

# Colin J R Braithwaite

## List of Publications by Year in descending order

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35  
papers

1,335  
citations

394421

19  
h-index

414414

32  
g-index

37  
all docs

37  
docs citations

37  
times ranked

1457  
citing authors

#	ARTICLE	IF	CITATIONS
1	Late glacial to post glacial sea levels in the Western Indian Ocean. <i>Marine Geology</i> , 2004, 206, 119-146.	2.1	249
2	Magma-mixing in the genesis of Hercynian calc-alkaline granitoids: an integrated petrographic and geochemical study of the Sázava intrusion, Central Bohemian Pluton, Czech Republic. <i>Lithos</i> , 2004, 78, 67-99.	1.4	224
3	Low-pressure Granulites of the Lišov Massif, Southern Bohemia: Viséan Metamorphism of Late Devonian Plutonic Arc Rocks. <i>Journal of Petrology</i> , 2006, 47, 705-744.	2.8	98
4	Magmatic zoning in apatite: a monitor of porosity and permeability change in granites. <i>Contributions To Mineralogy and Petrology</i> , 2003, 145, 568-577.	3.1	68
5	The geometry and petrogenesis of dolomite hydrocarbon reservoirs: introduction. <i>Geological Society Special Publication</i> , 2004, 235, 1-6.	1.3	68
6	Settling behaviour related to sieve analysis of skeletal sands. <i>Sedimentology</i> , 1973, 20, 251-262.	3.1	67
7	Living hydromagnesite stromatolites from Turkey. <i>Sedimentary Geology</i> , 1994, 92, 1-5.	2.1	67
8	The Great Barrier Reef: The Chronological Record from a New Borehole. <i>Journal of Sedimentary Research</i> , 2004, 74, 298-310.	1.6	56
9	Crustacean burrows in the Seychelles, Indian Ocean. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1972, 11, 265-285.	2.3	55
10	The geometry and petrogenesis of hydrothermal dolomites at Navan, Ireland. <i>Sedimentology</i> , 1997, 44, 421-440.	3.1	55
11	Patterns of accretion of reefs in the Sudanese Red Sea. <i>Marine Geology</i> , 1982, 45, 297-325.	2.1	40
12	Recent stromatolites in landlocked pools on Aldabra, Western Indian ocean. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1989, 69, 145-165.	2.3	31
13	Stylolites as open fluid conduits. <i>Marine and Petroleum Geology</i> , 1989, 6, 93-96.	3.3	27
14	The Great Barrier Reef: a 7000-year diagenetic history. <i>Sedimentology</i> , 2009, 56, 1591-1622.	3.1	27
15	Postglacial Fringing-Reef to Barrier-Reef conversion on Tahiti links Darwin's reef types. <i>Scientific Reports</i> , 2014, 4, 4997.	3.3	26
16	Coral-reef records of Quaternary changes in climate and sea-level. <i>Earth-Science Reviews</i> , 2016, 156, 137-154.	9.1	25
17	Diagenesis and sea-level change: lessons from Moruroa, French Polynesia. <i>Sedimentology</i> , 2011, 58, 259-284.	3.1	23
18	Gypsum and halite associated with the cyanobacterium <i>Entophysalis</i> . <i>Geomicrobiology Journal</i> , 1987, 5, 43-55.	2.0	21

#	ARTICLE	IF	CITATIONS
19	Bivalves with 'concrete overcoats': Granicorium and Samarangia. <i>Acta Zoologica</i> , 1999, 80, 285-300.	0.8	21
20	Progress in understanding reef structure. <i>Progress in Physical Geography</i> , 1982, 6, 505-523.	3.2	14
21	Microstructural and mineralogical evidence for limited involvement of magma mixing in the petrogenesis of a Hercynian high-K calc-alkaline intrusion: the Kozalovice granodiorite, Central Bohemian Pluton, Czech Republic. , 2000, , .		14
22	GEOCHEMISTRY, ISOTOPIC COMPOSITION AND ORIGIN OF THE BEDA DOLOMITES, BLOCK NC74F, SW SIRT BASIN, LIBYA. <i>Journal of Petroleum Geology</i> , 1996, 19, 289-304.	1.5	9
23	Cathodoluminescence in Quaternary carbonate deposits. <i>Sedimentary Geology</i> , 2016, 337, 29-35.	2.1	9
24	Sabellarids: a hidden danger or an aid to subsea pipelines?. <i>Quarterly Journal of Engineering Geology and Hydrogeology</i> , 2006, 39, 259-265.	1.4	8
25	Reef talus: A popular misconception. <i>Earth-Science Reviews</i> , 2014, 128, 169-180.	9.1	6
26	The giant tortoise, <i>Aldabrachelys</i> , and its bearing on the biogeography and dispersal of terrestrial biota in the Western Indian Ocean. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 461, 449-459.	2.3	6
27	Last Interglacial changes in sea level on Aldabra, western Indian Ocean. <i>Sedimentology</i> , 2020, 67, 3236-3258.	3.1	5
28	Penecontemporaneous weathering of the Old Red Sandstone of the Midland Valley of Scotland. <i>Scottish Journal of Geology</i> , 1977, 13, 305-312.	0.1	4
29	Heavy mineral distribution in the Old Red Sandstone of the North-Eastern Midland Valley of Scotland. <i>Scottish Journal of Geology</i> , 1978, 14, 273-288.	0.1	4
30	Transactions and neglected data. <i>Scottish Journal of Geology</i> , 2011, 47, 179-188.	0.1	3
31	Alkali-activated carbonate reactions and dedolomitization™ in concrete: silica, the elephant in the corner. <i>Quarterly Journal of Engineering Geology and Hydrogeology</i> , 2013, 46, 351-360.	1.4	3
32	Cyclic emersion surfaces and channels within Dinantian limestones hosting the giant Navan Zn-Pb deposit, Ireland. <i>Geological Society Special Publication</i> , 1996, 107, 207-219.	1.3	1
33	A novel indicator of vibration damage in concrete. <i>Quarterly Journal of Engineering Geology and Hydrogeology</i> , 2015, 48, 163-166.	1.4	1
34	The origins and growth of Recent reefs. <i>Geology Today</i> , 1987, 3, 16-21.	0.9	0
35	Alice, aggregates and tax: muddy waters. <i>Quarterly Journal of Engineering Geology and Hydrogeology</i> , 2015, 48, 244-247.	1.4	0