

Paul M Myrow

List of Publications by Year in descending order

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83
papers

4,704
citations

101543

36
h-index

95266

68
g-index

83
all docs

83
docs citations

83
times ranked

2716
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive function and phylogenetic significance of novel skeletal features of a new Devonian microconchid tubeworm (<i>Tentaculita</i>) from Wyoming, USA. <i>Journal of Paleontology</i> , 2022, 96, 112-126.	0.8	4
2	Middle Ordovician massâ€transport deposits from western Inner Mongolia, China: Mechanisms and implications for basin evolution. <i>Sedimentology</i> , 2022, 69, 1301-1338.	3.1	5
3	Microspores, megaspores, palynofacies, and depositional history of the upper Givetian Maywood Formation, Northern Wyoming, USA. <i>Review of Palaeobotany and Palynology</i> , 2022, 299, 104604.	1.5	4
4	Preliminary palynological study of the Upper Ordovician Pin Formation in northern Indian Himalaya. <i>Palynology</i> , 2021, 45, 301-319.	1.5	3
5	The first systematic description of Cambrian fossils from Myanmar: Late Furongian trilobites from the southern part of the Shan State and the early Palaeozoic palaeogeographical affinities of <i>Sibumasu</i> . <i>Journal of Asian Earth Sciences</i> , 2021, 214, 104775.	2.3	11
6	Tonian deltaic and storm-influenced marine sedimentation on the edge of Laurentia: The Veteranen Group of northeastern Spitsbergen, Svalbard. <i>Sedimentary Geology</i> , 2021, 426, 106011.	2.1	4
7	The Oligoceneâ€Miocene Guadalupeâ€Matarranya Fan, Spain, as an Analog for Longâ€Lived, Ridgeâ€Bearing Megafans on Mars. <i>Journal of Geophysical Research E: Planets</i> , 2021, 126, e2021JE006993.	3.6	1
8	Storms and Storm Deposits. , 2020, , 932-941.		0
9	<i>Satunarcus</i> , a new late Cambrian trilobite genus from southernmost Thailand and a reevaluation of the subfamily <i>Mansuyiinae</i> HupÃ©, 1955. <i>Journal of Paleontology</i> , 2020, 94, 867-880.	0.8	7
10	Investigating the response of wave-generated ripples to changes in wave forcing. <i>Geomorphology</i> , 2020, 363, 107229.	2.6	7
11	Infaunal augurs of the Cambrian explosion: An Ediacaran trace fossil assemblage from Nevada, USA. <i>Geobiology</i> , 2020, 18, 486-496.	2.4	10
12	Cambrian geology of the Salt Range of Pakistan: Linking the Himalayan margin to the Indian craton: Reply. <i>Bulletin of the Geological Society of America</i> , 2020, 132, 446-448.	3.3	3
13	Brachiopods from the Byrd Group (Cambrian Series 2, Stage 4) Central Transantarctic Mountains, East Antarctica: biostratigraphy, phylogeny and systematics. <i>Papers in Palaeontology</i> , 2020, 6, 349-383.	1.5	15
14	Sedimentology, stratigraphy, and detrital zircon geochronology of Mesoproterozoic strata in the northern Helan Mountains, western margin of the North China Block. <i>Precambrian Research</i> , 2020, 343, 105730.	2.7	8
15	Experimental Investigations of Combined Flow Sediment Transport. <i>Journal of Sedimentary Research</i> , 2019, 89, 808-814.	1.6	4
16	Cambrian geology of the Salt Range of Pakistan: Linking the Himalayan margin to the Indian craton. <i>Bulletin of the Geological Society of America</i> , 2019, 131, 1095-1114.	3.3	28
17	Ordovicianâ€Silurian boundary strata of the Indian Himalaya: Record of the latest Ordovician Boda event. <i>Bulletin of the Geological Society of America</i> , 2019, 131, 881-898.	3.3	20
18	Reconstructing the Himalayan margin prior to collision with Asia: Proterozoic and lower Paleozoic geology and its implications for Cenozoic tectonics. <i>Geological Society Special Publication</i> , 2019, 483, 39-64.	1.3	17

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19	Rapid sea level rise in the aftermath of a Neoproterozoic snowball Earth. <i>Science</i> , 2018, 360, 649-651.	12.6	37
20	Zircon (U ²³⁸)/He Thermochronometric Constraints on Himalayan Thrust Belt Exhumation, Bedrock Weathering, and Cenozoic Seawater Chemistry. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 257-271.	2.5	29
21	Organic-walled microfossils from the Ediacaran-Cambrian boundary stratotype section, Chapel Island and Random formations, Burin Peninsula, Newfoundland, Canada: Global correlation and significance for the evolution of early complex ecosystems. <i>Geological Journal</i> , 2018, 53, 1728-1742.	1.3	20
22	Ancient record of changing flows from wave ripple defects. <i>Geology</i> , 2018, 46, 875-878.	4.4	24
23	Bedform Disequilibrium. <i>Journal of Sedimentary Research</i> , 2018, 88, .	1.6	37
24	Wave-Created Mud Suspensions: A Theoretical Study. <i>Journal of Marine Science and Engineering</i> , 2018, 6, 29.	2.6	5
25	Late Mesoproterozoic - early Neoproterozoic organic-walled microfossils from the Madhubani Group of the Ganga Valley, northern India. <i>Palaeontology</i> , 2017, 60, 869-891.	2.2	21
26	Dodging snowballs: Geochronology of the Gaskiers glaciation and the first appearance of the Ediacaran biota. <i>Geology</i> , 2016, 44, 955-958.	4.4	241
27	Cambrian-Ordovician orogenesis in Himalayan equatorial Gondwana. <i>Bulletin of the Geological Society of America</i> , 2016, 128, 1679-1695.	3.3	67
28	Biostratigraphic and detrital zircon age constraints on the basement of the Himalayan Foreland Basin: Implications for a Proterozoic link to the Lesser Himalaya and cratonic India. <i>Terra Nova</i> , 2016, 28, 419-426.	2.1	18
29	Depositional Controls on the Ichnology of Ordovician Wave-dominated Marine Facies: New Evidence from the Shirgesht Formation, Central Iran. <i>Acta Geologica Sinica</i> , 2016, 90, 1572-1597.	1.4	16
30	Cambrian microfossils from the Tethyan Himalaya. <i>Journal of Paleontology</i> , 2016, 90, 10-30.	0.8	19
31	Subsidence and drowning of a carbonate platform in south-central Mongolia (Gobi Altai region) during the late Eifelian to early Givetian: A synthesis of conodont data, magnetic susceptibility, and paleoecology. <i>Journal of Asian Earth Sciences</i> , 2016, 115, 204-213.	2.3	1
32	Himalayan Cambrian brachiopods. <i>Papers in Palaeontology</i> , 2015, 1, 345-399.	1.5	52
33	Neogene marine isotopic evolution and the erosion of Lesser Himalayan strata: Implications for Cenozoic tectonic history. <i>Earth and Planetary Science Letters</i> , 2015, 417, 142-150.	4.4	48
34	Age and implications of the phosphatic Birmania Formation, Rajasthan, India. <i>Precambrian Research</i> , 2015, 267, 164-173.	2.7	25
35	PASSIVE TRANSGRESSION: REMARKABLE PRESERVATION AND SPATIAL DISTRIBUTION OF UPPERMOST DEVONIAN (FAMENNIAN) MARGINAL AND NEARSHORE MARINE FACIES AND FAUNA OF WESTERN LAURENTIA. <i>Palaios</i> , 2015, 30, 490-502.	1.3	7
36	Estimates of large magnitude Late Cambrian earthquakes from seismogenic soft-sediment deformation structures: Central Rocky Mountains. <i>Sedimentology</i> , 2015, 62, 621-644.	3.1	9

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37	Biotic replacement and mass extinction of the Ediacara biota. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20151003.	2.6	103
38	High-precision U-Pb age and duration of the latest Devonian (Famennian) Hangenberg event, and its implications. <i>Terra Nova</i> , 2014, 26, 222-229.	2.1	69
39	Plate tectonic influences on Neoproterozoic-early Paleozoic climate and animal evolution. <i>Geology</i> , 2014, 42, 127-130.	4.4	86
40	Reply to comment on "New age constraints for the Proterozoic Aravalli-Delhi successions of India and their implications" by Melezhik et al. [<i>Precambrian Res.</i> (2014)]. <i>Precambrian Research</i> , 2014, 246, 371-372.	2.7	3
41	Precambrian-Cambrian boundary interval occurrence and form of the enigmatic tubular body fossil <i>haanxilithes ningqiangensis</i> from the Lesser Himalaya of India. <i>Palaeontology</i> , 2014, 57, 283-298.	2.2	45
42	Ediacaran matground ecology persisted into the earliest Cambrian. <i>Nature Communications</i> , 2014, 5, 3544.	12.8	111
43	Wavelength selection and symmetry breaking in orbital wave ripples. <i>Journal of Geophysical Research F: Earth Surface</i> , 2014, 119, 2239-2257.	2.8	27
44	New age constraints for the Proterozoic Aravalli-Delhi successions of India and their implications. <i>Precambrian Research</i> , 2013, 238, 120-128.	2.7	133
45	Latest Devonian (Famennian) global events in western Laurentia: Variations in the carbon isotopic record linked to diagenetic alteration below regionally extensive unconformities. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 386, 194-209.	2.3	26
46	Lamb Receives 2012 Luna B. Leopold Young Scientist Award: Citation. <i>Eos</i> , 2013, 94, 333-333.	0.1	0
47	Origin of giant wave ripples in snowball Earth cap carbonate. <i>Geology</i> , 2012, 40, 827-830.	4.4	35
48	Mixed Siliciclastic-Carbonate Upward-Deepening Cycles of the Upper Cambrian Inner Detrital Belt of Laurentia. <i>Journal of Sedimentary Research</i> , 2012, 82, 216-231.	1.6	24
49	Correlation of Precambrian-Cambrian sedimentary successions across northern India and the utility of isotopic signatures of Himalayan lithotectonic zones. <i>Earth and Planetary Science Letters</i> , 2011, 312, 471-483.	4.4	196
50	A carbon isotopic and sedimentological record of the latest Devonian (Famennian) from the Western U.S. and Germany. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 306, 147-159.	2.3	34
51	Trilobites and zircons link north China with the eastern Himalaya during the Cambrian. <i>Geology</i> , 2011, 39, 591-594.	4.4	136
52	Cambrian rocks and faunas of the Wachi La, Black Mountains, Bhutan. <i>Geological Magazine</i> , 2011, 148, 351-379.	1.5	59
53	Extraordinary transport and mixing of sediment across Himalayan central Gondwana during the Cambrian-Ordovician. <i>Bulletin of the Geological Society of America</i> , 2010, 122, 1660-1670.	3.3	232
54	Cambrian Trilobites from the Parahio and Zanskar Valleys, Indian Himalaya. <i>Journal of Paleontology</i> , 2009, 83, 1-95.	0.8	28

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55	Stratigraphic correlation of Cambrian–Ordovician deposits along the Himalaya: Implications for the age and nature of rocks in the Mount Everest region. <i>Bulletin of the Geological Society of America</i> , 2009, 121, 323-332.	3.3	141
56	The Tethyan Himalaya: palaeogeographical and tectonic constraints from Ordovician palaeomagnetic data. <i>Journal of the Geological Society</i> , 2009, 166, 679-687.	2.1	51
57	Deposits from Wave-Influenced Turbidity Currents: Pennsylvanian Minturn Formation, Colorado, U.S.A.. <i>Journal of Sedimentary Research</i> , 2008, 78, 480-498.	1.6	93
58	Dynamics of a Transgressive Prodeltaic System: Implications for Geography and Climate Within a Pennsylvanian Intracratonic Basin, Colorado, U.S.A.. <i>Journal of Sedimentary Research</i> , 2008, 78, 512-528.	1.6	48
59	A Positive Test of East Antarctica–Laurentia Juxtaposition Within the Rodinia Supercontinent. <i>Science</i> , 2008, 321, 235-240.	12.6	167
60	Travertine deposits from along the South Tibetan Fault System near Nyalam, Tibet. <i>Geological Magazine</i> , 2008, 145, 753-765.	1.5	38
61	Paleostrain stratigraphic analysis of calcite twins across the Cambrian–Ordovician unconformity in the Tethyan Himalaya, Spiti and Zaskar valley regions, India. <i>Journal of Asian Earth Sciences</i> , 2007, 31, 44-54.	2.3	13
62	Cambrian stratigraphy and depositional history of the northern Indian Himalaya, Spiti Valley, north-central India. <i>Bulletin of the Geological Society of America</i> , 2006, 118, 491-510.	3.3	92
63	Cambrian biostratigraphy of the Tal Group, Lesser Himalaya, India, and early Tsanglangpuan (late early) Tj ETQq1 1 0.784314 pgBT/Ov 1.5 180	1.5	180
64	Provenance of Neoproterozoic and lower Paleozoic siliciclastic rocks of the central Ross orogen, Antarctica: Detrital record of rift-, passive-, and active-margin sedimentation. <i>Bulletin of the Geological Society of America</i> , 2004, 116, 1253.	3.3	198
65	Flat-pebble conglomerate: its multiple origins and relationship to metre-scale depositional cycles. <i>Sedimentology</i> , 2004, 51, 973-996.	3.1	109
66	Integrated tectonostratigraphic analysis of the Himalaya and implications for its tectonic reconstruction. <i>Earth and Planetary Science Letters</i> , 2003, 212, 433-441.	4.4	236
67	Fallen arches: Dispelling myths concerning Cambrian and Ordovician paleogeography of the Rocky Mountain region. <i>Bulletin of the Geological Society of America</i> , 2003, 115, 695-713.	3.3	44
68	Wave-Modified Turbidites: Combined-Flow Shoreline and Shelf Deposits, Cambrian, Antarctica. <i>Journal of Sedimentary Research</i> , 2002, 72, 641-656.	1.6	147
69	Lowermost Cambrian Ichnofabrics from the Chapel Island Formation, Newfoundland: Implications for Cambrian Substrates. <i>Palaios</i> , 2002, 17, 3-15.	1.3	62
70	Depositional history of pre-Devonian strata and timing of Ross orogenic tectonism in the central Transantarctic Mountains, Antarctica. <i>Bulletin of the Geological Society of America</i> , 2002, 114, 1070-1088.	3.3	77
71	Burrowing below the basal Cambrian GSSP, Fortune Head, Newfoundland. <i>Geological Magazine</i> , 2001, 138, 213-218.	1.5	130
72	A newly discovered cap carbonate above Varanger-age glacial deposits in Newfoundland, Canada. <i>Journal of Sedimentary Research</i> , 1999, 69, 784-793.	1.6	79

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73	Pot and gutter casts from the Chapel Island Formation, Southeast Newfoundland; discussion and reply. <i>Journal of Sedimentary Research</i> , 1994, 64, 706-709.	1.6	9
74	Depositional history and sequence stratigraphy of the Precambrian-Cambrian boundary stratotype section, Chapel Island Formation, southeast Newfoundland. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1993, 104, 13-35.	2.3	33
75	Pot and gutter casts from the Chapel Island Formation, Southeast Newfoundland. <i>Journal of Sedimentary Research</i> , 1992, 62, 992-1007.	1.6	133
76	Stable isotope geochemistry and palynology of the late Precambrian to Early Cambrian sequence in Newfoundland. <i>Canadian Journal of Earth Sciences</i> , 1992, 29, 1662-1673.	1.3	35
77	A chondrophorine (medusoid hydrozoan) from the basal Cambrian (Placentian) of Newfoundland. <i>Journal of Paleontology</i> , 1991, 65, 186-191.	0.8	36
78	Shallow-water gravity-flow deposits, Chapel Island Formation, southeast Newfoundland, Canada. <i>Sedimentology</i> , 1991, 38, 935-959.	3.1	55
79	Geology Consortium Project Reports. <i>Eos</i> , 1989, 70, 598.	0.1	0
80	The Placentian Series: appearance of the oldest skeletalized faunas in southeastern Newfoundland. <i>Journal of Paleontology</i> , 1989, 63, 739-769.	0.8	139
81	A candidate stratotype for the Precambrian-Cambrian boundary, Fortune Head, Burin Peninsula, southeastern Newfoundland. <i>Canadian Journal of Earth Sciences</i> , 1987, 24, 1277-1293.	1.3	263
82	Cambrian and earliest Ordovician fauna and geology of the S'ng ' and adjacent terranes in Vi' Nam (Vietnam). <i>Geological Magazine</i> , 0, , 1-26.	1.5	2
83	Tectonics of the Indian Subcontinent by Arvind K. Jain , Dhiraj M. Banerjee , and Vivek S. Kale ; Springer Nature, Switzerland; 2020; ISBN 978-3-030-42844-0. <i>Geological Magazine</i> , 0, , 1-2.	1.5	0