Daniel Condon

List of Publications by Year
in descending order

89 papers	12,504 citations	53794 45 h-index	49909 87 g-index
107 all docs	107 docs citations	107 times ranked	8124 citing authors

#	Article	IF	Citations
1	PleÅ¡ovice zircon â€" A new natural reference material for Uâ€"Pb and Hf isotopic microanalysis. Chemical Geology, 2008, 249, 1-35.	3.3	3,858
2	U-Pb Ages from the Neoproterozoic Doushantuo Formation, China. Science, 2005, 308, 95-98.	12.6	1,083
3	Fossil steroids record the appearance of Demospongiae during the Cryogenian period. Nature, 2009, 457, 718-721.	27.8	611
4	Communityâ€Derived Standards for <scp>LA</scp>â€<scp>ICP</scp>â€<scp>MS</scp> Uâ€(Thâ€)Pb Geochronology â€" Uncertainty Propagation, Age Interpretation and Data Reporting. Geostandards and Geoanalytical Research, 2016, 40, 311-332.	3.1	570
5	²³⁸ U/ ²³⁵ U Systematics in Terrestrial Uranium-Bearing Minerals. Science, 2012, 335, 1610-1614.	12.6	542
6	U-Pb zircon date from the Neoproterozoic Ghaub Formation, Namibia: Constraints on Marinoan glaciation. Geology, 2004, 32, 817.	4.4	480
7	Reassessing the uranium decay constants for geochronology using ID-TIMS Uâ€"Pb data. Geochimica Et Cosmochimica Acta, 2006, 70, 426-445.	3.9	406
8	Geochronologic constraints on the chronostratigraphic framework of the Neoproterozoic Huqf Supergroup, Sultanate of Oman. Numerische Mathematik, 2007, 307, 1097-1145.	1.4	358
9	Metrology and traceability of Uâ€"Pb isotope dilution geochronology (EARTHTIME Tracer Calibration) Tj ETQq1 1 0.784314 rgBT /Ove	3.9	323
10	Evaluating uncertainties in the calibration of isotopic reference materials and multi-element isotopic tracers (EARTHTIME Tracer Calibration Part II). Geochimica Et Cosmochimica Acta, 2015, 164, 481-501.	3.9	213
11	A calcite reference material for LAâ€ICPâ€MS Uâ€Pb geochronology. Geochemistry, Geophysics, Geosystems, 2017, 18, 2807-2814.	2.5	213
12	Intercalibration of radioisotopic and astrochronologic time scales for the Cenomanian-Turonian boundary interval, Western Interior Basin, USA. Geology, 2012, 40, 7-10.	4.4	177
13	Temporal constraints on the Paleoproterozoic Lomagundi-Jatuli carbon isotopic event. Geology, 2007, 35, 655.	4.4	146
14	Duration and nature of the end-Cryogenian (Marinoan) glaciation. Geology, 2016, 44, 631-634.	4.4	129
15	Laser ablation inductively coupled plasma mass spectrometry (LA-ICP-MS) Uâ€"Pb carbonate geochronology: strategies, progress, and limitations. Geochronology, 2020, 2, 33-61.	2.5	129
16	Timescales of methane seepage on the Norwegian margin following collapse of the Scandinavian Ice Sheet. Nature Communications, 2016, 7, 11509.	12.8	125
17	Constraints on the numerical age of the Paleocene-Eocene boundary. Geochemistry, Geophysics, Geosystems, 2011, 12, n/a-n/a.	2.5	114
18	Isotopic composition (238U/235U) of some commonly used uranium reference materials. Geochimica Et Cosmochimica Acta, 2010, 74, 7127-7143.	3.9	109

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19	Integrating 40Ar/39Ar, U-Pb, and astronomical clocks in the Cretaceous Niobrara Formation, Western Interior Basin, USA. Bulletin of the Geological Society of America, 2014, 126, 956-973.	3.3	105
20	Neoproterozoic glacial-rainout intervals: Observations and implications. Geology, 2002, 30, 35.	4.4	97
21	A review of temporal constraints for the Palaeoproterozoic large, positive carbonate carbon isotope excursion (the Lomagundiâ€“Jatuli Event). Earth-Science Reviews, 2013, 127, 242-261.	9.1	96
22	Ichnological evidence for meiofaunal bilaterians from the terminal Ediacaran and earliest Cambrian of Brazil. Nature Ecology and Evolution, 2017, 1, 1455-1464.	7.8	95
23	Nature and timing of Late Mississippian to Mid-Pennsylvanian glacio-eustatic sea-level changes of the Pennine Basin, UK. Journal of the Geological Society, 2012, 169, 37-51.	2.1	94
24	Precision and Accuracy in Geochronology. Elements, 2013, 9, 19-24.	0.5	93
25	The Great Oxidation Event preceded a Paleoproterozoic â€œsnowball Earthâ€• Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 13314-13320.	7.1	90
26	Cyclic Magmatic-Hydrothermal Evolution in Porphyry Systems: High-Precision U-Pb and Re-Os Geochronology Constraints on the Tibetan Qulong Porphyry Cu-Mo Deposit*. Economic Geology, 2017, 112, 1419-1440.	3.8	89
27	Uâ€“Pb and Reâ€“Os geochronology of the Aptian/Albian and Cenomanian/Turonian stage boundaries: Implications for timescale calibration, osmium isotope seawater composition and Reâ€“Os systematics in organic-rich sediments. Chemical Geology, 2009, 265, 394-409.	3.3	88
28	The tempo of Ediacaran evolution. Science Advances, 2021, 7, eabi9643.	10.3	80
29	UPb LA-(MC)-ICP-MS dating of rutile: New reference materials and applications to sedimentary provenance. Chemical Geology, 2013, 347, 82-101.	3.3	79
30	Rapid thermal rejuvenation of high-crystallinity magma linked to porphyry copper deposit formation; evidence from the Koloula Porphyry Prospect, Solomon Islands. Earth and Planetary Science Letters, 2016, 442, 206-217.	4.4	76
31	Pacific 187 Os/ 188 Os isotope chemistry and Uâ€“Pb geochronology: Synchroneity of global Os isotope change across OAE 2. Earth and Planetary Science Letters, 2015, 428, 204-216.	4.4	73
32	U-Pb (zircon) age constraints on the timing and duration of Wenlock (Silurian) paleocommunity collapse and recovery during the "Big Crisis". Bulletin of the Geological Society of America, 2012, 124, 1841-1857.	3.3	70
33	Stratigraphy and geochronology of the Tambien Group, Ethiopia: Evidence for globally synchronous carbon isotope change in the Neoproterozoic. Geology, 2015, 43, 323-326.	4.4	69
34	Geology and geochronology of the Tana Basin, Ethiopia: LIP volcanism, super eruptions and Eoceneâ€“Oligocene environmental change. Earth and Planetary Science Letters, 2016, 443, 1-8.	4.4	68
35	The first animals: ca. 760-million-year-old sponge-like fossils from Namibia. South African Journal of Science, 2012, 108, .	0.7	63
36	A 160,000-year-old history of tectonically controlled methane seepage in the Arctic. Science Advances, 2019, 5, eaaw1450.	10.3	60

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37	Early Wuchiapingian cooling linked to Emeishan basaltic weathering?. Earth and Planetary Science Letters, 2018, 492, 102-111.	4.4	58
38	U-Pb and Re-Os geochronology tracks stratigraphic condensation in the Sturtian snowball Earth aftermath. Geology, 2020, 48, 625-629.	4.4	57
39	A chronostratigraphic framework for the upper Stormberg Group: Implications for the Triassic-Jurassic boundary in southern Africa. Earth-Science Reviews, 2020, 203, 103120.	9.1	55
40	Multiple Palaeoproterozoic carbon burial episodes and excursions. Earth and Planetary Science Letters, 2015, 424, 226-236.	4.4	52
41	Geochronological constraint on the Cambrian Chengjiang biota, South China. Journal of the Geological Society, 2018, 175, 659-666.	2.1	50
42	Two from Donegal: Neoproterozoic glacial episodes on the northeast margin of Laurentia. Geology, 2000, 28, 951.	4.4	49
43	A refined chronology for the Cambrian succession of southern Britain. Journal of the Geological Society, 2011, 168, 705-716.	2.1	49
44	A Chronostratigraphic Framework for the Rise of the Ediacaran Macrobiota: New Constraints from Mistaken Point Ecological Reserve, Newfoundland. Bulletin of the Geological Society of America, 2021, 133, 612-624.	3.3	49
45	Lithostratigraphy, sedimentation and evolution of the Volta Basin in Ghana. Precambrian Research, 2010, 183, 701-724.	2.7	48
46	Integrated Ladinian bio-chronostratigraphy and geochrononology of Monte San Giorgio (Southern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.2	46
47	Dating the termination of the Palaeoproterozoic Lomagundi-Jatuli carbon isotopic event in the North Transfennoscandian Greenstone Belt. Precambrian Research, 2013, 224, 160-168.	2.7	46
48	Rapid formation and exhumation of the youngest Alpine eclogites: A thermal conundrum to Barrovian metamorphism. Earth and Planetary Science Letters, 2011, 306, 193-204.	4.4	45
49	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
50	Enhanced continental weathering and large igneous province induced climate warming at the Permo-Carboniferous transition. Earth and Planetary Science Letters, 2020, 534, 116074.	4.4	45
51	Geochronological constraints on stratigraphic correlation and oceanic oxygenation in Ediacaran-Cambrian transition in South China. Journal of Asian Earth Sciences, 2017, 140, 75-81.	2.3	43
52	Characterising the Uâ€“Thâ€“Pb systematics of allanite by ID and LA-ICPMS: Implications for geochronology. Geochimica Et Cosmochimica Acta, 2014, 135, 1-28.	3.9	41
53	Earth's earliest global glaciation? Carbonate geochemistry and geochronology of the Polisarka Sedimentary Formation, Kola Peninsula, Russia. Precambrian Research, 2013, 235, 278-294.	2.7	40
54	Precise ages of the RÃ©union event and Huckleberry Ridge excursion: Episodic clustering of geomagnetic instabilities and the dynamics of flow within the outer core. Earth and Planetary Science Letters, 2014, 405, 25-38.	4.4	40

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55	Calibrating the temporal and spatial dynamics of the Ediacaran - Cambrian radiation of animals. Earth-Science Reviews, 2022, 225, 103913.	9.1	39
56	Episodic arc-ophiolite emplacement and the growth of continental margins: Late accretion in the Northern Irish sector of the Grampian-Taconic orogeny. Bulletin of the Geological Society of America, 2012, 124, 1702-1723.	3.3	37
57	U-Pb geochronology and global context of the Charnian Supergroup, UK: Constraints on the age of key Ediacaran fossil assemblages. Bulletin of the Geological Society of America, 2015, 127, 250-265.	3.3	37
58	A multi-technique evaluation of hydrothermal hematite U Pb isotope systematics: Implications for ore deposit geochronology. Chemical Geology, 2019, 513, 54-72.	3.3	36
59	OPENING THE MAGMATIC-HYDROTHERMAL WINDOW: HIGH-PRECISION U-Pb GEOCHRONOLOGY OF THE MESOPROTEROZOIC OLYMPIC DAM Cu-U-Au-Ag DEPOSIT, SOUTH AUSTRALIA. Economic Geology, 2020, 115, 1855-1870.	3.8	34
60	SIMS Uâ€“Pb zircon geochronological constraints on upper Ediacaran stratigraphic correlations, South China. Geological Magazine, 2017, 154, 1202-1216.	1.5	31
61	Chapter 9 A user's guide to Neoproterozoic geochronology. Geological Society Memoir, 2011, 36, 135-149.	1.7	28
62	Evolution of the Tyrone ophiolite, Northern Ireland, during the Grampianâ€“Taconic orogeny: a correlative of the Annieopsquotch Ophiolite Belt of central Newfoundland?. Journal of the Geological Society, 2013, 170, 861-876.	2.1	26
63	One Hundred Years of Isotope Geochronology, and Counting. Elements, 2013, 9, 15-17.	0.5	25
64	Mochras borehole revisited: a new global standard for Early Jurassic earth history. Scientific Drilling, 0, 16, 81-91.	0.6	24
65	High-Precision U-Pb Zircon Geochronology and the Stratigraphic Record: Progress and Promise. The Paleontological Society Papers, 2006, 12, 25-45.	0.6	23
66	Palaeoproterozoic orogenic gold style mineralization at the Southwestern Archaean Tanzanian cratonic margin, Lupa Goldfield, SW Tanzania: Implications from Uâ€“Pb titanite geochronology. Gondwana Research, 2014, 26, 1141-1158.	6.0	21
67	Synchronizing terrestrial and marine records of environmental change across the Eoceneâ€“Oligocene transition. Earth and Planetary Science Letters, 2015, 427, 171-182.	4.4	21
68	LGC-1: A zircon reference material for in-situ (U-Th)/He dating. Chemical Geology, 2017, 454, 80-92.	3.3	20
69	Reducing Disparity in Radioâ€Isotopic and Astrochronologyâ€Based Time Scales of the Late Eocene and Oligocene. Paleoceanography, 2017, 32, 1018-1035.	3.0	18
70	A Consistently Highâ€Latitude South China From 820 to 780ÂMa: Implications for Exclusion From Rodinia and the Feasibility of Largeâ€Scale True Polar Wander. Journal of Geophysical Research: Solid Earth, 2021, 126, e2020JB021541.	3.4	16
71	Anomalous weathering trends indicate accelerated erosion of tropical basaltic landscapes during the Permo-Triassic warming. Earth and Planetary Science Letters, 2022, 577, 117256.	4.4	14
72	Dating the Cambrian Purley Shale Formation, Midland Microcraton, England. Geological Magazine, 2013, 150, 937-944.	1.5	11

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73	Using ignimbrites to quantify structural relief growth and understand deformation processes: Implications for the development of the Western Andean Slope, northernmost Chile. Lithosphere, 2017, 9, 29-45.	1.4	11
74	Discovery of an Extensive Deep-Sea Fossil Serpulid Reef Associated With a Cold Seep, Santa Monica Basin, California. Frontiers in Marine Science, 2019, 6, .	2.5	11
75	Stratigraphic, geochemical and Uâ€“Pb zircon constraints from Slieve Gallion, Northern Ireland: a correlation of the Irish Caledonian arcs. Journal of the Geological Society, 2013, 170, 737-752.	2.1	10
76	Kinetics of CO2â€“fluidâ€“rock reactions in a basalt aquifer, Soda Springs, Idaho. Applied Geochemistry, 2015, 61, 272-283.	3.0	10
77	Cleaved clasts in Dalradian conglomerates: possible evidence for Neoproterozoic compressional tectonism in Scotland and Ireland?. Geological Journal, 2000, 35, 87-98.	1.3	9
78	7.3 The Palaeoproterozoic Perturbation of the Global Carbon Cycle: The Lomagundi-Jatuli Isotopic Event. Frontiers in Earth Sciences, 2013, , 1111-1150.	0.1	9
79	Reply to comment: Oman Chronostratigraphy: (Reply to comment by Erwan Le Guerroue, Ruben Rieu) Tj ETQq1 1 0.784314 rgBT /Ov	1.4	8
80	Astrochronology and radio-isotopic dating of the Alano di Piave section (NE Italy), candidate GSSP for the Priabonian Stage (late Eocene). Earth and Planetary Science Letters, 2019, 525, 115746.	4.4	7
81	Laser ablation 40Ar/39Ar dating of metamorphic fabrics in the Caledonides of north Ireland. Journal of the Geological Society, 2006, 163, 337-345.	2.1	6
82	Examining the case for the use of the Tertiary as a formal period or informal unit. Proceedings of the Geologists Association, 2012, 123, 390-393.	1.1	6
83	Accuracy and precision of the late Eoceneâ€“early Oligocene geomagnetic polarity time scale. Bulletin of the Geological Society of America, 2020, 132, 373-388.	3.3	5
84	Accelerating Neoproterozoic research through scientific drilling. Scientific Drilling, 0, 19, 17-25.	0.6	5
85	A Synthetic Haematite Reference Material for LAâ€ICPâ€MS Uâ€Pb Geochronology and Application to Iron Oxideâ€Cuâ€Au Systems. Geostandards and Geoanalytical Research, 2021, 45, 143-159.	3.1	3
86	Two from Donegal: Neoproterozoic glacial episodes on the northeast margin of Laurentia. Geology, 2000, 28, 951-954.	4.4	2
87	Nature and timing of Late Mississippian to Mid-Pennsylvanian glacio-eustatic sea-level changes of the Pennine Basin, UK: Discussion Reply. Journal of the Geological Society, 2013, 170, 850-850.	2.1	1
88	Radiometric Dating (U-Th-Pb). , 2021, , 26-49.		0
89	Development and Application of Synthetic Hematite Reference Material for U-Pb Geochronology. Microscopy and Microanalysis, 2021, 27, 2742-2745.	0.4	0