Adrian Boyce

List of Publications by Year
in descending order

305 papers	7,697 citations	50276 46 h-index	102487 66 g-index
325 all docs	325 docs citations	325 times ranked	5923 citing authors

#	Article	IF	Citations
1	Pyritic mineralization halo above the Tara Deep Zn-Pb deposit, Navan, Ireland: Evidence for sub-seafloor exhalative hydrothermal processes?. Ore Geology Reviews, 2022, 140, 104415.	2.7	3
2	Hydrochemical characterization, spatial distribution, and geochemical controls on arsenic and boron in waters from arid Arica and Parinacota, northern Chile. Science of the Total Environment, 2022, 806, 150206.	8.0	8
3	Origin of the Mizab barite vein-type deposit, Ain Mimoun (NE Algeria): evidence from fluid inclusion and S-, O- and C-stable isotope studies. Arabian Journal of Geosciences, 2022, 15, 1.	1.3	0
4	Carbon in Mineralised Plutons. Geosciences (Switzerland), 2022, 12, 202.	2.2	1
5	Sulfur isotopes of hydrothermal vent fossils and insights into microbial sulfur cycling within a lower Paleozoic (Ordovicianâ€early Silurian) vent community. Geobiology, 2022, 20, 465-478.	2.4	4
6	The Eocene-Oligocene climate transition in the Alpine foreland basin: Paleoenvironmental change recorded in submarine fans. Palaeogeography, Palaeoclimatology, Palaeoecology, 2022, 600, 111064.	2.3	0
7	Coevolution of diagenetic fronts and fluid-fracture pathways. Scientific Reports, 2022, 12, .	3.3	5
8	Formation of the giant Aynak copper deposit, Afghanistan: evidence from mineralogy, lithogeochemistry and sulphur isotopes. International Geology Review, 2021, 63, 2104-2128.	2.1	3
9	Fluid and metal sources in the FÃboliden hypozonal orogenic gold deposit, Sweden. Mineralium Deposita, 2021, 56, 425-440.	4.1	5
10	Shallow-marine serpentinization-derived fluid seepage in the Upper Cretaceous Qahlah Formation, United Arab Emirates. Geological Magazine, 2021, 158, 1561-1571.	1.5	4
11	Sulphur isotopes in deep groundwater reservoirs: Evidence from post-stimulation flowback at the Pohang geothermal facility, Korea. Geothermics, 2021, 91, 102003.	3.4	2
12	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. Chemical Geology, 2021, 567, 120127.	3.3	12
13	Mineral chemistry, fluid inclusion and stable isotope studies of the Suyoc epithermal veins: Insights to Au-Cu mineralization in southern Mankayan Mineral District, Philippines. Ore Geology Reviews, 2021, 131, 104035.	2.7	6
14	Synsedimentary to Diagenetic CuÂ±Co Mineralization in Mesoproterozoic Pyritic Shale Driven by Magmatic-Hydrothermal Activity on the Edge of the Great Falls Tectonic Zoneâ€“Black Butte, Helena Embayment, Belt-Purcell Basin, USA: Evidence from Sulfide Re-Os Isotope Geochemistry. Lithosphere, 2021, 2021, .	1.4	2
15	Graphite from Palaeoproterozoic enhanced carbon burial, and its metallogenic legacy. Geological Magazine, 2021, 158, 1711-1718.	1.5	14
16	Mixed metamorphic and fluid graphite deposition in Palaeoproterozoic supracrustal rocks of the Lewisian Complex, NW Scotland. Terra Nova, 2021, 33, 541.	2.1	8
17	Mantle sources and magma evolution in Europe's largest rare earth element belt (Gardar Province,) Tj ETQq1 1 0.784314 rgBT /Overlock 117034.	4.4	16
18	A Rusty Record of Weathering and Groundwater Movement in the Hyperarid Central Andes. Geochemistry, Geophysics, Geosystems, 2021, 22, e2021GC009759.	2.5	2

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19	A Review of the Performance of Minewater Heating and Cooling Systems. Energies, 2021, 14, 6215.	3.1	18
20	Detailed internal structure and along-strike variability of the core of a plate boundary fault: the Highland Boundary fault, Scotland. Journal of the Geological Society, 2020, 177, 283-296.	2.1	6
21	Effects of magmatic volatile influx in mafic VMS hydrothermal systems: Evidence from the Troodos ophiolite, Cyprus. Chemical Geology, 2020, 531, 119325.	3.3	29
22	Kilometre-scale compartmentalization of fluid sources to a fossil hydrothermal system. Ore Geology Reviews, 2020, 116, 103207.	2.7	1
23	New insights into the genesis of willemite (Zn2SiO4) from zinc nonsulfide deposits, through trace elements and oxygen isotope geochemistry. Ore Geology Reviews, 2020, 118, 103307.	2.7	6
24	The sulfur isotope evolution of magmatic-hydrothermal fluids: insights into ore-forming processes. Geochimica Et Cosmochimica Acta, 2020, 288, 176-198.	3.9	66
25	Mineral separation protocol for accurate and precise rhenium-osmium (Re-Os) geochronology and sulphur isotope composition of individual sulphide species. MethodsX, 2020, 7, 100944.	1.6	6
26	Stable C, O, and S Isotope Record of Magmatic-Hydrothermal Interactions Between the FalÃ©mÃ© Fe Skarn and the Loulo Au Systems in Western Mali. Economic Geology, 2020, 115, 1537-1558.	3.8	3
27	Fluxing of mantle carbon as a physical agent for metallogenic fertilization of the crust. Nature Communications, 2020, 11, 4342.	12.8	43
28	On the common occurrence of sulphate with elevated Î´34S in European mine waters: Sulphides, evaporites or seawater?. International Journal of Coal Geology, 2020, 232, 103619.	5.0	13
29	Origin and evolution of fault-controlled hydrothermal dolomitization fronts: A new insight. Earth and Planetary Science Letters, 2020, 541, 116291.	4.4	41
30	Petrogenesis and geochemical halos of the amphibolite facies, Lower Proterozoic, Kerry Road volcanogenic massive sulfide deposit, Loch Maree Group, Gairloch, NW Scotland. Ore Geology Reviews, 2020, 124, 103623.	2.7	4
31	Evaluating new faultâ€controlled hydrothermal dolomitization models: Insights from the Cambrian Dolomite, Western Canadian Sedimentary Basin. Sedimentology, 2020, 67, 2945-2973.	3.1	48
32	The use of operationally-defined sequential Fe extraction methods for mineralogical applications: A cautionary tale from MÃ¶ssbauer spectroscopy. Chemical Geology, 2020, 543, 119584.	3.3	20
33	Source of gold in Neoarchean orogenic-type deposits in the North Atlantic Craton, Greenland: Insights for a proto-source of gold in sub-seafloor hydrothermal arsenopyrite in the Mesoarchean. Precambrian Research, 2020, 343, 105717.	2.7	6
34	The Dairi SEDEX ZnÂ+ÂPbÂ+ÂAg deposit (North Sumatra, Indonesia): Insights from mineralogy and sulfur isotope systematics. Ore Geology Reviews, 2020, 122, 103510.	2.7	5
35	Regional-scale paleofluid system across the Tuscan Nappeâ€“Umbriaâ€“Marche Apennine Ridge (northern) Tj ETQq1 1 0.784314 rgBT Earth, 2020, 11, 1617-1641.	2.8	23
36	CaractÃ©ristiques pÃ©trologiques et gÃ©ochimiques des roches magmatiques dâ€™El Aouana, NE algÃ©rien. Estudios Geologicos, 2020, 76, 124.	0.2	0

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37	Stable isotope and fluid inclusion study of sediment-hosted stratiform copper deposits from the NeuquÃ©n Basin, Argentina. Mineralium Deposita, 2019, 54, 415-436.	4.1	8
38	A combined pumping test and heat extraction/recirculation trial in an abandoned haematite ore mine shaft, Egremont, Cumbria, UK. Sustainable Water Resources Management, 2019, 5, 51-69.	2.1	8
39	Mobilisation of arsenic, selenium and uranium from Carboniferous black shales in west Ireland. Applied Geochemistry, 2019, 109, 104401.	3.0	21
40	Clumped-isotope palaeothermometry and LA-ICP-MS Uâ€“Pb dating of lava-pile hydrothermal calcite veins. Contributions To Mineralogy and Petrology, 2019, 174, 1.	3.1	34
41	Generation of the Mt Kinabalu Granite by Crustal Contamination of Intraplate Magma Modelled by Equilibrated Major Element Assimilation with Fractional Crystallization (EME-AFC). Journal of Petrology, 2019, 60, 1461-1487.	2.8	5
42	Rhenium Enrichment in the Muratdere Cu-Mo (Au-Re) Porphyry Deposit, Turkey: Evidence from Stable Isotope Analyses (Î´34S, Î´18O, ÎD) and Laser Ablation-Inductively Coupled Plasma-Mass Spectrometry Analysis of Sulfides. Economic Geology, 2019, 114, 1443-1466.	3.8	24
43	Rapid water-rock interactions evidenced by hydrochemical evolution of flowback fluid during hydraulic stimulation of a deep geothermal borehole in granodiorite: Pohang, Korea. Applied Geochemistry, 2019, 111, 104445.	3.0	8
44	Surface and groundwater hydrochemistry in the mid-Gregory Rift, Kenya: first impressions and potential implications for geothermal systems. E3S Web of Conferences, 2019, 98, 07004.	0.5	0
45	Sulphur isotopes of alkaline magmas unlock long-term records of crustal recycling on Earth. Nature Communications, 2019, 10, 4208.	12.8	25
46	Surface and Groundwater Hydrochemistry of the Menengai Caldera Geothermal Field and Surrounding Nakuru County, Kenya. Energies, 2019, 12, 3131.	3.1	9
47	Remarkably uniform oxygen isotope systematics for co-existing pairs of gem-spinel and calcite in marble, with special reference to Vietnamese deposits. Comptes Rendus - Geoscience, 2019, 351, 27-36.	1.2	5
48	Hydrothermal iron oxide-Cu-Au (IOCG) mineralization at the Jalal-Abad deposit, northwestern Zarand, Iran. Ore Geology Reviews, 2019, 106, 300-317.	2.7	11
49	Tracing the migration of mantle CO2 in gas fields and mineral water springs in south-east Australia using noble gas and stable isotopes. Geochimica Et Cosmochimica Acta, 2019, 259, 109-128.	3.9	22
50	Coupling Mineralogy, Textures, Stable and Radiogenic Isotopes in Identifying Ore-Forming Processes in Irish-Type Carbonate-Hosted Znâ€“Pb Deposits. Minerals (Basel, Switzerland), 2019, 9, 335.	2.0	6
51	Diatremes Act as Fluid Conduits for Zn-Pb Mineralization in the SW Irish Ore Field. Economic Geology, 2019, 114, 117-125.	3.8	5
52	Detecting ancient life: Investigating the nature and origin of possible stromatolites and associated calcite from a one billion year old lake. Precambrian Research, 2019, 328, 309-320.	2.7	5
53	The Sidi El Hemissi Triassic â€œophitesâ€•(Souk Ahras, NE Algeria): petrology, geochemistry, and petrogenesis. Arabian Journal of Geosciences, 2019, 12, 1.	1.3	5
54	Neoproterozoic copper cycling, and the rise of metazoans. Scientific Reports, 2019, 9, 3638.	3.3	3

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55	Distinct sulfur saturation histories within the Palaeogene Magilligan Sill, Northern Ireland: implications for Niâ€‰â€“â€‰Cuâ€‰â€“â€‰platinum group element mineralisation in the North Atlantic Igneous Province. Canadian Journal of Earth Sciences, 2019, 56, 774-789.	1.3	0
56	A Review of the Hydrochemistry of a Deep Sedimentary Aquifer and Its Consequences for Geothermal Operation: Klaipeda, Lithuania. Geofluids, 2019, 2019, 1-20.	0.7	12
57	Constraining the Fluid History of a CO 2 â€H 2 S Reservoir: Insights From Stable Isotopes, REE, and Fluid Inclusion Microthermometry. Geochemistry, Geophysics, Geosystems, 2019, 20, 359-382.	2.5	6
58	Dual in-aquifer and near surface processes drive arsenic mobilization in Cambodian groundwaters. Science of the Total Environment, 2019, 659, 699-714.	8.0	25
59	Stable isotopes of oxygen and hydrogen in meteoric water during the Cryogenian Period. Precambrian Research, 2019, 320, 253-260.	2.7	1
60	Structural controls on non fabricâ€selective dolomitization within riftâ€related basinâ€bounding normal fault systems: Insights from the Hammam Faraun Fault, Gulf of Suez, Egypt. Basin Research, 2018, 30, 990-1014.	2.7	20
61	The oceanic anoxic event 2 at Es Souabaa (Tebessa, NE Algeria): bio-events and stable isotope study. Arabian Journal of Geosciences, 2018, 11, 1.	1.3	4
62	Paleoproterozoic manganese and base metals deposits at Kisenge-Kamata (Katanga, D.R. Congo). Ore Geology Reviews, 2018, 96, 181-200.	2.7	18
63	The Cristal Zinc prospect (Amazonas region, northern Peru). Part I: New insights on the sulfide mineralization in the BongarÃ¡ province. Ore Geology Reviews, 2018, 94, 261-276.	2.7	10
64	Tellurium, selenium and cobalt enrichment in Neoproterozoic black shales, Gwna Group, UK: Deep marine trace element enrichment during the Second Great Oxygenation Event. Terra Nova, 2018, 30, 244-253.	2.1	13
65	Controls on the formation of stratabound dolostone bodies, Hammam Faraun Fault block, Gulf of Suez. Sedimentology, 2018, 65, 1973-2002.	3.1	24
66	The evolution of magma during continental rifting: New constraints from the isotopic and trace element signatures of silicic magmas from Ethiopian volcanoes. Earth and Planetary Science Letters, 2018, 489, 203-218.	4.4	35
67	Stable isotope and geochronological study of the Mawchi Sn-W deposit, Myanmar: Implications for timing of mineralization and ore genesis. Ore Geology Reviews, 2018, 95, 663-679.	2.7	25
68	Hydrochemistry and stable isotopes (Î´ 18 O and Î´ 2 H) tools applied to the study of karst aquifers in southern mediterranean basin (Teboursouk area, NW Tunisia). Journal of African Earth Sciences, 2018, 137, 208-217.	2.0	41
69	Demonstrating deep biosphere activity in the geological record of lake sediments, on Earth and Mars. International Journal of Astrobiology, 2018, 17, 380-385.	1.6	2
70	The Kago low-sulfidation gold and silver deposit: A peripheral mineralisation to the Nansatsu high-sulfidation system, southern Kyushu, Japan. Ore Geology Reviews, 2018, 102, 951-966.	2.7	8
71	Oxygen Isotope Microanalysis By Secondary Ion Mass Spectrometry Suggests Continuous 300-million-year History of Calcite Cementation and Dolomitization in the Devonian Bakken Formation. Journal of Sedimentary Research, 2018, 88, 91-104.	1.6	12
72	No significant boron in the hydrated mantle of most subducting slabs. Nature Communications, 2018, 9, 4602.	12.8	23

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73	Tellurium, magmatic fluids and orogenic gold: An early magmatic fluid pulse at Cononish gold deposit, Scotland. Ore Geology Reviews, 2018, 102, 894-905.	2.7	40
74	Biogeochemical probing of microbial communities in a basaltâ€hosted hot spring at KverkfjÃ¶ll volcano, Iceland. Geobiology, 2018, 16, 507-521.	2.4	15
75	Multi-stage pyrite genesis and epigenetic selenium enrichment of Greenburn coals (East Ayrshire). Scottish Journal of Geology, 2018, 54, 37-49.	0.1	8
76	Critical elements in non-sulfide Zn deposits: a reanalysis of the Kabwe Zn-Pb ores (central Zambia). Mineralogical Magazine, 2018, 82, S89-S114.	1.4	20
77	Mixing of magmatic-hydrothermal and metamorphic fluids and the origin of peribatholitic Sn vein-type deposits in Rwanda. Ore Geology Reviews, 2018, 101, 481-501.	2.7	39
78	Petrology, geochemistry and stable isotope studies of the Miocene igneous rocks and related sulphide mineralisation of Oued Amizour (NE Algeria). Ore Geology Reviews, 2018, 101, 312-329.	2.7	6
79	Aqueous alteration of the Martian meteorite Northwest Africa 817: Probing fluidâ€“rock interaction at the nakhlite launch site. Meteoritics and Planetary Science, 2018, 53, 2395-2412.	1.6	33
80	The Koudia El Hamra Agâ€“Pbâ€“Zn deposit, Jebilet, Morocco: Mineralogy and ore fluid characterization. Journal of African Earth Sciences, 2018, 145, 1-17.	2.0	7
81	High selenium in the Carboniferous Coal Measures of Northumberland, North East England. International Journal of Coal Geology, 2018, 195, 61-74.	5.0	28
82	Delineating sources of groundwater recharge in an arsenic-affected Holocene aquifer in Cambodia using stable isotope-based mixing models. Journal of Hydrology, 2018, 557, 321-334.	5.4	31
83	The Oued Amizour VHMS Zn-Deposit, Northeastern Algeria: Does It Have a Kuroko-Type Signature?. Advances in Science, Technology and Innovation, 2018, , 1325-1328.	0.4	0
84	The geology and genesis of the iron skarns of the Turgai belt, northwestern Kazakhstan. Ore Geology Reviews, 2017, 85, 216-246.	2.7	17
85	Evidence for an impact-induced biosphere from the Î´34S signature of sulphides in the Rochechouart impact structure, France. Earth and Planetary Science Letters, 2017, 460, 192-200.	4.4	13
86	Fault-controlled dolomitization in a rift basin. Geology, 2017, 45, 219-222.	4.4	77
87	Microbial sulphate reduction during Neoproterozoic glaciation, Port Askaig Formation, UK. Journal of the Geological Society, 2017, 174, 850-854.	2.1	11
88	Micro-scale sulfur isotope and chemical variations in sphalerite from the Bleiberg Pb-Zn deposit, Eastern Alps, Austria. Ore Geology Reviews, 2017, 90, 52-62.	2.7	16
89	The inherent tracer fingerprint of captured CO 2. International Journal of Greenhouse Gas Control, 2017, 65, 40-54.	4.6	24
90	Pink and Red Spinels In Marble: Trace Elements, Oxygen Isotopes, and Sources. Canadian Mineralogist, 2017, 55, 743-761.	1.0	19

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91	The influence of climate on early and burial diagenesis of Triassic and Jurassic sandstones from the Norwegianâ€“Danish Basin. Depositional Record, 2017, 3, 60-91.	1.7	25
92	Volcanological and environmental controls on the Snowdon mineralization, North Wales, UK: A failed volcanogenic massive sulfide system in the Avalon Zone of the British Caledonides. Ore Geology Reviews, 2017, 89, 557-586.	2.7	5
93	Petrological, geochemical and isotopic characteristics of the Collo ultramafic rocks (NE Algeria). Journal of African Earth Sciences, 2017, 125, 59-72.	2.0	7
94	Magmatic Cu-Ni-PGE-Au sulfide mineralisation in alkaline igneous systems: An example from the Sron Garbh intrusion, Tyndrum, Scotland. Ore Geology Reviews, 2017, 80, 961-984.	2.7	25
95	A magmatic source of hydrothermal sulfur for the Prominent Hill deposit and associated prospects in the Olympic iron oxide copper-gold (IOCG) province of South Australia. Ore Geology Reviews, 2017, 89, 1058-1090.	2.7	27
96	Carbonate alteration of ophiolitic rocks in the Arabianâ€“Nubian Shield of Egypt: sources and compositions of the carbonating fluid and implications for the formation of Au deposits. International Geology Review, 2017, 59, 391-419.	2.1	57
97	Cu-Ni-PGE mineralisation at the Aurora Project and potential for a new PGE province in the Northern Bushveld Main Zone. Ore Geology Reviews, 2017, 80, 1135-1159.	2.7	24
98	A black shale protolith for gold-tellurium mineralisation in the Dalradian Supergroup (Neoproterozoic) of Britain and Ireland. Transactions of the Institution of Mining and Metallurgy Section B-Applied Earth Science, 2017, 126, 161-175.	0.8	11
99	Contrasting microfossil preservation and lake chemistries within the 1200â€“1000 Ma Torridonian Supergroup of NW Scotland. Geological Society Special Publication, 2017, 448, 105-119.	1.3	4
100	Groundwater table fluctuations recorded in zonation of microbial siderites from end-Triassic strata. Sedimentary Geology, 2016, 342, 47-65.	2.1	21
101	Multidecadal accumulation of anthropogenic and remineralized dissolved inorganic carbon along the Extended Ellett Line in the northeast Atlantic Ocean. Global Biogeochemical Cycles, 2016, 30, 293-310.	4.9	8
102	Sulphide Sinking in Magma Conduits: Evidence from Maficâ€“Ultramafic Plugs on Rum and the Wider North Atlantic Igneous Province. Journal of Petrology, 2016, 57, 383-416.	2.8	13
103	Origin and geodynamic setting of Late Cenozoic granitoids in Sulawesi, Indonesia. Journal of Asian Earth Sciences, 2016, 124, 102-125.	2.3	21
104	Effective crustal permeability controls fault evolution: An integrated structural, mineralogical and isotopic study in granitic gneiss, Monte Rosa, northern Italy. Tectonophysics, 2016, 690, 160-173.	2.2	12
105	Sustainability of thermal energy production at the flooded mine workings of the former Caphouse Colliery, Yorkshire, United Kingdom. International Journal of Coal Geology, 2016, 164, 85-91.	5.0	40
106	Hydrochemistry and stable isotopes as tools for understanding the sustainability of minewater geothermal energy production from a â€˜standing columnâ€™ heat pump system: Markham Colliery, Bolsover, Derbyshire, UK. International Journal of Coal Geology, 2016, 165, 223-230.	5.0	32
107	The Gounkoto Au deposit, West Africa: Constraints on ore genesis and volatile sources from petrological, fluid inclusion and stable isotope data. Ore Geology Reviews, 2016, 78, 606-622.	2.7	32
108	Origin of heavy oil in Cretaceous petroleum reservoirs. Bullentin of Canadian Petroleum Geology, 2016, 64, 106-118.	0.3	16

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109	Preliminary investigation on temperature, chemistry and isotopes of mine water pumped in Bytom geological basin (USCB Poland) as a potential geothermal energy source. International Journal of Coal Geology, 2016, 164, 104-114.	5.0	21
110	Fluid inclusion and stable isotope studies of the Mesloula Pb-Zn-Ba ore deposit, NE Algeria: Characteristics and origin of the mineralizing fluids. Journal of African Earth Sciences, 2016, 121, 119-135.	2.0	23
111	The application of S isotopes and S/Se ratios in determining ore-forming processes of magmatic Niâ€“Cuâ€“PGE sulfide deposits: A cautionary case study from the northern Bushveld Complex. Ore Geology Reviews, 2016, 73, 148-174.	2.7	53
112	Multiple metal sources in the glaciomarine facies of the Neoproterozoic Jacadigo iron formation in the â€œSanta Cruz depositâ€; CorumbÃ¡, Brazil. Precambrian Research, 2016, 275, 369-393.	2.7	45
113	Tracing organic matter composition and distribution and its role on arsenic release in shallow Cambodian groundwaters. Geochimica Et Cosmochimica Acta, 2016, 178, 160-177.	3.9	90
114	Hydrogeochemical and stable isotope data of groundwater of a multi-aquifer system: Northern Gafsa basin â€“ Central Tunisia. Journal of African Earth Sciences, 2016, 114, 174-191.	2.0	89
115	Genesis of the vein-type tungsten mineralization at Nyakabingo (Rwanda) in the Karagweâ€“Ankole belt, Central Africa. Mineralium Deposita, 2016, 51, 283-307.	4.1	45
116	Unconventional non-magmatic sulfur source for the MazarrÃ³n Znâ€“Pbâ€“Cuâ€“Agâ€“Fe epithermal deposit (SE Spain). Ore Geology Reviews, 2016, 72, 1102-1115.	2.7	11
117	Geological setting and timing of the world-class Sn, Nbâ€“Ta and Li mineralization of Manono-Kitotolo (Katanga, Democratic Republic of Congo). Ore Geology Reviews, 2016, 72, 373-390.	2.7	29
118	Stable carbon isotopes of dissolved inorganic carbon for a zonal transect across the subpolar North Atlantic Ocean in summer 2014. Earth System Science Data, 2016, 8, 221-233.	9.9	6
119	Age and provenance of groundwater in a shallow arsenic-affected aquifer in the lower Mekong Basin, Kandal Province, Cambodia. Arsenic in the Environment Proceedings, 2016, , 74-75.	0.0	0
120	Chloride waters of Great Britain revisited: from subsea formation waters to onshore geothermal fluids. Proceedings of the Geologists Association, 2015, 126, 453-465.	1.1	21
121	Evidence for microbial activity in British and Irish Ordovician pillow lavas. Geological Journal, 2015, 50, 497-508.	1.3	5
122	Extensive evaporation in a modern temperate estuary: Stable isotopic and compositional evidence. Limnology and Oceanography, 2015, 60, 1241-1250.	3.1	11
123	Copperâ€“Gold Skarn Mineralization at the Karavansalija Ore Zone, Rogozna Mountain, Southwestern Serbia. Resource Geology, 2015, 65, 328-344.	0.8	8
124	Abundant sulphate in the Neoproterozoic ocean: implications of constant Î´ ³⁴ S of barite in the Aberfeldy SEDEX deposits, Scottish Dalradian. Geological Society Special Publication, 2015, 393, 189-212.	1.3	6
125	Subsurface absorption of anthropogenic warming of the land surface: The case of the world's largest brickworks (Stewartby, Bedfordshire, UK). Science of the Total Environment, 2015, 508, 585-603.	8.0	13
126	Ore deposits in an evolving Earth: an introduction. Geological Society Special Publication, 2015, 393, 1-8.	1.3	10

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127	Contrasting mechanisms for crustal sulphur contamination of mafic magma: evidence from dyke and sill complexes from the British Palaeogene Igneous Province. Journal of the Geological Society, 2015, 172, 443-458.	2.1	10
128	How the Neoproterozoic S-isotope record illuminates the genesis of vein gold systems: an example from the Dalradian Supergroup in Scotland. Geological Society Special Publication, 2015, 393, 213-247.	1.3	9
129	Geological setting and timing of the cassiterite vein type mineralization of the Kalima area (Maniema,) Tj ETQq1 1 0.784314 rgBT /Ov	2.0	15
130	Enhanced microbial activity in carbon-rich pillow lavas, Ordovician, Great Britain and Ireland. Geology, 2015, 43, 827-830.	4.4	1
131	Late Cretaceous (Maastrichtian) shallow water hydrocarbon seeps from Snow Hill and Seymour Islands, James Ross Basin, Antarctica. Palaeogeography, Palaeoclimatology, Palaeoecology, 2015, 418, 213-228.	2.3	45
132	Constraints on the development of orogenic style gold mineralisation at Mineral de Talca, Coastal Range, central Chile: evidence from a combined structural, mineralogical, S and Pb isotope and geochronological study. Mineralium Deposita, 2015, 50, 675-696.	4.1	9
133	The Massawa gold deposit, Eastern Senegal, West Africa: an orogenic gold deposit sourced from magmatically derived fluids?. Geological Society Special Publication, 2015, 393, 135-160.	1.3	29
134	Measurements of the stable carbon isotope composition of dissolved inorganic carbon in the northeastern Atlantic and Nordic Seas during summer 2012. Earth System Science Data, 2015, 7, 127-135.	9.9	12
135	Hydrological investigation of a multi-stratified pit lake using radioactive and stable isotopes combined with hydrometric monitoring. Journal of Hydrology, 2014, 511, 494-508.	5.4	25
136	Extremely negative and inhomogeneous sulfur isotope signatures in Cretaceous Chilean manto-type Cuâ€“(Ag) deposits, Coastal Range of central Chile. Ore Geology Reviews, 2014, 56, 13-24.	2.7	17
137	Constraining causes of fish mass mortality using ultra-high-resolution biomarker measurement. Chemical Geology, 2014, 385, 156-162.	3.3	5
138	Minor Elements in Layered Sphalerite as a Record of Fluid Origin, Mixing, and Crystallization in the Navan Zn-Pb Ore Deposit, Ireland. Economic Geology, 2014, 109, 1513-1528.	3.8	46
139	10Be, 18O and radiogenic isotopic constraints on the origin of adakitic signatures: a case study from Solander and Little Solander Islands, New Zealand. Contributions To Mineralogy and Petrology, 2014, 168, 1.	3.1	4
140	Mantle heat drives hydrothermal fluids responsible for carbonate-hosted base metal deposits: evidence from 3He/4He of ore fluids in the Irish Pb-Zn ore district. Mineralium Deposita, 2014, 49, 547-553.	4.1	15
141	Assimilation of sediments embedded in the oceanic arc crust: myth or reality?. Earth and Planetary Science Letters, 2014, 395, 51-60.	4.4	45
142	Preservation of Mesoproterozoic age deep burial fluid signatures, NW Scotland. Marine and Petroleum Geology, 2014, 55, 275-281.	3.3	6
143	Incursion of meteoric waters into the ductile regime in an active orogen. Earth and Planetary Science Letters, 2014, 399, 1-13.	4.4	90
144	New mineralogical and isotopic constraints on Main Zone-hosted PGE mineralisation at Moorddrift, northern Bushveld Complex. Mineralium Deposita, 2013, 48, 675-686.	4.1	13

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