

Stephen M Eggin

List of Publications by Year in descending order

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141
papers

13,108
citations

15504

65
h-index

22832

112
g-index

146
all docs

146
docs citations

146
times ranked

9254
citing authors

#	ARTICLE	IF	CITATIONS
1	Sequential changes in ocean circulation and biological export productivity during the last glacial–interglacial cycle: a model–data study. <i>Climate of the Past</i> , 2021, 17, 171-201.	3.4	2
2	Alkalinity of ocean island lavas decoupled from enriched source components: A case study from the EM1-PREMA Tasmantid mantle plume. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 314, 140-158.	3.9	4
3	Symbiont Photosynthesis and Its Effect on Boron Proxies in Planktic Foraminifera. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2020PA004022.	2.9	5
4	Micro-characterisation of cassiterite by geology, texture and zonation: A case study of the Karagwe Ankole Belt, Rwanda. <i>Ore Geology Reviews</i> , 2020, 124, 103609.	2.7	20
5	Dating the skull from Broken Hill, Zambia, and its position in human evolution. <i>Nature</i> , 2020, 580, 372-375.	27.8	63
6	Constraining multiple controls on planktic foraminifera Mg/Ca. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 273, 116-136.	3.9	21
7	Evaluating the planktic foraminiferal B/Ca proxy for application to deep time paleoceanography. <i>Earth and Planetary Science Letters</i> , 2019, 528, 115824.	4.4	11
8	The [simple carbon project] model v1.0. <i>Geoscientific Model Development</i> , 2019, 12, 1541-1572.	3.6	5
9	Who's been using my burial mound? Radiocarbon dating and isotopic tracing of human diet and mobility at the collective burial site, Le Tumulus des Sables, southwest France. <i>Journal of Archaeological Science: Reports</i> , 2019, 24, 955-966.	0.5	4
10	LAtools: A data analysis package for the reproducible reduction of LA-ICPMS data. <i>Chemical Geology</i> , 2019, 504, 83-95.	3.3	27
11	Mapping of bioavailable strontium isotope ratios in France for archaeological provenance studies. <i>Applied Geochemistry</i> , 2018, 90, 75-86.	3.0	109
12	Analytical Techniques for Probing Small-Scale Layers that Preserve Information on Gas–Solid Interactions. <i>Reviews in Mineralogy and Geochemistry</i> , 2018, 84, 103-175.	4.8	13
13	Unravelling the Consequences of SO ₂ –Basalt Reactions for Geochemical Fractionation and Mineral Formation. <i>Reviews in Mineralogy and Geochemistry</i> , 2018, 84, 257-283.	4.8	18
14	A record of mining and industrial activities in New Caledonia based on trace elements in rhodolith-forming coralline red algae. <i>Chemical Geology</i> , 2018, 493, 24-36.	3.3	5
15	Calcification rate and shell chemistry response of the planktic foraminifer <i>Orbulina universa</i> to changes in microenvironment seawater carbonate chemistry. <i>Earth and Planetary Science Letters</i> , 2017, 464, 124-134.	4.4	33
16	Calcification responses to diurnal variation in seawater carbonate chemistry by the coral <i>Acropora formosa</i> . <i>Coral Reefs</i> , 2017, 36, 763-772.	2.2	23
17	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
18	Oxygen isotope geochemistry of Laurentide ice-sheet meltwater across Termination I. <i>Quaternary Science Reviews</i> , 2017, 178, 102-117.	3.0	33

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19	Planktic foraminifera form their shells via metastable carbonate phases. <i>Nature Communications</i> , 2017, 8, 1265.	12.8	91
20	Uranium uptake history, open-system behaviour and uranium-series ages of fossil <i>Tridacna gigas</i> from Huon Peninsula, Papua New Guinea. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 213, 475-501.	3.9	14
21	Assessment of Mg/Ca in <i>Saccostrea glomerata</i> (the Sydney rock oyster) shell as a potential temperature record. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 484, 79-88.	2.3	30
22	Last interglacial (MIS 5e) sea-level determined from a tectonically stable, far-field location, Eyre Peninsula, southern Australia. <i>Australian Journal of Earth Sciences</i> , 2016, 63, 611-630.	1.0	37
23	Improvement of laser ablation in situ micro-analysis to identify diagenetic alteration and measure strontium isotope ratios in fossil human teeth. <i>Journal of Archaeological Science</i> , 2016, 70, 102-116.	2.4	71
24	Radiocarbon evidence for mid-late Holocene changes in southwest Pacific Ocean circulation. <i>Paleoceanography</i> , 2016, 31, 971-985.	3.0	25
25	Trace element proxies for surface ocean conditions: A synthesis of culture calibrations with planktic foraminifera. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 193, 197-221.	3.9	119
26	Petrogenesis and Geochemistry of Archean Komatiites. <i>Journal of Petrology</i> , 2016, 57, 147-184.	2.8	96
27	Morphology and evolution of drowned carbonate terraces during the last two interglacial cycles, off Hilo, NE Hawaii. <i>Marine Geology</i> , 2016, 371, 57-81.	2.1	8
28	Coral records of reef-water pH across the central Great Barrier Reef, Australia: assessing the influence of river runoff on inshore reefs. <i>Biogeosciences</i> , 2015, 12, 1223-1236.	3.3	26
29	Optimizing LA-ICP-MS analytical procedures for elemental depth profiling of foraminifera shells. <i>Chemical Geology</i> , 2015, 407-408, 2-9.	3.3	46
30	Timing and mechanism for intratest Mg/Ca variability in a living planktic foraminifer. <i>Earth and Planetary Science Letters</i> , 2015, 409, 32-42.	4.4	113
31	An evaluation of the use of reptile dermal scutes as a non-invasive method to monitor mercury concentrations in the environment. <i>Chemosphere</i> , 2015, 119, 163-170.	8.2	35
32	Combined Separation of Cu, Fe and Zn from Rock Matrices and Improved Analytical Protocols for Stable Isotope Determination. <i>Geostandards and Geoanalytical Research</i> , 2015, 39, 129-149.	3.1	183
33	The Paleocene–Eocene Thermal Maximum at DSDP Site 277, Campbell Plateau, southern Pacific Ocean. <i>Climate of the Past</i> , 2015, 11, 1009-1025.	3.4	38
34	Longevity in maternal transmission of isotopic marks in a tropical freshwater rainbowfish and the implications for offspring morphology. <i>Marine and Freshwater Research</i> , 2014, 65, 400.	1.3	5
35	Maternally transmitted isotopes and their effects on larval fish: a validation of dual isotopic marks within a meta-analysis context. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2014, 71, 387-397.	1.4	16
36	Modern Tasman Sea surface reservoir ages from deep-sea black corals. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2014, 99, 207-212.	1.4	14

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37	Assessment and forensic application of laser-induced breakdown spectroscopy (LIBS) for the discrimination of Australian window glass. <i>Forensic Science International</i> , 2014, 241, 46-54.	2.2	47
38	Laser ablation U-series analysis of fossil bones and teeth. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 416, 150-167.	2.3	93
39	Oxygen isotope records of the Australian flat oyster (<i>Ostrea angasi</i>) as a potential temperature archive. <i>Marine Geology</i> , 2014, 357, 195-209.	2.1	11
40	Sea-surface temperature reconstruction from trace elements variations of tropical coralline red algae. <i>Quaternary Science Reviews</i> , 2014, 93, 34-46.	3.0	14
41	Precise determination of Sr/Ca by laser ablation ICP-MS compared to ICP-AES and application to multi-century temperate corals. <i>Geochemical Journal</i> , 2014, 48, 145-152.	1.0	24
42	The IRHUM (Isotopic Reconstruction of Human Migration) database – bioavailable strontium isotope ratios for geochemical fingerprinting in France. <i>Earth System Science Data</i> , 2014, 6, 117-122.	9.9	60
43	Responses of the deep ocean carbonate system to carbon reorganization during the Last Glacial – interglacial cycle. <i>Quaternary Science Reviews</i> , 2013, 76, 39-52.	3.0	76
44	Coupled Hf – Nd – 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
45	The influence of salinity on Mg/Ca in planktic foraminifers – Evidence from cultures, core-top sediments and complementary $\delta^{18}O$. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 121, 196-213.	3.9	122
46	Micron-scale intrashell oxygen isotope variation in cultured planktic foraminifers. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 107, 267-278.	3.9	36
47	Effect of dissolved oxygen concentration on planktonic foraminifera through laboratory culture experiments and implications for oceanic anoxic events. <i>Marine Micropaleontology</i> , 2013, 101, 28-32.	1.2	24
48	Growth and chronology of the rhodolith-forming, coralline red alga <i>Sporolithon durum</i> . <i>Marine Ecology - Progress Series</i> , 2013, 474, 105-119.	1.9	38
49	U-series dating of bone in an open system: The diffusion-adsorption-decay model. <i>Quaternary Geochronology</i> , 2012, 9, 42-53.	1.4	49
50	Environmental controls on B/Ca in calcite tests of the tropical planktic foraminifer species <i>Globigerinoides ruber</i> and <i>Globigerinoides sacculifer</i> . <i>Earth and Planetary Science Letters</i> , 2012, 351-352, 270-280.	4.4	69
51	Systematics of metals, metalloids, and volatiles in MORB melts: Effects of partial melting, crystal fractionation and degassing (a case study of Macquarie Island glasses). <i>Chemical Geology</i> , 2012, 302-303, 76-86.	3.3	45
52	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
53	Confirmation of a late middle Pleistocene age for the Omo Kibish 1 cranium by direct uranium-series dating. <i>Journal of Human Evolution</i> , 2012, 63, 704-710.	2.6	39
54	In situ measurement of hafnium isotopes in rutile by LA – MC-ICPMS: Protocol and applications. <i>Chemical Geology</i> , 2011, 281, 72-82.	3.3	32

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55	Precise and accurate determination of $^{147}\text{Sm}/^{144}\text{Nd}$ and $^{143}\text{Nd}/^{144}\text{Nd}$ in monazite using laser ablation-MC-ICPMS. <i>Chemical Geology</i> , 2011, 282, 45-57.	3.3	47
56	Controls on boron incorporation in cultured tests of the planktic foraminifer <i>Orbulina universa</i> . <i>Earth and Planetary Science Letters</i> , 2011, 309, 291-301.	4.4	81
57	Planktic foraminifers as recorders of seawater Ba/Ca. <i>Marine Micropaleontology</i> , 2011, 79, 52-57.	1.2	87
58	Fine-scale phosphorus distribution in coral skeletons: combining X-ray mapping by electronprobe microanalysis and LA-ICP-MS. <i>Coral Reefs</i> , 2011, 30, 813.	2.2	8
59	Recruitment sources of brown trout identified by otolith trace element signatures. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2011, 45, 395-411.	2.0	22
60	DATING OF THE HOMINID (<i>HOMO NEANDERTHALENSIS</i>) REMAINS ACCUMULATION FROM EL SIDRÁN CAVE (PILOÑA, ASTURIAS, NORTH SPAIN): AN EXAMPLE OF A MULTIMETHODOLOGICAL APPROACH TO THE DATING OF UPPER PLEISTOCENE SITES. <i>Archaeometry</i> , 2010, 52, 680-705.	1.3	17
61	Silicon isotopic fractionation in marine sponges: A new model for understanding silicon isotopic variations in sponges. <i>Earth and Planetary Science Letters</i> , 2010, 292, 281-289.	4.4	79
62	Effects of seafloor and laboratory dissolution on the Mg/Ca composition of <i>Globigerinoides sacculifer</i> and <i>Orbulina universa</i> tests – A laser ablation ICPMS microanalysis perspective. <i>Earth and Planetary Science Letters</i> , 2010, 292, 312-324.	4.4	46
63	Hominid Cave at Thomas Quarry I (Casablanca, Morocco): Recent findings and their context. <i>Quaternary International</i> , 2010, 223-224, 369-382.	1.5	40
64	ESR and U-series analyses of faunal material from Cuddie Springs, NSW, Australia: implications for the timing of the extinction of the Australian megafauna. <i>Quaternary Science Reviews</i> , 2010, 29, 596-610.	3.0	62
65	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
66	($^{210}\text{Pb}/^{226}\text{Ra}$) variations during the 1994–2001 intracaldera volcanism at Rabaul Caldera. <i>Journal of Volcanology and Geothermal Research</i> , 2009, 184, 416-426.	2.1	13
67	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
68	Surface and subsurface seawater temperature reconstruction using Mg/Ca microanalysis of planktonic foraminifera <i>Globigerinoides ruber</i> , <i>Globigerinoides sacculifer</i> , and <i>Pulleniatina obliquiloculata</i> . <i>Paleoceanography</i> , 2009, 24, .	3.0	83
69	Uncertainties in seawater thermometry deriving from intratest and intertest Mg/Ca variability in <i>Globigerinoides ruber</i> . <i>Paleoceanography</i> , 2008, 23, .	3.0	106
70	Interlaboratory comparison study of calibration standards for foraminiferal Mg/Ca thermometry. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	2.5	168
71	Characterization of contaminant phases in foraminifera carbonates by electron microprobe mapping. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	2.5	71
72	Constancy of Nb/U in the mantle revisited. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 3542-3549.	3.9	90

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73	The solubility and oxidation state of tungsten in silicate melts: Implications for the comparative chemistry of W and Mo in planetary differentiation processes. <i>Chemical Geology</i> , 2008, 255, 346-359.	3.3	72
74	Electron spin resonance dating of South Australian megafauna sites. <i>Australian Journal of Earth Sciences</i> , 2008, 55, 917-935.	1.0	26
75	Earliest evidence of modern human life history in North African early <i>Homo sapiens</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 6128-6133.	7.1	326
76	East African soil erosion recorded in a 300 year old coral colony from Kenya. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	108
77	Multiple mantle plume components involved in the petrogenesis of subduction-related lavas from the northern termination of the Tonga Arc and northern Lau Basin: Evidence from the geochemistry of arc and backarc submarine volcanics. <i>Geochemistry, Geophysics, Geosystems</i> , 2007, 8, .	2.5	105
78	A cautionary tale from down under: Dating the BlackCreek Swamp megafauna site on Kangaroo Island, South Australia. <i>Quaternary Geochronology</i> , 2006, 1, 142-150.	1.4	21
79	Late Pleistocene megafauna site at Black Creek Swamp, Flinders Chase National Park, Kangaroo Island, South Australia. <i>Alcheringa</i> , 2006, 30, 367-387.	1.2	7
80	Microchemical evidence for episodic growth of antitaxial veins during fracture-controlled fluid flow. <i>Earth and Planetary Science Letters</i> , 2006, 250, 331-344.	4.4	83
81	Chemical systematics of conodont apatite determined by laser ablation ICPMS. <i>Chemical Geology</i> , 2006, 233, 196-216.	3.3	130
82	Dating of chemical weathering processes by in situ measurement of U-series disequilibria in supergene Fe-oxy/hydroxides using LA-MC-ICPMS. <i>Chemical Geology</i> , 2006, 235, 76-94.	3.3	24
83	Volatile contents of Kermadec Arc "Havre Trough pillow glasses: Fingerprinting slab-derived aqueous fluids in the mantle sources of arc and back-arc lavas. <i>Journal of Volcanology and Geothermal Research</i> , 2006, 152, 51-73.	2.1	52
84	ESR and U-series analyses of enamel and dentine fragments of the Banyoles mandible. <i>Journal of Human Evolution</i> , 2006, 50, 347-358.	2.6	49
85	Intraspecific variation in recent populations of <i>Globigerinoides ruber</i> from the eastern Indian Ocean: evidence from test morphology and geochemistry. <i>Anuario Do Instituto De Geociencias</i> , 2006, 29, 394-394.	0.2	2
86	An integrated model for the temporal evolution of andesites and rhyolites and crustal development in New Zealand's North Island. <i>Journal of Volcanology and Geothermal Research</i> , 2005, 140, 1-24.	2.1	157
87	Newly recognized Pleistocene human teeth from Tabun Cave, Israel. <i>Journal of Human Evolution</i> , 2005, 49, 301-315.	2.6	45
88	U-series and ESR analyses of bones and teeth relating to the human burials from Skhul. <i>Journal of Human Evolution</i> , 2005, 49, 316-334.	2.6	282
89	U-series dating of the Late Pleistocene mammalian fauna from Wood Quarry (Steetley), Nottinghamshire, UK. <i>Journal of Quaternary Science</i> , 2005, 20, 59-65.	2.1	25
90	Microchemistry and microstructures of hydrothermally altered shock-metamorphosed basement gneiss, Woodleigh impact structure, Southern Carnarvon Basin, Western Australia. <i>Australian Journal of Earth Sciences</i> , 2005, 52, 555-573.	1.0	20

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91	Accurate in situ ^{238}U - ^{234}U - ^{232}Th - ^{230}Th analysis of silicate glasses and iron oxides by laser-ablation MC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2005, 20, 1240.	3.0	31
92	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
93	In situ U-series dating by laser-ablation multi-collector ICPMS: new prospects for Quaternary geochronology. <i>Quaternary Science Reviews</i> , 2005, 24, 2523-2538.	3.0	257
94	Identification and removal of Mn-Mg-rich contaminant phases on foraminiferal tests: Implications for Mg/Ca past temperature reconstructions. <i>Geochemistry, Geophysics, Geosystems</i> , 2005, 6, n/a-n/a.	2.5	143
95	Characterization of Mg/Ca distributions in planktonic foraminifera species by electron microprobe mapping. <i>Geochemistry, Geophysics, Geosystems</i> , 2005, 6, n/a-n/a.	2.5	151
96	Zircon Hf-isotope analysis with an excimer laser, depth profiling, ablation of complex geometries, and concomitant age estimation. <i>Chemical Geology</i> , 2004, 209, 121-135.	3.3	813
97	Modulation and daily banding of Mg/Ca in tests by symbiont photosynthesis and respiration: a complication for seawater thermometry?. <i>Earth and Planetary Science Letters</i> , 2004, 225, 411-419.	4.4	197
98	Crustal origin for coupled 'ultra-depleted' and 'plagioclase' signatures in MORB olivine-hosted melt inclusions: evidence from the Siqueiros Transform Fault, East Pacific Rise. <i>Contributions To Mineralogy and Petrology</i> , 2003, 144, 619-637.	3.1	86
99	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
100	Peridotite xenoliths from Grenada, Lesser Antilles Island Arc. <i>Contributions To Mineralogy and Petrology</i> , 2003, 146, 241-262.	3.1	112
101	On the age of Border Cave 5 human mandible. <i>Journal of Human Evolution</i> , 2003, 45, 155-167.	2.6	94
102	Enhanced mantle-to-crust rhenium transfer in undegassed arc magmas. <i>Nature</i> , 2003, 422, 294-297.	27.8	131
103	Laser Ablation ICP-MS Analysis of Geological Materials Prepared as Lithium Borate Glasses. <i>Geostandards and Geoanalytical Research</i> , 2003, 27, 147-162.	3.1	156
104	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
105	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
106	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
107	Mg/Ca variation in planktonic foraminifera tests: implications for reconstructing palaeo-seawater temperature and habitat migration. <i>Earth and Planetary Science Letters</i> , 2003, 212, 291-306.	4.4	264
108	^{238}U , ^{232}Th profiling and U-series isotope analysis of fossil teeth by laser ablation-ICPMS. <i>Quaternary Science Reviews</i> , 2003, 22, 1373-1382.	3.0	114

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109	Lithospheric Mantle Evolution beneath the Eifel (Germany): Constraints from Sr-Nd-Pb Isotopes and Trace Element Abundances in Spinel Peridotite and Pyroxenite Xenoliths. <i>Journal of Petrology</i> , 2003, 44, 1077-1095.	2.8	96
110	Ostracodes and Their Shell Chemistry: Implications for Paleohydrologic and Paleoclimatologic Applications. <i>The Paleontological Society Papers</i> , 2003, 9, 119-152.	0.6	33
111	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
112	The effect of melt composition on trace element partitioning: an experimental investigation of the activity coefficients of FeO, NiO, CoO, MoO ₂ and MoO ₃ in silicate melts. <i>Chemical Geology</i> , 2002, 186, 151-181.	3.3	271
113	Compositional Heterogeneity in NIST SRM 610-617 Glasses. <i>Geostandards and Geoanalytical Research</i> , 2002, 26, 269-286.	3.1	162
114	Microbeam characterization of corning archeological reference glasses: New additions to the Smithsonian Microbeam Standard collection. <i>Journal of Research of the National Institute of Standards and Technology</i> , 2002, 107, 719.	1.2	116
115	Hafnium isotope evidence for "conservative" element mobility during subduction zone processes. <i>Earth and Planetary Science Letters</i> , 2001, 192, 331-346.	4.4	643
116	Primary magmas and mantle temperatures. <i>European Journal of Mineralogy</i> , 2001, 13, 437-451.	1.3	144
117	Zr budgets for metamorphic reactions, and the formation of zircon from garnet breakdown. <i>Mineralogical Magazine</i> , 2001, 65, 749-758.	1.4	154
118	H ₂ O Abundance in Depleted to Moderately Enriched Mid-ocean Ridge Magmas; Part I: Incompatible Behaviour, Implications for Mantle Storage, and Origin of Regional Variations. <i>Journal of Petrology</i> , 2000, 41, 1329-1364.	2.8	167
119	Using melt inclusions to determine parent-magma compositions of layered intrusions: Application to the Greenhills Complex (New Zealand), a platinum group minerals-bearing, island-arc intrusion. <i>Geology</i> , 2000, 28, 991.	4.4	37
120	Enriched End-member of Primitive MORB Melts: Petrology and Geochemistry of Glasses from Macquarie Island (SW Pacific). <i>Journal of Petrology</i> , 2000, 41, 411-430.	2.8	95
121	Using melt inclusions to determine parent-magma compositions of layered intrusions: Application to the Greenhills Complex (New Zealand), a platinum group minerals-bearing, island-arc intrusion. <i>Geology</i> , 2000, 28, 991-994.	4.4	1
122	Volatile exsolution at the Dinkidi Cu-Au porphyry deposit, Philippines: A melt-inclusion record of the initial ore-forming process. <i>Geology</i> , 1999, 27, 691.	4.4	65
123	Two mantle domains and the time scales of fluid transfer beneath the Vanuatu arc. <i>Geology</i> , 1999, 27, 963.	4.4	49
124	Laser ablation-inductively coupled plasma-mass spectrometry and tephras: A new approach to understanding arc-magma genesis. <i>Geology</i> , 1999, 27, 1119.	4.4	43
125	The composition of peridotites and their minerals: a laser-ablation ICP-MS study. <i>Earth and Planetary Science Letters</i> , 1998, 154, 53-71.	4.4	379
126	Calcic melt inclusions in primitive olivine at 43°N MAR: evidence for melt-rock reaction/melting involving clinopyroxene-rich lithologies during MORB generation. <i>Earth and Planetary Science Letters</i> , 1998, 160, 115-132.	4.4	113

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127	Late Miocene marine tephra beds: Recorders of rhyolitic volcanism in North Island, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 1998, 41, 165-178.	1.8	28
128	Geochemistry and significance of basaltic rocks dredged from the South Tasman Rise and adjacent seamounts. <i>Australian Journal of Earth Sciences</i> , 1997, 44, 621-632.	1.0	16
129	Zirconium abundance in granulite-facies minerals, with implications for zircon geochronology in high-grade rocks. <i>Geology</i> , 1997, 25, 607.	4.4	276
130	A simple method for the precise determination of ≈ 40 trace elements in geological samples by ICPMS using enriched isotope internal standardisation. <i>Chemical Geology</i> , 1997, 134, 311-326.	3.3	760
131	Phenocryst and melt inclusion chemistry of near-axis seamounts, Valu Fa Ridge, Lau Basin: insight into mantle wedge melting and the addition of subduction components. <i>Earth and Planetary Science Letters</i> , 1997, 151, 205-223.	4.4	122
132	Analysis of Re, Au, Pd, Pt and Rh in NIST Glass Certified Reference Materials and Natural Basalt Glasses by Laser Ablation ICP-MS. <i>Geostandards and Geoanalytical Research</i> , 1997, 21, 215-229.	3.1	81
133	Westward migration of Pacific Ocean upper mantle into the Southern Ocean region between Australia and Antarctica. <i>Geology</i> , 1995, 23, 511.	4.4	17
134	Origin and differentiation of picritic arc magmas, Ambae (Aoba), Vanuatu. <i>Contributions To Mineralogy and Petrology</i> , 1993, 114, 79-100.	3.1	183
135	High field strength and transition element systematics in island arc and back-arc basin basalts: Evidence for multi-phase melt extraction and a depleted mantle wedge. <i>Earth and Planetary Science Letters</i> , 1993, 114, 491-504.	4.4	565
136	Petrogenesis of Hawaiian tholeiites: 1, phase equilibria constraints. <i>Contributions To Mineralogy and Petrology</i> , 1992, 110, 387-397.	3.1	93
137	Petrogenesis of Hawaiian tholeiites: 2, aspects of dynamic melt segregation. <i>Contributions To Mineralogy and Petrology</i> , 1992, 110, 398-410.	3.1	62
138	Primitive island arc and oceanic lavas from the hunter ridge-hunter fracture zone. Evidence from glass, olivine and spinel compositions. <i>Mineralogy and Petrology</i> , 1992, 47, 149-169.	1.1	42
139	The Tasmantid Seamounts: shallow melting and contamination of an EM1 mantle plume. <i>Earth and Planetary Science Letters</i> , 1991, 107, 448-462.	4.4	23
140	The origin of island arc high-alumina basalts. <i>Contributions To Mineralogy and Petrology</i> , 1987, 97, 417-430.	3.1	235
141	Evolution of mantle-derived, augite-hypersthene granodiorites by crystal-liquid fractionation: Barrington Tops Batholith, eastern Australia. <i>Lithos</i> , 1987, 20, 295-310.	1.4	29