Igneous thermometers and barometers based on plagio some existing models and new calibrations

American Mineralogist

90, 336-346

DOI: 10.2138/am.2005.1449

Citation Report

#	Article	IF	Citations
1	Pyrometamorphism of 19th-century kiln artifacts from Caledonia Springs, Ontario, Canada. Geoarchaeology - an International Journal, 2005, 20, 777-796.	0.7	3
2	Rapid decompression-driven crystallization recorded by melt inclusions from Mount St. Helens volcano. Geology, 2005, 33, 793.	2.0	207
3	Magma Evolution and Open-System Processes at Shiveluch Volcano: Insights from Phenocryst Zoning. Journal of Petrology, 2006, 47, 2303-2334.	1.1	237
4	Magma heating by decompression-driven crystallization beneath andesite volcanoes. Nature, 2006, 443, 76-80.	13.7	272
5	PHASE-EQUILIBRIUM CONSTRAINTS ON KILN TEMPERATURES AT THE EBY POTTERY (ca. 1857-1905), CONESTOGO, ONTARIO. Canadian Mineralogist, 2006, 44, 1257-1266.	0.3	1
6	Role of Syn-eruptive Cooling and Degassing on Textures of Lavas from the AD 1783-1784 Laki Eruption, South Iceland. Journal of Petrology, 2007, 48, 1265-1294.	1.1	44
7	PETROLOGY OF FLOOD BASALTS AT THE THOLEIITIC ALKALIC TRANSITION AND PHENOCRYST COMPOSITIONS, MT. MARION DUFRESNE, KERGUELEN ARCHIPELAGO, SOUTHERN INDIAN OCEAN. Canadian Mineralogist, 2007, 45, 809-835.	0.3	4
8	H2O-rich island arc low-K tholeiite magma inferred from Ca-rich plagioclase-melt inclusion equilibria. Geochemical Journal, 2007, 41, 437-461.	0.5	61
9	The Graveyard Point Intrusion: an Example of Extreme Differentiation of Snake River Plain Basalt in a Shallow Crustal Pluton. Journal of Petrology, 2007, 48, 303-325.	1.1	25
10	Neogene basanites in western Kamchatka: Mineralogy, geochemistry, and geodynamic setting. Petrology, 2007, 15, 488-508.	0.2	10
11	Genesis of post-hotspot, A-type rhyolite of the Eastern Snake River Plain volcanic field by extreme fractional crystallization of olivine tholeiite. Bulletin of Volcanology, 2008, 70, 361-383.	1.1	88
12	Thermometers and Barometers for Volcanic Systems. Reviews in Mineralogy and Geochemistry, 2008, 69, 61-120.	2.2	1,476
13	Petrology and geochemistry of lava and ash erupted from VolcÃ¡n Colima, Mexico, during 1998â€“2005. Journal of Volcanology and Geothermal Research, 2008, 174, 241-256.	0.8	76
14	The magmatic feeding system of El Reventador volcano (Sub-Andean zone, Ecuador) constrained by texture, mineralogy and thermobarometry of the 2002 erupted products. Journal of Volcanology and Geothermal Research, 2008, 176, 94-106.	0.8	92
15	Relation between microlite textures and discharge rate during the 1991â€“1995 eruptions at Unzen, Japan. Journal of Volcanology and Geothermal Research, 2008, 175, 141-155.	0.8	61
16	Storage conditions and evolution of andesitic magma prior to the 1991â€“95 eruption of Unzen volcano: Constraints from natural samples and phase equilibria experiments. Journal of Volcanology and Geothermal Research, 2008, 175, 168-180.	0.8	29
17	Bang! Month-Scale Eruption Triggering at Santorini Volcano. Science, 2008, 321, 1178-1178.	6.0	81
18	Assimilation of Plutonic Roots, Formation of High-K â€˜Exoticâ€™ Melt Inclusions and Genesis of Andesitic Magmas at VolcÃ¡n De Colima, Mexico. Journal of Petrology, 2008, 49, 2221-2243.	1.1	92

#	Article	IF	Citations
19	A Temporal Record of Magma Accumulation and Evolution beneath Nevado de Toluca, Mexico, Preserved in Plagioclase Phenocrysts. Journal of Petrology, 2009, 50, 405-426.	1.1	52
20	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. Journal of Petrology, 2009, 50, 1639-1665.	1.1	35
21	Deep Crystallization Differentiation of Arc Tholeiite Basalt Magmas from Northern Honshu Arc, Japan. Journal of Petrology, 2009, 50, 1025-1046.	1.1	18
22	Geochemical Stratigraphy of Submarine Lavas (3â€“5 Ma) from the Flamengos Valley, Santiago, Southern Cape Verde Islands. Journal of Petrology, 2009, 50, 169-193.	1.1	33
23	Eruptive style of the young high-Mg basaltic-andesite Pelagatos scoria cone, southeast of MÃ©xico City. Bulletin of Volcanology, 2009, 71, 859-880.	1.1	50
24	Copper transport by high temperature, sulfur-rich magmatic vapor: Evidence from silicate melt and vapor inclusions in a basaltic andesite from the Villarrica volcano (Chile). Earth and Planetary Science Letters, 2009, 282, 115-121.	1.8	79
25	Geochemical and petrographic evidence for magmatic impregnation in the oceanic lithosphere at Atlantis Massif, Mid-Atlantic Ridge (IODP Hole U1309D, 30Â°N). Chemical Geology, 2009, 264, 71-88.	1.4	134
26	Too little, too late: the geochemistry of a 1773 Philadelphia porcelain openwork basket. Journal of Archaeological Science, 2009, 36, 333-342.	1.2	5
27	A thermodynamic model for the plagioclase-liquid hygrometer/thermometer. American Mineralogist, 2009, 94, 494-506.	0.9	236
28	Liquidus temperatures of the Skaergaard magma. American Mineralogist, 2009, 94, 1371-1376.	0.9	19
29	Stability and chemical equilibrium of amphibole in calc-alkaline magmas: an overview, new thermobarometric formulations and application to subduction-related volcanoes. Contributions To Mineralogy and Petrology, 2010, 160, 45-66.	1.2	883
30	Insights into silicic melt generation using plagioclase, quartz and melt inclusions from the caldera-forming Rotoiti eruption, Taupo volcanic zone, New Zealand. Contributions To Mineralogy and Petrology, 2010, 160, 951-971.	1.2	42
31	Influence of pre-eruptive storage conditions and volatile contents on explosive Plinian style eruptions of basic magma. Bulletin of Volcanology, 2010, 72, 511-521.	1.1	45
32	Petrology and geochemistry of the mafic dyke rocks from precambrian almora crystallines of Kumaun Lesser Himalaya. Journal of the Geological Society of India, 2010, 76, 437-452.	0.5	4
33	Back-arc basalts from the Loncopue graben (Province of Neuquen, Argentina). Journal of Volcanology and Geothermal Research, 2010, 197, 313-328.	0.8	35
34	Relationship between monogenetic magmatism and stratovolcanoes in western Mexico: The role of low-pressure magmatic processes. Lithos, 2010, 119, 585-606.	0.6	22
35	Polybaric Fractional Crystallization of High-alumina Basalt Parental Magmas in the Egersundâ€“Ogna Massif-type Anorthosite (Rogaland, SW Norway) Constrained by Plagioclase and High-alumina Orthopyroxene Megacrysts. Journal of Petrology, 2010, 51, 2515-2546.	1.1	77
36	A critical comment on Thy et al. (2009b): Liquidus temperatures of the Skaergaard magma. American Mineralogist, 2010, 95, 1817-1827.	0.9	6

#	Article	IF	Citations
38	Cooling history of a dike as revealed by mineral chemistry: A case study from Mt. Etna volcano. Chemical Geology, 2011, 288, 39-52.	1.4	63
39	Anorthosite formation by plagioclase flotation in ferrobasalt and implications for the lunar crust. Geochimica Et Cosmochimica Acta, 2011, 75, 4998-5018.	1.6	65
40	Evidence for high fluid/melt content beneath Krakatau volcano (Indonesia) from local earthquake tomography. Journal of Volcanology and Geothermal Research, 2011, 206, 96-105.	0.8	38
41	Plagioclaseâ€“melt (dis)equilibrium due to cooling dynamics: Implications for thermometry, barometry and hygrometry. Lithos, 2011, 125, 221-235.	0.6	81
42	Plagioclase zoning as an indicator of magma processes at Bezymianny Volcano, Kamchatka. Contributions To Mineralogy and Petrology, 2011, 162, 83-99.	1.2	96
43	Phenocryst complexity in andesites and dacites from the Tequila volcanic field, Mexico: resolving the effects of degassing vs. magma mixing. Contributions To Mineralogy and Petrology, 2011, 162, 415-445.	1.2	50
44	S-type ignimbrites with polybaric crystallisation histories: the Tolmie Igneous Complex, Central Victoria, Australia. Contributions To Mineralogy and Petrology, 2011, 162, 1315-1337.	1.2	38
46	Multistage Evolution of Dolerites in the Karoo Large Igneous Province, Central South Africa. Journal of Petrology, 2011, 52, 959-984.	1.1	118
47	The Anatomy of an Andesite Volcano: a Timeâ€“Stratigraphic Study of Andesite Petrogenesis and Crustal Evolution at Ruapehu Volcano, New Zealand. Journal of Petrology, 2012, 53, 2139-2189.	1.1	103
48	The Petrology and Geochemistry of Lavas from the Western Azores Islands of Flores and Corvo. Journal of Petrology, 2012, 53, 1673-1708.	1.1	35
49	Melting, Differentiation and Degassing at the Pantelleria Volcano, Italy. Journal of Petrology, 2012, 53, 637-663.	1.1	78
50	Lava balloonsâ€”peculiar products of basaltic submarine eruptions. Bulletin of Volcanology, 2012, 74, 1379-1393.	1.1	34
51	A common feeding system of the NE and S rifts as revealed by the bilateral 2002/2003 eruptive event at Mt. Etna (Sicily, Italy). Bulletin of Volcanology, 2012, 74, 2415-2433.	1.1	20
52	The role of cooling rate in the origin of high temperature phases at the chilled margin of magmatic intrusions. Chemical Geology, 2012, 322-323, 28-46.	1.4	45
53	Magma emplacement at anomalous spreading ridge: Constraints due to plagioclase crystals from basalts of Marsili seamount (Southern Tyrrhenian back-arc). Journal of Volcanology and Geothermal Research, 2012, 241-242, 61-77.	0.8	10
54	Geothermobarometry of the 2010 EyjafjallajÃ¶kull eruption: New constraints on Icelandic magma plumbing systems. Journal of Geophysical Research, 2012, 117, .	3.3	56
55	Magma plumbing beneath Anak Krakatau volcano, Indonesia: evidence for multiple magma storage regions. Contributions To Mineralogy and Petrology, 2012, 163, 631-651.	1.2	57
56	Unusual magma storage conditions at Mt. Etna (Southern Italy) as evidenced by plagioclase megacryst-bearing lavas: implications for the plumbing system geometry and summit caldera collapse. Bulletin of Volcanology, 2012, 74, 795-815.	1.1	32

#	Article	IF	Citations
57	Mineralogical and numerical approaches to establish the pre-eruptive conditions of the mafic LicÃ¡n Ignimbrite, Villarrica Volcano (Chilean Southern Andes). Journal of Volcanology and Geothermal Research, 2012, 235-236, 55-69.	0.8	35
58	Petrology of the Coyaguayma ignimbrite, northern Puna of Argentina: Origin and evolution of a peraluminous high-SiO2 rhyolite magma. Lithos, 2012, 134-135, 179-200.	0.6	25
59	Magma storage, ascent and recharge history prior to the 1991 eruption at Avachinsky Volcano, Kamchatka, Russia: Inferences on the plumbing system geometry. Lithos, 2012, 140-141, 11-24.	0.6	31
60	Magmatic architecture of dome-building eruptions at VolcÃ¡n de Colima, Mexico. Bulletin of Volcanology, 2012, 74, 249-260.	1.1	85
61	Quartz zoning and the pre-eruptive evolution of the ~340-ka Whakamaru magma systems, New Zealand. Contributions To Mineralogy and Petrology, 2012, 163, 87-107.	1.2	56
62	Prediction of plagioclase-melt equilibria in anhydrous silicate melts at 1-atm. Contributions To Mineralogy and Petrology, 2012, 163, 133-150.	1.2	59
63	Cumulate xenoliths from St. Vincent, Lesser Antilles Island Arc: a window into upper crustal differentiation of mantle-derived basalts. Contributions To Mineralogy and Petrology, 2012, 163, 189-208.	1.2	41
64	The pre-eruptive magma plumbing system of the 2007â€“2008 dome-forming eruption of Kelut volcano, East Java, Indonesia. Contributions To Mineralogy and Petrology, 2013, 166, 275-308.	1.2	68
65	Volatiles contents, degassing and crystallisation of intermediate magmas at Volcan de Colima, Mexico, inferred from melt inclusions. Contributions To Mineralogy and Petrology, 2013, 165, 1087-1106.	1.2	38
66	Unraveling the solidification path of a pahoehoe â€œciciraraâ€•lava from Mount Etna volcano. Bulletin of Volcanology, 2013, 75, 1.	1.1	54
67	Crystalâ€“Melt Relationships and the Record of Deep Mixing and Crystallization in the ad 1783 Laki Eruption, Iceland. Journal of Petrology, 2013, 54, 1661-1690.	1.1	97
68	Phase equilibria constraints on pre-eruptive magma storage conditions for the 1956 eruption of Bezymianny Volcano, Kamchatka, Russia. Journal of Volcanology and Geothermal Research, 2013, 263, 132-140.	0.8	8
69	Hydrogen concentration in plagioclase as a hygrometer of arc basaltic melts: Approaches from melt inclusion analyses and hydrous melting experiments. Earth and Planetary Science Letters, 2013, 365, 253-262.	1.8	34
70	Geochemistry and Petrogenesis of Silicic Magmas in the Intra-Oceanic Kermadec Arc. Journal of Petrology, 2013, 54, 351-391.	1.1	72
71	Numerical simulation of plagioclase rim growth during magma ascent at Bezymianny Volcano, Kamchatka. Journal of Volcanology and Geothermal Research, 2013, 263, 172-181.	0.8	4
72	Petrology and geochemistry of the Tertiary Suez rift volcanism, Sinai, Egypt. Journal of Volcanology and Geothermal Research, 2013, 267, 119-137.	0.8	22
73	Crystal-poor, multiply saturated rhyolites (obsidians) from the Cascade and Mexican arcs: evidence of degassing-induced crystallization of phenocrysts. Contributions To Mineralogy and Petrology, 2013, 166, 731-754.	1.2	23
74	Lateral Reactive Infiltration in a Vertical Gabbroic Crystal Mush, Skaergaard Intrusion, East Greenland. Journal of Petrology, 2013, 54, 985-1016.	1.1	31

#	Article	IF	Citations
75	Melt mixing causes negative correlation of trace element enrichment and CO2 content prior to an Icelandic eruption. Earth and Planetary Science Letters, 2014, 400, 272-283.	1.8	31
76	Field and petrographical insight into the formation of orbicular granitoids from the Bonney Pluton, southern Victoria Land, Antarctica. Geological Magazine, 2014, 151, 534-549.	0.9	15
77	Crystallization of Interstitial Liquid and Latent Heat Buffering in Solidifying Gabbros: Skaergaard Intrusion, Greenland. Journal of Petrology, 2014, 55, 1389-1427.	1.1	34
78	Short Length Scale Oxygen Isotope Heterogeneity in the Icelandic Mantle: Evidence from Plagioclase Compositional Zones. Journal of Petrology, 2014, 55, 2537-2566.	1.1	23
79	An assessment of the reliability of melt inclusions as recorders of the pre-eruptive volatile content of magmas. American Mineralogist, 2014, 99, 976-998.	0.9	45
80	Water content in arc basaltic magma in the Northeast Japan and Izu arcs: an estimate from Ca/Na partitioning between plagioclase and melt. Earth, Planets and Space, 2014, 66, 127.	0.9	41
81	Magmatic Processes and Associated Timescales Leading to the January 1835 Eruption of CosigÃ¼ina Volcano, Nicaragua. Journal of Petrology, 2014, 55, 1173-1201.	1.1	23
82	Post-glacial time series of explosive eruptions and associated changes in the magma plumbing system of Lonquimay volcano, south central Chile. International Journal of Earth Sciences, 2014, 103, 2043-2062.	0.9	9
83	Cognate xenoliths in Mt. Etna lavas: witnesses of the high-velocity body beneath the volcano. Bulletin of Volcanology, 2014, 76, 1.	1.1	16
84	Magmatic process recorded in plagioclase at the Baogutu reduced porphyry Cu deposit, western Junggar, NW-China. Journal of Asian Earth Sciences, 2014, 82, 136-150.	1.0	50
85	Giant plagioclase growth during storage of basaltic magma in Emeishan Large Igneous Province, SW China. Contributions To Mineralogy and Petrology, 2014, 167, 1.	1.2	17
86	A refinement of Lange's plagioclaseâ€“liquid hygrometer/thermometer based on quadratic log-contrast models for experiments with mixtures. Journal of Geochemical Exploration, 2014, 141, 89-99.	1.5	5
87	Petrogenesis of tholeiitic basalts from the Central Atlantic magmatic province as revealed by mineral major and trace elements and Sr isotopes. Lithos, 2014, 188, 44-59.	0.6	18
88	The cooling kinetics of plagioclase feldspar as revealed by electron-microprobe mapping. American Mineralogist, 2014, 99, 898-907.	0.9	48
89	The volatile flushing triggers eruptions at open conduit volcanoes: Evidence from Mount Etna volcano (Italy). Lithos, 2014, 184-187, 447-455.	0.6	40
90	Geochemical variation of amphiboles in A-type granites as an indicator of complex magmatic systems: Wentworth pluton, Nova Scotia, Canada. Chemical Geology, 2014, 384, 120-134.	1.4	27
91	Plagioclase as archive of magma ascent dynamics on â€œopen conduitâ€•volcanoes: The 2001â€“2006 eruptive period at Mt. Etna. Earth-Science Reviews, 2014, 138, 371-393.	4.0	62
92	Bimodal magmatism produced by progressively inhibited crustal assimilation. Nature Communications, 2014, 5, 4199.	5.8	37

#	Article	IF	Citations
93	Timescale of emplacement of the Panzhihua gabbroic layered intrusion recorded in giant plagioclase at Sichuan Province, SW China. Lithos, 2014, 204, 203-219.	0.6	21
94	Development, mobilisation and eruption of a large crystal-rich rhyolite: The Ongatiti ignimbrite, New Zealand. Lithos, 2014, 198-199, 38-57.	0.6	23
95	Chapter 17 Petrological and geochemical variation during the SoufriÃ¨re Hills eruption, 1995 to 2010. Geological Society Memoir, 2014, 39, 317-342.	0.9	20
96	Geochemical Characteristics of Volcanic Rocks from ODP Site 794, Yamato Basin: Implications for Deep Mantle Processes of the Japan Sea. Acta Geologica Sinica, 2015, 89, 1189-1212.	0.8	4
97	Rapid Crystallization of Plagioclase Phenocrysts in Silicic Melts during Fluid-saturated Ascent: Phase Equilibrium and Decompression Experiments. Journal of Petrology, 2015, 56, 981-1006.	1.1	49
98	The magma plumbing system of the Emeishan large igneous province and its role in basaltic magma differentiation in a continental setting. American Mineralogist, 2015, 100, 2509-2517.	0.9	40
99	Estimation of trace element concentrations in the lunar magma ocean using mineralâ€•and metalâ€•silicate melt partition coefficients. Meteoritics and Planetary Science, 2015, 50, 733-758.	0.7	12
100	Nature and physicochemical conditions of crystallization in the South Dehgolan intrusion, NW Iran: mineral-chemical evidence. Turkish Journal of Earth Sciences, 2015, 24, 249-275.	0.4	6
101	Evolution of young andesiticâ€“dacitic magmatic systems beneath Dominica, Lesser Antilles. Journal of Volcanology and Geothermal Research, 2015, 297, 69-88.	0.8	21
102	Geochemistry of mafic lavas from Sivas, Turkey and the evolution of Anatolian lithosphere. Lithos, 2015, 232, 229-241.	0.6	18
103	Magmatic Response to Slab Tearing: Constraints from the Afyon Alkaline Volcanic Complex, Western Turkey. Journal of Petrology, 2015, 56, 527-562.	1.1	105
104	Across and along arc geochemical variations in altered volcanic rocks: Evidence from mineral chemistry of Jurassic lavas in northern Chile, and tectonic implications. Lithos, 2015, 239, 97-113.	0.6	13
105	An updated calibration of the plagioclase-liquid hygrometer-thermometer applicable to basalts through rhyolites. American Mineralogist, 2015, 100, 2172-2184.	0.9	243
106	Experimental Constraints on Plagioclase Crystallization during H₂O- and H₂Oâ€“CO₂-Saturated Magma Decompression. Journal of Petrology, 2015, 56, 1967-1998.	1.1	32
107	A K-feldsparâ€“liquid hygrometer specific to alkaline differentiated magmas. Chemical Geology, 2015, 392, 1-8.	1.4	44
108	Magma mixing recorded by Sr isotopes of plagioclase from dacites of the Quaternary Tengchong volcanic field, SE Tibetan Plateau. Journal of Asian Earth Sciences, 2015, 98, 1-17.	1.0	31
109	The features of the compositional evolution of felsic rocks in the low-potassium calc-alkaline series of the Zavaritskii volcano, Kurile Arc, Simushir Island. Moscow University Geology Bulletin, 2016, 71, 103-111.	0.0	1
110	Statistical petrology reveals a link between supercontinents cycle and mantle global climate. American Mineralogist, 2016, 101, 2768-2773.	0.9	20

#	Article	IF	Citations
111	The role of superheating in the formation of Glass Mountain obsidians (Long Valley, CA) inferred through crystallization of sanidine. Contributions To Mineralogy and Petrology, 2016, 171, 1.	1.2	7
112	Persistent multitiered magma plumbing beneath <scp>K</scp>atla volcano, <scp>I</scp>celand. Geochemistry, Geophysics, Geosystems, 2016, 17, 966-980.	1.0	15
113	The role of magma mixing and mafic recharge in the evolution of a back-arc quaternary caldera: The case of PayÃºn MatrÃº, Western Argentina. Journal of Volcanology and Geothermal Research, 2016, 311, 150-169.	0.8	8
114	Magma plumbing for the 2014â€“2015 Holuhraun eruption, Iceland. Geochemistry, Geophysics, Geosystems, 2016, 17, 2953-2968.	1.0	22
115	Volatile dilution during magma injections and implications for volcano explosivity. Geology, 2016, 44, 1027-1030.	2.0	28
116	The validity of plagioclase-melt geothermometry for degassing-driven magma crystallization. American Mineralogist, 2016, 101, 769-779.	0.9	14
117	Backâ€arc magma processes in the Okinawa Trough: new insights from textural and compositional variations of plagioclase in basalts. Geological Journal, 2016, 51, 346-356.	0.6	30
118	Zn-Pb slag crystallization: evaluating temperature conditions on the basis of geothermometry. European Journal of Mineralogy, 2016, 28, 375-384.	0.4	15
119	Origin of high-An plagioclase in the early Permian (~280 Ma) Xiaohaizi wehrlite, Northwest China: insights from melt inclusions in clinopyroxene macrocrysts and zircon oxygen isotopes. International Geology Review, 2016, 58, 1005-1019.	1.1	5
120	Kinetics of anorthite dissolution in basaltic melt. Geochimica Et Cosmochimica Acta, 2016, 179, 257-274.	1.6	32
121	Staged storage and magma convection at Ambrym volcano, Vanuatu. Journal of Volcanology and Geothermal Research, 2016, 322, 144-157.	0.8	21
122	Systematic mineralogical diversity in A-type granitic intrusions: Control of magmatic source and geological processes. Bulletin of the Geological Society of America, 2016, 128, 487-501.	1.6	34
123	Trace element partitioning between plagioclase and silicate melt: The importance of temperature and plagioclase composition, with implications for terrestrial and lunar magmatism. Geochimica Et Cosmochimica Acta, 2017, 206, 273-295.	1.6	113
124	Like a cannonball: origin of dense spherical basaltic ejecta. Bulletin of Volcanology, 2017, 79, 1.	1.1	2
125	Three years (2011â€“2013) of eruptive activity at Mt. Etna: Working modes and timescales of the modern volcano plumbing system from micro-analytical studies of crystals. Earth-Science Reviews, 2017, 171, 289-322.	4.0	42
126	An experimental study of $$ ^{{{ext{Fe}}^{2 + } {-}{ext{Mg}}}} K_{ext{D}} $$ between orthopyroxene and rhyolite: a strong dependence on H2O in the melt. Contributions To Mineralogy and Petrology, 2017, 172, 1.	1.2	21
127	A REE-in-plagioclaseâ€“clinopyroxene thermometer for crustal rocks. Contributions To Mineralogy and Petrology, 2017, 172, 1.	1.2	60
128	The petrologic history of the Sanganguey volcanic field, Nayarit, Mexico: Comparisons in a suite of crystal-rich and crystal-poor lavas. Journal of Volcanology and Geothermal Research, 2017, 336, 51-67.	0.8	5

#	Article	IF	Citations
129	Decoding magma plumbing and geochemical evolution beneath the Lastarria volcanic complex (Northern Chile)â€"Evidence for multiple magma storage regions. Journal of Volcanology and Geothermal Research, 2017, 338, 25-45.	0.8	23
130	Mixing of basaltic and andesitic magmas in the Bazman volcanic field of southeastern Iran as inferred from plagioclase zoning. Mineralogical Magazine, 2017, 81, 975-985.	0.6	8
131	Petrological and experimental evidence for differentiation of water-rich magmas beneath St. Kitts, Lesser Antilles. Contributions To Mineralogy and Petrology, 2017, 172, 98.	1.2	42
132	Origin of the volcanic rocks erupted in the eastern Manus Basin: Basaltic andesite-andesite-dacite associations. Journal of Ocean University of China, 2017, 16, 389-402.	0.6	5
133	Variable magma reservoir depths for Tongariro Volcanic Complex eruptive deposits from 10,000Âyears to present. Bulletin of Volcanology, 2017, 79, 1.	1.1	9
134	The 2013 eruption of Chaparrastique volcano (El Salvador): Effects of magma storage, mixing, and decompression. Chemical Geology, 2017, 448, 110-122.	1.4	30
135	Storage and Eruption of Silicic Magma across the Transition from Dominantly Effusive to Caldera-forming States at an Arc Volcano (Santorini, Greece). Journal of Petrology, 2017, 58, 2429-2464.	1.1	31
136	Magma storage constrains by compositional zoning of plagioclase from dacites of the caldera forming eruptions of Vetrovoy Isthmus and Lvinaya Pastâ€™ Bay (Iturup Island, Kurile Islands). IOP Conference Series: Earth and Environmental Science, 2017, 110, 012015.	0.2	0
137	The 2011 eruption of Nabro volcano, Eritrea: perspectives on magmatic processes from melt inclusions. Contributions To Mineralogy and Petrology, 2018, 173, 1.	1.2	21
138	Constraints of texture and composition of clinopyroxene phenocrysts of Holocene volcanic rocks on a magmatic plumbing system beneath Tengchong, SW China. Journal of Asian Earth Sciences, 2018, 154, 342-353.	1.0	12
139	Application and reliability of calcic amphibole thermobarometry as inferred from calc-alkaline products of active geothermal areas in the Andes. Journal of Volcanology and Geothermal Research, 2018, 358, 58-76.	0.8	22
140	The magma plumbing system in the Mariana Trough back-arc basin at 18Â° N. Journal of Marine Systems, 2018, 180, 132-139.	0.9	11
141	Effusive silicic volcanism in the ParanÃ¡ Magmatic Province, South Brazil: Physico-chemical conditions of storage and eruption and considerations on the rheological behavior during emplacement. Journal of Volcanology and Geothermal Research, 2018, 355, 115-135.	0.8	23
142	Petrological constraints on the high-Mg basalts from Capo Marargiu (Sardinia, Italy): Evidence of cryptic amphibole fractionation in polybaric environments. Journal of Volcanology and Geothermal Research, 2018, 349, 31-46.	0.8	14
143	Nature of the magma storage system beneath the Damavand volcano (N. Iran): An integrated study. Lithos, 2018, 300-301, 154-176.	0.6	15
144	Silicic, high- to extremely high-grade ignimbrites and associated deposits from the ParanÃ¡ Magmatic Province, southern Brazil. Journal of Volcanology and Geothermal Research, 2018, 355, 270-286.	0.8	25
145	The role of magma mixing, identification of mafic magma inputs, and structure of the underlying magmatic system at Mount St. Helens. American Mineralogist, 2018, 103, 1925-1944.	0.9	24
146	Physicochemical Processes in the Magma Chamber under the Black Mountain Porphyry Cu-Au Deposit, Philippines: Insights from Mineral Chemistry and Implications for Mineralization. Economic Geology, 2018, 113, 63-82.	1.8	52

#	Article	IF	Citations
147	Geochemical and Mineral Characteristics of Jurassic Volcanic Rocks from ODP Sites 304, 1149, and 801: Implications for Magmatic Evolution in the Northwest Pacific. Acta Geologica Sinica, 2018, 92, 915-934.	0.8	0
148	Chemical composition of rock-forming minerals and crystallization physicochemical conditions of the Middle Eocene I-type Haji Abad pluton, SW Buin-Zahra, Iran. Arabian Journal of Geosciences, 2018, 11, 1.	0.6	6
149	Textural, thermal, and topographic constraints on lava flow system structure: the December 2010 eruption of Piton de la Fournaise. Bulletin of Volcanology, 2018, 80, 1.	1.1	9
150	Eruption triggering by partial crystallization of mafic enclaves at Chaos Crags, Lassen Volcanic Center, California. American Mineralogist, 2018, 103, 1575-1590.	0.9	19
151	Exsolved volatiles in magma reservoirs. Journal of Volcanology and Geothermal Research, 2018, 368, 13-30.	0.8	100
152	The dynamics of the southern Okinawa Trough magmatic system: New insights from the microanalysis of the An contents, trace element concentrations and Sr isotopic compositions of plagioclase hosted in basalts and silicic rocks. Chemical Geology, 2018, 497, 146-161.	1.4	42
153	Transport of melt and volatiles in magmas inferred from kinetic experiments on the partial melting of granitic rocks. Lithos, 2018, 318-319, 434-447.	0.6	9
154	Multi-stage magmatic plumbing system of the volcano: A case study from Ulleung Island, South Korea. Lithos, 2018, 314-315, 201-215.	0.6	2
155	Mantle sources and magma evolution of the Rooiberg lavas, Bushveld Large Igneous Province, South Africa. Contributions To Mineralogy and Petrology, 2018, 173, 1.	1.2	19
156	Reworked restite enclave: Petrographic and mineralogical constraints from the Tongshanling intrusion, Nanling Range, South China. Journal of Asian Earth Sciences, 2018, 166, 1-18.	1.0	14
157	Geology and ore-forming fluid evolution of the Aktogai giant porphyry Cu deposit, Kazakhstan. Journal of Asian Earth Sciences, 2018, 165, 192-209.	1.0	6
158	Multi-level magma plumbing at Agung and Batur volcanoes increases risk of hazardous eruptions. Scientific Reports, 2018, 8, 10547.	1.6	24
159	Magma Recharge and Reactive Bulk Assimilation in Enclave-Bearing Granitoids, Tonglu, South China. Journal of Petrology, 2018, 59, 795-824.	1.1	12
160	Crystal-poor rhyolites and rhyodacites from VolcÃ¡n Tepetiltic, Mexico: Evidence for melt formation, crystallization and eruption over short timescales. Journal of Volcanology and Geothermal Research, 2018, 361, 36-50.	0.8	2
161	Reduced CO2 Fluid as an Agent of Ore-Forming Processes: A Case Study of Dolomite-Replacement Skarns at the Yoko-Dovyren Massif. Petrology, 2019, 27, 1-16.	0.2	6
162	A New Plagioclase-Liquid Hygrometer Specific to Trachytic Systems. Minerals (Basel, Switzerland), 2019, 9, 375.	0.8	8
163	Geochemistry and Mineralogy of Basalts from the South Mid-Atlantic Ridge (18.0Â°â€“20.6Â°S): Evidence of a Heterogeneous Mantle Source. Minerals (Basel, Switzerland), 2019, 9, 659.	0.8	6
164	Magmatic evolution and textural development of the 1739 CE Pietre Cotte lava flow, Vulcano, Italy. Journal of Volcanology and Geothermal Research, 2019, 372, 1-23.	0.8	11

#	Article	IF	Citations
165	Magma chamber processes and dynamics beneath northwestern Anatolia: Insights from mineral chemistry and crystal size distributions (CSDs) of the Kepsut volcanic complex (NW Turkey). Journal of Asian Earth Sciences, 2019, 181, 103889.	1.0	8
166	The low-Ti high-temperature dacitic volcanism of the southern ParanÃ¡-Etendeka LIP: Geochemistry, implications for trans-Atlantic correlations and comparison with other Phanerozoic LIPs. Lithos, 2019, 342-343, 187-205.	0.6	8
167	The Central Atlantic Magmatic Province (CAMP) in Morocco. Journal of Petrology, 2019, 60, 945-996.	1.1	68
168	Magmatic evolution of the Cerro Maricunga gold porphyry-epithermal system, Maricunga belt, N-Chile. Journal of South American Earth Sciences, 2019, 92, 374-399.	0.6	3
169	Mafic glass compositions: a record of magma storage conditions, mixing and ascent. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2019, 377, 20180004.	1.6	30
170	Unravelling the Crustal Architecture of Cape Verde from the Seamount Xenolith Record. Minerals (Basel, Switzerland), 2019, 9, 90.	0.8	5
171	Modelling Tephra Thickness and Particle Size Distribution of the 1913 Eruption of VolcÃ¡n de Colima, Mexico. Active Volcanoes of the World, 2019, , 81-110.	1.0	7
172	Petrological Monitoring of VolcÃ¡n de Colima Magmatic System: The 1998 to 2011 Activity. Active Volcanoes of the World, 2019, , 219-240.	1.0	5
173	Implications of the melting depth and temperature of the Atlantic mid-ocean ridge basalts. Acta Oceanologica Sinica, 2019, 38, 35-42.	0.4	3
174	Geochemical and petrological diversity of mafic magmas from Mount St. Helens. Contributions To Mineralogy and Petrology, 2019, 174, 1.	1.2	22
175	A Late Paleozoic Snake River-type ignimbrite (Planitz vitrophyre) in the Chemnitz Basin, Germany: Textural and compositional evidence for complex magma evolution in an intraplate setting. Journal of Volcanology and Geothermal Research, 2019, 369, 35-49.	0.8	5
176	Unsteady magma discharge during the â€œEl Retiroâ€•subplinian eruption (Turrialba volcano, Costa Rica): Insights from textural and petrological analyses. Journal of Volcanology and Geothermal Research, 2019, 371, 101-115.	0.8	8
177	Mineral and geochemical characteristics for Jurassic volcanic rocks from ODP Site 801C in the Pigafetta Basin, Western Pacific Ocean: Implications for magmatic evolution at the oldest fast-spreading ridge. Journal of Volcanology and Geothermal Research, 2019, 383, 112-127.	0.8	0
178	Role of magma mixing in generating of the Gheshlaghâ€“Aftabrow intrusions, SW Buin Zahra, Iran: Evidence for a juvenile origin from geochemical and Srâ€“Nd isotopic data. Geological Journal, 2020, 55, 253-279.	0.6	8
179	Evaluation of crystallization conditions and porphyry Cu Mineralization potential of the Gheshlagh-Aftabrow pluton, central part of the Urumieh-Dokhtar magmatic belt, Iran. Arabian Journal of Geosciences, 2020, 13, 1.	0.6	2
180	Defining Pre-eruptive Conditions of the Havre 2012 Submarine Rhyolite Eruption Using Crystal Archives. Frontiers in Earth Science, 2020, 8, .	0.8	11
181	Magmatic evolution of ediacaran alkali rhyolites from the Acampamento Velho volcanism in the Tupanci area, southern Brazil: A study based on mineral chemistry, LA-ICP-MS Ti-in-quartz and zircon saturation geothermometry. Journal of South American Earth Sciences, 2020, 104, 102814.	0.6	2
182	Peridotite versus pyroxenite input in Mongolian Mesozoic-Cenozoic lavas, and dykes. Lithos, 2020, 376-377, 105747.	0.6	7

#	Article	IF	Citations
183	Equilibrium crystallization of massif-type anorthosite residual melts: a case study from the 1.64ÂGa Ahvenisto complex, Southeastern Finland. Contributions To Mineralogy and Petrology, 2020, 175, 1.	1.2	4
184	Towards better reconstruction of smelting temperatures: Methodological review and the case of historical K-rich Cu-slags from the Old Copper Basin, Poland. Journal of Archaeological Science, 2020, 118, 105142.	1.2	17
185	Pyrometamorphosed Otago Schist xenoliths cause minor contamination of Dunedin Volcanic Group basanite. New Zealand Journal of Geology, and Geophysics, 2020, 63, 530-546.	1.0	6
186	Petrological and noble gas features of Lascar and Lastarria volcanoes (Chile): Inferences on plumbing systems and mantle characteristics. Lithos, 2020, 370-371, 105615.	0.6	8
187	Anatomy of the magmatic plumbing system of Los Humeros Caldera (Mexico): implications for geothermal systems. Solid Earth, 2020, 11, 125-159.	1.2	48
188	Volatileâ€Rich Magmas Distributed Through the Upper Crust in the Main Ethiopian Rift. Geochemistry, Geophysics, Geosystems, 2020, 21, e2019GC008904.	1.0	26
189	Triassic magmatism in the European Southern Alps as an early phase of Pangea break-up. Geological Magazine, 2020, 157, 1800-1822.	0.9	18
190	Multi-banded pumice in the Campo de la Piedra PÃ³mez rhyolitic ignimbrite (Southern Puna plateau): Pre-eruptive physical and chemical interactions between mafic and rhyolitic melts. Journal of South American Earth Sciences, 2020, 101, 102616.	0.6	13
191	Crystallization and Segregation of Syenite in Shallow Mafic Sills: Insights from the San Rafael Subvolcanic Field, Utah. Journal of Petrology, 2021, 61, .	1.1	2
192	Repetitive Duality of Rhyolite Compositions, Timescales, and Storage and Extraction Conditions for Pleistocene Caldera-forming Eruptions, Hokkaido, Japan. Journal of Petrology, 2021, 62, .	1.1	9
193	Formation of crystal-rich, mixed, intermediate lavas at Pouakai Volcano and the evolution of the Taranaki volcanic lineament, western North Island, New Zealand. Lithos, 2021, 380-381, 105850.	0.6	2
194	Leucite basanites of Virunga (East African Rift): some insights into petrogenesis and source composition. Lithos, 2021, 384-385, 105972.	0.6	5
195	Rancho Seco monogenetic volcano (MichoacÃ¡n, Mexico): Petrogenesis and lava flow emplacement based on LiDAR images. Journal of Volcanology and Geothermal Research, 2021, 411, 107169.	0.8	8
196	Amp-TB2: An Updated Model for Calcic Amphibole Thermobarometry. Minerals (Basel, Switzerland), 2021, 11, 324.	0.8	58
197	Multi-stage infiltration of Na- and K-rich fluids from pegmatites at mid-crustal depths as revealed by feldspar replacement textures. Lithos, 2021, 388-389, 106096.	0.6	5
198	Origin and Evolution of the Fatu Kapa Magmatic System (North-Western Lau Back-arc Basin): Insight on the Genesis of High-Silica Lavas. Journal of Petrology, 2021, 62, .	1.1	1
200	Insights into the 1976â€“2000 eruption episode of Whakaari/White Island, New Zealand: an eruption fuelled by repeated mafic recharge. Bulletin of Volcanology, 2021, 83, 1.	1.1	3
202	A numerical model for the magmatic heat reservoir of the Las Tres Virgenes volcanic complex, Baja California Sur, Mexico. Journal of Volcanology and Geothermal Research, 2021, 414, 107227.	0.8	6

#	Article	IF	Citations
203	Eosen yaÅŸlÄ± KÄ±ÅŸlakÃ¶y volkanitlerinin petrografisi, mineral kimyasÄ± ve kristallenme koÅŸullarÄ±, Erzurum, KD TÃ¼rkiye. GÃ¼mÃ¼ÅŸhane Ãœniversitesi Fen Bilimleri EnstitÃ¼sÃ¼ Dergisi, 0, , .	0.0	0
204	Magmatic processes recorded in plagioclase and the geodynamic implications in the giant Shimensi Wâ€“Cuâ€“Mo deposit, Dahutang ore field, South China. Journal of Asian Earth Sciences, 2021, 212, 104734.	1.0	3
205	Experimental Study of Interaction of Carbonic Fluid with Cumulus Minerals of Ultrabasic Intrusions at 950Â°C and 200 MPa. Petrology, 2021, 29, 371-385.	0.2	1
206	Mineral Geochemistry of Basaltic Rocks from IODP Expeditions 334 and 344: Implications for Magmatic Processes of Cocos Ridge Segment Being Subducted Beneath the Middle America Trench. Minerals (Basel, Switzerland), 2021, 11, 769.	0.8	0
207	Intraplate Basalt Alkalinity Modulated by a Lithospheric Mantle Filter at the Dunedin Volcano (New) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.1	14
208	First petrologic data for VitÃ³ria Seamount, VitÃ³ria-Trindade Ridge, South Atlantic: a contribution to the Trindade mantle plume evolution. Journal of South American Earth Sciences, 2021, 109, 103304.	0.6	15
209	Plagioclase population dynamics and zoning in response to changes in temperature and pressure. American Mineralogist, 2021, 106, 1438-1452.	0.9	2
210	Magma Chamber Process of Postâ€collisional Magmatism: Insight from Textural and Elemental Characteristics of Plagioclase from the Tatun Volcanic Group, Northern Taiwan Volcanic Zone. Acta Geologica Sinica, 2022, 96, 1587-1599.	0.8	1
211	Crystallization conditions of the Carmo stock, NE Brazil: Implications for magmatic epidote-bearing granitoids petrogenesis. Journal of South American Earth Sciences, 2021, 110, 103427.	0.6	2
212	Magma evolution leading to veinlet-disseminated tungsten mineralization at the Muguayuan deposit: In-situ analysis of igneous minerals. Ore Geology Reviews, 2021, 138, 104406.	1.1	4
213	Geothermometry and Geobarometry. Encyclopedia of Earth Sciences Series, 2017, , 1-19.	0.1	2
214	Geothermometry and Geobarometry. Encyclopedia of Earth Sciences Series, 2018, , 597-614.	0.1	3
215	Volcanological challenges to understanding explosive large-scale eruptions. Earth, Planets and Space, 2020, 72, .	0.9	8
216	MINERAL CHEMISTRY, WHOLE-ROCK GEOCHEMISTRY AND PETROLOGY OF EOCENE I-TYPE SHOSHONITIC PLUTONS IN THE GÃ–LKÃ–Y AREA (ORDU, NE TURKEY). Bulletin of the Mineral Research and Exploration, 2018, , .	0.5	2
217	Condiciones de cristalizaciÃ³n y diferenciaciÃ³n de las lavas del volcÃ¡n El Metate (Campo VolcÃ¡nico de) Tj ETQq0 0 0 rgBT /Overlock 1	0.7	2
218	Estimation of H2O concentration in primary arc magmas: constraints from melting experiments and analyses of melt inclusions. Ganseki Kobutsu Kagaku, 2011, 40, 91-100.	0.1	0
219	Magma Formation and Segregation. , 2014, , 99-118.		0
220	GÃ–LKÃ–Y YÃ–RESÄ° (ORDU, KD TÃœRKÄ°YE) EOSEN YAÅžLI I-TÄ°PÄ° ÅžOÅžONÄ°TÄ°K PLÃœTONLARIN MÄ°NERAL KÄ°MYASI, TÃœM JEOKÄ°MYASI VE PETROLOJÄ°SÄ°. Journal of Mineral Research and Exploration, 2018, , 1-45.	0.1	1

#	Article	IF	Citations
221	Discovery of modern (post-1850 CE) lavas in south-central British Columbia, Canada: Origin from coal fires or intraplate volcanism?. Lithos, 2018, 296-299, 471-481.	0.6	1
222	BAYBURT KUZEYÄ°NDEKÄ° (DOÄžU KARADENÄ°Z, TÃœRKÄ°YE) SENOZOYÄ°K YAÅžLI PLÃœTONÄ°K KAYAÃ‡LARIN PETROGRAFÄ°SÄ°, MÄ°NERAL KÄ°MYASI VE KRÄ°STALLENME KOÅžULLARI. Journal of Mineral Research and Exploration, 0, , 1-11.	0.1	0
223	PETROGRAPHY, MINERAL CHEMISTRY AND CRYSTALLIZATION CONDITIONS OF TERTIARY PLUTONIC ROCKS LOCATED TO THE NORTH OF BAYBURT (EASTERN PONTIDES, TURKEY). Bulletin of the Mineral Research and Exploration, 0, , 10-20.	0.5	1
224	Crystal size and shape distribution of plagioclase in the basaltic andesites, North of Gavkhouni. Iranian Journal of Crystallography and Mineralogy, 2019, 27, 683-694.	0.0	0
225	Deep crustal crystallization of tholeiitic melt: Insights from Manguao Basalt, Palawan, Philippines. Journal of Mineralogical and Petrological Sciences, 2020, 115, 440-456.	0.4	0
226	Evolution of the Late Mesozoic Magmatism of the Omulevka Terrane of the North Part of the Verkhoyanskâ€“Kolyma Orogenic Region. Minerals (Basel, Switzerland), 2021, 11, 1208.	0.8	0
227	Mineralogical characteristics and its metallogenic implications of ore-bearing granites in the Pingmiao W-Cu deposit, Dahutang tungsten ore field, South China. Acta Petrologica Sinica, 2020, 36, 3757-3782.	0.3	1
228	Characteristics of petrology, geochemistry and crystal size distribution of plagioclase in volcanic rocks of three volcanoes in Nicaragua. Acta Petrologica Sinica, 2020, 36, 2177-2196.	0.3	0
229	Structure of the Earthâ€™s crust of the Eastern Rhodopes (Southern Bulgaria) from the regional deep reflection seismic profile Ivaylovgradâ€“Ardino. Geologica Balcanica, 2020, 49, 3-30.	0.1	1
230	Davis Bank geodynamic context, South Atlantic Ocean: Insights into the VitÃ³ria-Trindade Ridge evolution. Journal of South American Earth Sciences, 2021, 112, 103620.	0.6	2
234	The role of feldspar crystals zoning in interpreting the magmatic evolution of the Goushe granitoid Pluton (SE of Boroujerd). Iranian Journal of Crystallography and Mineralogy, 2020, 28, 771-788.	0.0	0
235	Trachyte-phonolite transition at Dunedin Volcano: Fingerprints of magma plumbing system maturity and mush evolution. Lithos, 2022, 408-409, 106545.	0.6	5
236	VitÃ³ria-Trindade seamounts. , 2022, , 293-336.		0
237	Brazilian Equatorial Margin. , 2022, , 433-472.		1
238	Petrology and Mineral Chemistry of the Oligoceneâ€“Miocene Qazan Granitoids from Central Urumieh-Dokhtar Magmatic Arc, Iran: Implications for the Neo-Tethyan Subduction. Petrology, 2022, 30, 107-132.	0.2	0
239	Post-caldera volcanism reveals shallow priming of an intra-ocean arc andesitic caldera: Hunga volcano, Tonga, SW Pacific. Lithos, 2022, 412-413, 106614.	0.6	38
240	Dynamics and timescales of maficâ€“silicic magma interactions at SoufriÃ¨re Hills Volcano, Montserrat. Contributions To Mineralogy and Petrology, 2022, 177, 1.	1.2	3
241	Plumbing System Architecture of Late-Stage Hotspot Volcanoes in Eastern Australia. Journal of Petrology, 2022, 63, .	1.1	3

#	Article	IF	Citations
242	The late Holocene Nealtican lava-flow field, PopocatÃ©petl volcano, central Mexico: Emplacement dynamics and future hazards. Bulletin of the Geological Society of America, 2022, 134, 2745-2766.	1.6	5
243	Mineral-Melt Equilibria and Geothermobarometry of Campi Flegrei Magmas: Inferences for Magma Storage Conditions. Minerals (Basel, Switzerland), 2022, 12, 308.	0.8	9
244	A Reference Section Through Fastâ€Spread Lower Oceanic Crust, Wadi Gideah, Samail Ophiolite (Sultanate of Oman): Trace Element Systematics and REE Crystallization Temperaturesâ€"Implications for Hybrid Crustal Accretion. Journal of Geophysical Research: Solid Earth, 2022, 127, .	1.4	5
245	Complex Effects of Assimilation on Sulfide Saturation Revealed by Modeling with the Magma Chamber Simulator: A Case Study on the Duluth Complex, Minnesota, USA. Economic Geology, 2022, 117, 1881-1899.	1.8	2
246	Geochemical insights into mantle metasomatism from cogenetic plutonic xenoliths in pyroclastic deposits of GÃ¶lcÃ¼k volcano and their alkaline host rocks (Isparta, SW Turkey). Mediterranean Geoscience Reviews, 0, , 1.	0.6	0
247	The delamination of lower crust in continental back-arc basin: Evidence from Sr isotope and elemental compositions of plagioclase and clinopyroxene in andesites from Kueishantao, north of Taiwan, China. Lithos, 2022, 416-417, 106653.	0.6	1
248	Polyformational Agdai Massif (Verkhoyansk-Kolyma Orogenic Region). IOP Conference Series: Earth and Environmental Science, 2021, 906, 012085.	0.2	0
249	Twoâ€Stage Maficâ€Felsic Magma Interactions and Related Magma Chamber Processes in the Arc Setting: An Example From the Enclaveâ€Bearing Calcâ€Alkaline Plutons, Chinese Altai. Geochemistry, Geophysics, Geosystems, 2021, 22, .	1.0	1
250	Source Lithology and Magmatic Processes Recorded in the Mineral of Basalts from the Parece Vela Basin. Acta Geologica Sinica, 0, , .	0.8	1
255	Thermodynamic constraints on the petrogenesis of massif-type anorthosites and their parental magmas. Lithos, 2022, 422-423, 106751.	0.6	1
256	The monotonous intermediate magma system of the Permian Wurzen caldera, Germany: Magma dynamics and petrogenetic constraints for a supereruption. Journal of Volcanology and Geothermal Research, 2022, 429, 107596.	0.8	0
257	Carbonatite-melilitite-phosphate immiscible melts from the aragonite stability field entrained from the mantle by a Pliocene basalt. Mineralogy and Petrology, 0, , .	0.4	4
258	Development of major element proxies for magmatic H2O content in oceanic basalts. Chemical Geology, 2022, 610, 121068.	1.4	2
259	Contributions of juvenile lower crust and mantle components to porphyry Cu deposits in an intracontinental setting: evidence from late Mesozoic porphyry Cu deposits in the South Qinling Orogenic Belt, Central China. Mineralium Deposita, 2023, 58, 489-509.	1.7	3
260	MagMin_PT: An Excel-based mineral classification and geothermobarometry program for magmatic rocks. Mineralogical Magazine, 2023, 87, 1-9.	0.6	1
261	Petrology of Granites of the Tommot Rare-Earth Ore Field (Verkhoyanskâ€"Kolyma Orogenic Belt). Minerals (Basel, Switzerland), 2022, 12, 1347.	0.8	2
262	Estimating Magma Crystallization Temperatures Using High Field Strength Elements in Igneous Rocks. Minerals (Basel, Switzerland), 2022, 12, 1260.	0.8	2
263	The Magmatic Evolution and the Regional Context of the 1835ÂAD Osorno Volcano Products (41Â°06â€™S,) Tj ETQq1 1 0.784314 rgB	1.1	0

#	Article	IF	Citations
264	Geochemical signals of coexisting magma mixing and fractional crystallization processes in the arc setting: Case study of Wulan intrusive suite in the NE Tibet Plateau. Lithos, 2022, 432-433, 106914.	0.6	1
265	Element distribution during melting and crystallization. , 2023, , 113-211.		0
266	Opening of the Algerian Basin: Petrological, geochemical and geochronological constraints from the Yaddene Complex (Lesser Kabylia, Northeastern Algeria). Journal of African Earth Sciences, 2023, 197, 104783.	0.9	0
267	Vikrahraunâ€"the 1961 basaltic lava flow eruption at Askja, Iceland: morphology, geochemistry, and planetary analogs. Earth, Planets and Space, 2022, 74, .	0.9	1
268	Petrogenetic insights on tephritic magmatism from Davis Bank (South Atlantic Ocean -) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 587 Td (V American Earth Sciences, 2023, 122, 104170.	0.6	0
269	The rise and fate of a long-lived deep crustal â€˜hot zoneâ€™ beneath the neogene-quaternary Cordillera de San Buenaventura in the Southern Puna Plateau (NW Argentina). International Geology Review, 2023, 65, 2447-2478.	1.1	6
270	Physical Volcanology and Facies Analysis of Silicic Lavas: Monte Amiata Volcano (Italy). , 0, , .		0
271	Evolution of magma supply system beneath a submarine lava dome after the 7.3-ka caldera-forming Kikai-Akahoya eruption. Journal of Volcanology and Geothermal Research, 2023, 434, 107738.	0.8	2
272	Pre-eruptive Conditions of the 3 March 2015 Lava Fountain of Villarrica Volcano (Southern Andes). Bulletin of Volcanology, 2023, 85, .	1.1	4
273	Mush Amalgamation, Short Residence, and Sparse Detectability of Eruptible Magma Before Andean Superâ€Eruptions. Geochemistry, Geophysics, Geosystems, 2023, 24, .	1.0	2
274	A review of plagioclase growth rate and compositional evolution in mafic alkaline magmas: Guidelines for thermometry, hygrometry, and timescales of magma dynamics at Stromboli and Mt. Etna. Earth-Science Reviews, 2023, 240, 104399.	4.0	5
275	Petrology of the 2020â€“21 effusive to explosive eruption of La SoufriÃ¨re Volcano, St Vincent: insights into plumbing system architecture and magma assembly mechanism. Geological Society Special Publication, 2024, 539, 171-200.	0.8	0
278	From Magma Source to Volcanic Sink Under Tagoro Volcano (El Hierro, Canary Islands): Petrologic, Geochemical and Physiographic Evolution of the 2011â€“2012 Submarine Eruption. Active Volcanoes of the World, 2023, , 61-89.	1.0	2