Quentin G Crowley

List of Publications by Year
in descending order

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Version: 2024-02-01

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	Investigating post-depositional alteration of trace elements in fish scales using tagged and recaptured wild salmon. Fisheries Research, 2022, 248, 106207.	1.7	0
2	Detrital zircon provenance of Triassic sandstone of the Algarve Basin (SW Iberia): evidence of Gondwanan- and Laurussian-type sources of sediment. Geological Magazine, 2021, 158, 311-329.	1.5	4
3	Detrital zircon <scp>Uâ€“Pb LAâ€ICPMS</scp> ages from the Kolhan Group, Singhbhum Craton, eastern India: Implications for terminal Mesoproterozoic palaeogeography between Columbia and Rodinia along the Central Indian Tectonic Zone. Geological Journal, 2021, 56, 60-78.	1.3	14
4	A Study of Natural Radioactivity Levels and Radon/Thoron Release Potential of Bedrock and Soil in Southeastern Ireland. International Journal of Environmental Research and Public Health, 2021, 18, 2709.	2.6	10
5	Shallow sampling by multi-shot laser ablation and its application within U-Pb zircon geochronology. Chemical Geology, 2020, 544, 119568.	3.3	6
6	Development of a Geogenic Radon Hazard Indexâ€”Concept, History, Experiences. International Journal of Environmental Research and Public Health, 2020, 17, 4134.	2.6	40
7	Estimation of residential radon exposure and definition of Radon Priority Areas based on expected lung cancer incidence. Environment International, 2018, 114, 69-76.	10.0	40
8	87Sr/86Sr and trace element mapping of geosphere-hydrosphere-biosphere interactions: A case study in Ireland. Applied Geochemistry, 2018, 92, 209-224.	3.0	31
9	A comparison of sampling methods for seawater microplastics and a first report of the microplastic litter in coastal waters of Ascension and Falkland Islands. Marine Pollution Bulletin, 2018, 137, 695-701.	5.0	101
10	Time series analysis of soil radon in Northern Pakistan: Implications for earthquake forecasting. Applied Geochemistry, 2018, 97, 197-208.	3.0	33
11	Early medieval reliance on the land and the local: An integrated multi-isotope study (87Sr/86Sr, Î´18O,) Tj ETQq1 1 0.784314 rgBT /Over	2.4	9
12	Multi-scale crystallographic ordering in the cold-water coral Lophelia pertusa. Scientific Reports, 2017, 7, 8987.	3.3	7
13	Reply to Discussion on â€˜No Exploits back-arc basin in the Iapetus suture zone of Irelandâ€™, Journal of the Geological Society, London, 172, 740â€“747. Journal of the Geological Society, 2017, 174, 791-792.	2.1	1
14	AERYN: A simple standalone application for visualizing and enhancing elemental maps. Applied Geochemistry, 2016, 75, 44-53.	3.0	4
15	Sediment provenance and tectonics on the Laurentian margin: implications of detrital zircons ages from the Central Belt of the Southern Uplandsâ€“Downâ€“Longford Terrane in Co. Monaghan, Ireland. Scottish Journal of Geology, 2016, 52, 11-17.	0.1	10
16	Chalky versus foliated: a discriminant immunogold labelling of shell microstructures in the edible oyster Crassostrea gigas. Marine Biology, 2016, 163, 1.	1.5	17
17	The Tasiast deposit, Mauritania. Ore Geology Reviews, 2016, 78, 564-572.	2.7	8
18	Oxygenation of the Archean atmosphere: New paleosol constraints from eastern India: REPLY. Geology, 2015, 43, e367-e367.	4.4	0

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19	Temperatureâ€“time evolution of the Assynt Terrane of the Lewisian Gneiss Complex of Northwest Scotland from zircon U-Pb dating and Ti thermometry. Precambrian Research, 2015, 260, 55-75.	2.7	21
20	Uâ€“Pb zircon constraints on obduction initiation of the Unst Ophiolite: an oceanic core complex in the Scottish Caledonides?. Journal of the Geological Society, 2015, 172, 279-282.	2.1	26
21	No Exploits back-arc basin in the Iapetus suture zone of Ireland. Journal of the Geological Society, 2015, 172, 740-747.	2.1	17
22	High-precision Uâ€“Pb dating of complex zircon from the Lewisian Gneiss Complex of Scotland using an incremental CA-ID-TIMS approach. Gondwana Research, 2015, 27, 1381-1391.	6.0	28
23	Uâ€“Pb zircon ages for Yarlung Tsangpo suture zone ophiolites, southwestern Tibet and their tectonic implications. Gondwana Research, 2015, 27, 719-732.	6.0	85
24	Ganderiaâ€“Laurentia collision in the Caledonides of Great Britain and Ireland. Journal of the Geological Society, 2014, 171, 555-569.	2.1	58
25	Potential seasonal calibration for palaeoenvironmental reconstruction using skeletal microstructures and strontium measurements from the coldâ€water coral Lophelia pertusa. Journal of Quaternary Science, 2014, 29, 803-814.	2.1	8
26	Chemical Abrasion Applied to LA-ICP-MS Uâ€“Pb Zircon Geochronology. Minerals (Basel, Switzerland), 2014, 4, 503-518.	2.0	39
27	Deciphering the geochronology of a large granitoid pluton (Karkonosze Granite, SW Poland): an assessment of Uâ€“Pb zircon SIMS and Rbâ€“Sr whole-rock dates relative to Uâ€“Pb zircon CA-ID-TIMS. International Geology Review, 2014, 56, 756-782.	2.1	28
28	Oxygenation of the Archean atmosphere: New paleosol constraints from eastern India. Geology, 2014, 42, 923-926.	4.4	102
29	Paleoproterozoic tectonic assembly of the western Canadian shield: New findings and implications for the reconstruction of Laurentia/Nuna. Precambrian Research, 2013, 232, 1-3.	2.7	4
30	Lithogeochemistry, geochronology and geodynamic setting of the Lupa Terrane, Tanzania: Implications for the extent of the Archean Tanzanian Craton. Precambrian Research, 2013, 231, 174-193.	2.7	45
31	Lattice distortion in a zircon population and its effects on trace element mobility and Uâ€“Thâ€“Pb isotope systematics: examples from the Lewisian Gneiss Complex, northwest Scotland. Contributions To Mineralogy and Petrology, 2013, 166, 21-41.	3.1	40
32	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. Precambrian Research, 2013, 233, 1-19.	2.7	44
33	Reply to Discussion on â€˜A high-precision Uâ€“Pb age constraint on the Rhynie Chert Konservat-LagerstÃtte: time scale and other implicationsâ€™. Journal of the Geological Society, 2013, 170, 703-706.	2.1	14
34	A Uâ€“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. Journal of the Geological Society, 2013, 170, 603-614.	2.1	14
35	The AlmacÄ±k mafic-ultramafic complex: exhumed Sakarya subcrustal mantle adjacent to the Ä°stanbul Zone, NW Turkey. Geological Magazine, 2013, 150, 254-282.	1.5	13
36	New high-precision Uâ€“Pb dates from western European Carboniferous tuffs; implications for time scale calibration, the periodicity of late Carboniferous cycles and stratigraphical correlation. Journal of the Geological Society, 2012, 169, 713-721.	2.1	58

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37	Chemical abrasion applied to SHRIMP zircon geochronology: An example from the Variscan Karkonosze Granite (Sudetes, SW Poland). Gondwana Research, 2012, 21, 757-767.	6.0	55
38	Age constraints and geochemistry of the Ordovician Tyrone Igneous Complex, Northern Ireland: implications for the Grampian orogeny. Journal of the Geological Society, 2011, 168, 837-850.	2.1	49
39	Erratum for Cooper et al., Journal of the Geological Society, London, 168 (4) 837â€“850.. Journal of the Geological Society, 2011, 168, 1229-1229.	2.1	0
40	A Toba-scale eruption in the Early Miocene: The Semilir eruption, East Java, Indonesia. Lithos, 2011, 126, 198-211.	1.4	5
41	The Witputs diamictite in southern Namibia and associated rocks: constraints for a global glaciation?. International Journal of Earth Sciences, 2011, 100, 511-526.	1.8	12
42	A high-precision Uâ€“Pb age constraint on the Rhynie Chert Konservat-LagerstÃtte: time scale and other implications. Journal of the Geological Society, 2011, 168, 863-872.	2.1	85
43	The North Pennine batholith (Weardale Granite) of northern England: new data on its age and form. Proceedings of the Yorkshire Geological Society, 2010, 58, 107-128.	0.3	38
44	Architecture of the Omanâ€“UAE ophiolite: evidence for a multi-phase magmatic history. Arabian Journal of Geosciences, 2010, 3, 439-458.	1.3	72
45	Granites of the Southern Mongolia Carboniferous Arc: New geochronological and geochemical constraints. Lithos, 2010, 116, 35-52.	1.4	90
46	The Laxford Shear Zone: an end-Archaean terrane boundary?. Geological Society Special Publication, 2010, 335, 103-120.	1.3	24
47	Laurentian origin of the Ordovician Grangegeeth volcanic arc terrane, Ireland. Journal of the Geological Society, 2010, 167, 469-474.	2.1	16
48	The Oyut Ulaan Volcanic Group: stratigraphy, magmatic evolution and timing of Carboniferous arc development in SE Mongolia. Journal of the Geological Society, 2010, 167, 491-509.	2.1	49
49	Comment on â€œDetrital Uâ€“Pb zircon dating of lower Ordovician syn-arc-continent collision conglomerates in the Irish Caledonidesâ€•by Peter D. Clift, Andrew Carter, Amy E. Draut, Hoang Van Long, David M. Chew, Hans A. Schouten, Tectonophysics 479 (2009), 165â€“174 (doi:10.1016/j.tecto.2008.07.018). Tectonophysics, 2010, 490, 136-137.	2.2	0
50	Basic volcanism contemporaneous with the Sturtian glacial episode in NE Scotland. Earth and Environmental Science Transactions of the Royal Society of Edinburgh, 2009, 100, 399-415.	0.3	11
51	Detrital zircon provenance and Ordovician terrane amalgamation, western Ireland. Journal of the Geological Society, 2009, 166, 473-484.	2.1	36
52	Probing the basement of southern Tibet: evidence from crustal xenoliths entrained in a Miocene ultrapotassic dyke. Journal of the Geological Society, 2009, 166, 45-52.	2.1	61
53	Timing, relations and cause of plutonic and volcanic activity of the Siluro-Devonian post-collision magmatic episode in the Grampian Terrane, Scotland. Journal of the Geological Society, 2009, 166, 545-561.	2.1	80
54	The tectonothermal evolution and provenance of the Tyrone Central Inlier, Ireland: Grampian imbrication of an outboard Laurentian microcontinent?. Journal of the Geological Society, 2008, 165, 675-685.	2.1	52

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55	Reply to the comment by Zhang et al. on: â€œFirst finding of A-type and adakitic magmatism association in Songpanâ€“Garze fold belt, eastern Tibetan Plateau: Implication for lithospheric delaminationâ€• Lithos, 2008, 103, 565-568.	1.4	8
56	Defining the southern margin of Avalonia in the Pontides: Geochronological data from the Late Proterozoic and Ordovician granitoids from NW Turkey. Tectonophysics, 2008, 461, 252-264.	2.2	128
57	Two Mesoarchaean terranes in the Reguibat shield of NW Mauritania. Geological Society Special Publication, 2008, 297, 33-52.	1.3	45
58	New age constraints for the Ordovician Tyrone Volcanic Group, Northern Ireland. Journal of the Geological Society, 2008, 165, 333-339.	2.1	36
59	Luâ€“Hf geochronology and trace element distribution in garnet: Implications for uplift and exhumation of ultra-high pressure granulites in the Sudetes, SW Poland. Lithos, 2007, 95, 363-380.	1.4	119
60	A-type granite and adakitic magmatism association in Songpanâ€“Garze fold belt, eastern Tibetan Plateau: Implication for lithospheric delamination. Lithos, 2007, 97, 323-335.	1.4	189
61	Timing and kinematics of Eburnean tectonics in the central Reguibat Shield, Mauritania. Journal of the Geological Society, 2006, 163, 549-560.	2.1	86
62	ÅšlÄ™Å¼a Ophiolite: geochemical features and relationship to Lower Palaeozoic rift magmatism in the Bohemian Massif. Geological Society Special Publication, 2002, 201, 197-215.	1.3	23
63	The MariÃ¡nskÃ©-LÃ¡znÄ› Complex, NW Bohemian Massif: development and destruction of an early Palaeozoic seaway. Geological Society Special Publication, 2002, 201, 177-195.	1.3	14
64	Palaeozoic terrane amalgamation in Central Europe: a REE and Sm-Nd isotope study of the pre-Variscan basement, NE Bohemian Massif. Geological Society Special Publication, 2002, 201, 157-176.	1.3	7
65	Palaeozoic amalgamation of Central Europe: new results from recent geological and geophysical investigations. Tectonophysics, 2002, 360, 5-21.	2.2	186
66	A structural model for the western-central Sudetes: a deformed stack of Variscan thrust sheets. Journal of the Geological Society, 2000, 157, 1155-1167.	2.1	48
67	Early Palaeozoic rift-related magmatism in Variscan Europe: fragmentation of the Armorican Terrane Assemblage. Terra Nova, 2000, 12, 171-180.	2.1	126
68	Review of geochemical variation in Lower Palaeozoic metabasites from the NE Bohemian Massif: intracratonic rifting and plume-ridge interaction. Geological Society Special Publication, 2000, 179, 155-174.	1.3	55
69	New perspectives on the order and style of granite emplacement in the Galway Batholith, western Ireland. Geological Magazine, 1997, 134, 539-548.	1.5	16
70	Application of airborne radiometric surveys for large-scale geogenic radon potential classification. Journal of the European Radon Association, 0, , .	0.0	2