

Daniel Condon

List of Publications by Year in descending order

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89
papers

12,504
citations

53794

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all docs

107
docs citations

107
times ranked

8124
citing authors

#	ARTICLE	IF	CITATIONS
1	Anomalous weathering trends indicate accelerated erosion of tropical basaltic landscapes during the Permo-Triassic warming. <i>Earth and Planetary Science Letters</i> , 2022, 577, 117256.	4.4	14
2	Calibrating the temporal and spatial dynamics of the Ediacaran - Cambrian radiation of animals. <i>Earth-Science Reviews</i> , 2022, 225, 103913.	9.1	39
3	A Chronostratigraphic Framework for the Rise of the Ediacaran Macrobiota: New Constraints from Mistaken Point Ecological Reserve, Newfoundland. <i>Bulletin of the Geological Society of America</i> , 2021, 133, 612-624.	3.3	49
4	A Synthetic Haematite Reference Material for LA-ICP-MS U-Pb Geochronology and Application to Iron Oxide-Cu-Au Systems. <i>Geostandards and Geoanalytical Research</i> , 2021, 45, 143-159.	3.1	3
5	Radiometric Dating (U-Th-Pb). , 2021, , 26-49.		0
6	A Consistently High-Latitude South China From 820 to 780 Ma: Implications for Exclusion From Rodinia and the Feasibility of Large-Scale True Polar Wander. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB021541.	3.4	16
7	Development and Application of Synthetic Hematite Reference Material for U-Pb Geochronology. <i>Microscopy and Microanalysis</i> , 2021, 27, 2742-2745.	0.4	0
8	The tempo of Ediacaran evolution. <i>Science Advances</i> , 2021, 7, eabi9643.	10.3	80
9	Accuracy and precision of the late Eocene-early Oligocene geomagnetic polarity time scale. <i>Bulletin of the Geological Society of America</i> , 2020, 132, 373-388.	3.3	5
10	OPENING THE MAGMATIC-HYDROTHERMAL WINDOW: HIGH-PRECISION U-Pb GEOCHRONOLOGY OF THE MESOPROTEROZOIC OLYMPIC DAM Cu-U-Au-Ag DEPOSIT, SOUTH AUSTRALIA. <i>Economic Geology</i> , 2020, 115, 1855-1870.	3.8	34
11	The Great Oxidation Event preceded a Paleoproterozoic "snowball Earth". <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 13314-13320.	7.1	90
12	A chronostratigraphic framework for the upper Stormberg Group: Implications for the Triassic-Jurassic boundary in southern Africa. <i>Earth-Science Reviews</i> , 2020, 203, 103120.	9.1	55
13	Enhanced continental weathering and large igneous province induced climate warming at the Permo-Carboniferous transition. <i>Earth and Planetary Science Letters</i> , 2020, 534, 116074.	4.4	45
14	U-Pb and Re-Os geochronology tracks stratigraphic condensation in the Sturtian snowball Earth aftermath. <i>Geology</i> , 2020, 48, 625-629.	4.4	57
15	Laser ablation inductively coupled plasma mass spectrometry (LA-ICP-MS) U-Pb carbonate geochronology: strategies, progress, and limitations. <i>Geochronology</i> , 2020, 2, 33-61.	2.5	129
16	Astrochronology and radio-isotopic dating of the Alano di Piave section (NE Italy), candidate GSSP for the Priabonian Stage (late Eocene). <i>Earth and Planetary Science Letters</i> , 2019, 525, 115746.	4.4	7
17	A 160,000-year-old history of tectonically controlled methane seepage in the Arctic. <i>Science Advances</i> , 2019, 5, eaaw1450.	10.3	60
18	A multi-technique evaluation of hydrothermal hematite U Pb isotope systematics: Implications for ore deposit geochronology. <i>Chemical Geology</i> , 2019, 513, 54-72.	3.3	36

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19	Discovery of an Extensive Deep-Sea Fossil Serpulid Reef Associated With a Cold Seep, Santa Monica Basin, California. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	11
20	Early Wuchiapingian cooling linked to Emeishan basaltic weathering?. <i>Earth and Planetary Science Letters</i> , 2018, 492, 102-111.	4.4	58
21	Geochronological constraint on the Cambrian Chengjiang biota, South China. <i>Journal of the Geological Society</i> , 2018, 175, 659-666.	2.1	50
22	LGC-1: A zircon reference material for in-situ (U-Th)/He dating. <i>Chemical Geology</i> , 2017, 454, 80-92.	3.3	20
23	Geochronological constraints on stratigraphic correlation and oceanic oxygenation in Ediacaran-Cambrian transition in South China. <i>Journal of Asian Earth Sciences</i> , 2017, 140, 75-81.	2.3	43
24	Using ignimbrites to quantify structural relief growth and understand deformation processes: Implications for the development of the Western Andean Slope, northernmost Chile. <i>Lithosphere</i> , 2017, 9, 29-45.	1.4	11
25	SIMS U-Pb zircon geochronological constraints on upper Ediacaran stratigraphic correlations, South China. <i>Geological Magazine</i> , 2017, 154, 1202-1216.	1.5	31
26	Ichnological evidence for meiofaunal bilaterians from the terminal Ediacaran and earliest Cambrian of Brazil. <i>Nature Ecology and Evolution</i> , 2017, 1, 1455-1464.	7.8	95
27	A calcite reference material for LA-ICP-MS U-Pb geochronology. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 2807-2814.	2.5	213
28	Reducing Disparity in Radioisotopic and Astrochronology-Based Time Scales of the Late Eocene and Oligocene. <i>Paleoceanography</i> , 2017, 32, 1018-1035.	3.0	18
29	Cyclic Magmatic-Hydrothermal Evolution in Porphyry Systems: High-Precision U-Pb and Re-Os Geochronology Constraints on the Tibetan Qulong Porphyry Cu-Mo Deposit*. <i>Economic Geology</i> , 2017, 112, 1419-1440.	3.8	89
30	Timescales of methane seepage on the Norwegian margin following collapse of the Scandinavian Ice Sheet. <i>Nature Communications</i> , 2016, 7, 11509.	12.8	125
31	Community-Derived Standards for LA-ICP-MS U-(Th)Pb Geochronology - Uncertainty Propagation, Age Interpretation and Data Reporting. <i>Geostandards and Geoanalytical Research</i> , 2016, 40, 311-332.	3.1	570
32	Duration and nature of the end-Cryogenian (Marinoan) glaciation. <i>Geology</i> , 2016, 44, 631-634.	4.4	129
33	Geology and geochronology of the Tana Basin, Ethiopia: LIP volcanism, super eruptions and Eocene-Oligocene environmental change. <i>Earth and Planetary Science Letters</i> , 2016, 443, 1-8.	4.4	68
34	Rapid thermal rejuvenation of high-crystallinity magma linked to porphyry copper deposit formation; evidence from the Koloula Porphyry Prospect, Solomon Islands. <i>Earth and Planetary Science Letters</i> , 2016, 442, 206-217.	4.4	76
35	Metrology and traceability of U-Pb isotope dilution geochronology (EARTHIME Tracer Calibration) Tj ETQq1 1 0,784314 rgBT /Ove	3.9	823
36	Stratigraphy and geochronology of the Tambien Group, Ethiopia: Evidence for globally synchronous carbon isotope change in the Neoproterozoic. <i>Geology</i> , 2015, 43, 323-326.	4.4	69

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37	Synchronizing terrestrial and marine records of environmental change across the Eocene–Oligocene transition. <i>Earth and Planetary Science Letters</i> , 2015, 427, 171-182.	4.4	21
38	Kinetics of CO ₂ –fluid–rock reactions in a basalt aquifer, Soda Springs, Idaho. <i>Applied Geochemistry</i> , 2015, 61, 272-283.	3.0	10
39	Multiple Palaeoproterozoic carbon burial episodes and excursions. <i>Earth and Planetary Science Letters</i> , 2015, 424, 226-236.	4.4	52
40	Pacific 187 Os/ 188 Os isotope chemistry and U–Pb geochronology: Synchronicity of global Os isotope change across OAE 2. <i>Earth and Planetary Science Letters</i> , 2015, 428, 204-216.	4.4	73
41	Evaluating uncertainties in the calibration of isotopic reference materials and multi-element isotopic tracers (EARTHTIME Tracer Calibration Part II). <i>Geochimica Et Cosmochimica Acta</i> , 2015, 164, 481-501.	3.9	213
42	U-Pb geochronology and global context of the Charnian Supergroup, UK: Constraints on the age of key Ediacaran fossil assemblages. <i>Bulletin of the Geological Society of America</i> , 2015, 127, 250-265.	3.3	37
43	Precise ages of the Reunion event and Huckleberry Ridge excursion: Episodic clustering of geomagnetic instabilities and the dynamics of flow within the outer core. <i>Earth and Planetary Science Letters</i> , 2014, 405, 25-38.	4.4	40
44	Integrating 40Ar/39Ar, U-Pb, and astronomical clocks in the Cretaceous Niobrara Formation, Western Interior Basin, USA. <i>Bulletin of the Geological Society of America</i> , 2014, 126, 956-973.	3.3	105
45	Palaeoproterozoic orogenic gold style mineralization at the Southwestern Archaean Tanzanian cratonic margin, Lupa Goldfield, SW Tanzania: Implications from U–Pb titanite geochronology. <i>Gondwana Research</i> , 2014, 26, 1141-1158.	6.0	21
46	Characterising the U–Th–Pb systematics of allanite by ID and LA-ICPMS: Implications for geochronology. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 135, 1-28.	3.9	41
47	Earth's earliest global glaciation? Carbonate geochemistry and geochronology of the Polisarka Sedimentary Formation, Kola Peninsula, Russia. <i>Precambrian Research</i> , 2013, 235, 278-294.	2.7	40
48	Litho-geochemistry, geochronology and geodynamic setting of the Lupa Terrane, Tanzania: Implications for the extent of the Archaean Tanzanian Craton. <i>Precambrian Research</i> , 2013, 231, 174-193.	2.7	45
49	UPb LA-(MC)-ICP-MS dating of rutile: New reference materials and applications to sedimentary provenance. <i>Chemical Geology</i> , 2013, 347, 82-101.	3.3	79
50	Dating the termination of the Palaeoproterozoic Lomagundi-Jatuli carbon isotopic event in the North Transfennoscandian Greenstone Belt. <i>Precambrian Research</i> , 2013, 224, 160-168.	2.7	46
51	A review of temporal constraints for the Palaeoproterozoic large, positive carbonate carbon isotope excursion (the Lomagundi–Jatuli Event). <i>Earth-Science Reviews</i> , 2013, 127, 242-261.	9.1	96
52	One Hundred Years of Isotope Geochronology, and Counting. <i>Elements</i> , 2013, 9, 15-17.	0.5	25
53	Precision and Accuracy in Geochronology. <i>Elements</i> , 2013, 9, 19-24.	0.5	93
54	7.3 The Palaeoproterozoic Perturbation of the Global Carbon Cycle: The Lomagundi-Jatuli Isotopic Event. <i>Frontiers in Earth Sciences</i> , 2013, , 1111-1150.	0.1	9

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55	Stratigraphic, geochemical and U–Pb zircon constraints from Slieve Gallion, Northern Ireland: a correlation of the Irish Caledonian arcs. <i>Journal of the Geological Society</i> , 2013, 170, 737-752.	2.1	10
56	Nature and timing of Late Mississippian to Mid-Pennsylvanian glacio-eustatic sea-level changes of the Pennine Basin, UK: Discussion Reply. <i>Journal of the Geological Society</i> , 2013, 170, 850-850.	2.1	1
57	Evolution of the Tyrone ophiolite, Northern Ireland, during the Grampian–Taconic orogeny: a correlative of the Annieopsquotch Ophiolite Belt of central Newfoundland?. <i>Journal of the Geological Society</i> , 2013, 170, 861-876.	2.1	26
58	Dating the Cambrian Purley Shale Formation, Midland Microcraton, England. <i>Geological Magazine</i> , 2013, 150, 937-944.	1.5	11
59	Intercalibration of radioisotopic and astrochronologic time scales for the Cenomanian-Turonian boundary interval, Western Interior Basin, USA. <i>Geology</i> , 2012, 40, 7-10.	4.4	177
60	The first animals: ca. 760-million-year-old sponge-like fossils from Namibia. <i>South African Journal of Science</i> , 2012, 108, .	0.7	63
61	U-Pb (zircon) age constraints on the timing and duration of Wenlock (Silurian) paleocommunity collapse and recovery during the "Big Crisis". <i>Bulletin of the Geological Society of America</i> , 2012, 124, 1841-1857.	3.3	70
62	Episodic arc-ophiolite emplacement and the growth of continental margins: Late accretion in the Northern Irish sector of the Grampian-Taconic orogeny. <i>Bulletin of the Geological Society of America</i> , 2012, 124, 1702-1723.	3.3	37
63	Nature and timing of Late Mississippian to Mid-Pennsylvanian glacio-eustatic sea-level changes of the Pennine Basin, UK. <i>Journal of the Geological Society</i> , 2012, 169, 37-51.	2.1	94
64	²³⁸ U/ ²³⁵ U Systematics in Terrestrial Uranium-Bearing Minerals. <i>Science</i> , 2012, 335, 1610-1614.	12.6	542
65	Integrated Ladinian bio-chronostratigraphy and geochronology of Monte San Giorgio (Southern Tj ETQq1 1 0.784314 rgBJ /Overlock	1.2	46
66	Examining the case for the use of the Tertiary as a formal period or informal unit. <i>Proceedings of the Geologists Association</i> , 2012, 123, 390-393.	1.1	6
67	Chapter 9 A user's guide to Neoproterozoic geochronology. <i>Geological Society Memoir</i> , 2011, 36, 135-149.	1.7	28
68	Constraints on the numerical age of the Paleocene-Eocene boundary. <i>Geochemistry, Geophysics, Geosystems</i> , 2011, 12, n/a-n/a.	2.5	114
69	Rapid formation and exhumation of the youngest Alpine eclogites: A thermal conundrum to Barrovian metamorphism. <i>Earth and Planetary Science Letters</i> , 2011, 306, 193-204.	4.4	45
70	A refined chronology for the Cambrian succession of southern Britain. <i>Journal of the Geological Society</i> , 2011, 168, 705-716.	2.1	49
71	Isotopic composition (²³⁸ U/ ²³⁵ U) of some commonly used uranium reference materials. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 7127-7143.	3.9	109
72	Lithostratigraphy, sedimentation and evolution of the Volta Basin in Ghana. <i>Precambrian Research</i> , 2010, 183, 701-724.	2.7	48

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73	Reply to comment: Oman Chronostratigraphy: (Reply to comment by Erwan Le Guerroue, Ruben Rieu) Tj ETQq1 1 0.784314 rgBT /Over	1.4	8
74	Fossil steroids record the appearance of Demospongiae during the Cryogenian period. <i>Nature</i> , 2009, 457, 718-721.	27.8	611
75	U-Pb and Re-Os geochronology of the Aptian/Albian and Cenomanian/Turonian stage boundaries: Implications for timescale calibration, osmium isotope seawater composition and Re-Os systematics in organic-rich sediments. <i>Chemical Geology</i> , 2009, 265, 394-409.	3.3	88
76	Plešovice zircon - A new natural reference material for U-Pb and Hf isotopic microanalysis. <i>Chemical Geology</i> , 2008, 249, 1-35.	3.3	3,858
77	Geochronologic constraints on the chronostratigraphic framework of the Neoproterozoic Huqf Supergroup, Sultanate of Oman. <i>Numerische Mathematik</i> , 2007, 307, 1097-1145.	1.4	358
78	Temporal constraints on the Paleoproterozoic Lomagundi-Jatuli carbon isotopic event. <i>Geology</i> , 2007, 35, 655.	4.4	146
79	Reassessing the uranium decay constants for geochronology using ID-TIMS U-Pb data. <i>Geochimica Et Cosmochimica Acta</i> , 2006, 70, 426-445.	3.9	406
80	High-Precision U-Pb Zircon Geochronology and the Stratigraphic Record: Progress and Promise. <i>The Paleontological Society Papers</i> , 2006, 12, 25-45.	0.6	23
81	Laser ablation $^{40}\text{Ar}/^{39}\text{Ar}$ dating of metamorphic fabrics in the Caledonides of north Ireland. <i>Journal of the Geological Society</i> , 2006, 163, 337-345.	2.1	6
82	U-Pb Ages from the Neoproterozoic Doushantuo Formation, China. <i>Science</i> , 2005, 308, 95-98.	12.6	1,083
83	U-Pb zircon date from the Neoproterozoic Ghaub Formation, Namibia: Constraints on Marinoan glaciation. <i>Geology</i> , 2004, 32, 817.	4.4	480
84	Neoproterozoic glacial-rainout intervals: Observations and implications. <i>Geology</i> , 2002, 30, 35.	4.4	97
85	Two from Donegal: Neoproterozoic glacial episodes on the northeast margin of Laurentia. <i>Geology</i> , 2000, 28, 951.	4.4	49
86	Cleaved clasts in Dalradian conglomerates: possible evidence for Neoproterozoic compressional tectonism in Scotland and Ireland?. <i>Geological Journal</i> , 2000, 35, 87-98.	1.3	9
87	Two from Donegal: Neoproterozoic glacial episodes on the northeast margin of Laurentia. <i>Geology</i> , 2000, 28, 951-954.	4.4	2
88	Mochras borehole revisited: a new global standard for Early Jurassic earth history. <i>Scientific Drilling</i> , 0, 16, 81-91.	0.6	24
89	Accelerating Neoproterozoic research through scientific drilling. <i>Scientific Drilling</i> , 0, 19, 17-25.	0.6	5