

Ian H Campbell

List of Publications by Year in descending order

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180
papers

19,948
citations

7096

78
h-index

10734

138
g-index

188
all docs

188
docs citations

188
times ranked

7816
citing authors

#	ARTICLE	IF	CITATIONS
1	The temporal distribution of Earth's supermountains and their potential link to the rise of atmospheric oxygen and biological evolution. <i>Earth and Planetary Science Letters</i> , 2022, 580, 117391.	4.4	21
2	Chromitite layers indicate the existence of large, long-lived, and entirely molten magma chambers. <i>Scientific Reports</i> , 2022, 12, 4092.	3.3	14
3	Nd-Hf isotopic systematics of the arc mantle and their implication for continental crust growth. <i>Chemical Geology</i> , 2022, 602, 120897.	3.3	5
4	Role of magma differentiation depth in controlling the Au grade of giant porphyry deposits. <i>Earth and Planetary Science Letters</i> , 2022, 593, 117640.	4.4	5
5	Platinum-group element geochemistry of the volcanic rocks associated with the Jaguar and Bentley Cu-Zn volcanogenic massive sulfide (VMS) deposits, Western Australia: implications for the role of chalcophile element fertility on VMS mineralization. <i>Mineralium Deposita</i> , 2021, 56, 583-600.	4.1	2
6	Using precious metal probes to quantify mid-ocean ridge magmatic processes. <i>Earth and Planetary Science Letters</i> , 2021, 553, 116603.	4.4	14
7	Crustal magmatic controls on the formation of porphyry copper deposits. <i>Nature Reviews Earth & Environment</i> , 2021, 2, 542-557.	29.7	50
8	Kinetic factors control trace element and isotope zoning in Archean pyrite corona nodules. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 315, 230-250.	3.9	3
9	S-type granites: Their origin and distribution through time as determined from detrital zircons. <i>Earth and Planetary Science Letters</i> , 2020, 536, 116140.	4.4	70
10	Platinum-Group Element Geochemistry of the Escondida Igneous Suites, Northern Chile: Implications for Ore Formation. <i>Journal of Petrology</i> , 2019, 60, 487-514.	2.8	26
11	Emplacement origins of coarsely-crystalline mafic rocks hosted in greenstone belts: Examples from the 2.7 Ga Yilgarn Craton, Western Australia. <i>Precambrian Research</i> , 2019, 324, 236-252.	2.7	7
12	Chalcophile element fertility and the formation of porphyry Cu ± Au deposits. <i>Mineralium Deposita</i> , 2019, 54, 657-670.	4.1	45
13	Platinum-group element geochemistry of the Forest Reef Volcanics, southeastern Australia: Implications for porphyry Au-Cu mineralisation. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 220, 385-406.	3.9	21
14	When do mantle plumes destroy diamonds?. <i>Earth and Planetary Science Letters</i> , 2018, 502, 244-252.	4.4	25
15	Diffusion and solubilities of Rh, Ru and Ir in olivine and spinel. <i>Chemical Geology</i> , 2018, 494, 19-29.	3.3	8
16	Platinum-group element geochemistry used to determine Cu and Au fertility in the Northparkes igneous suites, New South Wales, Australia. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 216, 372-392.	3.9	38
17	The concurrent emergence and causes of double volcanic hotspot tracks on the Pacific plate. <i>Nature</i> , 2017, 545, 472-476.	27.8	41
18	Empirical constraints on partitioning of platinum group elements between Cr-spinel and primitive terrestrial magmas. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 216, 393-416.	3.9	27

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19	Discussion: "Xenoliths in ultrapotassic volcanic rocks in the Lhasa block: direct evidence for crustal mantle mixing and metamorphism in the deep crust" by Wang et al. 2016 (Contributions to Tj ETQq1 1 0.7843143gBT /Over		
20	Raising the continental crust. <i>Earth and Planetary Science Letters</i> , 2017, 460, 112-122.	4.4	45
21	A subsidiary fast-diffusing substitution mechanism of Al in forsterite investigated using diffusion experiments under controlled thermodynamic conditions. <i>Contributions To Mineralogy and Petrology</i> , 2017, 172, 1.	3.1	38
22	Abundances of platinum group elements in native sulfur condensates from the Niuatahi-Motutahi submarine volcano, Tonga rear arc: Implications for PGE mineralization in porphyry deposits. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 174, 236-246.	3.9	22
23	Petrogenesis and Geochemistry of Archean Komatiites. <i>Journal of Petrology</i> , 2016, 57, 147-184.	2.8	96
24	Do mantle plumes preserve the heterogeneous structure of their deep-mantle source?. <i>Earth and Planetary Science Letters</i> , 2016, 434, 10-17.	4.4	36
25	Using Platinum Group Elements to Identify Sulfide Saturation in a Porphyry Cu System: the El Abra Porphyry Cu Deposit, Northern Chile. <i>Journal of Petrology</i> , 2015, 56, 2491-2514.	2.8	45
26	The Role of Late Sulfide Saturation in the Formation of a Cu- and Au-rich Magma: Insights from the Platinum Group Element Geochemistry of Niuatahi-Motutahi Lavas, Tonga Rear Arc. <i>Journal of Petrology</i> , 2015, 56, 59-81.	2.8	99
27	Multiple Sulfur Isotope Analyses Support a Magmatic Model for the Volcanogenic Massive Sulfide Deposits of the Teutonic Bore Volcanic Complex, Yilgarn Craton, Western Australia. <i>Economic Geology</i> , 2015, 110, 1411-1423.	3.8	32
28	Evolution of a $\sim 4.2.7$ Ga large igneous province: A volcanological, geochemical and geochronological study of the Agnew Greenstone Belt, and new regional correlations for the Kalgoorlie Terrane (Yilgarn Craton, Western Australia). <i>Precambrian Research</i> , 2015, 270, 334-368.	2.7	48
29	Lithospheric controls on magma composition along Earth's longest continental hotspot track. <i>Nature</i> , 2015, 525, 511-514.	27.8	125
30	Mantle Plume, <i>Planetary.</i> , 2015, , 1440-1442.		0
31	Detrital zircon U-Pb-He double dating: A method of quantifying long- and short-term exhumation rates in collisional orogens. <i>Science China Earth Sciences</i> , 2014, 57, 2702-2711.	5.2	4
32	THE MINERALOGY OF THE BELLEROPHON-NELSON TELLURIDE-BEARING GOLD DEPOSIT, ST. IVES CAMP, YILGARN CRATON, WESTERN AUSTRALIA. <i>Canadian Mineralogist</i> , 2014, 52, 981-1006.	1.0	6
33	The origin of shoshonites: new insights from the Tertiary high-potassium intrusions of eastern Tibet. <i>Contributions To Mineralogy and Petrology</i> , 2014, 167, 1.	3.1	100
34	Did the formation of $D\hat{a}^3$ cause the Archaean "Proterozoic transition?. <i>Earth and Planetary Science Letters</i> , 2014, 388, 1-8.	4.4	42
35	Hafnium and iron isotopes in early Archean komatiites record a plume-driven convection cycle in the Hadean Earth. <i>Earth and Planetary Science Letters</i> , 2014, 397, 111-120.	4.4	94
36	Mantle Plume, <i>Planetary.</i> , 2014, , 1-2.		0

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37	The largest Au deposits in the St Ives Goldfield (Yilgarn Craton, Western Australia) may be located in a major Neoproterozoic volcano-sedimentary depo-centre. <i>Mineralium Deposita</i> , 2013, 48, 861-881.	4.1	11
38	Chalcophile element geochemistry of the Boggy Plain zoned pluton, southeastern Australia: a S-saturated barren compositionally diverse magmatic system. <i>Contributions To Mineralogy and Petrology</i> , 2013, 165, 217-236.	3.1	25
39	Evolution of the African continental crust as recorded by U-Pb, Lu-Hf and O isotopes in detrital zircons from modern rivers. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 107, 96-120.	3.9	136
40	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
41	Identification and elimination of a matrix-induced systematic error in LA-ICP-MS ²⁰⁶ Pb/ ²³⁸ U dating of zircon. <i>Chemical Geology</i> , 2012, 332-333, 157-165.	3.3	117
42	Enrichment of Rh, Ru, Ir and Os in Cr spinels from oxidized magmas: Evidence from the Ambae volcano, Vanuatu. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 78, 28-50.	3.9	94
43	Platinum group element abundances in the upper continental crust revisited – New constraints from analyses of Chinese loess. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 93, 63-76.	3.9	73
44	Evidence against a chondritic Earth. <i>Nature</i> , 2012, 483, 553-558.	27.8	103
45	Growth rate of the preserved continental crust: II. Constraints from Hf and O isotopes in detrital zircons from Greater Russian Rivers. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 1308-1345.	3.9	74
46	Timing and source constraints on the relationship between mafic and felsic intrusions in the Emeishan large igneous province. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 1374-1395.	3.9	122
47	Solubility of Os and Ir in sulfide melt: Implications for Re/Os fractionation during mantle melting. <i>Earth and Planetary Science Letters</i> , 2011, 311, 339-350.	4.4	76
48	The Tarim picrite-basalt-rhyolite suite, a Permian flood basalt from northwest China with contrasting rhyolites produced by fractional crystallization and anatexis. <i>Contributions To Mineralogy and Petrology</i> , 2010, 160, 407-425.	3.1	237
49	Trace-element modeling of the magmatic evolution of rare-earth-rich carbonatite from the Miaoya deposit, Central China. <i>Lithos</i> , 2010, 118, 145-155.	1.4	92
50	Monsoon control over erosion patterns in the Western Himalaya: possible feed-back into the tectonic evolution. <i>Geological Society Special Publication</i> , 2010, 342, 185-218.	1.3	40
51	Provenance of Eocene river sediments from the central northern Sierra Nevada and implications for paleotopography. <i>Tectonics</i> , 2010, 29, n/a-n/a.	2.8	25
52	The mountains that triggered the Late Neoproterozoic increase in oxygen: The Second Great Oxidation Event. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 4187-4206.	3.9	115
53	Two cycles of voluminous pyroclastic volcanism and sedimentation related to episodic granite emplacement during the late Archean: Eastern Yilgarn Craton, Western Australia. <i>Precambrian Research</i> , 2010, 183, 251-274.	2.7	63
54	Asteroids and andesites. <i>Nature</i> , 2009, 459, E1-E1.	27.8	11

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55	Progressive mixing of meteoritic veneer into the early Earth's deep mantle. <i>Nature</i> , 2009, 460, 620-623.	27.8	153
56	Pre-eruptive uplift in the Emeishan?. <i>Nature Geoscience</i> , 2009, 2, 530-531.	12.9	20
57	Rate of growth of the preserved North American continental crust: Evidence from Hf and O isotopes in Mississippi detrital zircons. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 712-728.	3.9	113
58	Solubility of Pt in sulphide mattes: Implications for the genesis of PGE-rich horizons in layered intrusions. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 5764-5777.	3.9	110
59	Multimillion year thermal history of a porphyry copper deposit: application of U-Pb, ⁴⁰ Ar/ ³⁹ Ar and (U-Th)/He chronometers, Bajo de la Alumbrera copper-gold deposit, Argentina. <i>Mineralium Deposita</i> , 2008, 43, 295-314.	4.1	71
60	Formation of supercontinents linked to increases in atmospheric oxygen. <i>Nature Geoscience</i> , 2008, 1, 554-558.	12.9	323
61	U-Pb zircon age, geochemical and isotopic characteristics of carbonatite and syenite complexes from the Shaxiongdong, China. <i>Lithos</i> , 2008, 105, 118-128.	1.4	57
62	Comparison of the Daluxiang and Maoniuping carbonatitic REE deposits with Bayan Obo REE deposit, China. <i>Lithos</i> , 2008, 106, 12-24.	1.4	83
63	Oxygen solubility and speciation in sulphide-rich mattes. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 2619-2635.	3.9	68
64	The Age of the Potassic Alkaline Igneous Rocks along the Ailao Shan Red River Shear Zone: Implications for the Onset Age of Lateral Shearing: A Reply. <i>Journal of Geology</i> , 2008, 116, 205-207.	1.4	14
65	Holocene erosion of the Lesser Himalaya triggered by intensified summer monsoon. <i>Geology</i> , 2008, 36, 79.	4.4	174
66	New Insights into Crustal Contributions to Large-volume Rhyolite Generation in the Mid-Tertiary Sierra Madre Occidental Province, Mexico, Revealed by U-Pb Geochronology. <i>Journal of Petrology</i> , 2008, 49, 47-77.	2.8	101
67	The Age of the Potassic Alkaline Igneous Rocks along the Ailao Shan Red River Shear Zone: Implications for the Onset Age of Lateral Shearing. <i>Journal of Geology</i> , 2007, 115, 231-242.	1.4	136
68	Platinum Group Element Geochemistry of Andesite Intrusions of the Kelian Region, East Kalimantan, Indonesia: Implications of Gold Depletion in the Intrusions Associated with the Kelian Gold Deposit. <i>Economic Geology</i> , 2007, 102, 95-108.	3.8	15
69	How chalcophile is rhenium? An experimental study of the solubility of Re in sulphide mattes. <i>Earth and Planetary Science Letters</i> , 2007, 260, 537-548.	4.4	84
70	Testing the plume theory. <i>Chemical Geology</i> , 2007, 241, 153-176.	3.3	263
71	The Great Plume Debate: Testing the plume theory. <i>Chemical Geology</i> , 2007, 241, 149-152.	3.3	48
72	Flat rare earth element patterns as an indicator of cumulate processes in the Lesser Qinling carbonatites, China. <i>Lithos</i> , 2007, 95, 267-278.	1.4	68

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73	Thermochronology of mineral grains in the Red and Mekong Rivers, Vietnam: Provenance and exhumation implications for Southeast Asia. <i>Geochemistry, Geophysics, Geosystems</i> , 2006, 7, n/a-n/a.	2.5	80
74	Did the Transgondwanan Supermountain trigger the explosive radiation of animals on Earth?. <i>Earth and Planetary Science Letters</i> , 2006, 250, 116-133.	4.4	286
75	U-Th-Pb detrital zircon geochronology from the southern Prince Charles Mountains, East Antarctica—Defining the Archaean to Neoproterozoic Ruker Province. <i>Precambrian Research</i> , 2006, 148, 292-306.	2.7	82
76	Zircon Ce ⁴⁺ /Ce ³⁺ ratios and ages for Yulong ore-bearing porphyries in eastern Tibet. <i>Mineralium Deposita</i> , 2006, 41, 152-159.	4.1	257
77	U-Pb Zircon Geochronology of Granitic Rocks from the Chuquicamata-El Abra Porphyry Copper Belt of Northern Chile: Excimer Laser Ablation ICP-MS Analysis. <i>Economic Geology</i> , 2006, 101, 1327-1344.	3.8	51
78	Large Igneous Provinces and the Mantle Plume Hypothesis. <i>Elements</i> , 2005, 1, 265-269.	0.5	254
79	Frontiers in large igneous province research. <i>Lithos</i> , 2005, 79, 271-297.	1.4	311
80	Age of the Los Ranchos Formation, Dominican Republic: Timing and tectonic setting of primitive island arc volcanism in the Caribbean region. <i>Bulletin of the Geological Society of America</i> , 2005, 117, 987.	3.3	44
81	Geochronological and geochemical study on the Yulong porphyry copper ore belt in eastern Tibet, China. , 2005, , 1235-1237.		1
82	(U-Th)/(He-Pb) double dating of detrital zircons. <i>Numerische Mathematik</i> , 2005, 305, 259-311.	1.4	148
83	He-Pb double dating of detrital zircons from the Ganges and Indus Rivers: Implication for quantifying sediment recycling and provenance studies. <i>Earth and Planetary Science Letters</i> , 2005, 237, 402-432.	4.4	135
84	Age of the Pueblo Viejo Gold-Silver Deposit and Its Significance to Models for High-Sulfidation Epithermal Mineralization. <i>Economic Geology</i> , 2005, 100, 253-272.	3.8	16
85	ELA-ICP-MS U/Pb zircon geochronology of regional volcanism hosting the Bajo de la Alumbrera Cu?Au deposit: implications for porphyry-related mineralization. <i>Mineralium Deposita</i> , 2004, 39, 46-67.	4.1	89
86	Thermochronology of the modern Indus River bedload: New insight into the controls on the marine stratigraphic record. <i>Tectonics</i> , 2004, 23, n/a-n/a.	2.8	39
87	Improved ²⁰⁶ Pb/ ²³⁸ U microprobe geochronology by the monitoring of a trace-element-related matrix effect; SHRIMP, ID-TIMS, ELA-ICP-MS and oxygen isotope documentation for a series of zircon standards. <i>Chemical Geology</i> , 2004, 205, 115-140.	3.3	1,472
88	Evidence for Multiple Recycling in Neoproterozoic through Pennsylvanian Sedimentary Rocks of the Central Appalachian Basin. <i>Journal of Geology</i> , 2004, 112, 261-276.	1.4	95
89	A New Geochemical Technique for Gold Exploration: Alkali Element Mobility Associated with Gold Mineralization in the West Australian Goldfields. <i>Economic Geology</i> , 2004, 99, 313-324.	3.8	2
90	Constraints on continental growth models from Nb/U ratios in the 3.5 Ga Barberton and other Archaean basalt-komatiite suites. <i>Numerische Mathematik</i> , 2003, 303, 319-351.	1.4	80

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91	Combined single-grain (U-Th)/He and U/Pb dating of detrital zircons from the Navajo Sandstone, Utah. <i>Geology</i> , 2003, 31, 761.	4.4	163
92	Predominance of Grenvillian Magmatism Recorded in Detrital Zircons from Modern Appalachian Rivers. <i>Journal of Geology</i> , 2003, 111, 707-717.	1.4	57
93	Implications of Nb/U, Th/U and Sm/Nd in plume magmas for the relationship between continental and oceanic crust formation and the development of the depleted mantle. <i>Geochimica Et Cosmochimica Acta</i> , 2002, 66, 1651-1661.	3.9	76
94	Relative oxidation states of magmas inferred from Ce(IV)/Ce(III) in zircon: application to porphyry copper deposits of northern Chile. <i>Contributions To Mineralogy and Petrology</i> , 2002, 144, 347-364.	3.1	741
95	Two ages of porphyry intrusion resolved for the super-giant Chuquicamata copper deposit of northern Chile by ELA-ICP-MS and SHRIMP. <i>Geology</i> , 2001, 29, 383.	4.4	202
96	Identification of ancient mantle plumes. , 2001, , .		38
97	SHRIMP baddeleyite age for the Fraser Dyke Swarm, southeast Yilgarn Craton, Western Australia. <i>Australian Journal of Earth Sciences</i> , 2000, 47, 309-313.	1.0	60
98	Preservation of near-solar neon isotopic ratios in Icelandic basalts. <i>Earth and Planetary Science Letters</i> , 2000, 180, 309-324.	4.4	88
99	Rare earth element systematics in scheelite from hydrothermal gold deposits in the Kalgoorlie-Norseman region, Western Australia. <i>Economic Geology</i> , 1999, 94, 423-437.	3.8	172
100	Ion microprobe U-Pb ages for Neoproterozoic basaltic magmatism in south-central Australia and implications for the breakup of Rodinia. <i>Precambrian Research</i> , 1998, 87, 135-159.	2.7	347
101	Review of the application of isotopic studies to the genesis of Cu-Au mineralisation at Olympic Dam and Au mineralisation at Porgera, the Tennant Creek district and Yilgarn Craton. <i>Australian Journal of Earth Sciences</i> , 1998, 45, 201-218.	1.0	34
102	Geochronology of supracrustal rocks from the Golden Grove area, Murchison Province, Yilgarn Craton, Western Australia. <i>Australian Journal of Earth Sciences</i> , 1998, 45, 571-577.	1.0	36
103	Genesis of flood basalts from eclogite-bearing mantle plumes. <i>Journal of Geophysical Research</i> , 1997, 102, 20179-20197.	3.3	152
104	Niobium/Uranium Evidence for Early Formation of the Continental Crust. <i>Science</i> , 1997, 275, 521-523.	12.6	105
105	Geochronological constraints on the age of komatiites and nickel mineralisation in the Lake Johnston greenstone belt, Yilgarn Craton, Western Australia. <i>Australian Journal of Earth Sciences</i> , 1996, 43, 381-385.	1.0	33
106	Chronology of the Mount Magnet granite-greenstone terrain, Yilgarn Craton, Western Australia: implications for field based predictions of the relative timing of granitoid emplacement. <i>Precambrian Research</i> , 1996, 78, 237-260.	2.7	33
107	Constraints on the age of granitoid emplacement, metamorphism, gold mineralization, and subsequent cooling of the Archean greenstone terrane at Big Bell, Western Australia. <i>Economic Geology</i> , 1996, 91, 896-915.	3.8	33
108	A Strontium Isotopic Investigation of the Bjerkreim-Sokndal Layered Intrusion, Southwest Norway. <i>Journal of Petrology</i> , 1996, 37, 171-193.	2.8	23

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109	Sm-Nd systematics of hydrothermal scheelite from the Mount Charlotte Mine, Kalgoorlie, Western Australia; an isotopic link between gold mineralization and komatiites. <i>Economic Geology</i> , 1995, 90, 2329-2335.	3.8	37
110	The evolution of the mantle's chemical structure. <i>Lithos</i> , 1993, 30, 389-399.	1.4	74
111	New constraints on the ^{138}La β -decay constant based on a geochronological study of granites from the Yilgarn Block, Western Australia. <i>Chemical Geology</i> , 1993, 104, 293-300.	3.3	20
112	Age of granite emplacement in the Norseman region of Western Australia. <i>Australian Journal of Earth Sciences</i> , 1993, 40, 559-574.	1.0	17
113	Petrology of the G and H Chromitite Zones in the Mountain View Area of the Stillwater Complex, Montana. <i>Journal of Petrology</i> , 1993, 34, 291-316.	2.8	79
114	Geochemical and fluid dynamic modeling of compositional variations in Archean komatiite-hosted nickel sulfide ores in Western Australia. <i>Economic Geology</i> , 1993, 88, 804-816.	3.8	125
115	The Changing Nature of Mantle Hotspots through Time: Implications for the Chemical Evolution of the Mantle. <i>Journal of Geology</i> , 1992, 100, 497-523.	1.4	203
116	Mantle Plumes and Continental Tectonics. <i>Science</i> , 1992, 256, 186-193.	12.6	278
117	Synchronism of the Siberian Traps and the Permian-Triassic Boundary. <i>Science</i> , 1992, 258, 1760-1763.	12.6	368
118	Late Archaean granites of the southeastern Yilgarn Block, Western Australia: age, geochemistry, and origin. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 1992, 83, 211-226.	0.3	81
119	The eruption of komatiites and picrites in preference to primitive basalts. <i>Earth and Planetary Science Letters</i> , 1991, 105, 343-352.	4.4	12
120	On the dynamics of long-lived plume conduits in the convecting mantle. <i>Earth and Planetary Science Letters</i> , 1991, 103, 214-227.	4.4	96
121	Interaction of mantle plume heads with the Earth's surface and onset of small-scale convection. <i>Journal of Geophysical Research</i> , 1991, 96, 18295-18310.	3.3	275
122	Turbulent fountains in an open chamber. <i>Journal of Fluid Mechanics</i> , 1990, 212, 557.	3.4	153
123	Chemical geodynamics in the back-arc region of Japan based on the trace element and Sr-Nd isotopic compositions. <i>Tectonophysics</i> , 1990, 174, 207-233.	2.2	82
124	Stirring and structure in mantle starting plumes. <i>Earth and Planetary Science Letters</i> , 1990, 99, 66-78.	4.4	548
125	Implications of mantle plume structure for the evolution of flood basalts. <i>Earth and Planetary Science Letters</i> , 1990, 99, 79-93.	4.4	1,091
126	Fountains in Magma Chambers. <i>Journal of Petrology</i> , 1989, 30, 885-923.	2.8	121

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127	The age and origin of younger granitic plutons of the Shaw Batholith in the Archaean Pilbara Block, Western Australia. <i>Contributions To Mineralogy and Petrology</i> , 1989, 101, 361-376.	3.1	90
128	Melting in an Archaean mantle plume: heads it's basalts, tails it's komatiites. <i>Nature</i> , 1989, 339, 697-699.	27.8	419
129	Age and origin of granitic rocks in the kalgoorlie-norseman region of Western Australia: Implications for the origin of archaean crust. <i>Geochimica Et Cosmochimica Acta</i> , 1989, 53, 1259-1275.	3.9	69
130	Geological Note: A post-metamorphic age for gold mineralization at lady bountiful, Yilgarn Block, Western Australia. <i>Australian Journal of Earth Sciences</i> , 1989, 36, 313-316.	1.0	11
131	Chemical geodynamics in a back arc region around the Sea of Japan: Implications for the genesis of alkaline basalts in Japan, Korea, and China. <i>Journal of Geophysical Research</i> , 1989, 94, 4634-4654.	3.3	128
132	A two-stage model for the formation of the granite-greenstone terrains of the Kalgoorlie-Norseman area, Western Australia. <i>Earth and Planetary Science Letters</i> , 1988, 90, 11-25.	4.4	253
133	Role of late magmatic fluids in Merensky-type platinum deposits: A discussion. <i>Geology</i> , 1988, 16, 488.	4.4	65
134	Laboratory modeling of convection in magma chambers: Crystallization against sloping floors. <i>Journal of Geophysical Research</i> , 1988, 93, 7974-7988.	3.3	13
135	Sm-Nd isotope systematics in uranium rare-earth element mineralization at the Mary Kathleen uranium mine, Queensland. <i>Economic Geology</i> , 1987, 82, 1805-1826.	3.8	47
136	Distribution of Orthocumulate Textures in the Jemberlana Intrusion. <i>Journal of Geology</i> , 1987, 95, 35-53.	1.4	106
137	A Laboratory Investigation of Assimilation at the Top of a Basaltic Magma Chamber. <i>Journal of Geology</i> , 1987, 95, 155-172.	1.4	65
138	A laboratory and theoretical study of the growth of "black smoker" chimneys. <i>Earth and Planetary Science Letters</i> , 1987, 82, 36-48.	4.4	29
139	Temperature, density and buoyancy fluxes in "black smoker" plumes, and the criterion for buoyancy reversal. <i>Earth and Planetary Science Letters</i> , 1987, 86, 85-92.	4.4	76
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