Cin-Ty A Lee

List of Publications by Year
in descending order

163	12,130	25034	28297
papers	citations	57 h-index	105 g-index

173	173	173	7557
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Constraints on the depths and temperatures of basaltic magma generation on Earth and other terrestrial planets using new thermobarometers for mafic magmas. Earth and Planetary Science Letters, 2009, 279, 20-33.	4.4	587
2	Copper Systematics in Arc Magmas and Implications for Crust-Mantle Differentiation. Science, 2012, 336, 64-68.	12.6	480
3	Building and Destroying Continental Mantle. Annual Review of Earth and Planetary Sciences, 2011, 39, 59-90.	11.0	393
4	Similar V/Sc Systematics in MORB and Arc Basalts: Implications for the Oxygen Fugacities of their Mantle Source Regions. Journal of Petrology, 2005, 46, 2313-2336.	2.8	364
5	How important is the role of crystal fractionation in making intermediate magmas? Insights from Zr and P systematics. Earth and Planetary Science Letters, 2014, 393, 266-274.	4.4	325
6	High silica granites: Terminal porosity and crystal settling in shallow magma chambers. Earth and Planetary Science Letters, 2015, 409, 23-31.	4.4	282
7	Continental arc volcanism as the principal driver of icehouse-greenhouse variability. Science, 2016, 352, 444-447.	12.6	269
8	Compositional variation of density and seismic velocities in natural peridotites at STP conditions: Implications for seismic imaging of compositional heterogeneities in the upper mantle. Journal of Geophysical Research, 2003, 108, .	3.3	266
9	Petrology and tectonics of Phanerozoic continent formation: From island arcs to accretion and continental arc magmatism. Earth and Planetary Science Letters, 2007, 263, 370-387.	4.4	266
10	Episodic Precambrian subduction. Earth and Planetary Science Letters, 2007, 262, 552-562.	4.4	265
11	Continuing Colorado plateau uplift by delamination-style convective lithospheric downwelling. Nature, 2011, 472, 461-465.	27.8	258
12	Zn/Fe systematics in mafic and ultramafic systems: Implications for detecting major element heterogeneities in the Earthâ€™s mantle. Geochimica Et Cosmochimica Acta, 2010, 74, 2779-2796.	3.9	249
13	The development and refinement of continental arcs by primary basaltic magmatism, garnet pyroxenite accumulation, basaltic recharge and delamination: insights from the Sierra Nevada, California. Contributions To Mineralogy and Petrology, 2006, 151, 222-242.	3.1	241
14	The redox state of arc mantle using Zn/Fe systematics. Nature, 2010, 468, 681-685.	27.8	232
15	Water contents in mantle xenoliths from the Colorado Plateau and vicinity: Implications for the mantle rheology and hydrationâ€induced thinning of continental lithosphere. Journal of Geophysical Research, 2008, 113, .	3.3	206
16	The constancy of upper mantle fO2 through time inferred from V/Sc ratios in basalts. Earth and Planetary Science Letters, 2004, 228, 483-493.	4.4	203
17	Re-Os systematics of mantle xenoliths from the East African Rift: age, structure, and history of the Tanzanian craton. Geochimica Et Cosmochimica Acta, 1999, 63, 1203-1217.	3.9	196
18	Mineralogical heterogeneities in the Earth's mantle: Constraints from Mn, Co, Ni and Zn partitioning during partial melting. Earth and Planetary Science Letters, 2011, 307, 395-408.	4.4	194

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19	Radar-Enabled Recovery of the Sutterâ€™s Mill Meteorite, a Carbonaceous Chondrite Regolith Breccia. Science, 2012, 338, 1583-1587.	12.6	191
20	Preservation of ancient and fertile lithospheric mantle beneath the southwestern United States. Nature, 2001, 411, 69-73.	27.8	167
21	Major element chemistry of ocean island basalts â€" Conditions of mantle melting and heterogeneity of mantle source. Earth and Planetary Science Letters, 2010, 289, 377-392.	4.4	166
22	Two-step rise of atmospheric oxygen linked to the growth of continents. Nature Geoscience, 2016, 9, 417-424.	12.9	162
23	Meltâ€"peridotite interactions: Links between garnet pyroxenite and high-Mg# signature of continental crust. Earth and Planetary Science Letters, 2005, 234, 39-57.	4.4	160
24	Upside-down differentiation and generation of a â€˜primordialâ€™ lower mantle. Nature, 2010, 463, 930-933.	27.8	149
25	Effects of crustal thickness on magmatic differentiation in subduction zone volcanism: A global study. Earth and Planetary Science Letters, 2017, 470, 96-107.	4.4	142
26	How to make porphyry copper deposits. Earth and Planetary Science Letters, 2020, 529, 115868.	4.4	141
27	Continental arc-island arc fluctuations, growth of crustal carbonates, and long-term climate change. , 2013, 9, 21-36.		134
28	The redox â€œfilterâ€•beneath magmatic orogens and the formation of continental crust. Science Advances, 2018, 4, eaar4444.	10.3	123
29	Modeling the compositional evolution of recharging, evacuating, and fractionating (REFC) magma chambers: Implications for differentiation of arc magmas. Geochimica Et Cosmochimica Acta, 2014, 143, 8-22.	3.9	115
30	The rise and fall of continental arcs: Interplays between magmatism, uplift, weathering, and climate. Earth and Planetary Science Letters, 2015, 425, 105-119.	4.4	115
31	Osmium Isotopic Evidence for Mesozoic Removal of Lithospheric Mantle Beneath the Sierra Nevada, California. Science, 2000, 289, 1912-1916.	12.6	114
32	The Mg isotopic systematics of granitoids in continental arcs and implications for the role of chemical weathering in crust formation. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 20652-20657.	7.1	112
33	Lithospheric foundering and underthrusting imaged beneath Tibet. Nature Communications, 2017, 8, 15659.	12.8	111
34	Trace-element evidence for the origin of desert varnish by direct aqueous atmospheric deposition. Earth and Planetary Science Letters, 2004, 224, 131-141.	4.4	108
35	Vanadium in peridotites as a proxy for paleo-fO2 during partial melting. Geochimica Et Cosmochimica Acta, 2003, 67, 3045-3064.	3.9	106
36	Extension of lattice strain theory to mineral/mineral rare-earth element partitioning: An approach for assessing disequilibrium and developing internally consistent partition coefficients between olivine, orthopyroxene, clinopyroxene and basaltic melt. Geochimica Et Cosmochimica Acta, 2007, 71, 481-496.	3.9	100

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37	Asteroidal impacts and the origin of terrestrial and lunar volatiles. Icarus, 2013, 222, 44-52.	2.5	99
38	The role of chemical boundary layers in regulating the thickness of continental and oceanic thermal boundary layers. Earth and Planetary Science Letters, 2005, 230, 379-395.	4.4	97
39	Basaltic explosive volcanism, but no comet impact, at the Paleoceneâ€“Eocene boundary: high-resolution chemical and isotopic records from Egypt, Spain and Denmark. Earth and Planetary Science Letters, 2004, 225, 1-17.	4.4	96
40	Episodic nature of continental arc activity since 750 Ma: A global compilation. Earth and Planetary Science Letters, 2017, 461, 85-95.	4.4	91
41	Partitioning of Mo, P and other siderophile elements (Cu, Ga, Sn, Ni, Co, Cr, Mn, V, and W) between metal and silicate melt as a function of temperature and silicate melt composition. Earth and Planetary Science Letters, 2010, 291, 1-9.	4.4	88
42	Trace Element Evidence for Hydrous Metasomatism at the Base of the North American Lithosphere and Possible Association with Laramide Lowâ€Angle Subduction. Journal of Geology, 2005, 113, 673-685.	1.4	87
43	Geochemical investigation of serpentinized oceanic lithospheric mantle in the Feather River Ophiolite, California: Implications for the recycling rate of water by subduction. Chemical Geology, 2006, 235, 161-185.	3.3	86
44	Maficâ€“felsic magma mixing limited by reactive processes: A case study of biotite-rich rinds on mafic enclaves. Earth and Planetary Science Letters, 2014, 393, 49-59.	4.4	85
45	Correlation of seismic and petrologic thermometers suggests deep thermal anomalies beneath hotspots. Earth and Planetary Science Letters, 2007, 264, 308-316.	4.4	82
46	Continental crust formation at arcs, the arclogite â€œdelaminationâ€•cycle, and one origin for fertile melting anomalies in the mantle. Science Bulletin, 2015, 60, 1141-1156.	9.0	81
47	Field and model constraints on silicic melt segregation by compaction/hindered settling: The role of water and its effect on latent heat release. American Mineralogist, 2015, 100, 1762-1777.	1.9	77
48	Petrologic and geochemical investigation of carbonates in peridotite xenoliths from northeastern Tanzania. Contributions To Mineralogy and Petrology, 2000, 139, 470-484.	3.1	75
49	Global Continental Arc Flare-ups and Their Relation to Long-Term Greenhouse Conditions. Elements, 2015, 11, 125-130.	0.5	74
50	Continents, supercontinents, mantle thermal mixing, and mantle thermal isolation: Theory, numerical simulations, and laboratory experiments. Geochemistry, Geophysics, Geosystems, 2011, 12, n/a-n/a.	2.5	70
51	Deep lithospheric dynamics beneath the Sierra Nevada during the Mesozoic and Cenozoic as inferred from xenolith petrology. Geochemistry, Geophysics, Geosystems, 2001, 2, n/a-n/a.	2.5	66
52	A Study of Cathodoluminescence and Trace Element Compositional Zoning in Natural Quartz from Volcanic Rocks: Mapping Titanium Content in Quartz. Microscopy and Microanalysis, 2012, 18, 1322-1341.	0.4	63
53	An intrinsic volatility scale relevant to the Earth and Moon and the status of water in the Moon. Meteoritics and Planetary Science, 2015, 50, 568-577.	1.6	62
54	Platinum-group element geochemistry of peridotite xenoliths from the Sierra Nevada and the Basin and Range, California. Geochimica Et Cosmochimica Acta, 2002, 66, 3987-4005.	3.9	60

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55	Ongoing lithospheric removal in the western Mediterranean: Evidence from Ps receiver functions and thermobarometry of Neogene basalts (PICASSO project). Geochemistry, Geophysics, Geosystems, 2014, 15, 1113-1127.	2.5	60
56	Nb/Ta systematics in arc magma differentiation and the role of arclogites in continent formation. Nature Communications, 2019, 10, 235.	12.8	60
57	Seismic constraints on the depth and composition of the mantle keel beneath the Kaapvaal craton. Earth and Planetary Science Letters, 2004, 224, 337-346.	4.4	58
58	Refertilization-driven destabilization of subcontinental mantle and the importance of initial lithospheric thickness for the fate of continents. Earth and Planetary Science Letters, 2015, 409, 225-231.	4.4	58
59	Deep mantle roots and continental emergence: implications for whole-Earth elemental cycling, long-term climate, and the Cambrian explosion. International Geology Review, 2018, 60, 431-448.	2.1	58
60	Sulfide-bearing cumulates in deep continental arcs: The missing copper reservoir. Earth and Planetary Science Letters, 2020, 531, 115971.	4.4	57
61	Calculating melting temperatures and pressures of peridotite protoliths: Implications for the origin of cratonic mantle. Earth and Planetary Science Letters, 2014, 403, 273-286.	4.4	56
62	Geochemical/petrologic constraints on the origin of cratonic mantle. Geophysical Monograph Series, 2006, , 89-114.	0.1	55
63	Volcanic ash as a driver of enhanced organic carbon burial in the Cretaceous. Scientific Reports, 2018, 8, 4197.	3.3	54
64	Deep Lithospheric Thickening and Refertilization beneath Continental Arcs: Case Study of the P, T and Compositional Evolution of Peridotite Xenoliths from the Sierra Nevada, California. Journal of Petrology, 2012, 53, 477-511.	2.8	53
65	Regulating continent growth and composition by chemical weathering. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 4981-4986.	7.1	52
66	Primitive off-rift basalts from Iceland and Jan Mayen: Os-isotopic evidence for a mantle source containing enriched subcontinental lithosphere. Geochimica Et Cosmochimica Acta, 2009, 73, 3423-3449.	3.9	52
67	Lithosphere versus asthenosphere mantle sources at the Big Pine Volcanic Field, California. Geochemistry, Geophysics, Geosystems, 2012, 13, .	2.5	52
68	Geochemistry of Alpine serpentinites from rifting to subduction: A view across paleogeographic domains and metamorphic grade. Chemical Geology, 2014, 389, 29-47.	3.3	52
69	Platinum-group elements (PGE) and rhenium in marine sediments across the Cretaceousâ€“Tertiary boundary: constraints on Re-PGE transport in the marine environment. Geochimica Et Cosmochimica Acta, 2003, 67, 655-670.	3.9	51
70	Thallium isotopes in early diagenetic pyrite â€“ A paleoredox proxy?. Geochimica Et Cosmochimica Acta, 2011, 75, 6690-6704.	3.9	51
71	Chalcophile behavior of thallium during <scp>MORB</scp> melting and implications for the sulfur content of the mantle. Geochemistry, Geophysics, Geosystems, 2014, 15, 4905-4919.	2.5	51
72	Germanium/silicon of the Ediacaran-Cambrian Laobao cherts: Implications for the bedded chert formation and paleoenvironment interpretations. Geochemistry, Geophysics, Geosystems, 2015, 16, 751-763.	2.5	51

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73	Fluid-mobile element budgets in serpentinized oceanic lithospheric mantle: Insights from B, As, Li, Pb, PGEs and Os isotopes in the Feather River Ophiolite, California. Chemical Geology, 2007, 245, 230-241.	3.3	50
74	Crustal magmatic controls on the formation of porphyry copper deposits. Nature Reviews Earth & Environment, 2021, 2, 542-557.	29.7	50
75	The effects of soil biota and fertilization on the success of Sapium sebiferum. Applied Soil Ecology, 2008, 38, 1-11.	4.3	47
76	Petrogenesis of serpentinites from the Franciscan Complex, western California, USA. Lithos, 2013, 178, 143-157.	1.4	47
77	Thickening, refertilization, and the deep lithosphere filter in continental arcs: Constraints from major and trace elements and oxygen isotopes. Earth and Planetary Science Letters, 2014, 397, 184-200.	4.4	47
78	Possible density segregation of subducted oceanic lithosphere along a weak serpentinite layer and implications for compositional stratification of the Earth's mantle. Earth and Planetary Science Letters, 2007, 255, 357-366.	4.4	46
79	Lithospheric mantle duplex beneath the central Mojave Desert revealed by xenoliths from Dish Hill, California. Journal of Geophysical Research, 2009, 114, .	3.3	46
80	The early formation of the IVA iron meteorite parent body. Earth and Planetary Science Letters, 2010, 296, 469-480.	4.4	46
81	Largeâ€scale tectonic cycles in <scp>E</scp>urope revealed by distinct <scp>P</scp>b isotope provinces. Geochemistry, Geophysics, Geosystems, 2016, 17, 3854-3864.	2.5	46
82	Quantifying trace element disequilibria in mantle xenoliths and abyssal peridotites. Earth and Planetary Science Letters, 2007, 257, 290-298.	4.4	45
83	Recommended mineral-melt partition coefficients for FRTEs (Cu), Ga, and Ge during mantle melting. American Mineralogist, 2015, 100, 2533-2544.	1.9	45
84	Signatures of thesâ€Process in Presolar Silicon Carbide Grains: Barium through Hafnium. Astrophysical Journal, 2006, 647, 676-684.	4.5	44
85	On the formation of an inverted weathering profile on Mount Kilimanjaro, Tanzania: Buried paleosol or groundwater weathering?. Chemical Geology, 2006, 235, 205-221.	3.3	43
86	Role of arc magmatism and lower crustal foundering in controlling elevation history of the Nevadaplano and Colorado Plateau: A case study of pyroxenitic lower crust from central Arizona, USA. Earth and Planetary Science Letters, 2016, 439, 48-57.	4.4	43
87	Experimental determination of the metal/silicate partition coefficient of Germanium: Implications for core and mantle differentiation. Earth and Planetary Science Letters, 2011, 304, 379-388.	4.4	42
88	MIL 03443, a dunite from asteroid 4 Vesta: Evidence for its classification and cumulate origin. Meteoritics and Planetary Science, 2011, 46, 1133-1151.	1.6	42
89	Compositional constraints on the genesis of diogenites. Meteoritics and Planetary Science, 2012, 47, 72-98.	1.6	42
90	Oceanic- and continental-type metamorphic terranes: Occurrence and exhumation mechanisms. Earth-Science Reviews, 2014, 139, 33-46.	9.1	40

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91	Recycling reduced iron at the base of magmatic orogens. Earth and Planetary Science Letters, 2019, 528, 115827.	4.4	40
92	Trace elemental analysis of airborne particulate matter using dynamic reaction cell inductively coupled plasma â€“ mass spectrometry: Application to monitoring episodic industrial emission events. Analytica Chimica Acta, 2011, 686, 40-49.	5.4	39
93	Geochemistry and thermodynamics of an earthquake: A case study of pseudotachylites within mylonitic granitoid. Earth and Planetary Science Letters, 2015, 430, 235-248.	4.4	38
94	A gravimetric K2OsCl6 standard: Application to precise and accurate Os spike calibration. Geochimica Et Cosmochimica Acta, 2001, 65, 2113-2127.	3.9	37
95	Imag(in)ing the continental lithosphere. Tectonophysics, 2006, 416, 167-185.	2.2	37
96	Germanium/silica ratios in diagenetic chert nodules from the Ediacaran Doushantuo Formation, South China. Chemical Geology, 2011, 280, 323-335.	3.3	37
97	Lithium systematics in global arc magmas and the importance of crustal thickening for lithium enrichment. Nature Communications, 2020, 11, 5313.	12.8	37
98	On the origin of hot metasedimentary quartzites in the lower crust of continental arcs. Earth and Planetary Science Letters, 2013, 361, 120-133.	4.4	36
99	Magmatic recharge in continental flood basalts: Insights from the <scp>C</scp>hifeng igneous province in <scp>I</scp>nner <scp>M</scp>ongolia. Geochemistry, Geophysics, Geosystems, 2015, 16, 2082-2096.	2.5	36
100	New bulk sulfur measurements of Martian meteorites and modeling the fate of sulfur during melting and crystallization â€“ Implications for sulfur transfer from Martian mantle to crustâ€“atmosphere system. Earth and Planetary Science Letters, 2015, 409, 157-167.	4.4	36
101	Geochemical evidence for exhumation of eclogite via serpentinite channels in ocean-continent subduction zones. , 2009, 5, 426-438.		35
102	Crustal thickening and endogenic oxidation of magmatic sulfur. Science Advances, 2020, 6, eaba6342.	10.3	34
103	Sulfur isotopic compositions of deep arc cumulates. Earth and Planetary Science Letters, 2018, 500, 76-85.	4.4	33
104	Magnesium isotope systematics of endoskarns: Implications for wallrock reaction in magma chambers. Chemical Geology, 2013, 356, 209-214.	3.3	32
105	Episodes of fast crystal growth in pegmatites. Nature Communications, 2020, 11, 4986.	12.8	32
106	A Framework for Understanding Whole-Earth Carbon Cycling. , 2019, , 313-357.		30
107	Internal distribution of Li and B in serpentinites from the Feather River Ophiolite, California, based on laser ablation inductively coupled plasma mass spectrometry. Geochemistry, Geophysics, Geosystems, 2008, 9, .	2.5	29
108	A trio of laser ablation in concert with two ICPâ€MSs: Simultaneous, pulseâ€byâ€pulse determination of Uâ€Pb discordant ages and a single spot Hf isotope ratio analysis in complex zircons from petrographic thin sections. Geochemistry, Geophysics, Geosystems, 2012, 13, .	2.5	28

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109	Boron isotopic variations in NW USA rhyolites: Yellowstone, Snake River Plain, Eastern Oregon. Journal of Volcanology and Geothermal Research, 2009, 188, 162-172.	2.1	26
110	Copper conundrums. Nature Geoscience, 2014, 7, 10-11.	12.9	26
111	Evolution and maturation of the nascent Mariana arc. Earth and Planetary Science Letters, 2020, 530, 115912.	4.4	26
112	Similarities between Archean high MgO eclogites and Phanerozoic arc-eclogite cumulates and the role of arcs in Archean continent formation. Earth and Planetary Science Letters, 2007, 256, 510-520.	4.4	25
113	Coupled magmatismâ€“erosion in continental arcs: Reconstructing the history of the Cretaceous Peninsular Ranges batholith, southern California through detrital hornblende barometry in forearc sediments. Earth and Planetary Science Letters, 2017, 472, 69-81.	4.4	24
114	An imbalance in the deep water cycle at subduction zones: The potential importance of the fore-arc mantle. Earth and Planetary Science Letters, 2017, 479, 298-309.	4.4	23
115	Were deep cratonic mantle roots hydrated in Archean oceans?. Geology, 2009, 37, 667-670.	4.4	22
116	Rapid mantle convection drove massive crustal thickening in the late Archean. Geochimica Et Cosmochimica Acta, 2020, 278, 6-15.	3.9	22
117	Siderophile element partitioning between cohenite and liquid in the Feâ€“Niâ€“Sâ€“C system and implications for geochemistry of planetary cores and mantles. Geochimica Et Cosmochimica Acta, 2013, 120, 239-250.	3.9	20
118	Trace-element composition of Fe-rich residual liquids formed by fractional crystallization: Implications for the Hadean magma ocean. Geochimica Et Cosmochimica Acta, 2007, 71, 3601-3615.	3.9	17
119	Fluid-metasomatized mantle beneath the Ouachita belt of southern Laurentia: Fate of lithospheric mantle in a continental orogenic belt. Lithosphere, 2009, 1, 370-383.	1.4	17
120	Sequential extraction of labile elements and chemical characterization of a basaltic soil from Mt. Meru, Tanzania. Journal of African Earth Sciences, 2010, 57, 444-454.	2.0	17
121	Missing Lead and High 3He/4He in Ancient Sulfides Associated with Continental Crust Formation. Scientific Reports, 2014, 4, 5314.	3.3	16
122	Critical porosity of melt segregation during crustal melting: Constraints from zonation of peritectic garnets in a dacite volcano. Earth and Planetary Science Letters, 2016, 449, 127-134.	4.4	16
123	Does volcanism cause warming or cooling?. Geology, 2019, 47, 687-688.	4.4	16
124	GEOPHYSICS: Are Earth's Core and Mantle on Speaking Terms?. Science, 2004, 306, 64-65.	12.6	15
125	The role of serpentine in preferential craton formation in the late Archean by lithosphere underthrusting. Earth and Planetary Science Letters, 2008, 269, 96-104.	4.4	15
126	Sulfur Concentration in Geochemical Reference Materials by Solution Inductively Coupled Plasmaâ€Mass Spectrometry. Geostandards and Geoanalytical Research, 2014, 38, 51-60.	3.1	15

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127	Open-system Behavior during Pluton-Wall-rock Interaction as Constrained from a Study of Endoskarns in the Sierra Nevada Batholith, California. Journal of Petrology, 2011, 52, 1987-2008.	2.8	13
128	Rapid endogenic rock recycling in magmatic arcs. Nature Communications, 2021, 12, 3533.	12.8	13
129	Possible chemical modification of oceanic lithosphere by hotspot magmatism: Seismic evidence from the junction of Ninetyeast Ridge and the Sumatraâ€“Andaman arc. Earth and Planetary Science Letters, 2008, 265, 386-395.	4.4	12
130	Intraplate volcanism. Nature, 2012, 482, 314-315.	27.8	12
131	Geochemical signals of mafic-felsic mixing: Case study of enclave swarms in the Bernasconi Hills pluton, California. Bulletin of the Geological Society of America, 2018, 130, 649-660.	3.3	12
132	The contribution to exogenic CO₂ by contact metamorphism at continental arcs: A coupled model of fluid flux and metamorphic decarbonation. Numerische Mathematik, 2019, 319, 631-657.	1.4	12
133	Hydrothermal circulation cools continental crust under exhumation. Earth and Planetary Science Letters, 2019, 515, 248-259.	4.4	11
134	In search for the missing arc root of the Southern California Batholith: P-T-t evolution of upper mantle xenoliths of the Colorado Plateau Transition Zone. Earth and Planetary Science Letters, 2020, 547, 116447.	4.4	11
135	Determination of Thallium in the <scp>USGS</scp> Glass Reference Materials <scp>BIR</scp>â€1G, <scp>BHVO</scp>â€2G and <scp>BCR</scp>â€2G and Application to Quantitative Tl Concentrations by <scp>LA</scp>â€<scp>ICP</scp>â€<scp>MS</scp>. Geostandards and Geoanalytical Research, 2013, 37, 337-343.	3.1	10
136	On the role of chemical weathering of continental arcs in long-term climate regulation: A case study of the Peninsular Ranges batholith, California (USA). Earth and Planetary Science Letters, 2019, 525, 115733.	4.4	9
137	Osmium Isotope Constraints on Tectonic Evolution of the Lithosphere in the Southwestern United States. International Geology Review, 2002, 44, 501-511.	2.1	8
138	Ge/Si Partitioning in Igneous Systems: Constraints From Laser Ablation ICPâ€MS Measurements on Natural Samples. Geochemistry, Geophysics, Geosystems, 2019, 20, 4472-4486.	2.5	8
139	Fast melt expulsion from crystal-rich mushes via induced anisotropic permeability. Earth and Planetary Science Letters, 2021, 571, 117113.	4.4	8
140	Geochemical diagnostics of metasedimentary dark enclaves: a case study from the Peninsular Ranges Batholith, southern California. International Geology Review, 2013, 55, 1049-1072.	2.1	7
141	Oxygen fugacity range of subducting crust inferred from fractionation of trace elements during fluid-present slab melting in the presence of anhydrite versus sulfide. Geochimica Et Cosmochimica Acta, 2022, 325, 214-231.	3.9	7
142	An internal normalization technique for unmixing total-spiked mixtures with application to MC-ICP-MS. Computers and Geosciences, 2001, 27, 577-581.	4.2	6
143	The Pliocene-Pleistocene transition had dual effects on North American migratory bird speciation. Palaeogeography, Palaeoclimatology, Palaeoecology, 2016, 462, 85-91.	2.3	6
144	Petrogenesis of the cogenetic Stewart pegmatite-aplite, Pala, California: Regional implications. Lithosphere, 2019, 11, 91-128.	1.4	6

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145	Partitioning of chalcophile and highly siderophile elements (HSEs) between sulfide and carbonated melts â€“ Implications for HSE systematics of kimberlites, carbonatites, and melt metasomatized mantle domains. Geochimica Et Cosmochimica Acta, 2021, 305, 130-147.	3.9	6
146	Rise of the continents. Nature Geoscience, 2015, 8, 506-507.	12.9	5
147	Influence of water on granite generation: Modeling and perspective. Journal of Asian Earth Sciences, 2019, 174, 126-134.	2.3	5
148	Exploration of tektite formation processes through water and metal content measurements. Meteoritics and Planetary Science, 2011, 46, 1025-1032.	1.6	4
149	Sulfur determination by laser ablation high resolution magnetic sector ICP-MS applied to glasses, aphyric lavas, and micro-laminated sediments. Diqiu Huaxue, 2015, 34, 273-288.	0.5	4
150	Disequilibrium crystallization and rapid crystal growth: a case study of orbicular granitoids of magmatic origin. International Geology Review, 2021, 63, 900-916.	2.1	4
151	Paleo-viscometry of magma bodies. Earth and Planetary Science Letters, 2008, 267, 100-106.	4.4	3
152	Low-initial-Sr felsic plutons of the northwestern Peninsular Ranges batholith, southern California, and the role of mafic-felsic magma mixing in continental crust formation. , 2014, , .		3
153	Trace elements and U-Pb ages in petrified wood as indicators of paleo-hydrologic events. Chemical Geology, 2018, 493, 266-280.	3.3	3
154	Large Silicic Eruptions, Episodic Recharge, and the Transcrustal Magmatic System. Geochemistry, Geophysics, Geosystems, 2020, 21, e2020GC009220.	2.5	3
155	Geochemical Classification of Elements. Encyclopedia of Earth Sciences Series, 2018, , 545-549.	0.1	3
156	Thick crust, hydrous magmas, and the paradox of voluminous cold magmatism. Volcanica, 2021, 4, 227-238.	1.8	2
157	Stable isotope (C, N, O, and H) study of a comprehensive set of feathers from two Setophaga citrina. PLoS ONE, 2021, 16, e0236536.	2.5	1
158	Acceptance of the 2009 F.W. Clarke Award. Geochimica Et Cosmochimica Acta, 2012, 89, 346-348.	3.9	0
159	Appreciation of peer reviewers for 2014. Geochemistry, Geophysics, Geosystems, 2015, 16, 2473-2479.	2.5	0
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#	Article	IF	Citations
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