

# Charles E Mitchell

## List of Publications by Year in descending order

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48  
papers

1,794  
citations

236833

25  
h-index

265120

42  
g-index

48  
all docs

48  
docs citations

48  
times ranked

989  
citing authors

#	ARTICLE	IF	CITATIONS
1	Late Ordovician mass extinction caused by volcanism, warming, and anoxia, not cooling and glaciation: COMMENT. <i>Geology</i> , 2020, 48, e509-e509.	2.0	5
2	A restudy of the Sandbian to Katian (Upper Ordovician) graptolites from the East Qilianshan (Chilianshan), Northwest China. <i>Journal of Paleontology</i> , 2019, 93, 1175-1209.	0.5	1
3	Aligned trace fossils from the Utica Shale: implications for mode of life and feeding in the trilobite <i>Triarthrus beckii</i> . <i>Lethaia</i> , 2017, 50, 69-78.	0.6	4
4	The impact of geographic range, sampling, ecology, and time on extinction risk in the volatile clade Graptoloida. <i>Paleobiology</i> , 2017, 43, 85-113.	1.3	5
5	A new approach to quantifying stratigraphical resolution: application to global stratotypes. <i>Lethaia</i> , 2017, 50, 407-423.	0.6	3
6	Graptolite community responses to global climate change and the Late Ordovician mass extinction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 8380-8385.	3.3	29
7	Stratigraphic correlations using trace elements in apatite from Late Ordovician (Sandbian-Katian) K-bentonites of eastern North America. <i>Bulletin of the Geological Society of America</i> , 2015, 127, 1259-1274.	1.6	45
8	A re-examination of the contributions of biofacies and geographic range to extinction risk in Ordovician graptolites. <i>Gff</i> , 2014, 136, 38-41.	0.4	5
9	Geobiodiversity Database: a comprehensive section-based integration of stratigraphic and paleontological data. <i>Newsletters on Stratigraphy</i> , 2013, 46, 111-136.	0.5	37
10	Horizon annealing: a collection-based approach to automated sequencing of the fossil record. <i>Lethaia</i> , 2012, 45, 532-547.	0.6	5
11	Graptoloid diversity and disparity became decoupled during the Ordovician mass extinction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 3428-3433.	3.3	76
12	Biogeography and Mass Extinction: Extirpation and re-invasion of <i>Normalograptus</i> species (Graptolithina) in the Late Ordovician Palaeotropics. <i>Proceedings of the Yorkshire Geological Society</i> , 2011, 58, 227-246.	0.2	27
13	Geographic and stratigraphic change in the morphology of <i>Triarthrus beckii</i> (Green) (Trilobita): a test of the Plus-À change model of evolution. <i>Lethaia</i> , 2009, 42, 108-125.	0.6	9
14	THE STRUCTURE AND POSSIBLE FUNCTION OF "BASAL MEMBRANES"™ IN THE SPINOUSE CLIMACOGRAPTID GRAPTOLITE APPENDISPINOGRAPTUS LI AND LI 1985. <i>Journal of Paleontology</i> , 2007, 81, 1122-1127.	0.5	3
15	The Global Boundary Stratotype Section and Point (GSSP) for the base of the Hirnantian Stage (the) Tj ETQq1 1 0.784314 rgBT /Overbo	0.8	199
16	PATTERNS AND PROCESSES OF LATEST ORDOVICIAN GRAPTOLITE EXTINCTION AND RECOVERY BASED ON DATA FROM SOUTH CHINA. <i>Journal of Paleontology</i> , 2005, 79, 842-861.	0.5	97
17	A combined landmark and outline-based approach to ontogenetic shape change in the Ordovician trilobite <i>Triarthrus becki</i> . , 2004, , 67-82.		42
18	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. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2004, 210, 331-346.	1.0	42

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19	Ashgillian graptolite fauna of the Yangtze region and the biogeographical distribution of diversity in the latest Ordovician. <i>Bulletin - Societe Geologique De France</i> , 2003, 174, 141-148.	0.9	27
20	Morphometric analysis of ontogeny and allometry of the Middle Ordovician trilobite <i>Triarthrus becki</i> . <i>Paleobiology</i> , 2002, 28, 364-377.	1.3	35
21	Geodynamical interpretation of a major unconformity in the Taconic Foredeep: slide scar or onlap unconformity?. <i>Physics and Chemistry of the Earth</i> , 2002, 27, 169-201.	1.2	25
22	Why the null matters: statistical tests, random walks and evolution. <i>Genetica</i> , 2001, 112/113, 105-125.	0.5	70
23	Early Darriwilian graptolites from central and western China. <i>Alcheringa</i> , 2001, 25, 191-210.	0.5	26
24	Uncorrelated change produces the apparent dependence of evolutionary rate on interval. <i>Paleobiology</i> , 2001, 27, 429-445.	1.3	59
25	Evidence of a tectonically driven sequence succession in the Middle Ordovician Taconic foredeep. <i>Geology</i> , 2000, 28, 727.	2.0	21
26	Late Ordovician to earliest Silurian graptolite and brachiopod biozonation from the Yangtze region, South China, with a global correlation. <i>Geological Magazine</i> , 2000, 137, 623-650.	0.9	205
27	Graptolites from the Qilang and Yingan formations (Caradoc, Ordovician) of Kalpin, western Tarim, Xinjiang, China. <i>Journal of Paleontology</i> , 2000, 74, 282-300.	0.5	11
28	GRAPTOLITES FROM THE QILANG AND YINGAN FORMATIONS (CARADOC, ORDOVICIAN) OF KALPIN, WESTERN TARIM, XINJIANG, CHINA. <i>Journal of Paleontology</i> , 2000, 74, 282-300.	0.5	9
29	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?. <i>Paleobiology</i> , 1999, 25, 273-294.	1.3	29
30	Anticostia, a distinctive new Late Ordovician "glyptograptid" (Diplograptacea, Graptoloidea) based on three-dimensionally preserved specimens from Anticosti Island, Quebec. <i>Canadian Journal of Earth Sciences</i> , 1997, 34, 215-228.	0.6	14
31	Evolution and phylogenetic classification of the Glossograptidae and Arienigraptidae (Graptoloidea): new data and remaining questions. <i>Journal of Paleontology</i> , 1996, 70, 641-655.	0.5	28
32	Revision of the Zone 13 graptolite biostratigraphy in the Marathon, Texas, standard succession and its bearing on Upper Ordovician graptolite biogeography. <i>Lethaia</i> , 1995, 28, 115-128.	0.6	28
33	Proposal for adoption of the base of the <i>Undulograptus austrodentatus</i> Biozone as a global Ordovician stage and series boundary level. <i>Lethaia</i> , 1995, 28, 317-331.	0.6	30
34	Tephrochronology of highly altered ash beds: the use of trace element and strontium isotope geochemistry of apatite phenocrysts to correlate K-bentonites. <i>Geochimica Et Cosmochimica Acta</i> , 1995, 59, 2527-2536.	1.6	27
35	Rhyolitic glass in Ordovician K-bentonites: A new stratigraphic tool. <i>Geology</i> , 1994, 22, 115.	2.0	40
36	K-Bentonites and Graptolite Biostratigraphy in the Middle Ordovician of New York State and Quebec: A New Chronostratigraphic Model. <i>Palaios</i> , 1994, 9, 124.	0.6	39

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37	Temporal and spatial distribution of biozones and facies relative to geochemically correlated K-bentonites in the Middle Ordovician Taconic foredeep. <i>Geology</i> , 1994, 22, 715.	2.0	37
38	A comparison of crayfish burrow morphologies: Triassic and Holocene fossil, paleo- and neo-technological evidence, and the identification of their burrowing signatures. <i>Ichnos</i> , 1993, 2, 291-314.	0.8	193
39	Application of morphologic burrow interpretations to discern continental burrow architects: Lungfish or crayfish?. <i>Ichnos</i> , 1993, 2, 315-333.	0.8	86
40	In situ crustoid graptolite colonies from an Upper Ordovician hardground, southwestern Ohio. <i>Journal of Paleontology</i> , 1993, 67, 1011-1016.	0.5	7
41	Homosyndrome in planktonic graptolites: implications for reproductive biology, population ecology, and macroevolution. <i>The Paleontological Society Special Publications</i> , 1992, 6, 215-215.	0.0	0
42	Stratotype of Ordovician Whiterock Series. <i>Palaios</i> , 1991, 6, 156.	0.6	20
43	Trans-Pacific graptolite faunal relations: the biostratigraphic position of the base of the Cincinnati Series (Upper Ordovician) in the standard Australian graptolite zone succession. <i>Journal of Paleontology</i> , 1990, 64, 992-997.	0.5	14
44	Morphology, systematics, and evolution of Middle Devonian Ambocoeliidae (Brachiopoda), western New York. <i>Journal of Paleontology</i> , 1990, 64, 79-99.	0.5	28
45	Revision of <i>Corynoides ultimus</i> Ruedemann (Graptolithina) and its relationship to <i>Corynites</i> Kozłowski. <i>Journal of Paleontology</i> , 1989, 63, 382-384.	0.5	1
46	The morphology and ultrastructure of <i>Brevigraptus quadrithecatus</i> n. gen., n. sp. (Diplograptacea), and its convergence upon <i>Dicaulograptus hystrix</i> (Bulman). <i>Journal of Paleontology</i> , 1988, 62, 448-463.	0.5	11
47	The graptolite correlation of the North American Upper Ordovician Standard. <i>Lethaia</i> , 1986, 19, 247-266.	0.6	35
48	Morphometric studies of <i>Climacograptus</i> (Hall) and the phylogenetic significance of astogeny. <i>Geological Society Special Publication</i> , 1986, 20, 119-129.	0.8	5