

Iain Mcdonald

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Thioredoxin Reductase-2 Is Essential for Keeping Low Levels of H ₂ O ₂ Emission from Isolated Heart Mitochondria. <i>Journal of Biological Chemistry</i> , 2011, 286, 33669-33677.	3.4	166
2	Tectonic discrimination of peridotites using fO ₂ and Ga/Ti systematics in chrome spinel. <i>Chemical Geology</i> , 2009, 261, 199-216.	3.3	137
3	A Review of the Behaviour of Platinum Group Elements within Natural Magmatic Sulfide Ore Systems. <i>Platinum Metals Review</i> , 2010, 54, 26-36.	1.2	130
4	Distribution of platinum-group elements in the Platreef at Overysel, northern Bushveld Complex: a combined PGM and LA-ICP-MS study. <i>Contributions To Mineralogy and Petrology</i> , 2007, 154, 171-190.	3.1	118
5	A metasomatized lithospheric mantle control on the metallogenic signature of post-subduction magmatism. <i>Nature Communications</i> , 2019, 10, 3511.	12.8	108
6	COPPER MINERALIZATION PREVENTED BY ARC-ROOT DELAMINATION DURING ALPINE-HIMALAYAN COLLISION IN CENTRAL IRAN. <i>Economic Geology</i> , 2010, 105, 855-865.	3.8	106
7	A large impact crater beneath Hiawatha Glacier in northwest Greenland. <i>Science Advances</i> , 2018, 4, eaar8173.	10.3	97
8	Platinum-group elements in the Morokweng impact structure, South Africa: Evidence for the impact of a large ordinary chondrite projectile at the Jurassic-Cretaceous boundary. <i>Geochimica Et Cosmochimica Acta</i> , 2001, 65, 299-309.	3.9	96
9	Low temperature alteration of magmatic Ni-Cu-PGE sulfides as a source for hydrothermal Ni and PGE ores: A quantitative approach using automated mineralogy. <i>Ore Geology Reviews</i> , 2017, 91, 718-740.	2.7	88
10	High magmatic flux during Alpine-Himalayan collision: Constraints from the Kal-e-Kafi complex, central Iran. <i>Bulletin of the Geological Society of America</i> , 2009, 121, 857-868.	3.3	85
11	Discovery of a 25-cm asteroid clast in the giant Morokweng impact crater, South Africa. <i>Nature</i> , 2006, 441, 203-206.	27.8	84
12	Geochemistry and mineralogy of the Platreef and "Critical Zone" of the northern lobe of the Bushveld Complex, South Africa: implications for Bushveld stratigraphy and the development of PGE mineralisation. <i>Mineralium Deposita</i> , 2005, 40, 526-549.	4.1	77
13	Laser ablation ICP-MS study of platinum-group elements in sulphides from the Platreef at Turfspruit, northern limb of the Bushveld Complex, South Africa. <i>Mineralium Deposita</i> , 2008, 43, 695-711.	4.1	77
14	Geochronology, geochemistry and petrogenesis of rhyodacite lavas in eastern Jamaica: A new adakite subgroup analogous to early Archaean continental crust?. <i>Chemical Geology</i> , 2010, 276, 344-359.	3.3	74
15	Geochemical and mineralogical investigation of the Permian-Triassic boundary in the continental realm of the southern Karoo Basin, South Africa. <i>Palaeoworld</i> , 2007, 16, 67-104.	1.1	72
16	Distribution of platinum-group elements in magmatic and altered ores in the Jinchuan intrusion, China: an example of selenium remobilization by postmagmatic fluids. <i>Mineralium Deposita</i> , 2013, 48, 767-786.	4.1	71
17	Sulfur Isotope Variations within the Platreef Ni-Cu-PGE Deposit: Genetic Implications for the Origin of Sulfide Mineralization. <i>Economic Geology</i> , 2007, 102, 1091-1110.	3.8	69
18	Geochemistry of Impactites. <i>Elements</i> , 2012, 8, 37-42.	0.5	65

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19	Platinum-group mineral assemblages in the Platreef at the Sandsloot Mine, northern Bushveld Complex, South Africa. <i>Mineralogical Magazine</i> , 2006, 70, 83-101.	1.4	60
20	Petrology, geochemistry and the mechanisms determining the distribution of platinum-group element and base metal sulphide mineralisation in the Platreef at Overysel, northern Bushveld Complex, South Africa. <i>Mineralium Deposita</i> , 2006, 41, 575-598.	4.1	56
21	Preferential Fractionation of Trace Metals—Metalloids into PM10 Resuspended from Contaminated Gold Mine Tailings at Rodalquilar, Spain. <i>Water, Air, and Soil Pollution</i> , 2007, 179, 93-105.	2.4	55
22	Precious metal enrichment in the Platreef, Bushveld Complex, South Africa: evidence from homogenized magmatic sulfide melt inclusions. <i>Contributions To Mineralogy and Petrology</i> , 2011, 161, 1011-1026.	3.1	55
23	Petrogenesis of the Lower Zone Olivine-Rich Cumulates Beneath the Platreef and Their Correlation with Recognized Occurrences in the Bushveld Complex. <i>Economic Geology</i> , 2013, 108, 1923-1952.	3.8	55
24	Technology, production and chronology of red window glass in the medieval period — rediscovery of a lost technology. <i>Journal of Archaeological Science</i> , 2014, 41, 89-105.	2.4	55
25	Geochemistry of 2.63–2.49Ga impact spherule layers and implications for stratigraphic correlations and impact processes. <i>Precambrian Research</i> , 2009, 175, 51-76.	2.7	54
26	Geochemistry and petrology of Witwatersrand and Dwyka diamictites from South Africa: search for an extraterrestrial component. <i>Geochimica Et Cosmochimica Acta</i> , 2001, 65, 2007-2016.	3.9	53
27	A baseline survey of the distribution and origin of platinum group elements in contemporary fluvial sediments of the Kentish Stour, England. <i>Applied Geochemistry</i> , 2002, 17, 1115-1121.	3.0	53
28	Do Cenozoic analogues support a plate tectonic origin for Earth's earliest continental crust?. <i>Geology</i> , 2010, 38, 495-498.	4.4	53
29	REE patterns of microbial carbonate and cements from Sinemurian (Lower Jurassic) siliceous sponge mounds (Djebel Bou Dahar, High Atlas, Morocco). <i>Chemical Geology</i> , 2015, 400, 65-86.	3.3	53
30	The application of S isotopes and S/Se ratios in determining ore-forming processes of magmatic Ni—Cu—PGE sulfide deposits: A cautionary case study from the northern Bushveld Complex. <i>Ore Geology Reviews</i> , 2016, 73, 148-174.	2.7	53
31	The geochemistry of the platinum-group elements in Brazilian and southern African kimberlites. <i>Geochimica Et Cosmochimica Acta</i> , 1995, 59, 2883-2903.	3.9	52
32	Searching for giant, ancient impact structures on Earth: The Mesoarchaean Maniitsoq structure, West Greenland. <i>Earth and Planetary Science Letters</i> , 2012, 337-338, 197-210.	4.4	51
33	Precious and base metal geochemistry and mineralogy of the Grasvally Norite—Pyroxenite—Anorthosite (GNPA) member, northern Bushveld Complex, South Africa: implications for a multistage emplacement. <i>Mineralium Deposita</i> , 2014, 49, 667-692.	4.1	51
34	Size fractionation in mercury-bearing airborne particles (HgPM10) at Almad�n, Spain: Implications for inhalation hazards around old mines. <i>Atmospheric Environment</i> , 2005, 39, 6409-6419.	4.1	47
35	Enriched lithospheric mantle keel below the Scottish margin of the North Atlantic Craton: Evidence from the Palaeoproterozoic Scourie Dyke Swarm and mantle xenoliths. <i>Precambrian Research</i> , 2014, 250, 97-126.	2.7	45
36	Supra-subduction zone tectonic setting of the Muslim Bagh Ophiolite, northwestern Pakistan: Insights from geochemistry and petrology. <i>Lithos</i> , 2014, 202-203, 190-206.	1.4	42

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37	Did lower zone magma conduits store PGE-rich sulphides that were later supplied to the Platreef?. South African Journal of Geology, 2007, 110, 611-616.	1.2	41
38	Heterogeneous enriched mantle materials and dupal-type magmatism along the SW margin of the São Francisco craton, Brazil. Journal of Geodynamics, 1995, 20, 469-491.	1.6	40
39	Highly refractory Archaean peridotite cumulates: Petrology and geochemistry of the Seqi Ultramafic Complex, SW Greenland. Geoscience Frontiers, 2018, 9, 689-714.	8.4	40
40	Determination of the platinum-group elements in South African kimberlites by nickel sulphide fire-assay and neutron activation analysis. Analytica Chimica Acta, 1994, 289, 237-247.	5.4	39
41	Siderophile-rich inclusions from the Morokweng impact melt sheet, South Africa: possible fragments of a chondritic meteorite. Earth and Planetary Science Letters, 2002, 198, 49-62.	4.4	39
42	Alteration of platinum-group minerals and dispersion of platinum-group elements during progressive weathering of the Aguablanca Ni-Cu deposit, SW Spain. Mineralium Deposita, 2010, 45, 331-350.	4.1	39
43	Clearwater East impact structure: A re-interpretation of the projectile type using new platinum-group element data from meteorites. Meteoritics and Planetary Science, 2002, 37, 459-464.	1.6	38
44	Extreme enrichment of Se, Te, PGE and Au in Cu sulfide microdroplets: evidence from LA-ICP-MS analysis of sulfides in the Skaergaard Intrusion, east Greenland. Contributions To Mineralogy and Petrology, 2015, 170, 1.	3.1	38
45	Platinum-group minerals in the Skouries Cu-Au (Pd, Pt, Te) porphyry deposit. Ore Geology Reviews, 2018, 99, 344-364.	2.7	36
46	Trace element systematics and ore-forming processes in mafic VMS deposits: Evidence from the Troodos ophiolite, Cyprus. Ore Geology Reviews, 2019, 106, 205-225.	2.7	35
47	Ni-rich spinels and platinum group element nuggets condensed from a Late Archaean impact vapour cloud. Earth and Planetary Science Letters, 2013, 376, 87-98.	4.4	34
48	The Need for a Common Framework for Collection and Interpretation of Data in Platinum-Group Element Geochemistry. Geostandards and Geoanalytical Research, 1998, 22, 85-91.	3.1	31
49	The Early Proterozoic Matachewan Large Igneous Province: Geochemistry, Petrogenesis, and Implications for Earth Evolution. Journal of Petrology, 2015, 56, 1459-1494.	2.8	31
50	Search for petrographic and geochemical evidence for the late heavy bombardment on earth in early archean rocks from Isua, Greenland. , 2000, , 73-97.		30
51	⁴⁰ Ar/ ³⁹ Ar thermochronology of the fossil LL6-chondrite from the Morokweng crater, South Africa. Geochimica Et Cosmochimica Acta, 2010, 74, 1734-1747.	3.9	30
52	KOMATIITE WITS-1, LOW CONCENTRATION NOBLE METAL STANDARD FOR THE ANALYSIS OF NON-MINERALIZED SAMPLES. Geostandards and Geoanalytical Research, 1996, 20, 267-276.	3.1	29
53	Effects of magmatic volatile influx in mafic VMS hydrothermal systems: Evidence from the Troodos ophiolite, Cyprus. Chemical Geology, 2020, 531, 119325.	3.3	29
54	An introduction to mineralisation in the northern limb of the Bushveld Complex. Transactions of the Institution of Mining and Metallurgy Section B-Applied Earth Science, 2005, 114, 194-198.	0.8	27

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55	Woodleigh impact structure, Australia: Shock petrography and geochemical studies. <i>Meteoritics and Planetary Science</i> , 2003, 38, 1109-1130.	1.6	26
56	Generation, mobilization and crystallization of impact-induced alkali-rich melts in granitic target rocks: Evidence from the Araguainha impact structure, central Brazil. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 7183-7201.	3.9	26
57	FACIES VARIATION IN PGE MINERALIZATION IN THE CENTRAL PLATREEF OF THE BUSHVELD COMPLEX, SOUTH AFRICA. <i>Canadian Mineralogist</i> , 2011, 49, 1349-1384.	1.0	25
58	The Mg/Ca temperature relationship in brachiopod shells: Calibrating a potential palaeoseasonality proxy. <i>Chemical Geology</i> , 2015, 397, 106-117.	3.3	25
59	Magmatic Cu-Ni-PGE-Au sulfide mineralisation in alkaline igneous systems: An example from the Sron Garbh intrusion, Tyndrum, Scotland. <i>Ore Geology Reviews</i> , 2017, 80, 961-984.	2.7	25
60	Platinum-group element signatures in the North Atlantic Igneous Province: Implications for mantle controls on metal budgets during continental breakup. <i>Lithos</i> , 2015, 233, 89-110.	1.4	24
61	Cu-Ni-PGE mineralisation at the Aurora Project and potential for a new PGE province in the Northern Bushveld Main Zone. <i>Ore Geology Reviews</i> , 2017, 80, 1135-1159.	2.7	24
62	Rhenium Enrichment in the Muratdere Cu-Mo (Au-Re) Porphyry Deposit, Turkey: Evidence from Stable Isotope Analyses ($\delta^{34}\text{S}$, $\delta^{18}\text{O}$, δD) and Laser Ablation-Inductively Coupled Plasma-Mass Spectrometry Analysis of Sulfides. <i>Economic Geology</i> , 2019, 114, 1443-1466.	3.8	24
63	Mantle Dynamics of the Central Atlantic Magmatic Province (CAMP): Constraints from Platinum Group, Gold and Lithophile Elements in Flood Basalts of Morocco. <i>Journal of Petrology</i> , 2019, 60, 1621-1652.	2.8	23
64	Mobilisation of deep crustal sulfide melts as a first order control on upper lithospheric metallogeny. <i>Nature Communications</i> , 2022, 13, 573.	12.8	23
65	The Distribution of PGE and the Role of Arsenic as a Collector of PGE in the Spotted Quoll Nickel Ore Deposit in the Forrestania Greenstone Belt, Western Australia. <i>Economic Geology</i> , 2013, 108, 1903-1921.	3.8	22
66	Mineralogical and fluid characteristics of the fluorite-rich Monakoff and E1 Cu-Au deposits, Cloncurry region, Queensland, Australia: Implications for regional Ba-rich IOCG mineralisation. <i>Ore Geology Reviews</i> , 2015, 64, 103-127.	2.7	22
67	Critical Controls on the Formation of Contact-Style PGE-Ni-Cu Mineralization: Evidence from the Paleoproterozoic Monchegorsk Complex, Kola Region, Russia. <i>Economic Geology</i> , 2018, 113, 911-935.	3.8	22
68	The composition of mantle plumes and the deep Earth. <i>Earth and Planetary Science Letters</i> , 2016, 444, 13-25.	4.4	21
69	Potential Cretaceous-Paleogene boundary tsunami deposit in the intra-Tethyan Adriatic carbonate platform section of Hvar (Croatia). <i>Bulletin of the Geological Society of America</i> , 2015, 127, 1666-1680.	3.3	20
70	Bosumtwi impact structure, Ghana: Geochemistry of impactites and target rocks, and search for a meteoritic component. <i>Meteoritics and Planetary Science</i> , 2005, 40, 1493-1511.	1.6	19
71	Geochemical Variations Within Podiform Chromitite Deposits in the Shetland Ophiolite: Implications for Petrogenesis and PGE Concentration. <i>Economic Geology</i> , 2015, 110, 187-208.	3.8	19
72	Cobalt and precious metals in sulphides of peridotite xenoliths and inferences concerning their distribution according to geodynamic environment: A case study from the Scottish lithospheric mantle. <i>Lithos</i> , 2016, 240-243, 202-227.	1.4	19

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73	Sedimentary mechanisms of a modern banded iron formation on Milos Island, Greece. <i>Solid Earth</i> , 2018, 9, 573-598.	2.8	18
74	Paradoxical co-existing base metal sulphides in the mantle: The multi-event record preserved in Loch Roag peridotite xenoliths, North Atlantic Craton. <i>Lithos</i> , 2017, 276, 103-121.	1.4	17
75	Re-evaluating ambiguous age relationships in Archean cratons: Implications for the origin of ultramafic-mafic complexes in the Lewisian Gneiss Complex. <i>Precambrian Research</i> , 2018, 311, 136-156.	2.7	17
76	Geology of the Northern Bushveld Complex and the Setting and Genesis of the Platreef Ni-Cu-PGE Deposit. , 2011, , .		17
77	Assessing the Validity of Negative High Field Strength-Element Anomalies as a Proxy for Archean Subduction: Evidence from the Ben Strome Complex, NW Scotland. <i>Geosciences (Switzerland)</i> , 2018, 8, 338.	2.2	16
78	Trace-element abundances in the shallow lithospheric mantle of the North Atlantic Craton margin: Implications for melting and metasomatism beneath Northern Scotland. <i>Mineralogical Magazine</i> , 2015, 79, 877-907.	1.4	15
79	Homogenisation of sulphide inclusions within diamonds: A new approach to diamond inclusion geochemistry. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 216, 335-357.	3.9	15
80	Origin of Reef-Style PGE Mineralization in the Paleoproterozoic Monchegorsk Complex, Kola Region, Russia. <i>Economic Geology</i> , 2018, 113, 1333-1358.	3.8	15
81	Search for a meteoritic component in drill cores from the Bosumtwi impact structure, Ghana: Platinum group element contents and osmium isotopic characteristics. <i>Meteoritics and Planetary Science</i> , 2007, 42, 743-753.	1.6	14
82	Extreme enrichment of selenium in the Apliki Cyprus-type VMS deposit, Troodos, Cyprus. <i>Mineralogical Magazine</i> , 2018, 82, 697-724.	1.4	14
83	The mineralogy and mineral associations of platinum-group elements and precious metals in the Aurora Cu-Ni-Au-PGE deposit, Northern Limb, Bushveld Complex. <i>Ore Geology Reviews</i> , 2019, 106, 403-422.	2.7	14
84	Maximal extent of translocation of single-walled carbon nanotubes from lung airways of the rat. <i>Environmental Toxicology and Pharmacology</i> , 2013, 35, 461-464.	4.0	13
85	Impact spherules from Karelia, Russia: Possible ejecta from the 2.02 Ga Vredefort impact event. <i>Geology</i> , 2014, 42, 375-378.	4.4	13
86	Sulphide Sinking in Magma Conduits: Evidence from Maficâ€“Ultramafic Plugs on Rum and the Wider North Atlantic Igneous Province. <i>Journal of Petrology</i> , 2016, 57, 383-416.	2.8	13
87	An evaluation of element mobility in the Modderfontein ultramafic complex, Johannesburg: Origin as an Archean ophiolite fragment or greenstone belt remnant?. <i>Lithos</i> , 2019, 332-333, 99-119.	1.4	13
88	Platinum-group elements link the end-Triassic mass extinction and the Central Atlantic Magmatic Province. <i>Scientific Reports</i> , 2020, 10, 3482.	3.3	13
89	A machine learning approach for regional geochemical data: Platinum-group element geochemistry vs geodynamic settings of the North Atlantic Igneous Province. <i>Geoscience Frontiers</i> , 2021, 12, 101098.	8.4	13
90	Use of $^{13}\text{-}^{13}$ Coincidence Spectrometry in the Geochemical Study of Diamictites from South Africa. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2000, 244, 603-607.	1.5	12

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91	The geochemistry and petrogenesis of the Paleoproterozoic du Chef dyke swarm, QuÃ©bec, Canada. <i>Precambrian Research</i> , 2014, 250, 151-166.	2.7	12
92	A missing link between ancient and active mafic-hosted seafloor hydrothermal systems â€” Magmatic volatile influx in the exceptionally preserved Mala VMS deposit, Troodos, Cyprus. <i>Chemical Geology</i> , 2021, 567, 120127.	3.3	12
93	Geochemistry and PGE of the lower mineralized Zone of the Waterberg Project, South Africa. <i>Ore Geology Reviews</i> , 2018, 92, 161-185.	2.7	11
94	Petrography and geochemistry of ejecta from the Sudbury impact event. <i>Meteoritics and Planetary Science</i> , 2014, 49, 1749-1768.	1.6	10
95	Ore deposits in an evolving Earth: an introduction. <i>Geological Society Special Publication</i> , 2015, 393, 1-8.	1.3	10
96	Contrasting mechanisms for crustal sulphur contamination of mafic magma: evidence from dyke and sill complexes from the British Palaeogene Igneous Province. <i>Journal of the Geological Society</i> , 2015, 172, 443-458.	2.1	10
97	Platinum-group minerals in the Limoeiro Niâ€”Cuâ€”(PGE) sulfide deposit, Brazil: the effect of magmatic and upper amphibolite to granulite metamorphic processes on PGM formation. <i>Mineralium Deposita</i> , 2015, 50, 1007-1029.	4.1	10
98	Petrogenesis and geodynamic evolution of the Kajan Neogene subvolcanic rocks, Nain, Central Iran. <i>Chemie Der Erde</i> , 2016, 76, 567-578.	2.0	10
99	A record of assimilation preserved by exotic minerals in the lowermost platinum-group element deposit of the Bushveld Complex: The Volspruit Sulphide Zone. <i>Lithos</i> , 2019, 324-325, 584-608.	1.4	10
100	Reply on â€œSearching for giant, ancient impact structures on Earth: The Mesoarchaeon Maniitsoq structure, West Greenlandâ€”by Garde et al. [<i>Earth Planet. Sci. Lett.</i> 337â€”338 (2012) 197â€”210]. <i>Earth and Planetary Science Letters</i> , 2013, 369-370, 336-343.	4.4	9
101	Application of laser ablation-ICP-mass spectrometry for 2-dimensional mapping of element distributions in a Late Archean impact spherule layer. <i>Journal of Analytical Atomic Spectrometry</i> , 2013, 28, 1031.	3.0	9
102	Postâ€”impact event bed (tsunamite) at the Cretaceousâ€”Palaeogene boundary deposited on a distal carbonate platform interior. <i>Terra Nova</i> , 2017, 29, 135-143.	2.1	9
103	Determination of noble metals in sulphide inclusions from diamonds using inductively coupled plasma-mass spectrometry. <i>Analytica Chimica Acta</i> , 1996, 333, 41-49.	5.4	7
104	Interaction between felsic and mafic magmas in the Salmas intrusive complex, Northwestern Iran: Constraints from petrography and geochemistry. <i>Journal of Asian Earth Sciences</i> , 2015, 111, 440-458.	2.3	7
105	Petrogenesis and tectonomagmatic significance of Eocene mafic intrusions from the Neotethyan suture zone in the Muslim Baghâ€”Khanozai region, Pakistan. <i>Journal of the Geological Society</i> , 2016, 173, 518-530.	2.1	7
106	Mineral-scale variation in the trace metal and sulfur isotope composition of pyrite: implications for metal and sulfur sources in mafic VMS deposits. <i>Mineralium Deposita</i> , 2022, 57, 911-933.	4.1	7
107	Search for a meteoritic component in impact breccia from the Eyreville core, Chesapeake Bay impact structure: Considerations from platinum group element contents. , 2009, , .		6
108	The history of the Waterberg deposit: why South Africa's first platinum mine failed. <i>Transactions of the Institution of Mining and Metallurgy Section B-Applied Earth Science</i> , 2005, 114, 264-272.	0.8	5

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109	Geochemical studies of the SUBO 18 (Enkingen) drill core and other impact breccias from the Ries crater, Germany. <i>Meteoritics and Planetary Science</i> , 2013, 48, 1531-1571.	1.6	5
110	Geochemical Search for Impact Signatures in Possible Impact-generated Units Associated with the Jurassic-Cretaceous Boundary in southern England and northern France. <i>Impact Studies</i> , 2006, , 257-286.	0.5	4
111	Geochemistry of a confirmed Precambrian impact ejecta deposit: The Grønnes, spherule layer, South Greenland. <i>Meteoritics and Planetary Science</i> , 2019, 54, 2254-2272.	1.6	4
112	Origin(s) and geodynamic significance of Archean ultramafic mafic bodies in the mainland Lewisian Gneiss Complex, North Atlantic Craton. <i>Journal of the Geological Society</i> , 2020, 177, 700-717.	2.1	4
113	Tellurium interference with ultratrace platinum analysis during nickel sulphide fire-assay and neutron activation. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1995, 198, 169-178.	1.5	3
114	The geochemistry and petrogenesis of the Blue Draw Metagabbro. <i>Lithos</i> , 2013, 174, 271-290.	1.4	3
115	Geochemical studies of impact breccias and country rocks from the El'gygytgyn impact structure, Russia. <i>Meteoritics and Planetary Science</i> , 2015, 50, 1071-1088.	1.6	3
116	Platinum-group mineralization at the margin of the Skaergaard intrusion, East Greenland. <i>Mineralium Deposita</i> , 2017, 52, 929-942.	4.1	3
117	The Mesoarchean Amikoq Layered Complex of SW Greenland: Part 2. Geochemical evidence for high-Mg noritic plutonism through crustal assimilation. <i>Mineralogical Magazine</i> , 0, , 1-25.	1.4	3
118	Platinum-group element geochemistry of the Paraná flood basalts – Modelling metallogenesis in rifting continental plume environments. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 311, 74-101.	3.9	3
119	Eruption of basaltic magma at Tor Zawar, Balochistan, Pakistan on 27 January 2010: geochemical and petrological constraints on petrogenesis. <i>Mineralogical Magazine</i> , 2010, 74, 1027-1036.	1.4	2
120	Reply to Comment on ‘‘Post-impact event bed (tsunamiite) at the Cretaceous-Palaeogene boundary deposited on a distal carbonate platform interior’’, <i>Terra Nova</i> , 2017, 29, 332-334.	2.1	2
121	Origin of ultramafic mafic bodies on the Isles of Lewis and Harris (Scotland, UK): Constraints on the Archean-Paleoproterozoic evolution of the Lewisian Gneiss Complex, North Atlantic Craton. <i>Precambrian Research</i> , 2022, 369, 106523.	2.7	2
122	Geology of uranium deposits. <i>Transactions of the Institution of Mining and Metallurgy Section B-Applied Earth Science</i> , 2007, 116, 49-49.	0.8	1
123	Comments and corrections to the Letter to the Editor, <i>Meteoritics & Planetary Science</i> , May 2014: ‘‘Impact controversies: Impact recognition criteria and related issues,’’ and discussion of shock mineral melting at Maniitsoq and Vredefort. <i>Meteoritics and Planetary Science</i> , 2014, 49, 2129-2132.	1.6	1
124	Low-temperature silica-rich gold mineralization in mafic VMS systems: evidence from the Troodos ophiolite, Cyprus. <i>Mineralium Deposita</i> , 2021, 56, 805-822.	4.1	1
125	Base metal sulphide geochemistry of southern African mantle eclogites (Roberts Victor): Implications for cratonic mafic magmatism and metallogenesis. <i>Lithos</i> , 2021, 382-383, 105918.	1.4	1
126	The Importance of Assessing Variability in the Distribution of Anthropogenic Palladium, Platinum and Rhodium in Fluvial Sediments. , 2006, , 343-353.		1

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127	Giant mineral deposits and underlying Earth processes. <i>Mineralium Deposita</i> , 2005, 40, 449-450.	4.1	0
128	Selected papers from the Iron Ore 2005 Conference. <i>Transactions of the Institution of Mining and Metallurgy Section B-Applied Earth Science</i> , 2006, 115, 113-113.	0.8	0
129	Mineral exploration through cover. <i>Transactions of the Institution of Mining and Metallurgy Section B-Applied Earth Science</i> , 2007, 116, 1-1.	0.8	0
130	Advances in the understanding of chromitite deposits. <i>Transactions of the Institution of Mining and Metallurgy Section B-Applied Earth Science</i> , 2009, 118, 85-85.	0.8	0
131	North Atlantic Craton Conference: Preface to the thematic issue of <i>Mineralogical Magazine</i> . <i>Mineralogical Magazine</i> , 2015, 79, 811-813.	1.4	0
132	Introduction to the Special Issue dedicated to the work and memory of Professor Hazel Margaret Prichard (1954-2017). <i>Mineralogical Magazine</i> , 2018, 82, 453-456.	1.4	0
133	Distinct sulfur saturation histories within the Palaeogene Magilligan Sill, Northern Ireland: implications for Ni-Cu-platinum group element mineralisation in the North Atlantic Igneous Province. <i>Canadian Journal of Earth Sciences</i> , 2019, 56, 774-789.		0