

Adrian Boyce

List of Publications by Year in descending order

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305
papers

7,697
citations

50276

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102487

66
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325
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325
docs citations

325
times ranked

5923
citing authors

#	ARTICLE	IF	CITATIONS
1	Geologic Evolution of the Escondida Area, Northern Chile: A Model for Spatial and Temporal Localization of Porphyry Cu Mineralization. <i>Economic Geology</i> , 2001, 96, 271-305.	3.8	201
2	A Devonian auriferous hot spring system, Rhynie, Scotland. <i>Journal of the Geological Society</i> , 1995, 152, 229-250.	2.1	143
3	Ore-Forming Processes in Irish-Type Carbonate-Hosted Zn-Pb Deposits: Evidence from Mineralogy, Chemistry, and Isotopic Composition of Sulfides at the Lisheen Mine. <i>Economic Geology</i> , 2005, 100, 63-86.	3.8	124
4	Zn, Fe and S isotope fractionation in a large hydrothermal system. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 88, 183-198.	3.9	111
5	A stable isotope study of microbial dolomite formation in the Coorong Region, South Australia. <i>Chemical Geology</i> , 2007, 244, 155-174.	3.3	107
6	Formation of fossil hydrothermal chimneys and mounds from Silvermines, Ireland. <i>Nature</i> , 1983, 306, 545-550.	27.8	106
7	Pond-Derived Organic Carbon Driving Changes in Arsenic Hazard Found in Asian Groundwaters. <i>Environmental Science & Technology</i> , 2013, 47, 7085-7094.	10.0	106
8	⁴⁰ Ar/ ³⁹ Ar dating of hydrothermal activity, biota and gold mineralization in the Rhynie hot-spring system, Aberdeenshire, Scotland. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 555-569.	3.9	100
9	Early oxygenation of the terrestrial environment during the Mesoproterozoic. <i>Nature</i> , 2010, 468, 290-293.	27.8	97
10	Origin of the Nchanga copper-cobalt deposits of the Zambian Copperbelt. <i>Mineralium Deposita</i> , 2006, 40, 617-638.	4.1	92
11	Constraints on the Origins of Fluids Forming Irish Zn-Pb-Ba Deposits: Evidence from the Composition of Fluid Inclusions. <i>Economic Geology</i> , 2002, 97, 471-480.	3.8	90
12	Incursion of meteoric waters into the ductile regime in an active orogen. <i>Earth and Planetary Science Letters</i> , 2014, 399, 1-13.	4.4	90
13	Tracing organic matter composition and distribution and its role on arsenic release in shallow Cambodian groundwaters. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 178, 160-177.	3.9	90
14	Evolution and paragenetic context of low δD hydrothermal fluids from the Panasqueira W-Sn deposit, Portugal: new evidence from microthermometric, stable isotope, noble gas and halogen analyses of primary fluid inclusions. <i>Geochimica Et Cosmochimica Acta</i> , 2000, 64, 3357-3371.	3.9	89
15	Hydrogeochemical and stable isotope data of groundwater of a multi-aquifer system: Northern Gafsa basin - Central Tunisia. <i>Journal of African Earth Sciences</i> , 2016, 114, 174-191.	2.0	89
16	A Fluid Inclusion and Stable Isotope Study at the Loulo Mining District, Mali, West Africa: Implications for Multifluid Sources in the Generation of Orogenic Gold Deposits. <i>Economic Geology</i> , 2013, 108, 229-257.	3.8	88
17	Ore depositional process in the Navan Zn-Pb deposit, Ireland. <i>Economic Geology</i> , 1998, 93, 535-563.	3.8	86
18	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

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19	Fault-controlled dolomitization in a rift basin. <i>Geology</i> , 2017, 45, 219-222.	4.4	77
20	Origin of the copper-cobalt deposits of the Zambian Copperbelt: An epigenetic view from Nchanga. <i>Geology</i> , 2003, 31, 497.	4.4	75
21	100th Anniversary Special Paper: * > On Hydrothermal Convection Systems and the Emergence of Life. <i>Economic Geology</i> , 2005, 100, 419-438.	3.8	75
22	Oxygen isotope systematics of the Banda Arc: low $\delta^{18}O$ despite involvement of subducted continental material in magma genesis. <i>Geochimica Et Cosmochimica Acta</i> , 2001, 65, 589-609.	3.9	74
23	Genesis of sediment-hosted stratiform copper-cobalt mineralization at Luiswishi and Kamoto, Katanga Copperbelt (Democratic Republic of Congo). <i>Mineralium Deposita</i> , 2010, 45, 735-763.	4.1	74
24	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
25	A new sulphur isotopic study of some Iberian Pyrite Belt deposits: evidence of a textural control on sulphur isotope composition. <i>Mineralium Deposita</i> , 1998, 34, 4-18.	4.1	67
26	The sulfur isotope evolution of magmatic-hydrothermal fluids: insights into ore-forming processes. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 288, 176-198.	3.9	66
27	The geochemistry of fluids from an active shallow submarine hydrothermal system: Milos island, Hellenic Volcanic Arc. <i>Journal of Volcanology and Geothermal Research</i> , 2005, 148, 130-151.	2.1	65
28	Stable Isotope Constraints on Ore Formation at the San Rafael Tin-Copper Deposit, Southeast Peru. <i>Economic Geology</i> , 2009, 104, 223-248.	3.8	62
29	Growth controls in colloform pyrite. <i>American Mineralogist</i> , 2009, 94, 415-429.	1.9	62
30	Gold remobilization by low-temperature brines; evidence from the Curraghinalt gold deposit, Northern Ireland. <i>Economic Geology</i> , 1999, 94, 289-296.	3.8	58
31	Laser combustion analysis of $\delta^{34}S$ of sulfosalt minerals. <i>Geochimica Et Cosmochimica Acta</i> , 2002, 66, 2855-2863.	3.9	58
32	Carbonate alteration of ophiolitic rocks in the Arabian-Nubian Shield of Egypt: sources and compositions of the carbonating fluid and implications for the formation of Au deposits. <i>International Geology Review</i> , 2017, 59, 391-419.	2.1	57
33	Anhydrite pseudomorphs and the origin of stratiform Cu-Co ores in the Katangan Copperbelt (Democratic Republic of Congo). <i>Mineralium Deposita</i> , 2008, 43, 575-589.	4.1	56
34	On the growth of colloform textures: a case study of sphalerite from the Galmoy ore body, Ireland. <i>Journal of the Geological Society</i> , 2009, 166, 563-582.	2.1	56
35	BACTERIA WERE RESPONSIBLE FOR THE MAGNITUDE OF THE WORLD-CLASS HYDROTHERMAL BASE METAL SULFIDE OREBODY AT NAVAN, IRELAND. <i>Economic Geology</i> , 2001, 96, 885-890.	3.8	55
36	Infiltration of basinal fluids into high-grade basement, South Norway: sources and behaviour of waters and brines. <i>Geofluids</i> , 2003, 3, 33-48.	0.7	53

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37	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. <i>Ore Geology Reviews</i> , 2016, 73, 148-174.	2.7	53
38	Chemical and thermal constraints on focussed fluid flow in the lower oceanic crust. <i>Numerische Mathematik</i> , 2006, 306, 389-427.	1.4	52
39	Fluid transfers at a basement/cover interface. <i>Chemical Geology</i> , 2002, 192, 121-140.	3.3	51
40	Intracratonic crustal seawater circulation and the genesis of subseafloor zinc-lead mineralization in the Irish orefield. <i>Geology</i> , 2005, 33, 805.	4.4	50
41	Variability in fluid sources in the fluorite deposits from Asturias (N Spain): Further evidences from REE, radiogenic (Sr, Sm, Nd) and stable (S, C, O) isotope data. <i>Ore Geology Reviews</i> , 2010, 37, 87-100.	2.7	50
42	The age of the Mesoproterozoic Stoer Group sedimentary and impact deposits, NW Scotland. <i>Journal of the Geological Society</i> , 2011, 168, 349-358.	2.1	50
43	The role of crustal and mantle sources in the genesis of granitoids of the Antarctic Peninsula and adjacent crustal blocks. <i>Journal of the Geological Society</i> , 2001, 158, 855-867.	2.1	50
44	Timing of Interplay between Hydrothermal and Surface Fluids in the Navan Zn + Pb Orebody, Ireland: Evidence from Metal Distribution Trends, Mineral Textures, and $\delta^{34}\text{S}$ Analyses. <i>Economic Geology</i> , 2002, 97, 73-91.	3.8	48
45	Evaluating new faultâ€“controlled hydrothermal dolomitization models: Insights from the Cambrian Dolomite, Western Canadian Sedimentary Basin. <i>Sedimentology</i> , 2020, 67, 2945-2973.	3.1	48
46	100th Anniversary Special Paper: > On Hydrothermal Convection Systems and the Emergence of Life. <i>Economic Geology</i> , 2005, 100, 419-438.	3.8	47
47	ISOTOPIC DISCRIMINANTS BETWEEN LATE BRONZE AGE GLASSES FROM EGYPT AND THE NEAR EAST. <i>Archaeometry</i> , 2010, 52, 380-388.	1.3	47
48	Minor Elements in Layered Sphalerite as a Record of Fluid Origin, Mixing, and Crystallization in the Navan Zn-Pb Ore Deposit, Ireland. <i>Economic Geology</i> , 2014, 109, 1513-1528.	3.8	46
49	Fluid inclusion and stable isotope constraints on the genesis of the Cligga Head Sn-W deposit, S.W. England. <i>European Journal of Mineralogy</i> , 1996, 8, 961-974.	1.3	46
50	Assimilation of sediments embedded in the oceanic arc crust: myth or reality?. <i>Earth and Planetary Science Letters</i> , 2014, 395, 51-60.	4.4	45
51	Late Cretaceous (Maastrichtian) shallow water hydrocarbon seeps from Snow Hill and Seymour Islands, James Ross Basin, Antarctica. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 418, 213-228.	2.3	45
52	Multiple metal sources in the glaciomarine facies of the Neoproterozoic Jacadigo iron formation in the â€“Santa Cruz depositâ€“, CorumbÃ¡, Brazil. <i>Precambrian Research</i> , 2016, 275, 369-393.	2.7	45
53	Genesis of the vein-type tungsten mineralization at Nyakabingo (Rwanda) in the Karagweâ€“Ankole belt, Central Africa. <i>Mineralium Deposita</i> , 2016, 51, 283-307.	4.1	45
54	Multi-stage fluid incursion in the Palaeozoic basement-hosted Saint-Salvy ore deposit (NW Montagne) Tj ETQq0 0 Q,rgBT /Overlock 10 T	3.6	44

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55	The development of volcanic hosted massive sulfide and bariteâ€“gold orebodies on Wetar Island, Indonesia. <i>Mineralium Deposita</i> , 2005, 40, 76-99.	4.1	44
56	Late anhydrite cements mark basin inversion: isotopic and formation water evidence, Rotliegend Sandstone, North Sea. <i>Marine and Petroleum Geology</i> , 1994, 11, 46-54.	3.3	43
57	Source and evolution of ore-forming hydrothermal fluids in the northern Iberian Pyrite Belt massive sulphide deposits (SW Spain): evidence from fluid inclusions and stable isotopes. <i>Mineralium Deposita</i> , 2003, 38, 519-537.	4.1	43
58	Pyrite metamorphism in the devonian hunsruck slate of Germany: Insights from laser microprobe sulfur isotope analysis and thermodynamic modeling. <i>Numerische Mathematik</i> , 2006, 306, 525-552.	1.4	43
59	Fluxing of mantle carbon as a physical agent for metallogenic fertilization of the crust. <i>Nature Communications</i> , 2020, 11, 4342.	12.8	43
60	Exhumation of an active magmaticâ€“hydrothermal system in a resurgent caldera environment: the example of Ischia (Italy). <i>Journal of the Geological Society</i> , 2009, 166, 1061-1073.	2.1	41
61	Hydrochemistry and stable isotopes ($\delta^{18}O$ and δ^2H) tools applied to the study of karst aquifers in southern mediterranean basin (Teboursouk area, NW Tunisia). <i>Journal of African Earth Sciences</i> , 2018, 137, 208-217.	2.0	41
62	Origin and evolution of fault-controlled hydrothermal dolomitization fronts: A new insight. <i>Earth and Planetary Science Letters</i> , 2020, 541, 116291.	4.4	41
63	Hydrothermal pyrite chimneys from the Ballynoe baryte deposit, Silvermines, County Tipperary, Ireland. <i>Mineralium Deposita</i> , 1981, 16, 309.	4.1	40
64	Contrasting evolution of hydrothermal fluids in the PACMANUS system, Manus Basin: The Sr and S isotope evidence. <i>Geology</i> , 2003, 31, 805.	4.4	40
65	Sustainability of thermal energy production at the flooded mine workings of the former Caphouse Colliery, Yorkshire, United Kingdom. <i>International Journal of Coal Geology</i> , 2016, 164, 85-91.	5.0	40
66	Tellurium, magmatic fluids and orogenic gold: An early magmatic fluid pulse at Cononish gold deposit, Scotland. <i>Ore Geology Reviews</i> , 2018, 102, 894-905.	2.7	40
67	Evolution of Cuâ€“Co mineralizing fluids at Nkana Mine, Central African Copperbelt, Zambia. <i>Journal of African Earth Sciences</i> , 2010, 58, 457-474.	2.0	39
68	Sulfur isotope signatures for rapid colonization of an impact crater by thermophilic microbes. <i>Geology</i> , 2010, 38, 271-274.	4.4	39
69	Mixing of magmatic-hydrothermal and metamorphic fluids and the origin of peribatholithic Sn vein-type deposits in Rwanda. <i>Ore Geology Reviews</i> , 2018, 101, 481-501.	2.7	39
70	Genetic studies of red bed mineralization in the Triassic of the Cheshire Basin, northwest England. <i>Journal of the Geological Society</i> , 1989, 146, 685-699.	2.1	38
71	The evolution of magma during continental rifting: New constraints from the isotopic and trace element signatures of silicic magmas from Ethiopian volcanoes. <i>Earth and Planetary Science Letters</i> , 2018, 489, 203-218.	4.4	35
72	Clumped-isotope palaeothermometry and LA-ICP-MS Uâ€“Pb dating of lava-pile hydrothermal calcite veins. <i>Contributions To Mineralogy and Petrology</i> , 2019, 174, 1.	3.1	34

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73	The role of prokaryotes in supergene alteration of submarine hydrothermal sulfides. <i>Earth and Planetary Science Letters</i> , 2006, 244, 170-185.	4.4	33
74	Aqueous alteration of the Martian meteorite Northwest Africa 817: Probing fluid-rock interaction at the nakhlite launch site. <i>Meteoritics and Planetary Science</i> , 2018, 53, 2395-2412.	1.6	33
75	Preliminary sulphur isotope data of diagenetic and vein sulphides in the Lower Palaeozoic strata of Ireland and southern Scotland: implications for Zn + Pb + Ba mineralization. <i>Journal of the Geological Society</i> , 1989, 146, 715-720.	2.1	32
76	Hydrochemistry and stable isotopes as tools for understanding the sustainability of minewater geothermal energy production from a "standing column" heat pump system: Markham Colliery, Bolsover, Derbyshire, UK. <i>International Journal of Coal Geology</i> , 2016, 165, 223-230.	5.0	32
77	The Goukoto Au deposit, West Africa: Constraints on ore genesis and volatile sources from petrological, fluid inclusion and stable isotope data. <i>Ore Geology Reviews</i> , 2016, 78, 606-622.	2.7	32
78	Retrogression by deep infiltration of meteoric fluids into thrust zones during late-orogenic rapid unroofing. <i>Journal of Metamorphic Geology</i> , 2000, 18, 307-318..	3.4	31
79	Fluids in early stage hydrothermal alteration of high-sulfidation epithermal systems: A view from the Vulcano active hydrothermal system (Aeolian Island, Italy). <i>Journal of Volcanology and Geothermal Research</i> , 2007, 166, 76-90.	2.1	31
80	Carbonate cements in Miller field of the UK North Sea: a natural analog for mineral trapping in CO ₂ geological storage. <i>Environmental Earth Sciences</i> , 2011, 62, 507-517.	2.7	31
81	Delineating sources of groundwater recharge in an arsenic-affected Holocene aquifer in Cambodia using stable isotope-based mixing models. <i>Journal of Hydrology</i> , 2018, 557, 321-334.	5.4	31
82	A NEW FOSSIL VENT BIOTA IN THE BALLYNOE BARITE DEPOSIT, SILVERMINES, IRELAND: EVIDENCE FOR INTRACRATONIC SEA-FLOOR HYDROTHERMAL ACTIVITY ABOUT 352 Ma. <i>Economic Geology</i> , 2003, 98, 649-656.	3.8	31
83	Laser microprobe stable isotope measurements on geological materials: Some experimental considerations (with special reference to ³⁴ S in sulphides). <i>Chemical Geology: Isotope Geoscience Section</i> , 1992, 101, 53-61.	0.6	30
84	Gold-Silver vein mineralization at Tyndrum, Scotland. <i>Mineralogy and Petrology</i> , 1988, 38, 61-76.	1.1	29
85	Deep hydrothermal circulation in a granite intrusion beneath Larderello geothermal area (Italy): constraints from mineralogy, fluid inclusions and stable isotopes. <i>Journal of Volcanology and Geothermal Research</i> , 2003, 126, 243-262.	2.1	29
86	Laser microprobe sulphur isotope analysis of arsenopyrite: experimental calibration and application to the Boliden Au-Cu-As massive sulphide deposit. <i>Ore Geology Reviews</i> , 2004, 25, 311-325.	2.7	29
87	The Massawa gold deposit, Eastern Senegal, West Africa: an orogenic gold deposit sourced from magmatically derived fluids?. <i>Geological Society Special Publication</i> , 2015, 393, 135-160.	1.3	29
88	Geological setting and timing of the world-class Sn, Nb-Ta and Li mineralization of Manono-Kitotolo (Katanga, Democratic Republic of Congo). <i>Ore Geology Reviews</i> , 2016, 72, 373-390.	2.7	29
89	Effects of magmatic volatile influx in mafic VMS hydrothermal systems: Evidence from the Troodos ophiolite, Cyprus. <i>Chemical Geology</i> , 2020, 531, 119325.	3.3	29
90	On the occurrence and wider implications of anomalously low ¹⁸ O fluids in quartz veins, South Cornwall, England. <i>Chemical Geology</i> , 1999, 160, 161-173.	3.3	28

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91	High arsenic concentrations and enriched sulfur and oxygen isotopes in a fractured-bedrock ground-water system. <i>Chemical Geology</i> , 2007, 242, 385-399.	3.3	28
92	High selenium in the Carboniferous Coal Measures of Northumberland, North East England. <i>International Journal of Coal Geology</i> , 2018, 195, 61-74.	5.0	28
93	Petrographic, fluid inclusion and isotopic study of the Dikulushi Cu–Ag deposit, Katanga (D.R.C.): implications for exploration. <i>Mineralium Deposita</i> , 2009, 44, 505-522.	4.1	27
94	The nature and genesis of marginal Cu–PGE–Au sulphide mineralisation in Paleogene Macrodykes of the Kangerlussuaq region, East Greenland. <i>Mineralium Deposita</i> , 2012, 47, 3-21.	4.1	27
95	Remobilisation features and structural control on ore grade distribution at the Konkola stratiform Cu–Co ore deposit, Zambia. <i>Journal of African Earth Sciences</i> , 2013, 79, 10-23.	2.0	27
96	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. <i>Ore Geology Reviews</i> , 2017, 89, 1058-1090.	2.7	27
97	Continental basinal origin of ore fluids from southwestern Massif central fluorite veins (Albigeois), Tj ETQq1 1 0.784314 rgBT /Overlook 447-458.	3.0	26
98	Title is missing!. <i>Water, Air, and Soil Pollution</i> , 2001, 127, 193-204.	2.4	26
99	Metamorphic and basin fluids in quartz-carbonate-sulphide veins in the SW Scottish Highlands: a stable isotope and fluid inclusion study. <i>Geofluids</i> , 2004, 4, 169-185.	0.7	25
100	Hydrological investigation of a multi-stratified pit lake using radioactive and stable isotopes combined with hydrometric monitoring. <i>Journal of Hydrology</i> , 2014, 511, 494-508.	5.4	25
101	The influence of climate on early and burial diagenesis of Triassic and Jurassic sandstones from the Norwegian–Danish Basin. <i>Depositional Record</i> , 2017, 3, 60-91.	1.7	25
102	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
103	Stable isotope and geochronological study of the Mawchi Sn-W deposit, Myanmar: Implications for timing of mineralization and ore genesis. <i>Ore Geology Reviews</i> , 2018, 95, 663-679.	2.7	25
104	Sulphur isotopes of alkaline magmas unlock long-term records of crustal recycling on Earth. <i>Nature Communications</i> , 2019, 10, 4208.	12.8	25
105	Dual in-aquifer and near surface processes drive arsenic mobilization in Cambodian groundwaters. <i>Science of the Total Environment</i> , 2019, 659, 699-714.	8.0	25
106	EVOLUTION OF SULFIDE MINERALIZATION IN FERROCARBONATITE, SWARTBOOISDRIF, NORTHWESTERN NAMIBIA: CONSTRAINTS FROM MINERAL COMPOSITIONS AND SULFUR ISOTOPES. <i>Canadian Mineralogist</i> , 2006, 44, 877-894.	1.0	24
107	Heavy metal, sex and granites: Crustal differentiation and bioavailability in the mid-Proterozoic. <i>Geology</i> , 2012, 40, 751-754.	4.4	24
108	The inherent tracer fingerprint of captured CO ₂ . <i>International Journal of Greenhouse Gas Control</i> , 2017, 65, 40-54.	4.6	24

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109	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
110	Controls on the formation of stratabound dolostone bodies, Hammam Faraun Fault block, Gulf of Suez. <i>Sedimentology</i> , 2018, 65, 1973-2002.	3.1	24
111	Rhenium Enrichment in the Muratdere Cu-Mo (Au-Re) Porphyry Deposit, Turkey: Evidence from Stable Isotope Analyses ($\delta^{34}\text{S}$, $\delta^{18}\text{O}$, δ^{D}) and Laser Ablation-Inductively Coupled Plasma-Mass Spectrometry Analysis of Sulfides. <i>Economic Geology</i> , 2019, 114, 1443-1466.	3.8	24
112	Sulphur isotopes in a metamorphogenic gold deposit, Macraes mine, Otago Schist, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 1995, 38, 131-136.	1.8	23
113	Follow the methane: the search for a deep biosphere, and the case for sampling serpentinites, on Mars. <i>International Journal of Astrobiology</i> , 2010, 9, 193-200.	1.6	23
114	Fluid inclusion and stable isotope studies of the Mesloulia Pb-Zn-Ba ore deposit, NE Algeria: Characteristics and origin of the mineralizing fluids. <i>Journal of African Earth Sciences</i> , 2016, 121, 119-135.	2.0	23
115	No significant boron in the hydrated mantle of most subducting slabs. <i>Nature Communications</i> , 2018, 9, 4602.	12.8	23
116	Regional-scale paleofluid system across the Tuscan Nappe "Umbria" Marche Apennine Ridge (northern) Tj ETQq0 0 0 rgBT /Overlock Earth, 2020, 11, 1617-1641.	2.8	23
117	A sulphur isotope study on selected Caledonian granites of Britain and Ireland. <i>Geological Journal</i> , 1990, 25, 359-369.	1.3	22
118	Isotopic evidence of the depositional environment of Late Proterozoic stratiform barite mineralisation, Aberfeldy, Scotland. <i>Chemical Geology: Isotope Geoscience Section</i> , 1991, 87, 99-114.	0.6	22
119	Stable isotope study of the igneous, metamorphic and mineralized rocks of the Edough complex, Annaba, Northeast Algeria. <i>Journal of African Earth Sciences</i> , 2002, 35, 271-283.	2.0	22
120	Temporal association of arc-continent collision, progressive magma contamination in arc volcanism and formation of gold-rich massive sulphide deposits on Wetar Island (Banda arc). <i>Gondwana Research</i> , 2011, 19, 583-593.	6.0	22
121	Tracing the migration of mantle CO ₂ in gas fields and mineral water springs in south-east Australia using noble gas and stable isotopes. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 259, 109-128.	3.9	22
122	Regional Fluid Flow and Gold Mineralization in the Dalradian of the Sperrin Mountains, Northern Ireland. <i>Economic Geology</i> , 2000, 95, 1389-1416.	3.8	22
123	Controls on kaolinite and dickite distribution, Highland Boundary Fault Zone, Scotland and Northern Ireland. <i>Journal of the Geological Society</i> , 2000, 157, 635-640.	2.1	21
124	DURATION OF MAGMATIC, HYDROTHERMAL, AND SUPERGENE ACTIVITY AT CERRO RICO DE POTOSI, BOLIVIA. <i>Economic Geology</i> , 2005, 100, 1647-1656.	3.8	21
125	Barite-pyrite mineralization of the Wiesbaden thermal spring system, Germany: a 500-kyr record of geochemical evolution. <i>Geofluids</i> , 2005, 5, 124-139.	0.7	21
126	Fluid-rock interaction during formation of metamorphic quartz veins: A REE and stable isotope study from the Rhenish Massif, Germany. <i>Numerische Mathematik</i> , 2010, 310, 645-682.	1.4	21

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127	Chloride waters of Great Britain revisited: from subsea formation waters to onshore geothermal fluids. <i>Proceedings of the Geologists Association</i> , 2015, 126, 453-465.	1.1	21
128	Groundwater table fluctuations recorded in zonation of microbial siderites from end-Triassic strata. <i>Sedimentary Geology</i> , 2016, 342, 47-65.	2.1	21
129	Origin and geodynamic setting of Late Cenozoic granitoids in Sulawesi, Indonesia. <i>Journal of Asian Earth Sciences</i> , 2016, 124, 102-125.	2.3	21
130	Preliminary investigation on temperature, chemistry and isotopes of mine water pumped in Bytom geological basin (USCB Poland) as a potential geothermal energy source. <i>International Journal of Coal Geology</i> , 2016, 164, 104-114.	5.0	21
131	Mobilisation of arsenic, selenium and uranium from Carboniferous black shales in west Ireland. <i>Applied Geochemistry</i> , 2019, 109, 104401.	3.0	21
132	Indicators of hot fluid migration in sedimentary basins: evidence from the UK Atlantic Margin. <i>Petroleum Geoscience</i> , 2003, 9, 357-374.	1.5	21
133	Iron sulphides in metasediments: Isotopic support for a retrogressive pyrrhotite to pyrite reaction. <i>Chemical Geology: Isotope Geoscience Section</i> , 1987, 65, 305-310.	0.6	20
134	Structural controls on non fabric-selective dolomitization within rift-related basin-bounding normal fault systems: Insights from the Hammam Faraun Fault, Gulf of Suez, Egypt. <i>Basin Research</i> , 2018, 30, 990-1014.	2.7	20
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