</i> , 0, .	1.6	0
2454	Deep mantle roots of the Zarnitsa kimberlite pipe, Siberian craton, Russia: Evidence for multistage polybaric interaction with mantle melts. <i>Journal of Asian Earth Sciences</i> , 2021, 213, 104756.	1.0	4
2455	Neoproterozoic bimodal magmatism in the eastern Himalayan orogen: Tectonic implications for the Rodinia supercontinent evolution. <i>Gondwana Research</i> , 2021, 94, 87-105.	3.0	6
2456	The parental magma composition, crustal contamination process, and metallogenesis of the Shitoukengde Cu sulfide deposit in the Eastern Kunlun Orogenic Belt, NW China. <i>Resource Geology</i> , 2021, 71, 339-362.	0.3	8
2457	The timeline of prolonged accretionary processes in eastern Central Asian Orogenic Belt: Insights from episodic Paleozoic intrusions in central Inner Mongolia, North China. <i>Bulletin of the Geological Society of America</i> , 2022, 134, 629-657.	1.6	6
2458	Constraints of Mantle and Crustal Sources Interaction During Orogenesis of Pre- and Post-Collision Granitoids from The Northern Arabian-Nubian Shield: A Case Study from Wadi El-Akhdar Granitoids, Southern Sinai, Egypt. <i>Acta Geologica Sinica</i> , 2021, 95, 1527.	0.8	5
2459	Heavy magnesium isotopes in the Gangdese Magmatic Belt: Implications for magmatism in the Mesozoic subduction system of southern Tibet. <i>Lithos</i> , 2021, 390-391, 106106.	0.6	2
2460	Geochemical Systematics of High Arctic Large Igneous Province Continental Tholeiites from Canada—Evidence for Progressive Crustal Contamination in the Plumbing System. <i>Journal of Petrology</i> , 2021, 62, .	1.1	12
2461	Geochemistry and geochronology of intermediate volcanic rocks from the Compostela area, Nayarit, Mexico: Implications for petrogenesis and tectonic setting. <i>Geological Journal</i> , 2021, 56, 4401-4428.	0.6	4
2462	Petrology and tectonic evolution of late Paleozoic mafic-ultramafic sequences and the Leones Pluton of the Eastern Andean Metamorphic Complex (46-47°S), southern Chile. <i>Journal of South American Earth Sciences</i> , 2021, 108, 103198.	0.6	7

#	ARTICLE	IF	CITATIONS
2463	LIP printing: Use of immobile element proxies to characterize Large Igneous Provinces in the geologic record. <i>Lithos</i> , 2021, 392-393, 106068.	0.6	64
2464	Mineralization age, tectonic setting and ore genesis of the Wuxing Ptâ€“Pd-rich magmatic Cu-Ni sulfide deposit, Northeast China. <i>Ore Geology Reviews</i> , 2021, 134, 104189.	1.1	2
2465	Chicxulub impact structure, IODPâ€“CDP Expedition 364 drill core: Geochemistry of the granite basement. <i>Meteoritics and Planetary Science</i> , 2021, 56, 1243-1273.	0.7	5
2466	Providencia Island: A Miocene Stratovolcano on the Lower Nicaraguan Rise, Western Caribbeanâ€”A Geological Enigma Resolved. , 2021, , 1-101.		0
2467	Kinetic controls on the sulfide mineralization of komatiite-associated Ni-Cu-(PGE) deposits. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 305, 185-211.	1.6	14
2468	Providencia Island: A Miocene Stratovolcano on the Lower Nicaraguan Rise, Western Caribbeanâ€”A Geological Enigma Resolved. , 2021, , .		0
2469	Petrogenesis of peraluminous magmas in the Central Andean backarc: the Huayra Huasi Volcanic Complex, NW Argentina. <i>International Journal of Earth Sciences</i> , 2021, 110, 2725-2754.	0.9	2
2470	The Architecture of the Southern Puna Magmatic System: Integrating Seismic and Petrologic Observations With Geochemical Modeling. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB021550.	1.4	3
2471	Geochemical Characterization of Intraplate Magmatism from Quaternary Alkaline Volcanic Rocks on Jeju Island, South Korea. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7030.	1.3	0
2472	Rapid transition from oceanic subduction to postcollisional extension revealed by Carboniferous magmatism in East Junggar (NW China), southwestern Central Asian orogenic belt. <i>Bulletin of the Geological Society of America</i> , 0, , .	1.6	4
2473	Petrogenesis of Himalayan Leucogranites: Perspective From a Combined Elemental and Feâ€“Srâ€“Nd Isotope Study. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB021839.	1.4	7
2474	Rhyacian-Orosirian tectonic history of the Juiz de Fora Complex: Evidence for an Archean crustal reservoir within an island-arc system. <i>Geoscience Frontiers</i> , 2021, , 101292.	4.3	4
2475	Petrology of the Machangqing Complex in Southeastern Tibet: Implications for the Genesis of Potassium-rich Adakite-like Intrusions in Collisional Zones. <i>Journal of Petrology</i> , 2021, 62, .	1.1	28
2476	New insights into the petrogenesis of the Puerto Vallarta Batholith, Mexico: Evidence from petrology, zircon petrochronology, and phase equilibrium modeling. <i>Journal of South American Earth Sciences</i> , 2021, 109, 103297.	0.6	2
2477	Intracrystalline melt migration in deformed olivine revealed by trace element compositions and polyphase solid inclusions. <i>European Journal of Mineralogy</i> , 2021, 33, 463-477.	0.4	4
2478	New ages, morphometric and geochemical data on recent shoshonitic volcanism of the Puna, Central Volcanic Zone of Andes: San JerÃ³nimo and Negro de Chorrillos volcanoes. <i>Journal of South American Earth Sciences</i> , 2021, 109, 103270.	0.6	5
2479	Petrology and geochronology of the San MartÃn de los Andes batholith: Insights into the Devonian magmatism of the North Patagonian Andes. <i>Journal of South American Earth Sciences</i> , 2021, 109, 103283.	0.6	9
2480	Dynamics of a subvolcanic magma chamber inferred from viscous instabilities owing to mafic-felsic magma interactions. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	3

#	ARTICLE	IF	CITATIONS
2481	Geochronology and tectonic significance of A-type granite from Misho, NW Iran: Implications for the detachment of Cimmeria from Gondwana and the opening of Neo-Tethys. <i>Geological Journal</i> , 2021, 56, 5275-5289.	0.6	4
2482	Mesoarchean continental intraplate volcanism and sedimentation: The case of the Simlipal basin, Singhbhum Craton, eastern India. <i>Precambrian Research</i> , 2021, 361, 106245.	1.2	12
2483	Geochemical and Boron Isotopic Evidence that Tourmaline Records Country Rock Assimilation of Leucogranites in the Himalayan Orogen. <i>Acta Geologica Sinica</i> , 2022, 96, 123-134.	0.8	4
2484	Mantle-like Hf Nd isotope signatures in ~3.5 Ga greenstones: No evidence for Hadean crust beneath the East Pilbara Craton. <i>Chemical Geology</i> , 2021, 576, 120273.	1.4	8
2485	Transition from subduction to Post-Collisional Paleoproterozoic magmatism in the Correntina erosive window of the north São Francisco craton: Evidence for mantle source and slab breakoff from alkaline magmatism by U-Pb, Nd-Sr radiometric and geochemistry data. <i>Precambrian Research</i> , 2021, 362, 106314.	1.2	3
2486	Geochronology and petrogenesis of Eocene gabbros and granitic rocks of the eastern Gangdese belt, southern Tibet: Implications for the timing of India-Asia collision. <i>Gondwana Research</i> , 2021, 97, 145-157.	3.0	7
2487	Conditions of magma generation at the Me-akan volcano, northern Japan. <i>Journal of Volcanology and Geothermal Research</i> , 2021, 417, 107323.	0.8	3
2488	Lower Paleozoic rifting event in Central Iberian Zone (central-north Portugal): Evidence from elemental and isotopic geochemistry of metabasic rocks. <i>Chemie Der Erde</i> , 2021, 81, 125768.	0.8	5
2489	From subduction initiation to hot subduction: Life of a Neoproterozoic subduction zone from the Dengfeng Greenstone Belt, North China Craton. <i>Bulletin of the Geological Society of America</i> , 2022, 134, 1277-1300.	1.6	7
2490	Crustal growth during Western Gondwana amalgamation and onset of the Brasiliano orogeny: Insights from geochemistry and Pb-Sr-O isotopes from granites in northeastern Brazil. <i>Lithos</i> , 2021, 396-397, 106223.	0.6	3
2491	Phonotephrite and phonolite in the Tarim Large Igneous Province, northwestern China: Petrological, geochemical and isotopic evidence for contrasting mantle sources and deep carbon recycling. <i>Journal of Asian Earth Sciences</i> , 2021, 217, 104842.	1.0	2
2492	Cr-poor and Cr-rich clinopyroxene and garnet megacrysts from southern African Group 1 and Group 2 kimberlites: Clues to megacryst origins and their relationship to kimberlites. <i>Lithos</i> , 2021, 396-397, 106231.	0.6	6
2493	Thermodynamic limits for assimilation of silicate crust in primitive magmas. <i>Geology</i> , 2022, 50, 81-85.	2.0	12
2494	Opening of the West Paleo-Tethys Ocean: New insights from earliest Devonian meta-mafic rocks in the Saualpe crystalline basement, Eastern Alps. <i>Gondwana Research</i> , 2021, 97, 121-137.	3.0	5
2495	Magma differentiation and recharge in the petrogenesis of early paleozoic mafic intrusives in the Qilian orogen, northwestern China. <i>Lithos</i> , 2021, , 106492.	0.6	0
2496	The Tethyan Himalaya Igneous Province: Early Melting Products of the Kerguelen Mantle Plume. <i>Journal of Petrology</i> , 2021, 62, .	1.1	9
2497	Uncommon K-foiditic magmas: The case study of Tufo del Palatino (Colli Albani Volcanic District,) <i>Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50</i>	0.6	5
2498	Mixing dry and wet magmas in the lower crust of a continental arc: new petrological insights from the Bear Valley Intrusive Suite, southern Sierra Nevada, California. <i>Contributions To Mineralogy and Petrology</i> , 2021, 176, 1.	1.2	10

#	ARTICLE	IF	CITATIONS
2499	Magma-Mush Interactions in the Lower Oceanic Crust: Insights From Atlantis Bank Layered Series (Southwest Indian Ridge). <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022331.	1.4	11
2500	Shoshonitic volcanism of the Bodrum caldera (SW Turkey): Hybridization of enriched mantle-derived and crustal melts. <i>Journal of Asian Earth Sciences</i> , 2021, 219, 104901.	1.0	0
2501	Kersantites and associated intrusives from the type locality (Kersanton), Variscan Belt of Western Armorica (France). <i>Gondwana Research</i> , 2021, 98, 46-62.	3.0	7
2502	Zircon U-Pb and Lu-Hf isotopes and geochemistry of granitoids in central Tibet: Bringing the missing Early Jurassic subduction events to light. <i>Gondwana Research</i> , 2021, 98, 125-146.	3.0	6
2503	Melting of metasomatically enriched lithospheric mantle – Constraints from Pan-African monzonites (Damara Orogen, Namibia). <i>Lithos</i> , 2021, 398-399, 106332.	0.6	3
2504	Triassic high-Mg andesitic magmatism induced by sediment melt-peridotite interactions in the central Tibetan Plateau. <i>Lithos</i> , 2021, 398-399, 106266.	0.6	1
2505	Stable (C, O) and radiogenic (Sr, Nd) isotopic evidence for REE-carbonatite formation processes in Petyayan-Vara (Vuoriyarvi massif, NW Russia). <i>Lithos</i> , 2021, 398-399, 106282.	0.6	3
2506	Origin and tectonic implications of Early Cretaceous Siziwangqi volcanic rocks from the North China Craton. <i>Lithos</i> , 2021, 400-401, 106431.	0.6	1
2507	Origin of Ni-Cu-(PGE+Au) sulfides in late-Archean komatiitic suite of rocks in the Shankaraghatta belt, Western Dharwar Craton (India). <i>Ore Geology Reviews</i> , 2021, 138, 104375.	1.1	0
2508	Petrogenetic evolution of the Zhuopan potassic alkaline complex, western Yunnan, SW China: Implications for heterogeneous metasomatism of lithospheric mantle beneath Simao and western Yangtze block. <i>Lithos</i> , 2021, 400-401, 106354.	0.6	3
2509	Chemical and isotopic changes induced by pyrometamorphism in metasedimentary xenoliths at Tongariro volcano, New Zealand. <i>Lithos</i> , 2021, 400-401, 106404.	0.6	3
2510	Combined use of Sm-Nd isotopes and litho-geochemistry in the sedimentary provenance of the southern Ediacaran-Cambrian Bambuí-foreland basin system, Brazil. <i>Journal of South American Earth Sciences</i> , 2021, 111, 103429.	0.6	0
2511	An approach to reconstruct the thermal history in active magmatic systems: Implications for the Los Hornos volcanic complex, Mexico. <i>Geothermics</i> , 2021, 96, 102162.	1.5	9
2512	Paleoproterozoic ca. 2.2 Ga high-Cl metagabbro in the Belomorian province, Eastern Fennoscandian Shield: Origin and tectonic implications. <i>Lithos</i> , 2021, 400-401, 106377.	0.6	3
2513	Coexisting Early Cretaceous arc-type and OIB-type mafic magmatic rocks in the eastern Jiangnan Orogen, South China Block: Implications for paleo-Pacific plate subduction. <i>Lithos</i> , 2021, 400-401, 106421.	0.6	1
2514	Geochemistry, U-Pb geochronology, and Sr-Nd-Hf isotope systematics of a SW-NE transect in the southern Peninsular Ranges batholith, Mexico: Cretaceous magmatism developed on a juvenile island-arc crust. <i>Lithos</i> , 2021, 400-401, 106375.	0.6	4
2515	Dissolution - reprecipitation reactions as a mechanism for magma contamination: An example from interaction of partially melted sanidine megacrysts and clinopyroxene phenocrysts in nephelinite from Graulei, West Eifel Volcanic Field, Germany. <i>Lithos</i> , 2021, 404-405, 106486.	0.6	1
2516	Coexistence of two types of Late Paleocene adakitic granitoid, Soursat complex, NW Iran. <i>Lithos</i> , 2021, 404-405, 106438.	0.6	2

#	ARTICLE	IF	CITATIONS
2517	Opening of the Proto-Tethys Ocean: Implications from the late Neoproterozoic mafic dike swarms in the South Qinling Belt, South China. <i>Gondwana Research</i> , 2022, 101, 44-58.	3.0	4
2518	Chemo-stratigraphy, petrology and U-Pb geochronology of South-eastern part of the YuntadaŸ volcano (KarakÄ±IA±ASIA± â€“ Manisa) in Western Anatolia. <i>All Earth</i> , 2021, 33, 30-51.	0.8	1
2519	Melt Migration and Interaction in a Dunite Channel System within Oceanic Forearc Mantle: the Yushigou Harzburgiteâ€“Dunite Associations, North Qilian Ophiolite (NW China). <i>Journal of Petrology</i> , 2021, 62, .	1.1	10
2520	From long-lived batholith construction to giant porphyry copper deposit formation: petrological and zircon chemical evolution of the Quellaveco District, Southern Peru. <i>Contributions To Mineralogy and Petrology</i> , 2021, 176, 1.	1.2	26
2521	Magmatic processes of Ryoke granitoids from Yashiro-jima Island, Yamaguchi Prefecture, SW Japan. <i>Ganseki Kobutsu Kagaku</i> , 2021, 49, 133-147.	0.1	0
2522	Early Paleozoic Arc Magmatism and Accretionary Orogenesis in the Indochina Block, Southeast Asia. <i>Journal of Geology</i> , 2021, 129, 33-48.	0.7	7
2523	Mgâ€“Srâ€“Nd Isotopic Insights into Petrogenesis of the Xiarihamu Maficâ€“Ultramafic Intrusion, Northern Tibetan Plateau, China. <i>Journal of Petrology</i> , 2021, 62, .	1.1	11
2524	Chapter 5.3â€“fMount Early and Sheridan Bluff: petrology. <i>Geological Society Memoir</i> , 2021, 55, 499-514.	0.9	9
2526	Mass Balance Modelling of Magmatic Processes in GCDkit. <i>Society of Earth Scientists Series</i> , 2014, , 225-238.	0.2	5
2527	Geochemical Modelling of Melting and Cumulus Processes: A Theoretical Approach. <i>Society of Earth Scientists Series</i> , 2014, , 47-73.	0.2	1
2528	Strontium Isotopes. <i>Encyclopedia of Earth Sciences Series</i> , 2016, , 1-6.	0.1	1
2529	Petrogenesis of Basaltic and Doleritic Dykes from Kawant, Chhotaudepur Province, Deccan Traps. , 2011, , 283-299.		2
2530	Petrology and Geochemistry of Cretaceous Mafic and Silicic Dykes and Spatially Associated Lavas in Central-Eastern Coastal Madagascar. , 2011, , 345-375.		6
2531	Large- and Fine-Scale Geochemical Variations Along the Andean Arc of Northern Chile (17.5Â°â€“ 22Â°S). , 1994, , 77-92.		19
2532	Proterozoic Anorthosite Massifs. , 1985, , 39-60.		65
2533	Petrogenetic evaluation of trace element discrimination diagrams. <i>Proceedings of the International Conferences on Basement Tectonics</i> , 1992, , 93-127.	0.1	4
2534	Sr, Nd and Pb Isotopic Constraints in the Genesis of a Calc-Alkaline Plutonic Suite in Oman Ophiolite Related to the Obduction Process. <i>Petrology and Structural Geology</i> , 1991, , 517-542.	0.5	17
2535	Porous Media Flow in Granitoid Magmas: An Assessment. , 1993, , 261-286.		9

#	ARTICLE	IF	CITATIONS
2536	The Southern Part of the Fongen-Hyllingen Layered Mafic Complex, Norway: Emplacement and Crystallization of Compositionally Stratified Magma. , 1987, , 145-184.		13
2537	Multi-element isotopic evolution of magmatic rocks from Caviahue-Copahue Volcanic Complex (Chile-Argentina): Involvement of mature slab recycled materials. <i>Chemical Geology</i> , 2018, 476, 370-388.	1.4	11
2538	Evaluating crustal contributions to enriched shergottites from the petrology, trace elements, and Rb-Sr and Sm-Nd isotope systematics of Northwest Africa 856. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 211, 280-306.	1.6	22
2539	Tracking the birth and growth of Cimmeria: Geochronology and origins of intrusive rocks from NW Iran. <i>Gondwana Research</i> , 2020, 87, 188-206.	3.0	5
2541	Granitoids of northern Victoria Land, Antarctica: A reconnaissance study of field relations, petrography, and geochemistry. <i>Antarctic Research Series</i> , 1986, , 115-188.	0.2	16
2542	Neoproterozoic magmatic evolution of the southern Ouaddaï Massif (Chad). <i>Bulletin - Societe Geologique De France</i> , 2020, 191, 34.	0.9	5
2543	Crust-Enriched, Mantle-Derived Tonalites in the Early Proterozoic Penokean Orogen of Wisconsin. <i>Journal of Geology</i> , 1987, 95, 139-154.	0.7	27
2544	Crustal Contamination Identified in Keweenawan Osler Group Tholeiites, Ontario: A Trace Element Perspective. <i>Journal of Geology</i> , 1991, 99, 739-760.	0.7	46
2545	The Island Arc Setting of a New Zealand Cambrian Volcano-Sedimentary Sequence: Implications for the Evolution of the SW Pacific Gondwana Fragments. <i>Journal of Geology</i> , 1995, 103, 687-700.	0.7	30
2546	Archean High-Mg Quartz-Monzodiorite Suite: A Re-Evaluation of the Parental Magma and Differentiation. <i>Journal of Geology</i> , 1996, 104, 713-728.	0.7	9
2547	Isotopic and Trace Element Geochemistry of the Kiglapait Intrusion, Labrador: Deciphering the Mantle Source, Crustal Contributions and Processes Preserved in Mafic Layered Intrusions. <i>Journal of Petrology</i> , 2019, 60, 553-590.	1.1	11
2548	Geochemical constraints on the origin and evolution of early Mesozoic dikes in Atlantic Canada. <i>European Journal of Mineralogy</i> , 1998, 10, 79-94.	0.4	28
2549	K-rich plutonic rocks and lamprophyres from the Meissen Massif (northern Bohemian Massif): Geochemical evidence for variably enriched lithospheric mantle sources. <i>Neues Jahrbuch Fur Mineralogie, Abhandlungen</i> , 2000, 175, 249-293.	0.1	13
2550	Similarities between mantle-derived A-type granites and voluminous rhyolites in continental flood basalt provinces. , 2010, , .		1
2551	New constraints on the age, geochemistry, and environmental impact of High Arctic Large Igneous Province magmatism: Tracing the extension of the Alpha Ridge onto Ellesmere Island, Canada. <i>Bulletin of the Geological Society of America</i> , 2021, 133, 1695-1711.	1.6	23
2552	The role of crustal and mantle sources in the genesis of granitoids of the Antarctic Peninsula and adjacent crustal blocks. <i>Journal of the Geological Society</i> , 2001, 158, 855-867.	0.9	50
2553	Petrology of a magma chamber: the Plutonic Complex of Guernsey (Channel Islands, UK). <i>Journal of the Geological Society</i> , 1992, 149, 701-708.	0.9	14
2554	Post-collisional two-stage magmatism in the East Sarmatian Orogen, East European Craton: evidence from the Olkhovsky ring complex. <i>Journal of the Geological Society</i> , 2018, 175, 86-99.	0.9	7

#	ARTICLE	IF	CITATIONS
2555	Optimisation of the exploration and evaluation of geothermal resources. , 2002, , .		6
2556	Geochemical correlations between Jurassic gabbros and basaltic rocks in Vestfjella, Dronning Maud Land, Antarctica. , 2006, , 201-212.		2
2557	The Kopparsdyke swarm in Inkoo, southern Finland. , 2006, , 85-98.		1
2558	EVOLUTION AND ORIGIN OF THE MARONIA PLUTON, THRACE, GREECE. Bulletin of the Geological Society of Greece, 2004, 36, 568.	0.2	10
2559	MINERALOGY AND PETROLOGY OF THE BRNJICA GRANITOIDS (EASTERN SERBIA). Bulletin of the Geological Society of Greece, 2004, 36, 615.	0.2	4
2561	Geoquímica y petrología del campo volcánico de Ocampo, Coahuila, México. Boletín De La Sociedad Geológica Mexicana, 2011, 63, 235-252.	0.1	5
2562	MINERAL CHEMISTRY, WHOLE-ROCK GEOCHEMISTRY AND PETROLOGY OF EOCENE I-TYPE SHOSHONITIC PLUTONS IN THE GÄ-LKÄ-Y AREA (ORDU, NE TURKEY). Bulletin of the Mineral Research and Exploration, 2018, , .	0.5	2
2563	Geochemical Features and Petrogenesis of GÄrkÅseada Volcanism, Åžanakkale, NW Turkey. Bulletin of the Mineral Research and Exploration, 2020, , 1-10.	0.5	2
2564	Oxygen Isotopic Variations in the Clinopyroxene from the Filicudi Volcanic Rocks (Aeolian Islands,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.0	4
2565	Early Precambrian mafic rocks of the Fennoscandian shield as a reflection of plume magmatism: Geochemical types and formation stages. Russian Journal of Earth Sciences, 2003, 5, 145-163.	0.2	6
2567	Two contrasting types of Rb-Sr isotope systems for the Funatsu granitic rocks in the northwestern part of the Hida belt, central Japan.. Journal of Mineralogy, Petrology and Economic Geology, 1988, 83, 374-387.	0.1	19
2568	Petrology of Higashi-Izu monogenetic volcano group. Implication of xenocrysts, time and spatial variation of ejecta.. Journal of Mineralogy, Petrology and Economic Geology, 1990, 85, 315-336.	0.1	8
2569	Genetic relationships between basalts and andesites in the Taradake volcanic area, Northwest Kyushu.. Journal of Mineralogy, Petrology and Economic Geology, 1996, 91, 321-338.	0.1	4
2570	Petrology of Miocene I-type and S-type granitic rocks in the Ohmine district, central Kii peninsula. Journal of the Japanese Association of Mineralogists, Petrologists and Economic Geologists, 1984, 79, 351-369.	0.2	15
2571	Garnet two-mica granite rich in high field strength elements, Kanamaru&mdash;Oguni area on the Niigata&mdash;Yamagata border, Japan arc. Ganseki Kobutsu Kagaku, 2015, 44, 131-154.	0.1	1
2572	Magma evolution in the upper part (Stage IV) of the Fongen-Hyllingen Layered Intrusion, central Norway. Journal of Mineralogical and Petrological Sciences, 2007, 102, 93-114.	0.4	1
2573	Petrology and geochemistry of Miocene igneous rocks on Rebun Island, northern Hokkaido, Japan. Journal of Mineralogical and Petrological Sciences, 2008, 103, 412-426.	0.4	3
2574	The spatial variation of initial <sup>87</sup> Sr/ <sup>86</sup> Sr ratios in the Toki granite, Central Japan: Implications for the intrusion and cooling processes of a granitic pluton. Journal of Mineralogical and Petrological Sciences, 2013, 108, 1-12.	0.4	15

#	ARTICLE	IF	CITATIONS
2575	Trace element modelling of magma evolution in the Fongen-Hyllingen Intrusion, Trondheim region, Norway.. <i>Journal of Mineralogical and Petrological Sciences</i> , 2003, 98, 47-75.	0.4	3
2576	Synneusis: does its preservation imply magma mixing?. <i>Mineralogia</i> , 2018, 49, 99-117.	0.4	6
2578	Sr-, Nd-, and Pb-isotopic composition of volcanic rocks from the southeast Greenland Margin at 63°N: temporal variation in crustal contamination during continental breakup. , 0, , .		17
2579	Low-pressure melting studies of basalt and basaltic andesite from the Southeast Greenland continental margin and the origin of dacites at Site 917. , 0, , .		13
2580	Development of short gSSRs in <i>G. arboreum</i> and their utilization in phylogenetic studies. <i>Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry</i> , 0, , .	0.8	8
2581	An Example for Arc-Type Granitoids Along Collisional Zones: The Pertek Granitoid, Taurus Orogenic Belt, Turkey. <i>International Journal of Geosciences</i> , 2011, 02, 214-226.	0.2	12
2582	Some Notes on the Lugiin Gol, Mushgai Khudag and Bayan Khoshuu Alkaline Complexes, Southern Mongolia. <i>International Journal of Geosciences</i> , 2013, 04, 1200-1214.	0.2	22
2583	The Volcanic Evolution of Cerro Uturuncu: A High-K, Composite Volcano in the Back-Arc of the Central Andes of SW Bolivia. <i>International Journal of Geosciences</i> , 2014, 05, 1263-1281.	0.2	13
2584	U-Pb Zircon Age, Geochemical and Sr-Nd Isotopic Constraints on the Age and Origin of the Granodiorites in Guilong, Southeastern Yunnan Province, Southern China. <i>Open Journal of Geology</i> , 2012, 02, 229-240.	0.1	2
2585	Extensional Carboniferous magmatism at the western margin of Gondwana: Las Lozas valley, Catamarca, Argentina. <i>Andean Geology</i> , 2016, 43, 105.	0.2	21
2586	Geochemical Characterization of Boula Ibi Granitoids and Implications in Geodynamic Evolution. <i>Journal of Geography and Geology</i> , 2020, 11, 13.	0.4	4
2587	Petrological characteristics and K-Ar age of borehole core samples of basement rocks from the northwestern caldera floor of Aso, central Kyushu. <i>Journal of the Geological Society of Japan</i> , 2011, 117, 585-590.	0.2	7
2588	Petrological study of tonalitic rocks in the upper reaches of Satsunai River, Main Zone of the Hidaka Metamorphic Belt. Coexistent relation of S-type with I-type granite.. <i>Journal of the Geological Society of Japan</i> , 1992, 98, 295-308.	0.2	11
2589	Petrology and geochemistry of the Sempah volcanic complex: Peninsular Malaysia. <i>Bulletin of the Geological Society of Malaysia</i> , 2005, 51, 103-121.	0.2	6
2590	Petrochemical Characteristics and Review on Petrogenesis on Cretaceous to Tertiary Volcanic Rocks in the Kyongsang Basin. <i>The Journal of the Petrological Society of Korea</i> , 2012, 21, 217-233.	0.2	5
2591	Formation of ultrapotassic magma via crustal contamination and hybridization of mafic magma: an example from the Stomanovo monzonite, Central Rhodope Massif, Bulgaria. <i>Geological Magazine</i> , 0, , 1-16.	0.9	3
2592	Late Devonian transition from advancing to retreating subduction in the SW Central Asian Orogenic Belt: Insights from multiple deformation and magmatic events in the southern Yili Block, NW China. <i>Gondwana Research</i> , 2022, 105, 468-487.	3.0	6
2593	Geochemical and isotopic evolution of Late Oligocene magmatism in Quchan, NE Iran. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2021GC009973.	1.0	3



#	ARTICLE	IF	CITATIONS
2594	U <sup>235</sup> -Pb Zircon Geochronological and Petrologic Constraints on the Post-Collisional Variscan Volcanism of the Tiddas-Souk Es-Sebt des Ait Ikko Basin (Western Meseta, Morocco). Minerals (Basel), Tj ETQq0 0 0 rgBT /Overlock 10		
2595	A Crystal Mush Perspective Explains Magma Variability at La Fossa Volcano (Vulcano, Italy). Minerals (Basel, Switzerland), 2021, 11, 1094.	0.8	5
2596	Eucrite-type achondrites: Petrology and oxygen isotope compositions. Meteoritics and Planetary Science, 2022, 57, 484-526.	0.7	9
2597	Mantle versus crustal contributions in crustal-scale magmatic systems (Sesia Magmatic System,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Petrology, 2021, 176, 1.	1.2	6
2598	Sr-Nd isotope geochemistry and petrogenesis of ca. 2.26 Ga and ca. 2.08 Ga mafic dyke swarms from the Dharwar craton, India: Insights into their mantle sources and geodynamic implications. Lithos, 2021, 406-407, 106503.	0.6	5
2599	IDC4 papers. , 2006, , 181-181.		0
2600	IDC5 papers. , 2006, , 1-1.		0
2601	10.1007/s11495-008-2001-1. , 2010, 16, 105.		0
2602	Petrological feature of the Uzukiyama mafic plutonic complex, Iida city, Nagano Prefecture. Bulletin of the Geological Survey of Japan, 2012, 63, 1-19.	0.1	0
2603	Timing, Distribution and Petrological Evolution of the Teide-Pico Viejo Volcanic Complex. Active Volcanoes of the World, 2013, , 155-172.	1.0	0
2604	Metabazyty pasma Novohosta. , 2013, , .		0
2605	Igneous Rock Series: Basalt Magma Evolution. , 2014, , 119-150.		0
2606	Mineral Chemistry and Magmatic Differentiation Evidences in the Neshveh Intrusion (NW Saveh,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	0.1	1
2607	Cosmo- and Geochemical Cycles and Balance For the Contents of Yttrium and/or Rare Earth Elements. , 1987, , 137-205.		0
2608	Strontium isotope compositions of Hime-shima volcanic rocks: Magma mixing and disequilibrium hornblende.. Journal of Mineralogy, Petrology and Economic Geology, 1991, 86, 65-71.	0.1	0
2610	Geochemistry and petrogenesis of late Cretaceous volcanic rocks from Kwangju area, South Korea.. Journal of Mineralogy, Petrology and Economic Geology, 1992, 87, 318-329.	0.1	0
2611	Geochemical evidence for the tectonic setting of early Proterozoic metavolcanic sequences in southern Lake Superior region.. Journal of Mineralogy, Petrology and Economic Geology, 1993, 88, 320-334.	0.1	0
2612	Charnoquites do maciço de Várzea Alegre: um novo exemplo do magmatismo Ca-alcálico de alto K no arco magmático do Espírito Santo. Boletim IG-USP Publicação Especial, 1996, .	0.0	1

#	ARTICLE	IF	CITATIONS
2613	Geochronology From The Castelo Branco Pluton (Portugal) – Isotopic Methodologies. , 0, , .		0
2614	Use of Magnesium Stable Isotope Signatures for the Petrogenetic Interpretation of Granitic Rocks. The Journal of the Petrological Society of Korea, 2014, 23, 221-227.	0.2	2
2615	PETROGENESIS OF THE MAGLAJ VOLCANICS, CENTRAL BOSNIA. Archives for Technical Sciences, 2014, 1, 7.	0.1	1
2616	Sm–Nd Dating. Encyclopedia of Earth Sciences Series, 2015, , 768-780.	0.1	2
2617	Recent Changes in Braided Planform of the Tista River in the Eastern Lobe of the Tista Megafan, India. Earth Science India, 2016, 9, .	0.1	2
2618	Bolivina lata sp. nov., a new foraminiferal species in the family Bolivinitidae from Niger Delta, Nigeria. Earth Science India, 2016, 9, .	0.1	0
2619	GÄ–LKÄ–Y YÄ–RESÄ° (ORDU, KD TÄœRKÄ°YE) EOSEN YAÄŽLI I-TÄ°PÄ° ÅŽOÄŽONÄ°TÄ°K PLÄœTONLARIN MÄ°NERAL KÄ°MYASI, TÄœM-JEOKÄ°MYASI VE PETROLOJÄ°SÄ°. Journal of Mineral Research and Exploration, 2018, , 1-45.	0.1	1
2620	VAN GÄ–LÄœÄ°™NÄœN DOÄŽUSUNDAKÄ° OTLAKBAÄŽI BAZALTÄ°K VOLKANÄ°ZMASININ PETROLOJÄ°K VE JEOKÄ°MYASAL EVRÄ°MÄ°Sİ. Journal of Mineral Research and Exploration, 0, , 1-22.	0.1	1
2621	GEOCHEMICAL AND PETROLOGIC EVOLUTION OF OTLAKBAÄŽI BASALTIC VOLCANISM TO THE EAST OF LAKE VAN. Bulletin of the Mineral Research and Exploration, 0, , 10-20.	0.5	1
2622	Eocene Basalt of Summit Creek: Slab breakoff magmatism in the central Washington Cascades, USA. Lithosphere, 0, , .	0.6	2
2623	Age, geochemistry, and significance of Devonian felsic magmatism in the North Slope subterrane, Yukon, Canadian Arctic. , 2019, , 593-618.		5
2624	Petrology, geochemistry and origin of Rigmalak granite, southeast of Zahedan. Iranian Journal of Crystallography and Mineralogy, 2019, 27, 839-854.	0.0	0
2625	Multiple sources and magmatic evolution of the Late Triassic Daocheng batholith in the Yidun Terrane: Implications for evolution of the Paleo-Tethys Ocean in the eastern Tibetan Plateau. Bulletin of the Geological Society of America, 2022, 134, 1660-1680.	1.6	5
2626	Determination of Sm/Nd and Sr isotopic composition using an ICP-MS Neptune Plus equipped with an NWR 213 attachment for laser ablation. Lithosphere (Russian Federation), 2021, 21, 712-723.	0.1	0
2628	Thermochronological, petrographic and geochemical characteristics of the Combia Formation, Amagãj basin, Colombia. Journal of South American Earth Sciences, 2020, 104, 102897.	0.6	3
2629	Copper-Gold Fertility of Arc Volcanic Rocks: A Case Study from the Early Permian Lizzie Creek Volcanic Group, NE Queensland, Australia. Economic Geology, 0, , .	1.8	2
2630	Petrographic and Geochemical Characteristics of the Palandãrken Volcanic Rocks in the Erzurum Region, Eastern Anatolia, Turkey. International Journal of Pure and Applied Sciences, 0, , .	0.3	3
2631	Physical and chemical interactions between coeval –magmas: a case study of mixing and mingling from the –Urumieh plutonic complex, NW Iran. International Geology Review, 2022, 64, 489-508.	1.1	2

#	ARTICLE	IF	CITATIONS
2632	Assimilation and fractional crystallization of Sanukitic high-Mg andesite-derived magmas, Kyushu Island, southwest Japan: An example of the Cretaceous Shakuake diorite body. <i>Journal of Mineralogical and Petrological Sciences</i> , 2020, 115, 332-347.	0.4	6
2633	Geochronology, geochemistry and tectonic significance of Paleoproterozoic diabase at the southwestern margin of the Ordos Block. <i>Acta Petrologica Sinica</i> , 2020, 36, 1186-1198.	0.3	1
2634	Geochronology, geochemistry, and Sr-Nd-Hf isotopes of the Late Permian-Early Triassic granitoids in Eastern Kunlun Orogen, Northwest China: petrogenesis and implications for geodynamic setting. <i>International Geology Review</i> , 2021, 63, 696-716.	1.1	4
2635	Effects of crustal assimilation and magma mixing on zircon trace element relationships across the Peninsular Ranges Batholith. <i>Chemical Geology</i> , 2021, 586, 120616.	1.4	6
2636	Caractéristiques pétrologiques et géochimiques des roches magmatiques de l'El Aouana, NE algérien. <i>Estudios Geológicos</i> , 2020, 76, 124.	0.7	0
2637	Aqueous solutions. , 1999, , 16-18.		0
2638	Argon. , 1999, , 18-19.		0
2640	Strontium Isotopes. <i>Encyclopedia of Earth Sciences Series</i> , 2018, , 1379-1384.	0.1	2
2641	Geochronology, geochemistry and tectonic significance of Paleoproterozoic diabase at the southwestern margin of the Ordos Block. <i>Acta Petrologica Sinica</i> , 2020, 36, 1186-1198.	0.3	0
2643	The Ediacaran Post-collisional Dokhan Volcanics. <i>Regional Geology Reviews</i> , 2021, , 267-294.	1.2	1
2648	Trachyte-phonolite transition at Dunedin Volcano: Fingerprints of magma plumbing system maturity and mush evolution. <i>Lithos</i> , 2022, 408-409, 106545.	0.6	5
2649	Geochemistry of Late Permian basalts from boreholes in the Sichuan Basin, SW China: Implications for an extension of the Emeishan large igneous province. <i>Chemical Geology</i> , 2022, 588, 120636.	1.4	11
2650	A 400-Ma-long Nd-Hf isotopic evolution of melt-modified garnet-pyroxenites in an ancient subcontinental lithosphere (Lanzo North ophiolite, Western Alps). <i>Chemical Geology</i> , 2022, 588, 120643.	1.4	3
2651	Mantle source heterogeneity in a Neoproterozoic back-arc basin: Geochemical and thermodynamic modeling of the volcanic section of Wadi Ghadir ophiolite, Egypt. <i>Precambrian Research</i> , 2022, 368, 106480.	1.2	1
2652	New estimates on the basalt volume of the Tarim (not so large) igneous province, NW China. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022061.	1.4	4
2653	The Westwood Deposit, Southern Abitibi Greenstone Belt, Canada: An Archean Au-Rich Polymetallic Magmatic-Hydrothermal System—Part I. Volcanic Architecture, Deformation, and Metamorphism. <i>Economic Geology</i> , 2022, 117, 545-575.	1.8	8
2654	Triassic calc-alkaline lamprophyre dykes from the North Qiangtang, central Tibetan Plateau: evidence for a subduction-modified lithospheric mantle. <i>Geological Magazine</i> , 2022, 159, 407-420.	0.9	0
2655	Permo-Carboniferous hypabyssal magmatism in northern Portugal: the case of the Lamas de Olo microgranite and lamprophyre dykes. <i>Journal of Iberian Geology</i> , 0, , .	0.7	2

#	ARTICLE	IF	CITATIONS
2656	Porphyry copper deposit formation in arcs: What are the odds?. , 2022, 18, 130-155.		26
2657	Arclogites in the subarc lower crust: effects of crystallization, partial melting, and retained melt on the foundering ability of residual roots. <i>Journal of Petrology</i> , 0, , .	1.1	13
2658	The Pliocene Post-Collisional Volcanism of Central Armenia: Isotope-Geochronology and Geochemical Evolution of Magmatic Melts. <i>Petrology</i> , 2021, 29, 627-656.	0.2	1
2659	Continental growth during Devonian-Carboniferous switching accretionary tectonics: the Katebasu granitoid stock, Central Tianshan, NW China. <i>International Journal of Earth Sciences</i> , 0, , 1.	0.9	1
2660	The rare earth element geochemistry of mafic granulites from the Neoproterozoic northern marginal zone of the Limpopo Belt, Zimbabwe: Insights into mantle processes during an episode of crustal growth. <i>Journal of African Earth Sciences</i> , 2021, 186, 104434.	0.9	2
2661	Unraveling the petrogenesis of the Miocene La Peaña alkaline intrusive complex, Mendoza, Argentina: Insights from the study of the disregarded late dykes. <i>Journal of South American Earth Sciences</i> , 2021, , 103639.	0.6	0
2662	«å±±å,   é“œé•çj«åÉ–ç%©çÿã°Šçš,,å² ©æµ†èµ·æª+1/4šã»¥ä,œå ©å±±é»,å±±å–é“œé•çÿã°Šã³¼«. <i>Diqiu Kexue - Zhongguo Dizhi Daxue Geosciences</i> , 2021, 46, 3829.	0.1	2
2663	Provenance study of Phanerozoic rocks from the Cordillera Real of Bolivia. <i>Brazilian Journal of Geology</i> , 2021, 51, .	0.3	0
2664	Geochemical evolution of the Rabaul volcanic complex, Papua New Guinea - Insights from HFSE, Sr-Nd-Hf, and Fe isotopes. <i>Lithos</i> , 2022, 408-409, 106560.	0.6	1
2665	The origin of magma on planetary bodies. , 2022, , 235-270.		1
2666	Petrogenesis of Granites from the Ediacaran Socorro Batholith, SE Brazil: Constraints from Zircon Dating, Geochemistry and Sr-Nd-Hf Isotopes. <i>Journal of Earth Science (Wuhan, China)</i> , 2021, 32, 1397-1414.	1.1	5
2667	The role of crustal thickness on magma composition in arcs: An example from the pre-Andean, South American Cordillera. <i>Gondwana Research</i> , 2022, 106, 191-210.	3.0	14
2668	Origin of bimodal rearâ€œarc volcanism, <sc>Transâ€œMexican</sc> Volcanic Belt eastern sector: Geochemical and isotopic evidence from the Quaternary <sc>Xihuingoâ€œLa</sc> Paila Volcanic Field. <i>Geological Journal</i> , 2022, 57, 1957-1977.	0.6	0
2669	Probing the hidden magmatic evolution of El Misti volcano (Peru) with the Pb isotope composition of fumaroles. <i>Bulletin of Volcanology</i> , 2022, 84, 1.	1.1	2
2670	Magmatic evolution and architecture of an arc-related, rhyolitic caldera complex: The late Pleistocene to Holocene Cerro Blanco volcanic complex, southern Puna, Argentina. , 2022, 18, 394-423.		3
2671	Zircon Uâ€œPb dating and geological significance of the Dzhaldinda intrusion in the Kirovskoe gold deposit, Russia. <i>Arabian Journal of Geosciences</i> , 2022, 15, 1.	0.6	0
2672	High-Performance Computing of 3D Magma Dynamics, and Comparison With 2D Simulation Results. <i>Frontiers in Earth Science</i> , 2022, 9, .	0.8	2
2673	Paleogene Volcanism in the Northern Okhotsk Region. <i>Petrology</i> , 2022, 30, 40-59.	0.2	2

#	ARTICLE	IF	CITATIONS
2674	Petrogenesis of Mesozoic giant dike swarms and geodynamical insights about EMI-Gough flavors in the Equatorial Atlantic Magmatic Province. <i>Lithos</i> , 2022, 412-413, 106611.	0.6	1
2675	Petrogenesis of Early Permian basalts in the Turpan-Hami basin, NW China: Implications for the spatial limits of the Tarim mantle plume. <i>Journal of Asian Earth Sciences</i> , 2022, 226, 105097.	1.0	2
2676	Early Cretaceous back-arc basin basalt-type gabbros in the southeastern Tibetan Plateau: Implications for Neotethyan oceanic slab subduction. <i>Geological Journal</i> , 2022, 57, 2024-2045.	0.6	0
2677	Mantle and Crustal Contributions to the Mount Girnar Alkaline Plutonic Complex and the Circum-Girnar Mafic-Silicic Intrusions of Saurashtra, Northwestern Deccan Traps. <i>Journal of Petrology</i> , 2022, 63, .	1.1	9
2678	Zircon U-Pb chronology and Hf isotopes of the Lebowa Granite Suite and petrogenesis of the Bushveld Complex, South Africa. <i>Contributions To Mineralogy and Petrology</i> , 2022, 177, 1.	1.2	3
2679	Crustal contamination and hybridization of an embryonic oceanic crust during the Red Sea rifting (Tihama Asir igneous complex, Saudi Arabia). <i>Journal of Petrology</i> , 0, .	1.1	5
2680	Juvenile continental crust evolution in a modern oceanic arc setting: Petrogenesis of Cenozoic felsic plutons in Fiji, SW Pacific. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 320, 339-365.	1.6	6
2681	Continental crust recycling in ancient oceanic subduction zone: Geochemical insights from arc basaltic to andesitic rocks and paleo-trench sediments in southern Tibet. <i>Lithos</i> , 2022, 414-415, 106619.	0.6	5
2682	High-Mg Dioritic Magmas Generated via Fractional Crystallization: Insights from Early Cretaceous Complex in the Handan-Xingtai District, North China Craton. <i>Journal of Geology</i> , 2022, 130, 45-62.	0.7	0
2683	Petrogenesis of voluminous silicic magmas in the Sierra Madre Occidental large igneous province, Mexican Cordillera: Insights from zircon and Hf-O isotopes. , 0, .		2
2684	Construction and Destruction of Bontăfu Composite Volcano in the Extensional Setting of Zărand Basin during Miocene (Apuseni Mts., Romania). <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 243.	0.8	1
2685	The late Holocene Nealtican lava-flow field, Popocatepetl volcano, central Mexico: Emplacement dynamics and future hazards. <i>Bulletin of the Geological Society of America</i> , 2022, 134, 2745-2766.	1.6	5
2686	Geochemistry and Petrogenesis of Shoshonitic Dyke Swarm in the Northeast of Meshkinshahr, NW Iran. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 309.	0.8	0
2687	Lithosphere beneath the Evolving Tianshan Orogen: Constraints from Xenoliths. <i>Lithosphere</i> , 2022, .	0.6	0
2688	Petrogenesis, LA-ICP-MS zircon U-Pb geochronology and geodynamic implications of the Kribi metavolcanic rocks, Nyong Group, Congo craton. <i>Acta Geochimica</i> , 2022, 41, 470-495.	0.7	11
2689	Magma hybridization and crystallization in coexisting gabbroic and granitic bodies in the mid-crust, Akechi district, central Japan. <i>Mineralogy and Petrology</i> , 2022, 116, 189-228.	0.4	1
2690	The Role of Syn-Extensional Lamprophyre Magmatism in Crustal Dynamics—the Case of the Mendereş Metamorphic Core Complex, Western Turkey. <i>Journal of Petrology</i> , 2022, 63, .	1.1	1
2691	Co-Occurrence of HIMU and EM1 Components in a Single Magellan Seamount: Implications for the Formation of West Pacific Seamount Province. <i>Journal of Petrology</i> , 2022, 63, .	1.1	4

#	ARTICLE	IF	CITATIONS
2692	Testing petrogenetic models for contemporaneous mafic and felsic to intermediate magmatism within the "Newer Granite" suite of the Scottish and Irish Caledonides. , 2022, , 375-399.		7
2693	Identification of the Original Tectonic Setting for Oceanic Andesite Using Discrimination Diagrams: An Approach Based on Global Geochemical Data Synthesis. Journal of Earth Science (Wuhan, China), 2022, 33, 696-705.	1.1	4
2694	Early Cretaceous ultramafic-alkaline-carbonatite magmatism in the Shillong Plateau-Mikir Hills, northeastern India " a synthesis. Mineralogy and Petrology, 2023, 117, 447-466.	0.4	3
2695	Stable zirconium isotopic fractionation during alkaline magma differentiation: Implications for the differentiation of continental crust. Geochimica Et Cosmochimica Acta, 2022, 326, 41-55.	1.6	12
2696	Geochemical and zircon U-Pb-Hf isotopic study of volcanic rocks from the Yaolinghe Group, South Qinling orogenic belt, China: Constraints on the assembly and breakup of Rodinia. Precambrian Research, 2022, 371, 106603.	1.2	7
2697	Late Early Cretaceous magmatic constraints on the timing of closure of the Bangong"Nujiang Tethyan Ocean, Central Tibet. Lithos, 2022, 416-417, 106648.	0.6	2
2698	Exploring the role of fluid-solid interactions for modelling volcano deformation. Journal of Volcanology and Geothermal Research, 2022, 426, 107535.	0.8	3
2699	Petrogenetic evolution of early Paleozoic trachytic rocks in the South Qinling Belt, Central China: Insights from mineralogy, geochemistry, and thermodynamic modeling. Lithos, 2022, 418-419, 106683.	0.6	1
2700	On the melt differentiation in the intermediate chamber (by the example of differentiated intrusives of) Tj ETQq0 0 0 rgBT /Overlock 10	0.3	4
2701	Conditions and Mechanisms of the Formation of Sulfide"Oxide Mineralization upon Melt Differentiation in the Intermediate Chamber: Example of Intrusion on the Western Slope of the Southern Urals. Geology of Ore Deposits, 2021, 63, 556-578.	0.2	1
2702	Origin and tectonic implication of mafic dykes: The Permian diabases in Santanghu Basin, <sc>NW</sc> China. Geological Journal, 2022, 57, 1724-1740.	0.6	2
2703	Modelling the Formation of Linear Geochemical Trends Using the Magma Chamber Simulator: A Case Study of the Jindabyne Granitoids, Lachlan Fold Belt, Australia. Journal of Petrology, 2022, 63, .	1.1	2
2704	Polybaric fractional crystallisation of arc magmas: an experimental study simulating trans-crustal magmatic systems. Contributions To Mineralogy and Petrology, 2022, 177, 1.	1.2	26
2705	Evaluation of nonneoplastic findings on vaginal smears with comparison of intrauterine devices and oral contraceptive pill effects. Turkish Journal of Medical Sciences, 0, , .	0.4	5
2706	Generation of Continental Alkalic Mafic Melts by Tholeiitic Melt" Mush Reactions: a New Perspective from Contrasting Mafic Cumulates and Dikes in Central Tibet. Journal of Petrology, 2022, 63, .	1.1	4
2707	Geochronology and geochemistry of the dioritic rocks from the Inexpressible Island, Northern Victoria Land, Antarctica and their geological implications. Acta Petrologica Sinica, 2022, 38, 923-941.	0.3	2
2708	Evidence for a Single Large Igneous Province at 2.11"Ga across Supercraton Superia. Journal of Petrology, 2022, 63, .	1.1	2
2709	New insights into the mantle source of a large igneous province from highly siderophile element and Sr-Nd-Os isotope compositions of carbonate-rich ultramafic lamprophyres. Geochimica Et Cosmochimica Acta, 2022, 326, 77-96.	1.6	1

#	ARTICLE	IF	CITATIONS
2710	Quaternary Collision-Zone Magmatism of the Greater Caucasus. <i>Journal of Petrology</i> , 2022, 63, .	1.1	4
2711	The role of assimilation and fractional crystallization in the evolution of the Mars crust. <i>Earth and Planetary Science Letters</i> , 2022, 585, 117514.	1.8	6
2712	Neodymium in igneous rocks. , 1998, , 418-421.		0
2732	Petrogenesis of Miocene igneous rocks in the Tafresh area (central Urumiehâ€Dokhtar magmatic arc.) Tj ETQq1 1 0,784314 rgBT /Ov	0.6	9
2735	æ±†èšæŷâ•–è³/41ç1/4~æž,,éœ1/4”âCE–âšâ...¶âœ°è~æ•â°”. <i>SCIENTIA SINICA Terrae</i> , 2022, 52, 1213-1242.	0.1	5
2736	Geochemical evidence for incorporation of subducting sediment-derived melts into the mantle source of Paleozoic high-Mg andesites from northwestern Tianshan in western China. <i>Bulletin of the Geological Society of America</i> , 2023, 135, 310-330.	1.6	4
2737	Sr-Nd-Hf Isotopic Disequilibrium During the Partial Melting of Metasediments: Insight From Himalayan Leucosome. <i>Frontiers in Earth Science</i> , 2022, 10, .	0.8	1
2738	Nd-Hf isotopic systematics of the arc mantle and their implication for continental crust growth. <i>Chemical Geology</i> , 2022, 602, 120897.	1.4	5
2739	Mineralogy and geochemistry of lavas from the submarine lower caldera walls of Santorini Volcano (Greece). <i>Journal of Volcanology and Geothermal Research</i> , 2022, 427, 107556.	0.8	1
2740	Thermodynamic constraints on the petrogenesis of massif-type anorthosites and their parental magmas. <i>Lithos</i> , 2022, 422-423, 106751.	0.6	1
2741	Proterozoic Newer Dolerite Dyke Swarm Magmatism in the Singhbhum Craton, Eastern India. , 0, , .		1
2742	Tectonic evolution of convergent plate margins and its geological effects. <i>Science China Earth Sciences</i> , 2022, 65, 1247-1276.	2.3	37
2743	A plume broke up Columbia supercontinent: Evidence from the Mesoproterozoic metamafic rocks in the Tarim Craton, NW China. <i>Precambrian Research</i> , 2022, 377, 106719.	1.2	3
2744	Decoupling of Mg from Srâ€Nd isotopic compositions in Variscan subduction-related plutonic rocks from the Bohemian Massif: implications for mantle enrichment processes and genesis of orogenic ultrapotassic magmatic rocks. <i>International Journal of Earth Sciences</i> , 2022, 111, 1491-1518.	0.9	1
2745	Geochronology and petrogenesis of granitoids and associated mafic enclaves from Chohroud in the Urumiehâ€Dokhtar Magmatic Arc (Iran): Evidence for magma mixing during the closure of the Neotethyan Ocean. <i>Geological Journal</i> , 2022, 57, 3313-3332.	0.6	4
2746	Sr-Nd Isotope Composition and Petrogenetic Properties of Upper Mantle Originated Late Cretaceous ElazÃ±ÅY Magmatic Rocks. <i>International Journal of Pure and Applied Sciences</i> , 0, , .	0.3	0
2747	Chemical Mohometry: Assessing Crustal Thickness of Ancient Orogens Using Geochemical and Isotopic Data. <i>Reviews of Geophysics</i> , 2022, 60, .	9.0	16
2748	Does Largeâ€Scale Crustal Flow Shape the Eastern Margin of the Tibetan Plateau? Insights From Episodic Magmatism of Gonggaâ€Zheduo Granitic Massif. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	6

#	ARTICLE	IF	CITATIONS
2749	Melt generation and trace element fractionation of intermediate arc magma from Andaman subduction zone. <i>Chemie Der Erde</i> , 2022, , 125899.	0.8	1
2750	Reply to Comment by Birger Rasmussen and Janet R. Muhling on "Early Archean biogeochemical iron cycling and nutrient availability: New insights from a 3.5 Ga land-sea transition" by Johnson et al.. <i>Earth-Science Reviews</i> , 2022, 231, 104087.	4.0	4
2751	On the unusual presence of a Quaternary peralkaline volcanic center, rear-arc region of the Trans-Mexican Volcanic Belt eastern sector: geochemical and isotopic characterization of the Las Navajas "Hidalgo stratovolcano. <i>International Journal of Earth Sciences</i> , 2022, 111, 1983-2015.	0.9	1
2752	Magmatic Processes of the Upper Cretaceous Susuma "Nagaho Plutonic Complex, Southwest Japan: Its Role on Crustal Growth and Recycling in Active Continental Margins. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 762.	0.8	0
2753	Mafic magma-driven magmatic processes and compositional variation in granitic pluton construction: The Buya intrusion of West Kunlun, Northwestern China. , 2022, 18, 1247-1263.		4
2754	Petrogenesis and Tectonics of Eocene "Oligocene Phonolites of Mecejana, Cear, NE Brazil: the Role of the Fernando de Noronha Fracture Zone, Equatorial Atlantic. <i>Journal of Petrology</i> , 2022, 63, .	1.1	2
2755	Slab break-off-related magnesian andesites and dacites with adakitic affinity from the early Quaternary KeÅiboyduran stratovolcano, Cappadocia province, central Turkey: evidence for slab/sediment melt "mantle interaction and magma mixing. <i>Contributions To Mineralogy and Petrology</i> , 2022, 177, .	1.2	3
2756	Geochronology and petrogenesis of Neoproterozoic mafic dykes in the Aktash Tagh, SE Tarim Craton: New evidence for its tectonic setting and location in the Rodinia supercontinent. <i>Precambrian Research</i> , 2022, 378, 106754.	1.2	3
2757	Two episodes of Late Paleozoic mafic magmatism in the western Tianshan Orogen: From Carboniferous subduction to Permian post-collisional extension. <i>Gondwana Research</i> , 2022, 109, 518-535.	3.0	2
2758	Mechanical fragmentation and thermal erosion of dyke adjacent host rocks induced by fluid-dynamic shear stress and latent heat release in response to turbulent magma flow. <i>Journal of Volcanology and Geothermal Research</i> , 2022, 429, 107599.	0.8	5
2759	Role of Mafic Replenishments in the Geochemical Evolution of the Deer Isle Granite, Coastal Maine. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
2760	Geochemistry and U-Pb Geochronology of a Pre-Collisional Neoproterozoic Alkaline Granitoids, Midwest Brazil: The Itacaiu Pluton from Cocalinho Region, Mato Grosso State. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
2761	Sulfur Isotope and Trace Element Systematics in Arc Magmas: Seeing through the Degassing via a Melt Inclusion Study of Kyushu Island Volcanoes, Japan. <i>Journal of Petrology</i> , 2022, 63, .	1.1	3
2762	U "Pb age dating and geochemical fingerprints of Cambrian granites in the North Moroccan Meseta. Implication for the continental rift opening in the Northwest Gondwana margin. <i>Journal of African Earth Sciences</i> , 2022, , 104644.	0.9	1
2763	Evolucin de la deformacin Cretcico-Paleoceno en el borde occidental de Colombia (sector norte). <i>Boletín De Geología</i> , 2022, 44, 15-50.	0.1	0
2764	Petrology of the Paleogene shoshonitic volcanism in north Sarab area, NW Iran: Geochemical, Ar-Ar dating and Sr-Nd-Pb isotopic constraints. <i>Journal of Asian Earth Sciences: X</i> , 2022, 8, 100109.	0.6	1
2765	Contemporaneous Late Cretaceous Calc-alkaline and Alkaline Magmatism in Central Anatolia, Turkey: O Isotope Constraints on Petrogenesis. <i>Turkish Journal of Earth Sciences</i> , 0, , .	0.4	2
2766	Early Cretaceous Granitoids Magmatism in the Nagqu Area, Northern Tibet: Constraints on the Timing of the Lhasa "Qiangtang Collision. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 933.	0.8	5



#	ARTICLE	IF	CITATIONS
2767	<sup>40</sup> Ar- <sup>39</sup> Ar dating, whole-rock and Sr-Nd isotope geochemistry of the Middle Eocene calc-alkaline volcanic rocks in the Bayburt area, Eastern Pontides (NE Turkey): Implications for magma evolution in an extension-related setting. <i>Mineralogy and Petrology</i> , 2022, 116, 379-399.	0.4	5
2768	Geochemical and zircon U-Pb geochronological constraints on late mesozoic Paleo-Pacific subduction-related volcanism in southern Vietnam. <i>Mineralogy and Petrology</i> , 2022, 116, 349-368.	0.4	4
2769	Geologia e geoquímica do vulcanismo miocênico da região de Serra Preta, Pedro Avelino/RN, NE do Brasil. <i>Geologia USP - Serie Científica</i> , 2022, 22, 59-86.	0.1	0
2770	Genesis of Oceanic Oxide Gabbros and Gabbroanorthites During Reactive Melt Migration at Transform Walls (Doldrums Megatransform System; 8°N Mid-Atlantic Ridge). <i>Journal of Petrology</i> , 2022, 63, .	1.1	7
2771	Geochronology and petrogenesis of the Yeba formation volcanic rocks in the Epingsong area, southern Lhasa terrane, Tibet: record of the Neo-Tethys subduction. <i>International Geology Review</i> , 2023, 65, 1765-1780.	1.1	0
2772	Petrogenesis of Permian to Triassic granitoids from the East Kunlun orogenic belt: implications for crustal evolution during oceanic subduction and continental collision. <i>International Geology Review</i> , 2023, 65, 1781-1799.	1.1	2
2773	Batholith recorded mesozoic multistage tectonic evolution of the South china block: A case study of the guandimiao intrusions. <i>Frontiers in Earth Science</i> , 0, 10, .	0.8	0
2774	Petrogenetic evolution of Lichi volcanics from Arunachal Himalaya, Northeast India: Insights from geochemical modelling. <i>Geological Journal</i> , 2022, 57, 4955-4973.	0.6	3
2775	Remote sensing techniques and geochemical constraints on the formation of the Wadi El-Hima mineralized granites, Egypt: new insights into the genesis and accumulation of garnets. <i>International Journal of Earth Sciences</i> , 2022, 111, 2409-2443.	0.9	9
2776	A Role for Crustal Assimilation in the Formation of Copper-Rich Reservoirs at the Base of Continental Arcs. <i>Economic Geology</i> , 2022, 117, 1481-1496.	1.8	5
2777	Ca-isotopes as a robust tracer of magmatic differentiation. <i>Earth and Planetary Science Letters</i> , 2022, 594, 117743.	1.8	12
2778	Linking granulites, intraplate magmatism, and bi-mineralic eclogites with a thermodynamic-petrological model of melt-solid interaction at the base of anorogenic lower continental crust. <i>Earth and Planetary Science Letters</i> , 2022, 594, 117742.	1.8	5
2779	Basalt Mo isotope evidence for crustal recycling in continental subduction zone. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 334, 273-292.	1.6	7
2780	The subduction-related Saindak porphyry Cu-Au deposit formed by remelting of a thickened juvenile lower crust underneath the Chagai belt, Pakistan. <i>Ore Geology Reviews</i> , 2022, 149, 105062.	1.1	2
2781	Reworking subducted sediments in arc magmas and the isotopic diversity of the continental crust: The case of the Ordovician Famatinian crustal section, Argentina. <i>Earth and Planetary Science Letters</i> , 2022, 595, 117706.	1.8	18
2782	Volcanism at the end of continental rifting: The Cretaceous syn-rift to post-rift transition in the Songliao Basin (NE China). <i>Gondwana Research</i> , 2022, 111, 174-188.	3.0	9
2783	Geochronology and geochemistry of the Miocene volcanics from the Kütahya area: Constraints for post-collisional magmatism in western Anatolia, Turkey. <i>Journal of African Earth Sciences</i> , 2022, 195, 104679.	0.9	1
2784	Mineralogical, geochemical, and isotopic data of a new special agpaite dyke, enriched in high field strength elements (Eastern Part of Baltic Shield, Russia). <i>Lithos</i> , 2022, 428-429, 106828.	0.6	0

#	ARTICLE	IF	CITATIONS
2785	Trace element and Sr-Nd-Hf-Pb isotopic constraints on the composition and evolution of eastern Anatolian sub-lithospheric mantle. <i>Lithos</i> , 2022, 430-431, 106849.	0.6	0
2786	Barium isotope evidence of a fluid-metasomatized mantle component in the source of Azores OIB. <i>Chemical Geology</i> , 2022, 610, 121097.	1.4	8
2787	Geothermobarometry and geochemical modeling of Archean charnockites from Carajás Province, Amazonian craton, Brazil. <i>Brazilian Journal of Geology</i> , 2022, 52, .	0.3	0
2788	Petrogenesis of Estrela Orthogneiss and Associated Lithotypes and Their Implications for the Evolution of the Rio Doce Magmatic Arc: Araçuaia-Ribeira Orogenic System, SE Brazil. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
2789	A Late Cambrian Continental Convergent Margin in the North Qilian Orogenic Belt, Northwestern China: Geochemical and Geochronological Evidence from Hongtugou Mafic Rocks. <i>Minerals (Basel)</i> , 2022, 12, 1010. <a href="https://doi.org/10.3390/min12101010">https://doi.org/10.3390/min12101010</a>	0.8	0
2790	Brown Amphibole as Tracer of Tectono-Magmatic Evolution of the Atlantis Bank Oceanic Core Complex (IODP Hole U1473A). <i>Journal of Petrology</i> , 2022, 63, .	1.1	5
2791	Tracking crustal assimilation processes in kimberlites from the Alto Paranaíba Igneous Province, Brazil: Petrographic and geochemical controls and the role of perovskites. <i>Lithos</i> , 2022, 432-433, 106888.	0.6	1
2792	Mineral chemistry of biotite and hornblende from mesoproterozoic quartz syenite intrusions of the Cuddapah Intrusive Province, Eastern Dharwar Craton, India: implications for their source characterization. <i>Mineralogy and Petrology</i> , 0, , .	0.4	0
2793	Generation and Field Relations of Low- $\delta^{18}\text{O}$ Silica-Undersaturated and Mildly Saturated Alkaline Magmas: a Case Study from the Fataga Group, Gran Canaria. <i>Journal of Petrology</i> , 2022, 63, .	1.1	3
2794	Rhyolitic melt production in the midst of a continental arc flare-up: The heterogeneous Caspana ignimbrite of the Altiplano-Puna volcanic complex of the Central Andes. <i>Journal of Petrology</i> , 2022, 18, 1679-1709.		2
2795	Osmium isotopes fingerprint mantle controls on the genesis of an epithermal gold province. <i>Geology</i> , 2022, 50, 1291-1295.	2.0	3
2796	Melting, compaction and reactive flow: Controls on melt fraction and composition change in crustal mush reservoirs. <i>Journal of Petrology</i> , 0, , .	1.1	3
2797	Petrogenesis of mafic-intermediate magmatism of the Michoacán-Guanajuato volcanic field in Western Mexico. A geochemical review. <i>Frontiers in Earth Science</i> , 0, 10, .	0.8	0
2798	Petrogenesis and tectonic implications of Cenozoic mafic volcanic rocks in the Kahak area of central Urumieh-Dokhtar magmatic arc, Iran. <i>Journal of Asian Earth Sciences</i> , 2022, 239, 105404.	1.0	1
2799	Continental growth during migrating arc magmatism and terrane accretion at Sikhote-Alin (Russian) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.6	5
2800	<i>In situ</i> $^{87}\text{Rb}$ - $^{87}\text{Sr}$ analyses of terrestrial and extraterrestrial samples by LA-MC-ICP-MS/MS with double Wien filter and collision cell technologies. <i>Journal of Analytical Atomic Spectrometry</i> , 2022, 37, 2420-2441.	1.6	9
2801	A Comparison of Granite Genesis in the Adelaide Fold Belt and Glenelg River Complex Using $^{206}\text{Pb}$ , Hf and O Isotopes in Zircon. <i>Journal of Petrology</i> , 2022, 63, .	1.1	0
2802	Advances in seismic imaging of magma and crystal mush. <i>Frontiers in Earth Science</i> , 0, 10, .	0.8	16

#	ARTICLE	IF	CITATIONS
2803	Geochemical studies of hybrid granite from Madugulapalli area, Eastern Dharwar Craton, Southern India: Implications for crustal mixing. <i>Acta Geochimica</i> , 2023, 42, 9-23.	0.7	1
2804	The Magmatic Evolution and the Regional Context of the 1835 ÅAD Osorno Volcano Products (41 Å°06 Å€™S,) Tj ETQq1 1 0.784314 rjB	1.1	0
2805	Abrolhos Magmatic Province petrogenesis and its link with the Vitória-Trindade Ridge, Southeast Brazilian Margin, South Atlantic Ocean. <i>Journal of South American Earth Sciences</i> , 2022, 120, 104075.	0.6	1
2806	AFC-Modeler: a Microsoft Å® Excel Å© workbook program for modelling assimilation combined with fractional crystallization (AFC) process in magmatic systems by using equations of DePaolo (1981). <i>Turkish Journal of Earth Sciences</i> , 0, , .	0.4	3
2807	Multi-stage melt impregnation and magma Å€ seawater interaction in a slow-spreading oceanic lithosphere: constraints from cumulates in the Lagkorco ophiolite (central Tibet). <i>Contributions To Mineralogy and Petrology</i> , 2022, 177, .	1.2	3
2808	Middle-late Miocene rift-related magmatism in Guaymas, Sonora, Mexico at the eastern margin of the Gulf of California: Petrogenetic implications associated to the Pacific-north American plate boundary. <i>Applied Geochemistry</i> , 2023, 148, 105508.	1.4	2
2809	Geochemistry of <scp>meta Å€ mafic</scp> and <scp>meta Å€ tonalite Å€ trondhjemite</scp> intrusives from Jaintia and Karbi Anglong hills of Shillong Plateau, North East India: Implications on the evolution of the Proterozoic Shillong Basin. <i>Geological Journal</i> , 2022, 57, 5097-5126.	0.6	1
2810	Geochemical Characteristics of Mafic and Intermediate Volcanic Rocks from the Hasanda ÅŸ and Erciyes Volcanoes (Central Anatolia, Turkey). <i>Turkish Journal of Earth Sciences</i> , 0, , .	0.4	3
2811	Precaldera Mafic Magmatism at Long Valley, California: Magma-Tectonic Siting and Incubation of the Great Rhyolite System. <i>Journal of Volcanology and Geothermal Research</i> , 2023, 433, 107726.	0.8	1
2812	Ultra-depleted melt product preserved in the Ladong ophiolitic peridotites of the North Qilian Orogenic Belt, Northern Tibet. <i>Lithos</i> , 2023, 436-437, 106985.	0.6	1
2813	Neoproterozoic lithospheric extension related to break-up of the Rodinia supercontinent: Constraints from a newly-identified granite porphyry in southeastern Yunnan, China. <i>Precambrian Research</i> , 2023, 385, 106948.	1.2	0
2814	Mesozoic slab-derived magmas from mid-eastern China: Responses to a ridge-transform fault-ridge subduction system. <i>Chemical Geology</i> , 2023, 617, 121259.	1.4	0
2815	Neogene calc-alkaline volcanism in Bobak and Sikh Kuh, Eastern Iran: Implications for magma genesis and tectonic setting. <i>Mineralogy and Petrology</i> , 0, , .	0.4	0
2816	Variable element enrichment sources and contributions to volcanic rocks along the Lesser Antilles Island Arc. <i>Frontiers in Earth Science</i> , 0, 10, .	0.8	1
2817	Extensive crystal fractionation of high-silica magmas revealed by K isotopes. <i>Science Advances</i> , 2022, 8, .	4.7	5
2818	Golpayegan Metamorphic Complex (Sanandaj Å€ Sirjan Zone, Iran) as Evidence for Cadomian Back-Arc Magmatism: Structure, Geochemistry and Isotopic Data. <i>Geotectonics</i> , 0, , .	0.2	0
2819	Geochemistry, magma flow characteristics and petrogenesis of Paleoproterozoic NW Å€ NNW trending mafic dykes from central Bastar craton, India. <i>Journal of Earth System Science</i> , 2023, 132, .	0.6	3
2820	The Cretaceous volcanism of the Songliao Basin: Mantle sources, magma evolution processes and implications for the NE China geodynamics - A review. <i>Earth-Science Reviews</i> , 2023, 237, 104294.	4.0	2

#	ARTICLE	IF	CITATIONS
2821	The growth of the Zimbabwe craton during the Neoproterozoic. <i>Contributions To Mineralogy and Petrology</i> , 2023, 178, .	1.2	2
2822	Tracking Magma-Crust-Fluid Interactions at High Temporal Resolution: Oxygen Isotopes in Young Silicic Magmas of the Taupã Volcanic Zone. <i>Geochemistry, Geophysics, Geosystems</i> , 2023, 24, .	1.0	4
2823	Lithology of EM1 Reservoir Revealed by Fe Isotopes of Continental Potassic Basalts. <i>Journal of Geophysical Research: Solid Earth</i> , 2023, 128, .	1.4	1
2824	Pre-eruptive Evolution and Timescales of Silicic Volcanism in the Tarim Large Igneous Province. <i>Journal of Geophysical Research: Solid Earth</i> , 2023, 128, .	1.4	1
2825	Growth of the continental crust induced by slab rollback in subduction zones: Evidence from Middle Jurassic arc andesites in central Tibet. <i>Gondwana Research</i> , 2023, 117, 8-22.	3.0	2
2826	Petrogenesis and tectonic significance of two bimodal volcanic stages from the Ediacaran Campo Alegre-Corupã Basin (Brazil): Record of metacratonization during the consolidation of Western Gondwana. <i>Precambrian Research</i> , 2023, 385, 106950.	1.2	1
2827	Arc-like magmatism in syn- to post-collisional setting: The Ediacaran Angra Fria Magmatic Complex (NW) Tj ETQq0 0 0 rgBT /Overlock 10 Geodynamics, 2023, 155, 101960.	0.7	2
2828	Cumulate Formation and Melt Extraction from Mush-Dominated Magma Reservoirs: The Melt Flush Process Exemplified at Mid-Ocean Ridges. <i>Journal of Petrology</i> , 2023, 64, .	1.1	9
2829	High-K andesites as witnesses of a continental arc system in the Western Alps, Italy: constraints from HFSE and Hf- <sup>177</sup> Sr- <sup>206</sup> Pb- <sup>207</sup> Pb-O isotope systematics. <i>Contributions To Mineralogy and Petrology</i> , 2023, 178, .	1.2	1
2830	A Mantle Plume Connection for Alkaline Lamprophyres (Sannaites) from the Permian Tarim Large Igneous Province: Petrological, Geochemical and Isotopic Constraints. <i>Journal of Petrology</i> , 2023, 64, .	1.1	3
2831	Petrologic Evolution of Post-collisional Magmas of Spinel-lherzolite Subcontinental Mantle Contaminated by Continental Crust; Palandiken (Erzurum) Volcanic Rocks in the East Anatolia, Turkey. <i>Journal of the Geological Society of India</i> , 2023, 99, 23-36.	0.5	0
2832	Two types of slab components under Ecuadorian volcanoes supported by primitive olivine-hosted melt inclusion study. <i>Lithos</i> , 2023, , 107049.	0.6	0
2833	Vestiges of the Kerguelen Mantle Plume in Southern Tibet: Evidence from 123-117 Ma Magmatism in the Dingri Area of the Central Tethys Himalaya. <i>Acta Geologica Sinica</i> , 2023, 97, 1163-1180.	0.8	0
2834	Geological History, Chronology and Magmatic Evolution of Merapi. <i>Active Volcanoes of the World</i> , 2023, , 137-193.	1.0	13
2835	Generation of the Early Cretaceous granitoid in the Dazeshan region, Jiaodong Peninsula: Implications for the crustal reworking in the North China Craton. <i>Frontiers in Earth Science</i> , 0, 10, .	0.8	3
2836	The effects of the source composition on the origin of orthopyroxene-bearing adakitic granitoid in West Qinling, Central China. <i>Geoscience Frontiers</i> , 2023, 14, 101554.	4.3	2
2837	Geochemical and thermodynamic constraints on Archean comagmatic volcanic and cumulate rocks from southern West Greenland. <i>Geochimica Et Cosmochimica Acta</i> , 2023, 348, 122-139.	1.6	2
2838	Zircon U-Pb geochronology and Sm-Nd and Rb-Sr isotope systematics of Neoproterozoic granitoids from Bou Azzer (Anti-Atlas - Morocco): The obduction trigger of the central Anti-Atlas terrane. <i>Journal of African Earth Sciences</i> , 2023, 202, 104900.	0.9	5

#	ARTICLE	IF	CITATIONS
2839	Petrogenesis of estrela granitoid and implications for the evolution of the rio doce magmatic arc: Araçuaia-Ribeira orogenic system, SE Brazil. <i>Journal of South American Earth Sciences</i> , 2023, 126, 104337.	0.6	0
2841	Magmatism and thermal effect of the Late Paleoproterozoic layered complex in the Jining terrane, North China Craton: Evidence from magmatic cooling duration and crust-mantle interaction. <i>Precambrian Research</i> , 2023, 389, 107030.	1.2	0
2842	A linkage between early Silurian Nb-REE enriched alkaline magmatism and Neoproterozoic subduction metasomatized mantle in South Qinling, Central China. <i>Lithos</i> , 2023, 440-441, 107046.	0.6	1
2843	Late Triassic magmatic rocks in the southern East Kunlun Orogenic Belt, northern Tibetan Plateau: Petrogenesis and tectonic implications. <i>International Geology Review</i> , 0, , 1-24.	1.1	0
2844	Successive granitic magma pulses from heterogeneous source, emplaced in medium to deep crust: The case of The Parnamirim Batholith (Brazil). <i>Lithos</i> , 2023, 442-443, 107061.	0.6	0
2845	Multi-scale isotopic heterogeneity reveals a complex magmatic evolution: An example from the wallundry suite granitoids of the lachlan fold belt, Australia. <i>Frontiers in Earth Science</i> , 0, 11, .	0.8	0
2846	Petrogenesis of the Girnar Complex in the Deccan Traps Province, India. <i>Journal of Petrology</i> , 2023, 64, .	1.1	1
2847	Prolonged Mantle Modification beneath the North China Craton: Evidence from Contrasting Mafic Dykes in Jiaodong Peninsula. <i>Journal of Earth Science (Wuhan, China)</i> , 0, , .	1.1	0
2848	Late Eocene slab retreat, extension, and mantle upwelling inferred from mantle signatures in potassium-rich magmatism in NE Iran. <i>International Geology Review</i> , 2023, 65, 1586-1600.	1.1	5
2849	The genesis of granite mass in the volcanic area of Litang, Chuanxi province: constraints from rock geochemistry and U-Pb zircon dating. <i>Environmental Earth Sciences</i> , 2023, 82, .	1.3	0
2850	Thermobarometric and structural constraints on multistage emplacement mechanism of the Garagheh pluton, Sistan Suture Zone (SE Iran). <i>Journal of Asian Earth Sciences</i> , 2023, 250, 105624.	1.0	0
2851	The garnet effect on hafnium isotope compositions of granitoids during crustal anatexis. <i>Geology</i> , 2023, 51, 439-443.	2.0	0
2852	Paleoproterozoic Crust-Mantle Interaction in the Khondalite Belt, North China Craton: Constraints from Geochronology, Elements, and Hf-O-Sr-Nd Isotopes of the Layered Complex in the Jining Terrane. <i>Minerals (Basel, Switzerland)</i> , 2023, 13, 462.	0.8	0
2853	Compositional Evolution of Polygenetic Fissure Volcanic Systems: Insights From the Latest Eruptions at Craters of the Moon Volcanic Field. <i>Geochemistry, Geophysics, Geosystems</i> , 2023, 24, .	1.0	0
2854	$^{147}\text{Sm}/^{143}\text{Nd}$ and Sr Isotope Ratios of Reference Material Basalt Ribeirão Preto (BRP-1). <i>Geostandards and Geoanalytical Research</i> , 2023, 47, 841-854.	1.7	1
2855	Devonian ignimbrites of central Victoria: explosive magmas from multiple sources, and deep crustal structure in the Selwyn Block. <i>Australian Journal of Earth Sciences</i> , 2023, 70, 535-547.	0.4	2
2856	Major-, trace-element and Sr-Nd-Hf isotope geochemistry of diamondiferous dykes from Tonguma and Koidu, Sierra Leone: Highly micaceous kimberlites formed by assimilation of metasomatised lithospheric mantle rocks. <i>Chemical Geology</i> , 2023, 630, 121475.	1.4	4
2857	Zircon U-Pb Geochronology, Geochemistry and Geological Significance of the Santaishan-Yingjiang Ultramafic Rocks in Western Yunnan, China. <i>Minerals (Basel, Switzerland)</i> , 2023, 13, 536.	0.8	1

#	ARTICLE	IF	CITATIONS
2858	Magma Source and Petrogenesis of the Early Cretaceous Granites in The Liaodong Peninsula: Evidence from In Situ Apatite Sr-Nd and Zircon Hf-O Isotopes. Minerals (Basel, Switzerland), 2023, 13, 545.	0.8	0
2859	Origin of the Paleoproterozoic basaltic dikes from the central and eastern Dharwar Craton and sills and volcanics from the adjoining Cuddapah Basin, southern India. Contributions To Mineralogy and Petrology, 2023, 178, .	1.2	0
2919	Reply to comment on "Long or short silicic magma residence time beneath Hekla volcano, Iceland" by Sigmarsson O, Bergsdóttir I A, Devidal J-L, Larsen G, Gannoun A. Contributions To Mineralogy and Petrology, 2023, 178, .	1.2	0
2929	Geochemical modeling. , 2023, , .		0