

Quentin G Crowley

List of Publications by Year in descending order

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70
papers

2,802
citations

136950

32
h-index

175258

52
g-index

70
all docs

70
docs citations

70
times ranked

2751
citing authors

#	ARTICLE	IF	CITATIONS
1	A-type granite and adakitic magmatism association in Songpan-Garze fold belt, eastern Tibetan Plateau: Implication for lithospheric delamination. <i>Lithos</i> , 2007, 97, 323-335.	1.4	189
2	Palaeozoic amalgamation of Central Europe: new results from recent geological and geophysical investigations. <i>Tectonophysics</i> , 2002, 360, 5-21.	2.2	186
3	Defining the southern margin of Avalonia in the Pontides: Geochronological data from the Late Proterozoic and Ordovician granitoids from NW Turkey. <i>Tectonophysics</i> , 2008, 461, 252-264.	2.2	128
4	Early Palaeozoic rift-related magmatism in Variscan Europe: fragmentation of the Armorican Terrane Assemblage. <i>Terra Nova</i> , 2000, 12, 171-180.	2.1	126
5	Lu-Hf geochronology and trace element distribution in garnet: Implications for uplift and exhumation of ultra-high pressure granulites in the Sudetes, SW Poland. <i>Lithos</i> , 2007, 95, 363-380.	1.4	119
6	Oxygenation of the Archean atmosphere: New paleosol constraints from eastern India. <i>Geology</i> , 2014, 42, 923-926.	4.4	102
7	A comparison of sampling methods for seawater microplastics and a first report of the microplastic litter in coastal waters of Ascension and Falkland Islands. <i>Marine Pollution Bulletin</i> , 2018, 137, 695-701.	5.0	101
8	Granites of the Southern Mongolia Carboniferous Arc: New geochronological and geochemical constraints. <i>Lithos</i> , 2010, 116, 35-52.	1.4	90
9	Timing and kinematics of Eburnean tectonics in the central Reguibat Shield, Mauritania. <i>Journal of the Geological Society</i> , 2006, 163, 549-560.	2.1	86
10	A high-precision U-Pb age constraint on the Rhynie Chert Konservat-Lagerstätte: time scale and other implications. <i>Journal of the Geological Society</i> , 2011, 168, 863-872.	2.1	85
11	U-Pb zircon ages for Yarlung Tsangpo suture zone ophiolites, southwestern Tibet and their tectonic implications. <i>Gondwana Research</i> , 2015, 27, 719-732.	6.0	85
12	Timing, relations and cause of plutonic and volcanic activity of the Siluro-Devonian post-collision magmatic episode in the Grampian Terrane, Scotland. <i>Journal of the Geological Society</i> , 2009, 166, 545-561.	2.1	80
13	Architecture of the Oman-UAE ophiolite: evidence for a multi-phase magmatic history. <i>Arabian Journal of Geosciences</i> , 2010, 3, 439-458.	1.3	72
14	Probing the basement of southern Tibet: evidence from crustal xenoliths entrained in a Miocene ultrapotassic dyke. <i>Journal of the Geological Society</i> , 2009, 166, 45-52.	2.1	61
15	New high-precision U-Pb dates from western European Carboniferous tuffs; implications for time scale calibration, the periodicity of late Carboniferous cycles and stratigraphical correlation. <i>Journal of the Geological Society</i> , 2012, 169, 713-721.	2.1	58
16	Ganderia-Laurentia collision in the Caledonides of Great Britain and Ireland. <i>Journal of the Geological Society</i> , 2014, 171, 555-569.	2.1	58
17	Review of geochemical variation in Lower Palaeozoic metabasites from the NE Bohemian Massif: intracratonic rifting and plume-ridge interaction. <i>Geological Society Special Publication</i> , 2000, 179, 155-174.	1.3	55
18	Chemical abrasion applied to SHRIMP zircon geochronology: An example from the Variscan Karkonosze Granite (Sudetes, SW Poland). <i>Gondwana Research</i> , 2012, 21, 757-767.	6.0	55

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19	The tectonothermal evolution and provenance of the Tyrone Central Inlier, Ireland: Grampian imbrication of an outboard Laurentian microcontinent?. <i>Journal of the Geological Society</i> , 2008, 165, 675-685.	2.1	52
20	The Oyut Ulaan Volcanic Group: stratigraphy, magmatic evolution and timing of Carboniferous arc development in SE Mongolia. <i>Journal of the Geological Society</i> , 2010, 167, 491-509.	2.1	49
21	Age constraints and geochemistry of the Ordovician Tyrone Igneous Complex, Northern Ireland: implications for the Grampian orogeny. <i>Journal of the Geological Society</i> , 2011, 168, 837-850.	2.1	49
22	A structural model for the western-central Sudetes: a deformed stack of Variscan thrust sheets. <i>Journal of the Geological Society</i> , 2000, 157, 1155-1167.	2.1	48
23	Two Mesoarchaean terranes in the Reguibat shield of NW Mauritania. <i>Geological Society Special Publication</i> , 2008, 297, 33-52.	1.3	45
24	Litho-geochemistry, geochronology and geodynamic setting of the Lupa Terrane, Tanzania: Implications for the extent of the Archean Tanzanian Craton. <i>Precambrian Research</i> , 2013, 231, 174-193.	2.7	45
25	New U-Pb age constraints for the Laxford Shear Zone, NW Scotland: Evidence for tectono-magmatic processes associated with the formation of a Paleoproterozoic supercontinent. <i>Precambrian Research</i> , 2013, 233, 1-19.	2.7	44
26	Lattice distortion in a zircon population and its effects on trace element mobility and U-Th-Pb isotope systematics: examples from the Lewisian Gneiss Complex, northwest Scotland. <i>Contributions To Mineralogy and Petrology</i> , 2013, 166, 21-41.	3.1	40
27	Estimation of residential radon exposure and definition of Radon Priority Areas based on expected lung cancer incidence. <i>Environment International</i> , 2018, 114, 69-76.	10.0	40
28	Development of a Geogenic Radon Hazard Index—Concept, History, Experiences. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 4134.	2.6	40
29	Chemical Abrasion Applied to LA-ICP-MS U-Th-Pb Zircon Geochronology. <i>Minerals (Basel, Switzerland)</i> , 2014, 4, 503-518.	2.0	39
30	The North Pennine batholith (Weardale Granite) of northern England: new data on its age and form. <i>Proceedings of the Yorkshire Geological Society</i> , 2010, 58, 107-128.	0.3	38
31	New age constraints for the Ordovician Tyrone Volcanic Group, Northern Ireland. <i>Journal of the Geological Society</i> , 2008, 165, 333-339.	2.1	36
32	Detrital zircon provenance and Ordovician terrane amalgamation, western Ireland. <i>Journal of the Geological Society</i> , 2009, 166, 473-484.	2.1	36
33	Time series analysis of soil radon in Northern Pakistan: Implications for earthquake forecasting. <i>Applied Geochemistry</i> , 2018, 97, 197-208.	3.0	33
34	⁸⁷ Sr/ ⁸⁶ Sr and trace element mapping of geosphere-hydrosphere-biosphere interactions: A case study in Ireland. <i>Applied Geochemistry</i> , 2018, 92, 209-224.	3.0	31
35	Deciphering the geochronology of a large granitoid pluton (Karkonosze Granite, SW Poland): an assessment of U-Th-Pb zircon SIMS and Rb-Sr whole-rock dates relative to U-Th-Pb zircon CA-ID-TIMS. <i>International Geology Review</i> , 2014, 56, 756-782.	2.1	28
36	High-precision U-Th-Pb dating of complex zircon from the Lewisian Gneiss Complex of Scotland using an incremental CA-ID-TIMS approach. <i>Gondwana Research</i> , 2015, 27, 1381-1391.	6.0	28

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37	U–Pb zircon constraints on obduction initiation of the Unst Ophiolite: an oceanic core complex in the Scottish Caledonides?. <i>Journal of the Geological Society</i> , 2015, 172, 279-282.	2.1	26
38	The Laxford Shear Zone: an end-Archaeon terrane boundary?. <i>Geological Society Special Publication</i> , 2010, 335, 103-120.	1.3	24
39	Åslå™Å¼a Ophiolite: geochemical features and relationship to Lower Palaeozoic rift magmatism in the Bohemian Massif. <i>Geological Society Special Publication</i> , 2002, 201, 197-215.	1.3	23
40	Temperature–time evolution of the Assynt Terrane of the Lewisian Gneiss Complex of Northwest Scotland from zircon U–Pb dating and Ti thermometry. <i>Precambrian Research</i> , 2015, 260, 55-75.	2.7	21
41	No Exploits back-arc basin in the Iapetus suture zone of Ireland. <i>Journal of the Geological Society</i> , 2015, 172, 740-747.	2.1	17
42	Chalky versus foliated: a discriminant immunogold labelling of shell microstructures in the edible oyster <i>Crassostrea gigas</i> . <i>Marine Biology</i> , 2016, 163, 1.	1.5	17
43	New perspectives on the order and style of granite emplacement in the Galway Batholith, western Ireland. <i>Geological Magazine</i> , 1997, 134, 539-548.	1.5	16
44	Laurentian origin of the Ordovician Grangegeeth volcanic arc terrane, Ireland. <i>Journal of the Geological Society</i> , 2010, 167, 469-474.	2.1	16
45	The MariÅ¼nskÅ©-LÅ¼znÅ» Complex, NW Bohemian Massif: development and destruction of an early Palaeozoic seaway. <i>Geological Society Special Publication</i> , 2002, 201, 177-195.	1.3	14
46	Reply to Discussion on ‘A high-precision U–Pb age constraint on the Rhynie Chert Konservat-Lagerstätte: time scale and other implications’. <i>Journal of the Geological Society</i> , 2013, 170, 703-706.	2.1	14
47	A U–Pb age for the Late Caledonian Sperrin Mountains minor intrusions suite in the north of Ireland: timing of slab break-off in the Grampian terrane and the significance of deep-seated, crustal lineaments. <i>Journal of the Geological Society</i> , 2013, 170, 603-614.	2.1	14
48	Detrital zircon <sc>U–Pb LA–ICPMS</sc> ages from the Kolhan Group, Singhbhum Craton, eastern India: Implications for terminal Mesoproterozoic palaeogeography between Columbia and Rodinia along the Central Indian Tectonic Zone. <i>Geological Journal</i> , 2021, 56, 60-78.	1.3	14
49	The AlmacÅ¼k mafic-ultramafic complex: exhumed Sakarya subcrustal mantle adjacent to the Å°stanbul Zone, NW Turkey. <i>Geological Magazine</i> , 2013, 150, 254-282.	1.5	13
50	The Witputs diamictite in southern Namibia and associated rocks: constraints for a global glaciation?. <i>International Journal of Earth Sciences</i> , 2011, 100, 511-526.	1.8	12
51	Basic volcanism contemporaneous with the Sturtian glacial episode in NE Scotland. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 2009, 100, 399-415.	0.3	11
52	Sediment provenance and tectonics on the Laurentian margin: implications of detrital zircons ages from the Central Belt of the Southern Uplands–Down–Longford Terrane in Co. Monaghan, Ireland. <i>Scottish Journal of Geology</i> , 2016, 52, 11-17.	0.1	10
53	A Study of Natural Radioactivity Levels and Radon/Thoron Release Potential of Bedrock and Soil in Southeastern Ireland. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2709.	2.6	10
54	Early medieval reliance on the land and the local: An integrated multi-isotope study (87Sr/86Sr, $\delta^{18}O$, $\delta^{13}C$) of BT/Overlock 10 T	2.4	9

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55	Reply to the comment by Zhang et al. on: "First finding of A-type and adakitic magmatism association in Songpan-Garze fold belt, eastern Tibetan Plateau: Implication for lithospheric delamination". <i>Lithos</i> , 2008, 103, 565-568.	1.4	8
56	Potential seasonal calibration for palaeoenvironmental reconstruction using skeletal microstructures and strontium measurements from the cold-water coral <i>Lophelia pertusa</i> . <i>Journal of Quaternary Science</i> , 2014, 29, 803-814.	2.1	8
57	The Tasiast deposit, Mauritania. <i>Ore Geology Reviews</i> , 2016, 78, 564-572.	2.7	8
58	Palaeozoic terrane amalgamation in Central Europe: a REE and Sm-Nd isotope study of the pre-Variscan basement, NE Bohemian Massif. <i>Geological Society Special Publication</i> , 2002, 201, 157-176.	1.3	7
59	Multi-scale crystallographic ordering in the cold-water coral <i>Lophelia pertusa</i> . <i>Scientific Reports</i> , 2017, 7, 8987.	3.3	7
60	Shallow sampling by multi-shot laser ablation and its application within U-Pb zircon geochronology. <i>Chemical Geology</i> , 2020, 544, 119568.	3.3	6
61	A Toba-scale eruption in the Early Miocene: The Semilir eruption, East Java, Indonesia. <i>Lithos</i> , 2011, 126, 198-211.	1.4	5
62	Paleoproterozoic tectonic assembly of the western Canadian shield: New findings and implications for the reconstruction of Laurentia/Nuna. <i>Precambrian Research</i> , 2013, 232, 1-3.	2.7	4
63	AERYN: A simple standalone application for visualizing and enhancing elemental maps. <i>Applied Geochemistry</i> , 2016, 75, 44-53.	3.0	4
64	Detrital zircon provenance of Triassic sandstone of the Algarve Basin (SW Iberia): evidence of Gondwanan- and Laurussian-type sources of sediment. <i>Geological Magazine</i> , 2021, 158, 311-329.	1.5	4
65	Application of airborne radiometric surveys for large-scale geogenic radon potential classification. <i>Journal of the European Radon Association</i> , 0, , .	0.0	2
66	Reply to Discussion on "No Exploits back-arc basin in the Iapetus suture zone of Ireland", <i>Journal of the Geological Society</i> , London, 172, 740-747. <i>Journal of the Geological Society</i> , 2017, 174, 791-792.	2.1	1
67	Comment on "Detrital U-Pb zircon dating of lower Ordovician syn-arc-continent collision conglomerates in the Irish Caledonides" by Peter D. Clift, Andrew Carter, Amy E. Draut, Hoang Van Long, David M. Chew, Hans A. Schouten, <i>Tectonophysics</i> 479 (2009), 165-174 (doi:10.1016/j.tecto.2008.07.018). <i>Tectonophysics</i> , 2010, 490, 136-137.	2.2	0
68	Erratum for Cooper et al., <i>Journal of the Geological Society</i> , London, 168 (4) 837-850. <i>Journal of the Geological Society</i> , 2011, 168, 1229-1229.	2.1	0
69	Oxygenation of the Archean atmosphere: New paleosol constraints from eastern India: REPLY. <i>Geology</i> , 2015, 43, e367-e367.	4.4	0
70	Investigating post-depositional alteration of trace elements in fish scales using tagged and recaptured wild salmon. <i>Fisheries Research</i> , 2022, 248, 106207.	1.7	0