

Nigel C Hughes

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

2,274
citations

236925

25
h-index

223800

46
g-index

61
all docs

61
docs citations

61
times ranked

1099
citing authors

#	ARTICLE	IF	CITATIONS
1	A <i>Glyptagnostus reticulatus</i> trilobite faunule from the Cambrian of the Northern Qilian Mountains, northwest China, and its paleogeographical implications. <i>Journal of Paleontology</i> , 2022, 96, 875-885.	0.8	1
2	Revision of F. R. C. Reed's Ordovician trilobite types from Myanmar (Burma) and western Yunnan Province, China. <i>Zootaxa</i> , 2022, 5162, 301-356.	0.5	9
3	Articulated trilobite ontogeny: suggestions for a methodological standard. <i>Journal of Paleontology</i> , 2021, 95, 298-304.	0.8	10
4	Absolute axial growth and trunk segmentation in the early Cambrian trilobite <i>Oryctocarella duyunensis</i> . <i>Paleobiology</i> , 2021, 47, 517-532.	2.0	7
5	Development of the early Cambrian oryctocephalid trilobite <i>Oryctocarella duyunensis</i> from western Hunan, China. <i>Journal of Paleontology</i> , 2021, 95, 777-792.	0.8	4
6	The trilobite upper limb branch is a well-developed gill. <i>Science Advances</i> , 2021, 7, .	10.3	17
7	The young and the vestless. <i>Nature Ecology and Evolution</i> , 2021, 5, 1060-1061.	7.8	0
8	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 Sibumasu. <i>Journal of Asian Earth Sciences</i> , 2021, 214, 104775.	2.3	11
9	<i>Satunarcus</i> , a new late Cambrian trilobite genus from southernmost Thailand and a reevaluation of the subfamily Mansuyiinae HupÅ©, 1955. <i>Journal of Paleontology</i> , 2020, 94, 867-880.	0.8	7
10	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
11	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
12	Ontogeny of the articulated yiliangelline trilobite <i>Zhangshania typica</i> from the lower Cambrian (Series 2, Stage 3) of southern China. <i>Journal of Paleontology</i> , 2017, 91, 86-99.	0.8	21
13	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
14	The Development of the Silurian Trilobite <i>Aulacopleura koninckii</i> Reconstructed by Applying Inferred Growth and Segmentation Dynamics: A Case Study in Paleo-Evo-Devo. <i>Frontiers in Ecology and Evolution</i> , 2017, 5, .	2.2	19
15	Himalayan Cambrian hyoliths. <i>Papers in Palaeontology</i> , 2016, 2, 323-341.	1.5	4
16	Axial growth gradients across the postprotaspid ontogeny of the Silurian trilobite <i>Aulacopleura koninckii</i> . <i>Paleobiology</i> , 2016, 42, 426-438.	2.0	12
17	Cambrian-Ordovician orogenesis in Himalayan equatorial Gondwana. <i>Bulletin of the Geological Society of America</i> , 2016, 128, 1679-1695.	3.3	67
18	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

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19	The Cambrian palaeontological record of the Indian subcontinent. <i>Earth-Science Reviews</i> , 2016, 159, 428-461.	9.1	60
20	Cambrian microfossils from the Tethyan Himalaya. <i>Journal of Paleontology</i> , 2016, 90, 10-30.	0.8	19
21	Himalayan Cambrian brachiopods. <i>Papers in Palaeontology</i> , 2015, 1, 345-399.	1.5	52
22	Early postembryonic to mature ontogeny of the oryctocephalid trilobite <i>Duodingia duodingensis</i> from the lower Cambrian (Series 2) of southern China. <i>Papers in Palaeontology</i> , 2015, 1, 497-513.	1.5	17
23	Age and implications of the phosphatic Birmania Formation, Rajasthan, India. <i>Precambrian Research</i> , 2015, 267, 164-173.	2.7	25
24	Size, shape, and systematics of the Silurian trilobite <i>Aulacopleura koninckii</i> . <i>Journal of Paleontology</i> , 2014, 88, 1120-1138.	0.8	15
25	Terminal suturing of Gondwana along the southern margin of South China Craton: Evidence from detrital zircon U-Pb ages and Hf isotopes in Cambrian and Ordovician strata, Hainan Island. <i>Tectonics</i> , 2014, 33, 2490-2504.	2.8	72
26	Plate tectonic influences on Neoproterozoic–early Paleozoic climate and animal evolution. <i>Geology</i> , 2014, 42, 127-130.	4.4	86
27	Precambrian–Cambrian boundary interval occurrence and form of the enigmatic tubular body fossil <i>Schaanxilithes ningqiangensis</i> from the Lesser Himalaya of India. <i>Palaeontology</i> , 2014, 57, 283-298.	2.2	45
28	Positional specification in the segmental growth pattern of an early arthropod. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20133037.	2.6	19
29	Onset of Maturity and Ontogenetic Tagmatization of the Pygidium in the Development of <i>Lonchopygella megaspina</i> (Trilobita, Later Furongian, Cambrian). <i>Journal of Paleontology</i> , 2013, 87, 472-483.	0.8	9
30	DEVELOPMENTAL TRAIT EVOLUTION IN TRILOBITES. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 314-329.	2.3	42
31	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
32	Trilobites and zircons link north China with the eastern Himalaya during the Cambrian. <i>Geology</i> , 2011, 39, 591-594.	4.4	136
33	Cambrian rocks and faunas of the Wachi La, Black Mountains, Bhutan. <i>Geological Magazine</i> , 2011, 148, 351-379.	1.5	59
34	Purujosa trilobite assemblage and the evolution of trilobite enrollment. <i>Geology</i> , 2011, 39, 575-578.	4.4	38
35	Ventral structure and ontogeny of the late Furongian (Cambrian) trilobite <i>Guangxiaspis guangxiensis</i> Zhou, 1977 and the diphyletic origin of the median suture. <i>Journal of Paleontology</i> , 2010, 84, 493-504.	0.8	18
36	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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37	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
38	Trilobites. <i>Current Biology</i> , 2008, 18, R236-R237.	3.9	0
39	Basal euarthropod development: a fossil-based perspective. , 2008, , 281-298.		14
40	The Evolution of Trilobite Body Patterning. <i>Annual Review of Earth and Planetary Sciences</i> , 2007, 35, 401-434.	11.0	117
41	Strength in numbers: High phenotypic variance in early Cambrian trilobites and its evolutionary implications. <i>BioEssays</i> , 2007, 29, 1081-1084.	2.5	9
42	Evaluating pedomorphic heterochrony in trilobites: the case of the diminutive trilobite <i>Flexicalymene retrorsa minuens</i> from the Cincinnatian Series (Upper Ordovician), Cincinnati region. <i>Evolution & Development</i> , 2007, 9, 483-498.	2.0	17
43	The ontogeny of trilobite segmentation: a comparative approach. <i>Paleobiology</i> , 2006, 32, 602-627.	2.0	126
44	The end of everything: metazoan terminal addition. <i>Evolution & Development</i> , 2005, 7, 497-497.	2.0	6
45	Terminal addition, the Cambrian radiation and the Phanerozoic evolution of bilaterian form. <i>Evolution & Development</i> , 2005, 7, 498-514.	2.0	57
46	Development of the caudal exoskeleton of the pliomerid trilobite <i>Hintzeia plicamarginis</i> new species. <i>Evolution & Development</i> , 2005, 7, 528-541.	2.0	18
47	Cambrian biostratigraphy of the Tal Group, Lesser Himalaya, India, and early Tsanglangpuan (late early) Tj ETQq1 1 0.784314 180 BT /Over 1.5	1.5	180
48	Rules, scales, and the tick of animal development. <i>Paleobiology</i> , 2004, 30, 482-485.	2.0	0
49	Exploring Developmental Modes in a Fossil Arthropod: Growth and Trunk Segmentation of the Trilobite <i>Aulacopleura konincki</i> . <i>American Naturalist</i> , 2004, 163, 167-183.	2.1	70
50	Trilobite body patterning and the evolution of arthropod tagmosis. <i>BioEssays</i> , 2003, 25, 386-395.	2.5	62
51	Trilobite Tagmosis and Body Patterning from Morphological and Developmental Perspectives. <i>Integrative and Comparative Biology</i> , 2003, 43, 185-206.	2.0	76
52	KUNMINGASPIS (TRIOBITA) PUTATIVELY FROM THE YUNLING COLLAGE, AND THE CAMBRIAN HISTORY OF THE EASTERN HIMALAYAN SYNTAXIAL REGION. <i>Journal of Paleontology</i> , 2002, 76, 709.	0.8	16
53	Morphometry and Phylogeny in the Resolution of Paleobiological Problems – Unlocking the Evolutionary Significance of an Assemblage of Silurian Trilobites. <i>Topics in Geobiology</i> , 2001, , 29-54.	0.5	7
54	Paleobiologic and taphonomic aspects of the <i>granulosa</i> trilobite cluster, Kope Formation (Upper Ordovician, Cincinnati Region). <i>Journal of Paleontology</i> , 1999, 73, 306-319.	0.8	37

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55	The stability of thoracic segmentation in trilobites: a case study in developmental and ecological constraints. <i>Evolution & Development</i> , 1999, 1, 24-35.	2.0	72
56	Heat and Light in the "Crucible of Creation" - Crucible of Creation. Simon Conway Morris, Oxford University Press, Oxford. 1998. 272 pages. Cloth \$30.00. <i>Paleobiology</i> , 1998, 24, 534-536.	2.0	1
57	Growth and variation in the Silurian proetide trilobite <i>Aulacopleura konincki</i> and its implications for trilobite palaeobiology. <i>Lethaia</i> , 1995, 28, 333-353.	1.4	74
58	Morphological plasticity and genetic flexibility in a Cambrian trilobite. <i>Geology</i> , 1991, 19, 913.	4.4	48
59	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
60	Systematic paleontology, acritarch biostratigraphy, and ¹³ C chemostratigraphy of the early Ediacaran Krol A Formation, Lesser Himalaya, northern India. <i>Journal of Paleontology</i> , 0, , 1-62.	0.8	7