Charles E Mitchell

List of Publications by Year
in descending order

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48	1,794	236833	265120
papers	citations	25 h-index	42 g-index

48	48	48	989
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Late Ordovician to earliest Silurian graptolite and brachiopod biozonation from the Yangtze region, South China, with a global correlation. Geological Magazine, 2000, 137, 623-650.	0.9	205
2	The Global Boundary Stratotype Section and Point (GSSP) for the base of the Hirnantian Stage (the) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.8	199
3	A comparison of crayfish burrow morphologies: Triassic and Holocene fossil, paleoâ€•and neoâ€•ichnological evidence, and the identification of their burrowing signatures. Ichnos, 1993, 2, 291-314.	0.8	193
4	PATTERNS AND PROCESSES OF LATEST ORDOVICIAN GRAPTOLITE EXTINCTION AND RECOVERY BASED ON DATA FROM SOUTH CHINA. Journal of Paleontology, 2005, 79, 842-861.	0.5	97
5	Application of morphologic burrow interpretations to discern continental burrow architects: Lungfish or crayfish?. Ichnos, 1993, 2, 315-333.	0.8	86
6	Graptoloid diversity and disparity became decoupled during the Ordovician mass extinction. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 3428-3433.	3.3	76
7	Why the null matters: statistical tests, random walks and evolution. Genetica, 2001, 112/113, 105-125.	0.5	70
8	Uncorrelated change produces the apparent dependence of evolutionary rate on interval. Paleobiology, 2001, 27, 429-445.	1.3	59
9	Stratigraphic correlations using trace elements in apatite from Late Ordovician (Sandbian-Katian) K-bentonites of eastern North America. Bulletin of the Geological Society of America, 2015, 127, 1259-1274.	1.6	45
10	A combined landmark and outline-based approach to ontogenetic shape change in the Ordovician trilobite Triarthrus becki. , 2004, , 67-82.		42
11	Discovery of the Ordovician Millbrig K-bentonite Bed in the Trenton Group of New York State: implications for regional correlation and sequence stratigraphy in eastern North America. Palaeogeography, Palaeoclimatology, Palaeoecology, 2004, 210, 331-346.	1.0	42
12	Rhyolitic glass in Ordovician K-bentonites: A new stratigraphic tool. Geology, 1994, 22, 115.	2.0	40
13	K-Bentonites and Graptolite Biostratigraphy in the Middle Ordovician of New York State and Quebec: A New Chronostratigraphic Model. Palaios, 1994, 9, 124.	0.6	39
14	Temporal and spatial distribution of biozones and facies relative to geochemically correlated K-bentonites in the Middle Ordovician Taconic foredeep. Geology, 1994, 22, 715.	2.0	37
15	Geobiodiversity Database: a comprehensive section-based integration of stratigraphic and paleontological data. Newsletters on Stratigraphy, 2013, 46, 111-136.	0.5	37
16	The graptolite correlation of the North American Upper Ordovician Standard. Lethaia, 1986, 19, 247-266.	0.6	35
17	Morphometric analysis of ontogeny and allometry of the Middle Ordovician trilobite Triarthrus becki. Paleobiology, 2002, 28, 364-377.	1.3	35
18	Proposal for adoption of the base of the Undulograptus austrodentatus Biozone as a global Ordovician stage and series boundary level. Lethaia, 1995, 28, 317-331.	0.6	30

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19	The stratigraphic distribution of graptolites in the classic upper Middle Ordovician Utica Shale of New York State: an evolutionary succession or a response to relative sea-level change?. Paleobiology, 1999, 25, 273-294.	1.3	29
20	Graptolite community responses to global climate change and the Late Ordovician mass extinction. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 8380-8385.	3.3	29
21	Morphology, systematics, and evolution of Middle Devonian Ambocoeliidae (Brachiopoda), western New York. Journal of Paleontology, 1990, 64, 79-99.	0.5	28
22	Revision of the Zone 13 graptolite biostratigraphy in the Marathon, Texas, standard succession and its bearing on Upper Ordovician graptolite biogeography. Lethaia, 1995, 28, 115-128.	0.6	28
23	Evolution and phylogenetic classification of the Glossograptidae and Arienigraptidae (Graptoloidea): new data and remaining questions. Journal of Paleontology, 1996, 70, 641-655.	0.5	28
24	Tephrochronology of highly altered ash beds: the use of trace element and strontium isotope geochemistry of apatite phenocrysts to correlate K-bentonites. Geochimica Et Cosmochimica Acta, 1995, 59, 2527-2536.	1.6	27
25	Ashgillian graptolite fauna of the Yangtze region and the biogeographical distribution of diversity in the latest Ordovician. Bulletin - Societie Geologique De France, 2003, 174, 141-148.	0.9	27
26	Biogeography and Mass Extinction: Extirpation and re-invasion of Normalograptus species (Graptolithina) in the Late Ordovician Palaeotropics. Proceedings of the Yorkshire Geological Society, 2011, 58, 227-246.	0.2	27
27	Early Darriwilian graptolites from central and western China. Alcheringa, 2001, 25, 191-210.	0.5	26
28	Geodynamical interpretation of a major unconformity in the Taconic Foredeep: slide scar or onlap unconformity?. Physics and Chemistry of the Earth, 2002, 27, 169-201.	1.2	25
29	Evidence of a tectonically driven sequence succession in the Middle Ordovician Taconic foredeep. Geology, 2000, 28, 727.	2.0	21
30	Stratotype of Ordovician Whiterock Series. Palaios, 1991, 6, 156.	0.6	20
31	Trans-Pacific graptolite faunal relations: the biostratigraphic position of the base of the Cincinnatian Series (Upper Ordovician) in the standard Australian graptolite zone succession. Journal of Paleontology, 1990, 64, 992-997.	0.5	14
32	Anticostia, a distinctive new Late Ordovician "glyptograptid" (Diplograptacea, Graptoloidea) based on three-dimensionally preserved specimens from Anticosti Island, Quebec. Canadian Journal of Earth Sciences, 1997, 34, 215-228.	0.6	14
33	The morphology and ultrastructure ofBrevigraptus quadrithecatusn. gen., n. sp. (Diplograptacea), and Its convergence uponDicaulograptus hystrix(Bulman). Journal of Paleontology, 1988, 62, 448-463.	0.5	11
34	Graptolites from the Qilang and Yingan formations (Caradoc, Ordovician) of Kalpin, western Tarim, Xinjiang, China. Journal of Paleontology, 2000, 74, 282-300.	0.5	11
35	GRAPTOLITES FROM THE QILANG AND YINGAN FORMATIONS (CARADOC, ORDOVICIAN) OF KALPIN, WESTERN TARIM, XINJIANG, CHINA. Journal of Paleontology, 2000, 74, 282-300.	0.5	9
36	Geographic and stratigraphic change in the morphology of Triarthrus beckii (Green) (Trilobita): a test of the Plus Ã§a change model of evolution. Lethaia, 2009, 42, 108-125.	0.6	9

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37	In situ crustoid graptolite colonies from an Upper Ordovician hardground, southwestern Ohio. Journal of Paleontology, 1993, 67, 1011-1016.	0.5	7
38	Morphometric studies of Climacograptus (Hall) and the phylogenetic significance of astogeny. Geological Society Special Publication, 1986, 20, 119-129.	0.8	5
39	Horizon annealing: a collection-based approach to automated sequencing of the fossil record. Lethaia, 2012, 45, 532-547.	0.6	5
40	A re-examination of the contributions of biofacies and geographic range to extinction risk in Ordovician graptolites. Gff, 2014, 136, 38-41.	0.4	5
41	The impact of geographic range, sampling, ecology, and time on extinction risk in the volatile clade Graptoloida. Paleobiology, 2017, 43, 85-113.	1.3	5
42	Late Ordovician mass extinction caused by volcanism, warming, and anoxia, not cooling and glaciation: COMMENT. Geology, 2020, 48, e509-e509.	2.0	5
43	Aligned trace fossils from the Utica Shale: implications for mode of life and feeding in the trilobiteTriarthrus beckii. Lethaia, 2017, 50, 69-78.	0.6	4
44	THE STRUCTURE AND POSSIBLE FUNCTION OF â€˜BASAL MEMBRANESâ€™ IN THE SPINOUSE CLIMACOGRAPTID GRAPTOLITE APPENDISPINOGRAPTUS LI AND LI 1985. Journal of Paleontology, 2007, 81, 1122-1127.	0.5	3
45	A new approach to quantifying stratigraphical resolution: application to global stratotypes. Lethaia, 2017, 50, 407-423.	0.6	3
46	Revision of Corynoides ultimus Ruedemann (Graptolithina) and its relationship to Corynites KozÅ‚owski. Journal of Paleontology, 1989, 63, 382-384.	0.5	1
47	A restudy of the Sandbian to Katian (Upper Ordovician) graptolites from the East Qilianshan (Chilianshan), Northwest China. Journal of Paleontology, 2019, 93, 1175-1209.	0.5	1
48	Homosyndrome in planktonic graptolites: implications for reproductive biology, population ecology, and macroevolution. The Paleontological Society Special Publications, 1992, 6, 215-215.	0.0	0