Sam Giles

List of Publications by Year
in descending order

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30 papers	790 citations	567281 15 h-index	552781 26 g-index
46 all docs	46 docs citations	46 times ranked	600 citing authors

#	Article	IF	Citations
1	A Permian fish reveals widespread distribution of neopterygian-like jaw suspension. ELife, 2022, 11, .	6.0	4
2	Redescription of the cranial skeleton of the Early Devonian (Emsian) sarcopterygian Durialepis edentatus Otto (Dipnomorpha, Porolepiformes). Papers in Palaeontology, 2021, 7, 789-806.	1.5	3
3	Cranial osteology of the Middle Jurassic (Callovian) Martillichthys renwickae (Neopterygii,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Papers in Palaeontology, 2021, 7, 111-136.	1.5	2
4	Endocast and Bony Labyrinth of a Devonian â€œPlacodermâ€•Challenges Stem Gnathostome Phylogeny. Current Biology, 2021, 31, 1112-1118.e4.	3.9	18
5	A UK perspective on tackling the geoscience racial diversity crisis in the Global North. Nature Geoscience, 2021, 14, 256-259.	12.9	38
6	Diverse stem-chondrichthyan oral structures and evidence for an independently acquired acanthodid dentition. Royal Society Open Science, 2021, 8, 210822.	2.4	4
7	Endochondral bone in an Early Devonian â€˜placodermâ€™ from Mongolia. Nature Ecology and Evolution, 2020, 4, 1477-1484.	7.8	38
8	Barriers to fieldwork in undergraduate geoscience degrees. Nature Reviews Earth & Environment, 2020, 1, 77-78.	29.7	64
9	A new actinopterygian from the Late Devonian Gogo Formation, Western Australia. Papers in Palaeontology, 2019, 5, 343-363.	1.5	5
10	Straight-washing ecological legacies. Nature Ecology and Evolution, 2019, 3, 1611-1611.	7.8	4
11	Bony labyrinth morphology in early neopterygian fishes (Actinopterygii: Neopterygii). Journal of Morphology, 2018, 279, 426-440.	1.2	14
12	Comparative anatomy of the gill skeleton of fossil Aulopiformes (Teleostei: Eurypterygii). Journal of Systematic Palaeontology, 2018, 16, 1221-1245.	1.5	7
13	Internal cranial anatomy of Early Triassic species of â€Saurichthys (Actinopterygii:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 267 Evolutionary Biology, 2018, 18, 161.	3.2	21
14	Feeding structures in the ray-finned fishEurynotus crenatus(Actinopterygii: Eurynotiformes): implications for trophic diversification among Carboniferous actinopterygians. Earth and Environmental Science Transactions of the Royal Society of Edinburgh, 2018, 109, 33-47.	0.3	14
15	Neurocranial anatomy of an enigmatic Early Devonian fish sheds light on early osteichthyan evolution. ELife, 2018, 7, .	6.0	24
16	Morphology and phylogenetic relationships of fossil snake mackerels and cutlassfishes (Trichiuroidea) from the Eocene (Ypresian) London Clay Formation. Papers in Palaeontology, 2018, 4, 577-603.	1.5	9
17	A giant dapediid from the Late Triassic of Switzerland and insights into neopterygian phylogeny. Royal Society Open Science, 2018, 5, 180497.	2.4	17
18	Neurocranium and endocranial anatomy of a new large Triassic dapediid.. MorphoMuseuM, 2018, 4, e44.	0.2	0

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19	The â€˜Tully Monsterâ€™ is not a vertebrate: characters, convergence and taphonomy in Palaeozoic problematic animals. Palaeontology, 2017, 60, 149-157.	2.2	17
20	Early members of â€˜living fossilâ€™ lineage imply later origin of modern ray-finned fishes. Nature, 2017, 549, 265-268.	27.8	85
21	A new stem sarcopterygian illuminates patterns of character evolution in early bony fishes. Nature Communications, 2017, 8, 1932.	12.8	28
22	The Oldest Actinopterygian Highlights the Cryptic Early History of the Hyperdiverse Ray-Finned Fishes. Current Biology, 2016, 26, 1602-1608.	3.9	38
23	Actinopterygians: The Ray-Finned Fishesâ€”An Explosion of Diversity. Springer Handbook of Auditory Research, 2016, , 17-49.	0.7	5
24	Endoskeletal structure in C heirolepis (O steichthyes, A ctinopterygii), An early rayâ€finned fish. Palaeontology, 2015, 58, 849-870.	2.2	36
25	An exceptionally preserved Late Devonian actinopterygian provides a new model for primitive cranial anatomy in ray-finned fishes. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20151485.	2.6	34
26	Osteichthyan-like cranial conditions in an Early Devonian stem gnathostome. Nature, 2015, 520, 82-85.	27.8	104
27	Virtual reconstruction of endocast anatomy in early ray-finned fishes (Osteichthyes, Actinopterygii). Journal of Paleontology, 2014, 88, 636-651.	0.8	43
28	A large, anatomically primitive tristichopterid (Sarcopterygii: Tetrapodomorpha) from the Late Devonian (Frasnian) Alves Beds, Upper Old Red Sandstone, Moray, Scotland. Scottish Journal of Geology, 2014, 50, 79-85.	0.1	5
29	Histology of â€œplacodermâ€•dermal skeletons: Implications for the nature of the ancestral gnathostome. Journal of Morphology, 2013, 274, 627-644.	1.2	58
30	Teeth before jaws? Comparative analysis of the structure and development of the external and internal scales in the extinct jawless vertebrate<scp>L</scp>oganellia scotica. Evolution & Development, 2011, 13, 523-532.	2.0	34