

R J Arculus

List of Publications by Year in descending order

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178
papers

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19657

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117
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183
all docs

183
docs citations

183
times ranked

6689
citing authors

#	ARTICLE	IF	CITATIONS
1	Scientific ocean drilling in the Australasian region: a review. Australian Journal of Earth Sciences, 2022, 69, 305-382.	1.0	0
2	Platinum-Group Element Geochemistry and Magma Evolution of the Mount Hagen (Papua New Guinea) Magmatic System. Journal of Petrology, 2022, 63, .	2.8	1
3	Silica-rich spinel harzburgite residues formed by fractional hybridization-melting of the intra-oceanic supra-subduction zone mantle: New evidence from TUBAF seamount peridotites. Geochimica Et Cosmochimica Acta, 2021, 293, 477-506.	3.9	13
4	Igneous Processes. , 2021, , 1-15.		0
5	Using precious metal probes to quantify mid-ocean ridge magmatic processes. Earth and Planetary Science Letters, 2021, 553, 116603.	4.4	14
6	Ti ⁴⁺ -V magnetite stratigraphy of the Upper Zone of the Windimurra Igneous Complex, Western Australia. Ore Geology Reviews, 2021, 128, 103922.	2.7	1
7	Boninites. , 2021, , 113-129.		6
8	Morphotectonic Analysis of the East Manus Basin, Papua New Guinea. Frontiers in Earth Science, 2021, 8, .	1.8	3
9	Compositions and Classification of Fractionated Boninite Series Melts from the Izu-Bonin-Mariana Arc: A Machine Learning Approach. Journal of Petrology, 2021, 62, .	2.8	6
10	Volcaniclastic sandstones record the influence of subducted Pacific MORB on magmatism at the early Izu-Bonin arc. Geochimica Et Cosmochimica Acta, 2021, 296, 170-188.	3.9	8
11	Basalt derived from highly refractory mantle sources during early Izu-Bonin-Mariana arc development. Nature Communications, 2021, 12, 1723.	12.8	23
12	Emplacement processes of proto-arc basalt in the Izu-Bonin-Mariana arc system. Island Arc, 2021, 30, e12401.	1.1	2
13	The 6 th -8 Aug 2019 eruption of Volcano F ^o in the Tofua Arc, Tonga. Journal of Volcanology and Geothermal Research, 2020, 390, 106695.	2.1	18
14	SW Pacific arc and backarc lavas and the role of slab-bend serpentinites in the global halogen cycle. Earth and Planetary Science Letters, 2020, 530, 115921.	4.4	22
15	Shallow Seafloor Gas emissions Near Heard and McDonald Islands on the Kerguelen Plateau, Southern Indian Ocean. Earth and Space Science, 2020, 7, e2019EA000695.	2.6	4
16	Sedimentary and volcanic record of the nascent Izu-Bonin-Mariana arc from IODP Site U1438. Bulletin of the Geological Society of America, 2020, , .	3.3	11
17	A case of Ampferer-type subduction and consequences for the Alps and the Pyrenees. Numerische Mathematik, 2020, 320, 313-372.	1.4	40
18	Incremental Growth of Layered Mafic-Ultramafic Intrusions Through Melt Replenishment Into a Crystal Mush Zone Traced by Fe-Hf Isotope Systematics. Frontiers in Earth Science, 2020, 8, .	1.8	7

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19	Evolution of chalcophile elements in the magmas of the Bonin Islands. <i>Chemical Geology</i> , 2019, 508, 234-249.	3.3	13
20	Reconciling petrological and isotopic mixing mechanisms in the Pitcairn mantle plume using stable Fe isotopes. <i>Earth and Planetary Science Letters</i> , 2019, 521, 60-67.	4.4	42
21	Isotopic Characteristics of Neogene-Quaternary Tephra From IODP Site U1438: A Record of Explosive Volcanic Activity in the Kyushu-Ryukyu Arc. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 2318-2333.	2.5	5
22	How to Create New Subduction Zones: A Global Perspective. <i>Oceanography</i> , 2019, 32, 160-174.	1.0	41
23	Lateral variation in crustal structure along the Lesser Antilles arc from petrology of crustal xenoliths and seismic receiver functions. <i>Earth and Planetary Science Letters</i> , 2019, 516, 12-24.	4.4	42
24	Implications of Eocene-age Philippine Sea and forearc basalts for initiation and early history of the Izu-Bonin-Mariana arc. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 228, 136-156.	3.9	48
25	Variation in sub-arc mantle oxygen fugacity during partial melting recorded in refractory peridotite xenoliths from the West Bismarck Arc. <i>Chemical Geology</i> , 2018, 486, 16-30.	3.3	45
26	Origin of depleted basalts during subduction initiation and early development of the Izu-Bonin-Mariana island arc: Evidence from IODP expedition 351 site U1438, Amami-Sankaku basin. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 229, 85-111.	3.9	83
27	Age of Izu-Bonin-Mariana arc basement. <i>Earth and Planetary Science Letters</i> , 2018, 481, 80-90.	4.4	131
28	Subduction initiation without magmatism: The case of the missing Alpine magmatic arc. <i>Geology</i> , 2018, 46, 1059-1062.	4.4	54
29	Low-Ca boninite formation by second-stage melting of spinel harzburgite residues at mature subduction zones: new evidence from veined mantle xenoliths from the West Bismarck Arc. <i>Contributions To Mineralogy and Petrology</i> , 2018, 173, 1.	3.1	8
30	Iron isotope variability in ocean floor lavas and mantle sources in the Lau back-arc basin. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 241, 150-163.	3.9	23
31	Oxidising agents in sub-arc mantle melts link slab devolatilisation and arc magmas. <i>Nature Communications</i> , 2018, 9, 3500.	12.8	91
32	The arc arises: The links between volcanic output, arc evolution and melt composition. <i>Earth and Planetary Science Letters</i> , 2017, 461, 73-84.	4.4	57
33	Geodynamic implications for zonal and meridional isotopic patterns across the northern Lau and North Bonin arcs. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 1013-1042.	2.5	14
34	Sulfur isotope signatures in the lower crust: A SIMS study on S-rich scapolite of granulites. <i>Chemical Geology</i> , 2017, 454, 54-66.	3.3	23
35	Generation and Modification of the Mantle Wedge and Lithosphere beneath the West Bismarck Island Arc: Melting, Metasomatism and Thermal History of Peridotite Xenoliths from Ritter Island. <i>Journal of Petrology</i> , 2017, 58, 1475-1510.	2.8	24
36	The 1994-2001 eruptive period at Rabaul, Papua New Guinea: Petrological and geochemical evidence for basalt injections into a shallow dacite magma reservoir, and significant SO ₂ flux. <i>Journal of Volcanology and Geothermal Research</i> , 2017, 345, 200-217.	2.1	12

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37	Generation of Silicic Melts in the Early Izu-Bonin Arc Recorded by Detrital Zircons in Proximal Arc Volcaniclastic Rocks From the Philippine Sea. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 3576-3591.	2.5	31
38	Ancient xenocrystic zircon in young volcanic rocks of the southern Lesser Antilles island arc. <i>Lithos</i> , 2017, 290-291, 228-252.	1.4	26
39	Petrological and experimental evidence for differentiation of water-rich magmas beneath St. Kitts, Lesser Antilles. <i>Contributions To Mineralogy and Petrology</i> , 2017, 172, 98.	3.1	42
40	Chlorine and fluorine partition coefficients and abundances in sub-arc mantle xenoliths (Kamchatka,). <i>Journal of Petrology</i> , 2017, 58, 107-130.	3.9	33
41	Silica-enriched mantle sources of subalkaline picrite-boninite-andesite island arc magmas. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 199, 287-303.	3.9	42
42	Primary Silica-rich Picrite and High-Ca Boninite Melt Inclusions in Pyroxenite Veins from the Kamchatka Sub-arc Mantle. <i>Journal of Petrology</i> , 2016, 57, 1955-1982.	2.8	23
43	Reply to 'Unclear causes for subduction'. <i>Nature Geoscience</i> , 2016, 9, 338-339.	12.9	7
44	The Fonualei Rift and Spreading Center: Effects of ultraslow spreading and arc proximity on back-arc crustal accretion. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 4814-4835.	3.4	21
45	Redox-variability and controls in subduction zones from an iron-isotope perspective. <i>Earth and Planetary Science Letters</i> , 2015, 432, 142-151.	4.4	74
46	The competing effects of sulfide saturation versus degassing on the behavior of the chalcophile elements during the differentiation of hydrous melts. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 1490-1507.	2.5	57
47	Helium isotope, $^{3}\text{He}/^{4}\text{He}$, and $^{87}\text{Sr}/^{86}\text{Sr}$ signatures in the northern Lau back-arc basin: Distinguishing arc, back-arc, and hotspot affinities. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 1133-1155.	2.5	50
48	Temporal Evolution of the Mariana Arc: Mantle Wedge and Subducted Slab Controls Revealed with a Tephra Perspective. <i>Journal of Petrology</i> , 2015, 56, 409-439.	2.8	73
49	Selective ingress of a Samoan plume component into the northern Lau back-arc basin. <i>Nature Communications</i> , 2015, 6, 6554.	12.8	17
50	Frozen melt-rock reaction in a peridotite xenolith from sub-arc mantle recorded by diffusion of trace elements and water in olivine. <i>Earth and Planetary Science Letters</i> , 2015, 422, 169-181.	4.4	44
51	A record of spontaneous subduction initiation in the Izu-Bonin-Mariana arc. <i>Nature Geoscience</i> , 2015, 8, 728-733.	12.9	194
52	Trace Element Stratigraphy of the Bellevue Core, Northern Bushveld: Multiple Magma Injections Obscured by Diffusive Processes. <i>Journal of Petrology</i> , 2014, 55, 859-882.	2.8	39
53	Oxidised phase relations of a primitive basalt from Grenada, Lesser Antilles. <i>Contributions To Mineralogy and Petrology</i> , 2014, 167, 1.	3.1	36
54	Prograde Sulfide Metamorphism in Blueschist and Eclogite, New Caledonia. <i>Journal of Petrology</i> , 2014, 55, 643-670.	2.8	15

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55	Petrology of Plutonic Xenoliths and Volcanic Rocks from Grenada, Lesser Antilles. <i>Journal of Petrology</i> , 2014, 55, 1353-1387.	2.8	47
56	Subduction-related halogens (Cl, Br and I) and H ₂ O in magmatic glasses from Southwest Pacific Backarc Basins. <i>Earth and Planetary Science Letters</i> , 2014, 400, 165-176.	4.4	52
57	Coupled Hf ^ε -Nd ^ε -Pb isotope co-variations of HIMU oceanic island basalts from Mangaia, Cook-Austral islands, suggest an Archean source component in the mantle transition zone. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 112, 87-101.	3.9	40
58	Upper Zone of the Archean Windimurra layered mafic intrusion, Western Australia: insights into fractional crystallisation in a large magma chamber. <i>Neues Jahrbuch Fur Mineralogie, Abhandlungen</i> , 2013, 191, 83-107.	0.3	9
59	Quantifying brine assimilation by submarine magmas: Examples from the Galpagos Spreading Centre and Lau Basin. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 123, 150-165.	3.9	98
60	Lu ^ε -Hf isotopic memory of plume ^ε -lithosphere interaction in the source of layered mafic intrusions, Windimurra Igneous Complex, Yilgarn Craton, Australia. <i>Earth and Planetary Science Letters</i> , 2013, 380, 151-161.	4.4	28
61	Paleozoic to Triassic ocean opening and closure preserved in Central Iran: Constraints from the geochemistry of meta-igneous rocks of the Anarak area. <i>Lithos</i> , 2013, 172-173, 267-287.	1.4	49
62	Platinum-alloy and sulfur saturation in an arc-related basalt to rhyolite suite: Evidence from the Pual Ridge lavas, the Eastern Manus Basin. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 101, 76-95.	3.9	80
63	Iron isotopic evidence for convective resurfacing of recycled arc-front mantle beneath back-arc basins. <i>Geophysical Research Letters</i> , 2013, 40, 5849-5853.	4.0	44
64	The Magnetite Crisis in the Evolution of Arc-related Magmas and the Initial Concentration of Au, Ag and Cu. <i>Journal of Petrology</i> , 2012, 53, 1089-1089.	2.8	5
65	Inter-element fractionation of highly siderophile elements in the Tonga Arc due to flux melting of a depleted source. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 89, 202-225.	3.9	89
66	Hydrothermal activity in the Northwest Lau Backarc Basin: Evidence from water column measurements. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	2.5	10
67	Chalcophile element systematics in volcanic glasses from the northwestern Lau Basin. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	2.5	81
68	Characterizing the effect of mantle source, subduction input and melting in the Fonualei Spreading Center, Lau Basin: Constraints on the origin of the boninitic signature of the back ^ε arc lavas. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	2.5	37
69	Tracing mantle sources and Samoan influence in the northwestern Lau back ^ε arc basin. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	2.5	44
70	Mantle hotspot neon in basalts from the Northwest Lau Back ^ε arc Basin. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	19
71	Mantle flow, volatiles, slab ^ε surface temperatures and melting dynamics in the north Tonga arc ^ε Lau back ^ε arc basin. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	18
72	The Longwood Igneous Complex, Southland, New Zealand: A Permo-Jurassic, intra-oceanic, subduction-related, I-type batholithic complex. <i>Lithos</i> , 2011, 126, 1-21.	1.4	31

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73	Oceanic intraplate volcanoes exposed: Example from seamounts accreted in Panama. <i>Geology</i> , 2011, 39, 335-338.	4.4	67
74	Pb-isotopic evidence for rapid trench-parallel mantle flow beneath Vanuatu. <i>Journal of the Geological Society</i> , 2011, 168, 265-271.	2.1	20
75	The fate of subducted oceanic crust: a mineral segregation model. <i>International Geology Review</i> , 2011, 53, 879-893.	2.1	18
76	Deeply explosive. <i>Nature Geoscience</i> , 2011, 4, 737-738.	12.9	7
77	The Magnetite Crisis in the Evolution of Arc-related Magmas and the Initial Concentration of Au, Ag and Cu. <i>Journal of Petrology</i> , 2010, 51, 2445-2464.	2.8	351
78	Late Cretaceous arc development on the SW margin of the Caribbean Plate: Insights from the Golfito, Costa Rica, and Azuero, Panama, complexes. <i>Geochemistry, Geophysics, Geosystems</i> , 2010, 11, .	2.5	105
79	High-Ca boninites from the active Tonga Arc. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	90
80	Temporal Variations in U-series Disequilibria in an Active Caldera, Rabaul, Papua New Guinea. <i>Journal of Petrology</i> , 2009, 50, 507-529.	2.8	19
81	Asteroids and andesites. <i>Nature</i> , 2009, 459, E1-E1.	27.8	11
82	Helium isotope variations in seafloor basalts from the Northwest Lau Backarc Basin: Mapping the influence of the Samoan hotspot. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	46
83	The importance of talc and chlorite hybrid rocks for volatile recycling through subduction zones; evidence from the high-pressure subduction mélange of New Caledonia. <i>Contributions To Mineralogy and Petrology</i> , 2008, 155, 181-198.	3.1	148
84	Landforms predict phylogenetic structure on one of the world's most ancient surfaces. <i>BMC Evolutionary Biology</i> , 2008, 8, 152.	3.2	26
85	Submarine back-arc lava with arc signature: Fonualei Spreading Center, northeast Lau Basin, Tonga. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	70
86	Structure and petrology of newly discovered volcanic centers in the northern Kermadec-southern Tofua arc, South Pacific Ocean. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	47
87	Constancy of Nb/U in the mantle revisited. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 3542-3549.	3.9	90
88	Chlorine in submarine volcanic glasses from the eastern Manus basin. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 1542-1552.	3.9	96
89	Multiple hydrothermal sources along the south Tonga arc and Valu Fa Ridge. <i>Geochemistry, Geophysics, Geosystems</i> , 2007, 8, .	2.5	46
90	Assessing the State of Our Knowledge of Continental Arc Volcanism: The Tataras-San Pedro Complex, 36°S, Andean Southern Volcanic Zone. <i>GSA Today</i> , 2007, 17, 22.	2.0	0

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91	SHRIMP ion probe zircon geochronology and Sr and Nd isotope geochemistry for southern Longwood Range and Bluff Peninsula intrusive rocks of Southland, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 2006, 49, 291-303.	1.8	25
92	Geochemistry of basalt from the Ayu Trough, equatorial western Pacific. <i>Earth and Planetary Science Letters</i> , 2006, 248, 700-714.	4.4	12
93	Magmatic origin of low-Ca olivine in subduction-related magmas: Co-existence of contrasting magmas. <i>Chemical Geology</i> , 2006, 233, 346-357.	3.3	85
94	Coriolis Troughs and southern New Hebrides Arc: primary tectonic results from the CoTroVE (SS06/2004) Research Voyage. <i>ASEG Extended Abstracts</i> , 2006, 2006, 1-6.	0.1	0
95	Supra-subduction Zone Pyroxenites from San Jorge and Santa Isabel (Solomon Islands). <i>Journal of Petrology</i> , 2006, 47, 1531-1555.	2.8	76
96	Northern Tonga Arc and Fonualei Rifts: initial results from the NoToVE (SS11/2004) Research Voyage. <i>ASEG Extended Abstracts</i> , 2006, 2006, 1-5.	0.1	1
97	New hydrothermal activity and alkalic volcanism in the backarc Coriolis Troughs, Vanuatu. <i>Geology</i> , 2005, 33, 61.	4.4	19
98	Origin of chromitites in layered intrusions: Evidence from chromite-hosted melt inclusions from the Stillwater Complex. <i>Geology</i> , 2005, 33, 893.	4.4	133
99	Igneous rocks of the Brook Street Terrane, New Zealand: Implications for Permian tectonics of eastern Gondwana and magma genesis in modern intra-oceanic volcanic arcs. <i>New Zealand Journal of Geology, and Geophysics</i> , 2005, 48, 167-183.	1.8	43
100	Hydrothermal activity on near-arc sections of back-arc ridges: Results from the Mariana Trough and Lau Basin. <i>Geochemistry, Geophysics, Geosystems</i> , 2005, 6, n/a-n/a.	2.5	46
101	Release of gold-bearing fluids in convergent margin magmas prompted by magnetite crystallization. <i>Nature</i> , 2004, 431, 975-978.	27.8	293
102	Reply to comments on "Redistribution of trace elements during prograde metamorphism from lawsonite blueschist to eclogite facies: implications for deep subduction zone processes". <i>Contributions To Mineralogy and Petrology</i> , 2004, 148, 506-509.	3.1	3
103	Geochemical heterogeneity and element mobility in deeply subducted oceanic crust; insights from high-pressure mafic rocks from New Caledonia. <i>Chemical Geology</i> , 2004, 206, 21-42.	3.3	154
104	Evolution of arc magmas and their volatiles. <i>Geophysical Monograph Series</i> , 2004, , 95-108.	0.1	9
105	Petrogenesis of the Greenhills Complex, Southland, New Zealand: magmatic differentiation and cumulate formation at the roots of a Permian island-arc volcano. <i>Contributions To Mineralogy and Petrology</i> , 2003, 144, 703-721.	3.1	69
106	Redistribution of trace elements during prograde metamorphism from lawsonite blueschist to eclogite facies; implications for deep subduction-zone processes. <i>Contributions To Mineralogy and Petrology</i> , 2003, 146, 205-222.	3.1	322
107	Peridotite xenoliths from Grenada, Lesser Antilles Island Arc. <i>Contributions To Mineralogy and Petrology</i> , 2003, 146, 241-262.	3.1	112
108	'Forbidden zone' subduction of sediments to 150 km depth- the reaction of dolomite to magnesite + aragonite in the UHPM metapelites from western Tianshan, China. <i>Journal of Metamorphic Geology</i> , 2003, 21, 523-529.	3.4	103

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109	Enhanced mantle-to-crust rhenium transfer in undegassed arc magmas. <i>Nature</i> , 2003, 422, 294-297.	27.8	131
110	The geochemical evolution of the Izu-Bonin arc system: A perspective from tephra recovered by deep-sea drilling. <i>Geochemistry, Geophysics, Geosystems</i> , 2003, 4, n/a-n/a.	2.5	65
111	Evidence for rhenium enrichment in the mantle wedge from submarine arc-like volcanic glasses (Papua New Guinea). <i>Geology</i> , 2003, 31, 845.	4.4	76
112	Rhenium systematics in submarine MORB and back-arc basin glasses: laser ablation ICP-MS results. <i>Chemical Geology</i> , 2003, 196, 259-281.	3.3	122
113	Use and Abuse of the Terms Calcalkaline and Calcalkalic. <i>Journal of Petrology</i> , 2003, 44, 929-935.	2.8	222
114	Olivine-enriched melt inclusions in chromites from low-Ca boninites, Cape Vogel, Papua New Guinea: evidence for ultramafic primary magma, refractory mantle source and enriched components. <i>Chemical Geology</i> , 2002, 183, 287-303.	3.3	86
115	A Geochemical Classification for Granitic Rocks. <i>Journal of Petrology</i> , 2001, 42, 2033-2048.	2.8	3,179
116	Using melt inclusions to determine parent-magma compositions of layered intrusions: Application to the Greenhills Complex (New Zealand), a platinum group mineral-bearing, island-arc intrusion. <i>Geology</i> , 2000, 28, 991.	4.4	37
117	Using melt inclusions to determine parent-magma compositions of layered intrusions: Application to the Greenhills Complex (New Zealand), a platinum group mineral-bearing, island-arc intrusion. <i>Geology</i> , 2000, 28, 991-994.	4.4	1
118	Laser ablation-inductively coupled plasma-mass spectrometry and tephra: A new approach to understanding arc-magma genesis. <i>Geology</i> , 1999, 27, 1119.	4.4	43
119	The redox state of subduction zones: insights from arc-peridotites. <i>Chemical Geology</i> , 1999, 160, 409-423.	3.3	452
120	Geochemical window into subduction and accretion processes: Raspas metamorphic complex, Ecuador. <i>Geology</i> , 1999, 27, 547.	4.4	112
121	Multiple magma sources involved in marginal-sea formation: Pb, Sr, and Nd isotopic evidence from the Japan Sea region. <i>Geology</i> , 1998, 26, 619.	4.4	38
122	$^{40}\text{Ar}/^{39}\text{Ar}$ and K-Ar geochronological age constraints for the inception and early evolution of the Izu-Bonin - Mariana arc system. <i>Island Arc</i> , 1998, 7, 579-595.	1.1	5
123	Clarence River Supersuite: 250 Ma Cordilleran Tonalitic I-type Intrusions in Eastern Australia. <i>Journal of Petrology</i> , 1997, 38, 975-1001.	2.8	69
124	Resolution of the effects of crustal assimilation, sediment subduction, and fluid transport in island arc magmas: PbSrNdO isotope geochemistry of Grenada, Lesser Antilles. <i>Geochimica Et Cosmochimica Acta</i> , 1996, 60, 4785-4810.	3.9	176
125	Lithospheric Contributions to Arc Magmatism: Isotope Variations Along Strike in Volcanoes of Honshu, Japan. <i>Science</i> , 1996, 272, 1464-1468.	12.6	77
126	Geochemical evolution of arc systems in the western Pacific: The ash and turbidite record recovered by drilling. <i>Geophysical Monograph Series</i> , 1995, , 45-65.	0.1	26

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127	Geochemical and isotopic characteristics of lower crustal xenoliths, San Francisco Volcanic Field, Arizona, U.S.A. <i>Lithos</i> , 1995, 36, 203-225.	1.4	46
128	Regional Petrology of the San Francisco Volcanic Field, Arizona, USA. <i>Journal of Petrology</i> , 1995, 36, 827-861.	2.8	20
129	Pb isotope composition of Klyuchevskoy volcano, Kamchatka and North Pacific sediments: Implications for magma genesis and crustal recycling in the Kamchatkan arc. <i>Earth and Planetary Science Letters</i> , 1995, 136, 133-148.	4.4	73
130	Rare Earth Element Evidence for the Petrogenesis of the Banded Series of the Stillwater Complex, Montana, and its Anorthosites. <i>Journal of Petrology</i> , 1994, 35, 1623-1649.	2.8	11
131	Klyuchevskoy Volcano, Kamchatka, Russia: The Role of High-Flux Recharged, Tapped, and Fractionated Magma Chamber(s) in the Genesis of High-Al ₂ O ₃ from High-MgO Basalt. <i>Journal of Petrology</i> , 1994, 35, 1-41.	2.8	94
132	Aspects of magma genesis in arcs. <i>Lithos</i> , 1994, 33, 189-208.	1.4	270
133	Garnet-pyroxene-amphibole xenoliths from Chino Valley, Arizona, and implications for continental lithosphere below the Moho. <i>Journal of Geophysical Research</i> , 1994, 99, 683-696.	3.3	21
134	High Field Strength Element Anomalies in Arc Lavas: Source or Process?. <i>Journal of Petrology</i> , 1994, 35, 819-838.	2.8	325
135	Multiphase inclusions in plagioclase from anorthosites in the Stillwater Complex, Montana: implications for the origin of the anorthosites. <i>Contributions To Mineralogy and Petrology</i> , 1993, 114, 63-78.	3.1	39
136	Reply to ?Comments on Nd?Sr isotopic compositions of lower crustal xenoliths-Evidence for the origin of mid-Tertiary felsic volcanics in Mexico? by K.L. Cameron and J.V. Robinson. <i>Contributions To Mineralogy and Petrology</i> , 1990, 104, 615-618.	3.1	29
137	Genesis of Continental Crust: Evidence from Island Arcs, Granulites, and Exospheric Processes. , 1990, , 7-23.		14
138	Electrochemical measurements and thermodynamic calculations of redox equilibria in pallasite meteorites: Implications for the eucrite parent body. <i>Geochimica Et Cosmochimica Acta</i> , 1990, 54, 1803-1815.	3.9	20
139	Standard molar Gibbs free energy of formation for Cu ₂ O: high-resolution electrochemical measurements from 900 to 1300 K. <i>Journal of Chemical Thermodynamics</i> , 1989, 21, 351-361.	2.0	14
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