

M Paul Smith

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,151
citations

430874

18
h-index

414414

32
g-index

43
all docs

43
docs citations

43
times ranked

824
citing authors

#	ARTICLE	IF	CITATIONS
1	The affinities of conodonts—new evidence from the Carboniferous of Edinburgh, Scotland. <i>Lethaia</i> , 1986, 19, 279-291.	1.4	133
2	Scales of thelodont and shark-like fishes from the Ordovician of Colorado. <i>Nature</i> , 1996, 379, 628-630.	27.8	120
3	Causes of the Cambrian Explosion. <i>Science</i> , 2013, 341, 1355-1356.	12.6	75
4	Dentine in conodonts. <i>Nature</i> , 1994, 368, 591-591.	27.8	63
5	The anatomy of <i>Turinia pagei</i> (Powrie), and the phylogenetic status of the Thelodonti. <i>Transactions of the Royal Society of Edinburgh: Earth Sciences</i> , 2001, 92, 15-37.	0.7	59
6	Brain and eyes of <i>Kerygmachela</i> reveal protocerebral ancestry of the panarthropod head. <i>Nature Communications</i> , 2018, 9, 1019.	12.8	52
7	Evaluation of Touchable 3D-Printed Replicas in Museums. <i>Curator</i> , 2017, 60, 445-465.	0.6	50
8	Digital Responses of UK Museum Exhibitions to the COVID-19 Crisis, March – June 2020. <i>Curator</i> , 2021, 64, 487-504.	0.6	43
9	Oxygen isotope variability in conodonts: implications for reconstructing Palaeozoic palaeoclimates and palaeoceanography. <i>Journal of the Geological Society</i> , 2012, 169, 239-250.	2.1	42
10	Nonbiomineralized carapaces in Cambrian seafloor landscapes (Sirius Passet, Greenland): Opening a new window into early Phanerozoic benthic ecology. <i>Geology</i> , 2012, 40, 519-522.	4.4	42
11	The Sirius Passet Lagerstätte of North Greenland: a remote window on the Cambrian Explosion. <i>Journal of the Geological Society</i> , 2019, 176, 1023-1037.	2.1	41
12	Lower Palaeozoic stratigraphy of the East Greenland Caledonides. <i>Geological Survey of Denmark and Greenland Bulletin</i> , 0, 6, 5-28.	2.0	34
13	A multivariate taxonomic analysis of the Late Carboniferous vertebrate ichnofauna of Alveley, southern Shropshire, England. <i>Palaeontology</i> , 2004, 47, 679-710.	2.2	31
14	Museum visitor preference for the physical properties of 3D printed replicas. <i>Journal of Cultural Heritage</i> , 2018, 32, 176-185.	3.3	31
15	Vetulicolians from the Lower Cambrian Sirius Passet Lagerstätte, North Greenland, and the polarity of morphological characters in basal deuterostomes. <i>Palaeontology</i> , 2011, 54, 711-719.	2.2	30
16	Conodont geothermometry and tectonic overburden in the northernmost East Greenland Caledonides. <i>Geological Magazine</i> , 2001, 138, 687-698.	1.5	26
17	Cambrian–Silurian development of the Laurentian margin of the Iapetus Ocean in Greenland and related areas. , 2008, , 137-167.		22
18	Upper Ordovician chondrichthyan-like scales from North America. <i>Palaeontology</i> , 2015, 58, 691-704.	2.2	22

#	ARTICLE	IF	CITATIONS
19	Paleoecologic and paleoceanographic interpretation of $\delta^{18}O$ variability in Lower Ordovician conodont species. <i>Geology</i> , 2018, 46, 467-470.	4.4	22
20	A composite tectonic-eustatic origin for shelf sandstones at the Cambrian-Ordovician boundary in North Greenland. <i>Journal of the Geological Society</i> , 1990, 147, 795-809.	2.1	20
21	The spatial and temporal diversification of Early Palaeozoic vertebrates. <i>Geological Society Special Publication</i> , 2002, 194, 69-83.	1.3	19
22	Cambrian-Ordovician stratigraphy of Björnåya and North Greenland: constraints on tectonic models for the Arctic Caledonides and the Tertiary opening of the Greenland Sea. <i>Journal of the Geological Society</i> , 2000, 157, 459-470.	2.1	18
23	The Sirius Passet Lagerstätte of North Greenland-A geochemical window on early Cambrian low-oxygen environments and ecosystems. <i>Geobiology</i> , 2019, 17, 12-26.	2.4	14
24	Conodonts are not aplousobranch molluscs. <i>Lethaia</i> , 1987, 20, 381-382.	1.4	14
25	The Caledonian thin-skinned thrust belt of Kronprins Christian Land, eastern North Greenland. <i>Geological Survey of Denmark and Greenland Bulletin</i> , 0, 6, 41-56.	2.0	14
26	Diversity of the dermal skeleton in Ordovician to Silurian vertebrate taxa from North America: Histology, skeletogenesis and relationships. <i>Geobios</i> , 1995, 28, 65-70.	1.4	13
27	Neoproterozoic sedimentary basins with glacial deposits of the East Greenland Caledonides. , 2008, , 99-136.		12
28	Designing 3-D Prints for Blind and Partially Sighted Audiences in Museums: Exploring the Needs of Those Living with Sight Loss. <i>Visitor Studies</i> , 2020, 23, 120-140.	0.9	12
29	The Neoproterozoic Rivieradal Group of Kronprins Christian Land, eastern North Greenland. <i>Geological Survey of Denmark and Greenland Bulletin</i> , 0, 6, 29-39.	2.0	12
30	Late Ordovician vertebrates from the Bighorn Mountains of Wyoming, USA. <i>Palaeontology</i> , 2005, 48, 31-48.	2.2	11
31	Systematics, shell structure and affinities of the Palaeozoic Problematicum <i>Cornulites</i> . <i>Zoological Journal of the Linnean Society</i> , 2007, 150, 681-699.	2.3	10
32	Evolutionary and ecological significance of <i>Lepidaster grayi</i> , the earliest multiradiate starfish. <i>Zoological Journal of the Linnean Society</i> , 2007, 150, 743-754.	2.3	7
33	<i>Panderodus</i> from the Waukesha Lagerstätte of Wisconsin, USA: a primitive macrophagous vertebrate predator. <i>Papers in Palaeontology</i> , 2021, 7, 1977.	1.5	7
34	The latest vertebrates are the earliest. <i>Geology Today</i> , 1994, 10, 141-145.	0.9	6
35	The Harding sandstone revisited -a new look at some old bones. <i>Geobios</i> , 1995, 28, 57-59.	1.4	6
36	STARFISH DIVERSITY IN THE WENLOCK OF ENGLAND. <i>Palaeontology</i> , 2007, 50, 1211-1229.	2.2	5

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37	Paleogeography of the Great American Carbonate Bank of Laurentia in the Earliest Ordovician (Early) Tj ETQq1 1 0.784314 rgBT /Over		
38	Sequence Stratigraphy of the Scottish Laurentian Margin and Recognition of the Sauk Megasequence. , 2012, , .		3
39	The apparatus composition and architecture of <i>Erismodus quadridactylus</i> and the implications for element homology in prioniodinin conodonts. Papers in Palaeontology, 2019, 5, 657-677.	1.5	3
40	Conodonts are not aplacophoran molluscs. Lethaia, 1987, 20, 381-382.	1.4	2
41	The Oxford Dodo. Seeing more than ever before: X-ray micro-CT scanning, specimen acquisition and provenance. Historical Biology, 2020, , 1-9.	1.4	2
42	Introductionâ€”The Caledonides of Greenland. , 2008, , v-xv.		0
43	Paleoecologic and palaeoceanographic interpretation of $\delta^{18}O$ variability in Lower Ordovician conodont species: REPLY. Geology, 2018, 46, e452-e452.	4.4	0