

Stephen McLoughlin

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/824504/stephen-mcloughlin-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

100
papers

3,457
citations

34
h-index

56
g-index

109
ext. papers

3,908
ext. citations

3.2
avg, IF

5.83
L-index

#	Paper	IF	Citations
100	Synchrotron X-ray imaging reveals the three-dimensional architecture of beetle borings (<i>Dekosichnus meniscatus</i>) in Middle-Late Jurassic araucarian conifer wood from Argentina. <i>Review of Palaeobotany and Palynology</i> , 2022 , 297, 104568	1.7	1
99	Environmental change in the late Permian of Queensland, NE Australia: The warmup to the end-Permian Extinction. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022 , 594, 110936	2.9	2
98	Life in the woods: Taphonomic evolution of a diverse saproxylic community within fossil woods from Upper Cretaceous submarine mass flow deposits (Mzamba Formation, southeast Africa). <i>Gondwana Research</i> , 2022 , 109, 113-133	5.1	0
97	Sedimentology of the continental end-Permian extinction event in the Sydney Basin, eastern Australia. <i>Sedimentology</i> , 2021 , 68, 30-62	3.3	13
96	Gymnosperms 2021 , 476-500		3
95	Permian-Triassic non-marine algae of Gondwana: Distributions, natural affinities and ecological implications. <i>Earth-Science Reviews</i> , 2021 , 212, 103382	10.2	9
94	The first Cretaceous megaspores from Ukraine. <i>Cretaceous Research</i> , 2021 , 118, 104649	1.8	1
93	Lethal microbial blooms delayed freshwater ecosystem recovery following the end-Permian extinction. <i>Nature Communications</i> , 2021 , 12, 5511	17.4	5
92	The reproductive biology of glossopterid gymnosperms: A review. <i>Review of Palaeobotany and Palynology</i> , 2021 , 295, 104527	1.7	2
91	Age and Paleoenvironmental Significance of the Frazer Beach Member: A New Lithostratigraphic Unit Overlying the End-Permian Extinction Horizon in the Sydney Basin, Australia. <i>Frontiers in Earth Science</i> , 2021 , 8,	3.5	7
90	Refined Permian-Triassic floristic timeline reveals early collapse and delayed recovery of south polar terrestrial ecosystems. <i>Bulletin of the Geological Society of America</i> , 2020 , 132, 1489-1513	3.9	32
89	Marine and terrestrial invertebrate borings and fungal damage in Paleogene fossil woods from Seymour Island, Antarctica. <i>Gff</i> , 2020 , 142, 223-236	0.9	6
88	DWELLING IN THE DEAD ZONE: VERTEBRATE BURROWS IMMEDIATELY SUCCEEDING THE END-PERMIAN EXTINCTION EVENT IN AUSTRALIA. <i>Palaios</i> , 2020 , 35, 342-357	1.6	10
87	New fossil woods from lower Cenozoic volcano-sedimentary rocks of the Fildes Peninsula, King George Island, and the implications for the trans-Antarctic Peninsula Eocene climatic gradient. <i>Papers in Palaeontology</i> , 2020 , 6, 1-29	2.5	3
86	End-Permian (252 Mya) deforestation, wildfires and flooding: An ancient biotic crisis with lessons for the present. <i>Earth and Planetary Science Letters</i> , 2020 , 529, 115875	5.3	61
85	The architecture of Permian glossopterid ovuliferous reproductive organs. <i>Alcheringa</i> , 2019 , 43, 480-510		5
84	Age and pattern of the southern high-latitude continental end-Permian extinction constrained by multiproxy analysis. <i>Nature Communications</i> , 2019 , 10, 385	17.4	101

83	A New High-Paleolatitude Late Permian Permineralized Peat Flora from the Sydney Basin, Australia. <i>International Journal of Plant Sciences</i> , 2019 , 180, 513-539	2.6	14
82	Plant mobility in the Mesozoic: Disseminule dispersal strategies of Chinese and Australian Middle Jurassic to Early Cretaceous plants. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019 , 515, 47-69	3.9	7
81	Did mangrove communities exist in the Late Cretaceous of the Kristianstad Basin, Sweden?. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018 , 498, 99-114	2.9	5
80	The first record of the Permian Glossopteris flora from Sri Lanka: implications for hydrocarbon source rocks in the Mannar Basin. <i>Geological Magazine</i> , 2018 , 155, 907-920	2	6
79	<i>Pachytestopsis tayloriorum</i> gen. et sp. nov., an Anatomically Preserved Glossopterid Seed From the Lopongian of Queensland, Australia 2018 , 155-178		1
78	Polar Regions of the Mesozoic-Cenozoic Greenhouse World as Refugia for Relict Plant Groups 2018 , 593-611		14
77	Flora of the Late Triassic. <i>Topics in Geobiology</i> , 2018 , 545-622	0.2	21
76	The diversity of Australian Mesozoic bennettitopsid reproductive organs. <i>Palaeobiodiversity and Palaeoenvironments</i> , 2018 , 98, 71-95	0.9	10
75	The first Cenozoic Equisetum from New Zealand. <i>Geobios</i> , 2017 , 50, 259-265	1.5	4
74	Molecular signatures of fossil leaves provide unexpected new evidence for extinct plant relationships. <i>Nature Ecology and Evolution</i> , 2017 , 1, 1093-1099	12.3	22
73	The fossil Osmundales (Royal Ferns)-a phylogenetic network analysis, revised taxonomy, and evolutionary classification of anatomically preserved trunks and rhizomes. <i>PeerJ</i> , 2017 , 5, e3433	3.1	23
72	Siluro-Devonian trace fossils from the Mereenie Sandstone, Kings Canyon, Watarrka National Park, Amadeus Basin, Northern Territory, Australia. <i>Alcheringa</i> , 2016 , 40, 118-128	1	8
71	Biotic interactions in an exceptionally well preserved osmundaceous fern rhizome from the Early Jurassic of Sweden. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016 , 464, 86-96	2.9	19
70	Disrupted vegetation as a response to Jurassic volcanism in southern Sweden. <i>Geological Society Special Publication</i> , 2016 , 434, 127-147	1.7	5
69	A New Genus of Glossopterid Fructifications from the Artinskian to Changhsingian of Eastern Australia. <i>Ameghiniana</i> , 2016 , 53, 586-598	0.9	5
68	Using more than the oldest fossils: dating osmundaceae with three Bayesian clock approaches. <i>Systematic Biology</i> , 2015 , 64, 396-405	8.4	43
67	Fossilized spermatozoa preserved in a 50-Myr-old annelid cocoon from Antarctica. <i>Biology Letters</i> , 2015 , 11,	3.6	23
66	<i>Paurodendron stellatum</i> : A new Permian permineralized herbaceous lycopoid from the Prince Charles Mountains, Antarctica. <i>Review of Palaeobotany and Palynology</i> , 2015 , 220, 1-15	1.7	15

65	Osmunda pulchella sp. nov. from the Jurassic of Sweden--reconciling molecular and fossil evidence in the phylogeny of modern royal ferns (Osmundaceae). <i>BMC Evolutionary Biology</i> , 2015 , 15, 126	3	20
64	Early Triassic (early Olenekian) life in the interior of East Gondwana: mixed marine/terrestrial biota from the Kockatea Shale, Western Australia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015 , 417, 511-533	2.9	42
63	Cheirolepidiacean foliage and pollen from Cretaceous high-latitudes of southeastern Australia. <i>Gondwana Research</i> , 2015 , 27, 960-977	5.1	37
62	The record of Australian Jurassic plant/arthropod interactions. <i>Gondwana Research</i> , 2015 , 27, 940-959	5.1	36
61	A high-latitude Gondwanan lagerstätte: The Permian permineralised peat biota of the Prince Charles Mountains, Antarctica. <i>Gondwana Research</i> , 2015 , 27, 1446-1473	5.1	65
60	Fossilized nuclei and chromosomes reveal 180 million years of genomic stasis in royal ferns. <i>Science</i> , 2014 , 343, 1376-7	33.3	93
59	Megaspore and microfossil assemblages reveal diverse herbaceous lycophytes in the Australian Early Jurassic flora. <i>Grana</i> , 2014 , 53, 22-53	0.8	15
58	Divaricate growth habit in Williamsoniaceae (Bennettitales): unravelling the ecology of a key Mesozoic plant group. <i>Palaeobiodiversity and Palaeoenvironments</i> , 2014 , 94, 307-325	0.9	24
57	Which name(s) should be used for Araucaria-like fossil wood? Results of a poll. <i>Taxon</i> , 2014 , 63, 177-184	0.8	47
56	Habit and Ecology of the Petriellales, an Unusual Group of Seed Plants from the Triassic of Gondwana. <i>International Journal of Plant Sciences</i> , 2014 , 175, 1062-1075	2.6	30
55	Early evidence of xeromorphy in angiosperms: stomatal encryption in a new eocene species of Banksia (Proteaceae) from Western Australia. <i>American Journal of Botany</i> , 2014 , 101, 1486-97	2.7	21
54	Peronosporomycetes (Oomycota) from a Middle Permian permineralised peat within the Bainmedart Coal Measures, Prince Charles Mountains, Antarctica. <i>PLoS ONE</i> , 2013 , 8, e70707	3.7	20
53	Trichomes on the leaves of Anomozamites villosus sp. nov. (Bennettitales) from the Daohugou beds (Middle Jurassic), Inner Mongolia, China: Mechanical defence against herbivorous arthropods. <i>Review of Palaeobotany and Palynology</i> , 2012 , 169, 48-60	1.7	53
52	The status of Jambadostrobus Chandra and Surange (Glossopteridales). <i>Review of Palaeobotany and Palynology</i> , 2012 , 171, 1-8	1.7	8
51	Two new Senothecha (Glossopteridales) species from the Sydney Basin, Australia, and a review of the genus. <i>Review of Palaeobotany and Palynology</i> , 2012 , 171, 140-151	1.7	9
50	Parallel evolution of angiosperm colour signals: common evolutionary pressures linked to hymenopteran vision. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012 , 279, 3606-15	4.4	125
49	Baikalophyllum lobatum and Rehezamites anislobus: Two Seed Plants with Cycadophyte-like Foliage from the Early Cretaceous of Eastern Asia. <i>International Journal of Plant Sciences</i> , 2012 , 173, 192-208	2.6	16
48	Nogoa nom. nov., a replacement name for Comestia McLoughlin. <i>Alcheringa</i> , 2012 , 36, 279-281	1	7

47	Animal-plant interactions in a Middle Permian permineralised peat of the Bainmedart Coal Measures, Prince Charles Mountains, Antarctica. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012 , 363-364, 109-126	2.9	49
46	New records of leaf galls and arthropod oviposition scars in Permian - Triassic Gondwanan gymnosperms. <i>Australian Journal of Botany</i> , 2011 , 59, 156	1.2	51
45	The Rhaetian flora of Rjåla, northern Scania, Sweden. <i>Palaeontology</i> , 2011 , 54, 1025-1051	2.9	33
44	Guadalupian (Middle Permian) megaspores from a permineralised peat in the Bainmedart Coal Measures, Prince Charles Mountains, Antarctica. <i>Review of Palaeobotany and Palynology</i> , 2011 , 167, 140-155	1.7	18
43	Ptilophyllum muelleri(Ettingsh.) comb. nov. from the Oligocene of Australia: Last of the Bennettitales?. <i>International Journal of Plant Sciences</i> , 2011 , 172, 574-585	2.6	38
42	Thematic issue editorial: Austral Cretaceous-Paleogene palaeontology. <i>Alcheringa</i> , 2011 , 35, 191-191	1	0
41	The Australasian Cretaceous scene. <i>Alcheringa</i> , 2010 , 34, 197-203	1	6
40	The Winton Formation flora (Albian-Tenomanian, Eromanga Basin): implications for vascular plant diversification and decline in the Australian Cretaceous. <i>Alcheringa</i> , 2010 , 34, 303-323	1	42
39	Thematic issue editorial: Special studies in Austral Cenozoic palaeontology. <i>Alcheringa</i> , 2010 , 34, 431-431		
38	Late Palaeozoic Foliage from China Displays Affinities to Cycadales Rather than to Bennettitales Necessitating a Re-Evaluation of the Palaeozoic Pterophyllum Species. <i>Acta Palaeontologica Polonica</i> , 2010 , 55, 157-168		21
37	The Jurassic flora of Western Australia. <i>Gff</i> , 2009 , 131, 113-136	0.9	25
36	Bennettitalean foliage in the Rhaetian-Bajocian (latest Triassic-Middle Jurassic) floras of Scania, southern Sweden. <i>Review of Palaeobotany and Palynology</i> , 2009 , 158, 117-166	1.7	64
35	Australian Jurassic sedimentary and fossil successions: current work and future prospects for marine and non-marine correlation. <i>Gff</i> , 2009 , 131, 49-70	0.9	88
34	An Early Jurassic flora from the Clarence-Moreton Basin, Australia. <i>Review of Palaeobotany and Palynology</i> , 2008 , 150, 5-21	1.7	42
33	Early Jurassic annelid cocoons from eastern Australia. <i>Alcheringa</i> , 2008 , 32, 285-296	1	26
32	Seed ferns survived the end-Cretaceous mass extinction in Tasmania. <i>American Journal of Botany</i> , 2008 , 95, 465-71	2.7	51
31	Extinction and recovery patterns of the vegetation across the Cretaceous-Palaeogene boundary – a tool for unravelling the causes of the end-Permian mass-extinction. <i>Review of Palaeobotany and Palynology</i> , 2007 , 144, 99-112	1.7	76
30	Synchronous palynofloristic extinction and recovery after the end-Permian event in the Prince Charles Mountains, Antarctica: Implications for palynofloristic turnover across Gondwana. <i>Review of Palaeobotany and Palynology</i> , 2007 , 145, 89-122	1.7	97

29	A new Maastrichtian-Paleocene <i>Azolla</i> species from of Bolivia, with a comparison of the global record of coeval <i>Azolla</i> microfossils. <i>Alcheringa</i> , 2005 , 29, 305-329	1	45
28	Tectonic significance of the Lambert graben, East Antarctica: Reconstructing the Gondwanan rift. <i>Geology</i> , 2005 , 33, 197	5	85
27	Permian plant macrofossils from Fossilryggen, Vestfjella, Dronning Maud Land. <i>Antarctic Science</i> , 2005 , 17, 73-86	1.7	20
26	Ancient Wollemi Pines Resurgent. <i>American Scientist</i> , 2005 , 93, 540	2.7	8
25	Fungal proliferation at the Cretaceous-Tertiary boundary. <i>Science</i> , 2004 , 303, 1489	33.3	87
24	Early Cretaceous megaspore assemblages from southeastern Australia. <i>Cretaceous Research</i> , 2002 , 23, 807-844	1.8	25
23	Nothofagus Biogeography Revisited with Special Emphasis on the Enigmatic Distribution of Subgenus <i>Brassospora</i> in New Caledonia. <i>Cladistics</i> , 2001 , 17, 28-47	3.5	88
22	Biogeography of <i>Nothofagus</i> supports the sequence of Gondwana break-up. <i>Taxon</i> , 2001 , 50, 1025-1041	0.8	71
21	The breakup history of Gondwana and its impact on pre-Cenozoic floristic provincialism. <i>Australian Journal of Botany</i> , 2001 , 49, 271	1.2	531
20	Nothofagus Biogeography Revisited with Special Emphasis on the Enigmatic Distribution of Subgenus <i>Brassospora</i> in New Caledonia 2001 , 17, 28		2
19	Ancestral area analysis of <i>Nothofagus</i> (Nothofagaceae) and its congruence with the fossil record. <i>Australian Systematic Botany</i> , 2000 , 13, 469	1	25
18	Cainozoic euphorbiacean wood from the Canning Basin, Western Australia. <i>Alcheringa</i> , 2000 , 24, 243-256		5
17	Some Morphological Features of Wollemi Pine (<i>Wollemia nobilis</i> : Araucariaceae) and Their Comparison to Cretaceous Plant Fossils. <i>International Journal of Plant Sciences</i> , 1998 , 159, 160-171	2.6	72
16	Revised stratigraphy of the Permian Bainmedart Coal Measures, northern Prince Charles Mountains, East Antarctica. <i>Geological Magazine</i> , 1997 , 134, 335-353	2	44
15	Fluvial sedimentology and revised stratigraphy of the Triassic Flagstone Bench Formation, northern Prince Charles Mountains, East Antarctica. <i>Geological Magazine</i> , 1997 , 134, 781-806	2	37
14	Gondwanan floristic and sedimentological trends during the Permian-Triassic transition: new evidence from the Amery Group, northern Prince Charles Mountains, East Antarctica. <i>Antarctic Science</i> , 1997 , 9, 281-298	1.7	116
13	Intraspecific Variation of Taeniatae Bisaccate Pollen Within Permian Glossopterid Sporangia, from the Prince Charles Mountains, Antarctica. <i>International Journal of Plant Sciences</i> , 1997 , 158, 673-684	2.6	57
12	Anatomically preserved Glossopteris leaves from the Bowen and Sydney basins, Australia. <i>Review of Palaeobotany and Palynology</i> , 1997 , 97, 339-359	1.7	31

11	Anatomically preserved Permian Noeggerathiopsis leaves from east Antarctica. <i>Review of Palaeobotany and Palynology</i> , 1996 , 92, 207-227	1.7	38
10	Nothofagus plicata (Nothofagaceae), a new deciduous Eocene macrofossil species, from southern continental Australia. <i>Review of Palaeobotany and Palynology</i> , 1995 , 86, 199-209	1.7	20
9	New records of Bergiopteris and glossopterid fructifications from the Permian of Western Australia and Queensland. <i>Alcheringa</i> , 1995 , 19, 175-192	1	12
8	Plant fossil distributions in some Australian Permian non-marine sediments. <i>Sedimentary Geology</i> , 1993 , 85, 601-619	2.8	34
7	Permian sphenophytes from the Collie and Perth Basins, Western Australia. <i>Review of Palaeobotany and Palynology</i> , 1992 , 75, 153-182	1.7	16
6	Late Permian glossopterid fructifications from the Bowen and Sydney Basins, eastern Australia. <i>Geobios</i> , 1990 , 23, 283-297	1.5	30
5	Some Permian glossopterid fructifications and leaves from the Bowen Basin, Queensland, Australia. <i>Review of Palaeobotany and Palynology</i> , 1990 , 62, 11-40	1.7	47
4	First discovery of Small Shelly Fossils and new occurrences of brachiopods and trilobites from the early Cambrian (Stage 4) of the Swedish Caledonides, Lapland. <i>Gff</i> , 1-17	0.9	2
3	Trace fossils, algae, invertebrate remains and new U-Pb detrital zircon geochronology from the lower Cambrian Torneträk Formation, northern Sweden. <i>Gff</i> , 1-31	0.9	1
2	Neutron tomography, fluorescence and transmitted light microscopy reveal new insect damage, fungi and plant organ associations in the Late Cretaceous floras of Sweden. <i>Gff</i> , 1-29	0.9	4
1	Sphenobaiera insecta from the Upper Triassic of South Australia, with a clarification of the genus Sphenobaiera (fossil Ginkgophyta) and its delimitation from similar foliage genera. <i>Botany Letters</i> , 1-12	1.1	1