Paul A Selden

List of Publications by Year
in descending order

117	3,011	159358	205818
papers	citations	30 h-index	48 g-index

125	125	125	2034
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Land Animals in the Silurian: Arachnids and Myriapods from Shropshire, England. Science, 1990, 250, 658-661.	6.0	189
2	The Role of Behavior in the Evolution of Spiders, Silks, and Webs. Annual Review of Ecology, Evolution, and Systematics, 2007, 38, 819-846.	3.8	159
3	Functional morphology of the prosoma of Baltoeurypterus tetragonophthalmus (Fischer) (Chelicerata: Eurypterida). Transactions of the Royal Society of Edinburgh: Earth Sciences, 1981, 72, 9-48.	1.0	105
4	Orb-web weaving spiders in the early Cretaceous. Nature, 1989, 340, 711-713.	13.7	103
5	Coprolites as evidence for plantâ€“animal interaction in Siluroâ€“Devonian terrestrial ecosystems. Nature, 1995, 377, 329-331.	13.7	102
6	Fossil evidence for the origin of spider spinnerets, and a proposed arachnid order. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 20781-20785.	3.3	96
7	Cretaceous African life captured in amber. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 7329-7334.	3.3	85
8	Fossil spiders. Biological Reviews, 2010, 85, 171-206.	4.7	79
9	Opisthosomal fusion and phylogeny of Palaeozoic Xiphosura. Lethaia, 1997, 30, 19-31.	0.6	75
10	Calibrating the chelicerate clock: a paleontological reply to Jeyaprakash and Hoy. Experimental and Applied Acarology, 2009, 48, 183-197.	0.7	73
11	3 Rustling in the Undergrowth: Animals in Early Terrestrial Ecosystems. , 2001, , 29-51.		68
12	Crustaceans from bitumen clast in Carboniferous glacial diamictite extend fossil record of copepods. Nature Communications, 2010, 1, 50.	5.8	63
13	The development of early terrestrial ecosystems. Botanical Journal of Scotland, 1992, 46, 337-366.	0.3	60
14	Epigeic spiders as ecological indicators of conservation value for peat bogs. Biological Conservation, 2006, 127, 420-428.	1.9	58
15	A restudy of the Burgess Shale (Cambrian) arthropodEmeraldella brockiand reassessment of its affinities. Journal of Systematic Palaeontology, 2012, 10, 361-383.	0.6	58
16	Tracking a Medically Important Spider: Climate Change, Ecological Niche Modeling, and the Brown Recluse (Loxosceles reclusa). PLoS ONE, 2011, 6, e17731.	1.1	54
17	Palaeophysiology of terrestrialisation in the Chelicerata. Earth and Environmental Science Transactions of the Royal Society of Edinburgh, 1989, 80, 303-310.	0.3	52
18	Palpimanoid spiders from the Jurassic of China. Journal of Arachnology, 2008, 36, 306-321.	0.3	52

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19	A review of Burmese amber arachnids. Journal of Arachnology, 2017, 45, 324-343.	0.3	47
20	The true identity of the supposed giant fossil spider Megarachne. Biology Letters, 2005, 1, 44-48.	1.0	43
21	Cretaceous arachnid Chimerarachne yingi gen. et sp. nov. illuminates spider origins. Nature Ecology and Evolution, 2018, 2, 614-622.	3.4	43
22	THE OLDEST LINYPHIID SPIDER, IN LOWER CRETACEOUS LEBANESE AMBER (ARANEAE, LINYPHIIDAE,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.8	38
23	From success to persistence: Identifying an evolutionary regime shift in the diverse Paleozoic aquatic arthropod group Eurypterida, driven by the Devonian biotic crisis. Evolution; International Journal of Organic Evolution, 2017, 71, 95-110.	1.1	38
24	First British Mesozoic Spider, From Cretaceous Amber Of The Isle Of Wight, Southern England. Palaeontology, 2002, 45, 973-983.	1.0	37
25	RESISTANCE OF SPIDERS TO CRETACEOUS-TERTIARY EXTINCTION EVENTS. Evolution; International Journal of Organic Evolution, 2003, 57, 2599-2607.	1.1	37
26	Arthropod cuticles in coal. Journal of the Geological Society, 1987, 144, 513-517.	0.9	36
27	A golden orb-weaver spider (Araneae: Nephilidae: Nephila) from the Middle Jurassic of China. Biology Letters, 2011, 7, 775-778.	1.0	36
28	An unusual euchelicerate linking horseshoe crabs and eurypterids, from the Lower Devonian (Lochkovian) of Yunnan, China. Zoologica Scripta, 2015, 44, 645-652.	0.7	36
29	Almost a spider: a 305-million-year-old fossil arachnid and spider origins. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20160125.	1.2	36
30	The origin of the limuloids. Lethaia, 1987, 20, 383-392.	0.6	36
31	Babes in the wood â€“ a unique window into sea scorpion ontogeny. BMC Evolutionary Biology, 2013, 13, 98.	3.2	34
32	Fossil mesothele spiders. Nature, 1996, 379, 498-499.	13.7	33
33	RESISTANCE OF SPIDERS TO CRETACEOUSâ€“TERTIARY EXTINCTION EVENTS. Evolution; International Journal of Organic Evolution, 2003, 57, 2599.	1.1	30
34	Arachnids from the Carboniferous of Russia and Ukraine, and the Permian of Kazakhstan. Palaontologische Zeitschrift, 2014, 88, 297-307.	0.8	29
35	New records of Burgess Shale-type taxa from the middle Cambrian of Utah. Journal of Paleontology, 2015, 89, 411-423.	0.5	28
36	Comment on the letter of the Society of Vertebrate Paleontology (SVP) dated April 21, 2020 regarding â€œFossils from conflict zones and reproducibility of fossil-based scientific dataâ€• Myanmar amber. Palaontologische Zeitschrift, 2020, 94, 431-437.	0.8	28

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37	The oldest haplogyne spider (Araneae: Plectreuridae), from the Middle Jurassic of China. Die Naturwissenschaften, 2010, 97, 449-459.	0.6	26
38	Scorpion Fragments from the Silurian of Powys, Wales. Arachnology, 2013, 16, 27-32.	0.4	26
39	A new Ordovician eurypterid (Arthropoda: Chelicerata) from southeast Turkey: Evidence for a cryptic Ordovician record of Eurypterida. Gondwana Research, 2013, 23, 354-366.	3.0	26
40	A new, giant xiphosurid from the lower Namurian of Weardale, County Durham. Proceedings of the Yorkshire Geological Society, 1987, 46, 153-168.	0.2	25
41	A Review of the Fossil Record of Spiders (Araneae) with Special Reference to Africa, and Description of a New Specimen from the Triassic Molteno Formation of South Africa. African Invertebrates, 2009, 50, 105-116.	0.5	25
42	Harvestmen (Arachnida: Opiliones) from the Middle Jurassic of China. Die Naturwissenschaften, 2009, 96, 955-962.	0.6	24
43	A giant spider from the Jurassic of China reveals greater diversity of the orbicularian stem group. Die Naturwissenschaften, 2013, 100, 1171-1181.	0.6	23
44	Kodymirus and the case for convergence of raptorial appendages in Cambrian arthropods. Die Naturwissenschaften, 2013, 100, 811-825.	0.6	21
45	SELECTIVE FEEDING IN AN EARLY DEVONIAN TERRESTRIAL ECOSYSTEM. Palaios, 2012, 27, 509-522.	0.6	20
46	New Orchestina Simon, 1882 (Araneae: Oonopidae) from Cretaceous ambers of Spain and France: first spiders described using phaseâ€contrast Xâ€ray synchrotron microtomography. Palaeontology, 2012, 55, 127-143.	1.0	20
47	A diverse new spider (Araneae) fauna from the Jinju Formation, Cretaceous (Albian) of Korea. Journal of Systematic Palaeontology, 2019, 17, 1271-1297.	0.6	19
48	Mygalomorph spiders (Araneae: Dipluridae) from the Lower Cretaceous Crato lagerstÃtte, Araripe Basin, north-east Brazil. Palaeontology, 2006, 49, 817-826.	1.0	18
49	A fossil spider from the Cretaceous of Korea. Journal of Paleontology, 2012, 86, 1-6.	0.5	18
50	The oldest armoured harvestman (Arachnida: Opiliones: Laniatores), from Upper Cretaceous Myanmar amber. Cretaceous Research, 2016, 65, 206-212.	0.6	18
51	Eurypterids from the VisÃ©an of East Kirkton, West Lothian, Scotland. Earth and Environmental Science Transactions of the Royal Society of Edinburgh, 1993, 84, 301-308.	0.3	17
52	AN ORIBATID MITE (ARACHNIDA: ACARI) FROM THE OXFORD CLAY (JURASSIC: UPPER CALLOVIAN) OF SOUTH CAVE STATION QUARRY, YORKSHIRE, UK. Palaeontology, 2008, 51, 623-633.	1.0	17
53	Water-to-Land Transitions. , 2013, , 417-439.		17
54	MISSING LINKS BETWEEN ARGYRONETA AND CYBAEIDAE REVEALED BY FOSSIL SPIDERS. Journal of Arachnology, 2002, 30, 189-200.	0.3	16

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55	A horseshoe crab (Arthropoda: Chelicerata: Xiphosura) from the Lower Devonian (Lochkovian) of Yunnan, China. Geological Magazine, 2013, 150, 367-370.	0.9	16
56	Permian scorpions from the Petrified Forest of Chemnitz, Germany. BMC Evolutionary Biology, 2016, 16, 72.	3.2	16
57	Lower Cretaceous spiders (Arthropods: Arachnida: Araneae) from Spain. Neues Jahrbuch FÃ¼r Geologie Und PalÃontologie, 2003, 2003, 175-192.	0.3	16
58	A New Carcinosomatid Eurypterid From The Upper Silurian Of Northern Vietnam. Palaeontology, 2002, 45, 897-915.	1.0	15
59	First fossil Huttoniidae (Arthropoda: Chelicerata: Araneae) in late Cretaceous Canadian amber. Cretaceous Research, 2006, 27, 442-446.	0.6	14
60	Fossilâ€“LagerstÃtten. Geology Today, 2008, 24, 153-158.	0.3	14
61	A spider fossil from the Jurassic Talbragar Fossil Fish Bed of New South Wales. Alcheringa, 2013, 37, 203-208.	0.5	14
62	New morphological and host data for the ectoparasitic larva of Leptus hidakai Kawashima (Acari,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.5	13
63	Semantic annotation of biosystematics literature without training examples. Journal of the Association for Information Science and Technology, 2010, 61, 522-542.	2.6	13
64	Comment on the letter of the Society of Vertebrate Paleontology (SVP) dated April 21, 2020 regarding â€œFossils from conflict zones and reproducibility of fossil-based scientific dataâ€• the importance of private collections. Palaontologische Zeitschrift, 2020, 94, 413-429.	0.8	13
65	A trigonotarbid arachnid from the Lower Devonian of Tredomen, Wales. Palaeontology, 2004, 47, 1469-1476.	1.0	12
66	A NEW SILURIAN EURYPTERID (ARTHROPODA: CHELICERATA) FROM CHINA. Palaeontology, 2007, 50, 619-625.	1.0	12
67	Imaging techniques in the study of fossil spiders. Earth-Science Reviews, 2017, 166, 111-131.	4.0	12
68	Millipedes from the GrÃ¨s Ã Voltzia, Triassic of France, with comments on Mesozoic millipedes (Diplopoda: Helminthomorpha: Eugnatha). International Journal of Myriapodology, 2009, 2, 1-13.	0.9	11
69	Rare primitive deuterostomes from the Cambrian (Series 3) of Utah. Journal of Paleontology, 2015, 89, 631-636.	0.5	11
70	Phylogenetic support for the monophyly of proetide trilobites. Lethaia, 2015, 48, 375-386.	0.6	11
71	Spider leg flexure as an indicator for estimating salinity in lacustrine paleoenvironments. Palaeogeography, Palaeoclimatology, Palaeoecology, 2016, 445, 115-123.	1.0	11
72	Eocene Spiders from the Isle of Wight With Preserved Respiratory Structures. Palaeontology, 2001, 44, 695-729.	1.0	10

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73	A bizarre armoured spider (Araneae: Tetrablemmidae) from Upper Cretaceous Myanmar amber. Cretaceous Research, 2016, 66, 129-135.	0.6	10
74	Mesozoic cribellate spiders (Araneae: Deinopoidea) from China. Journal of Systematic Palaeontology, 2016, 14, 49-74.	0.6	10
75	Trace fossils of the arthropod Camptophyllia from the Westphalian (Carboniferous) rocks of Lancashire, UK and their palaeoenvironmental context. Palaeogeography, Palaeoclimatology, Palaeoecology, 2008, 270, 399-406.	1.0	9
76	<strong>The first fossil spider (Araneae: Palpimanoidea) from the Lower Jurassic (Grimmen,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	0.2	9
77	Penis morphology in a Burmese amber harvestman. Die Naturwissenschaften, 2016, 103, 11.	0.6	9
78	The oldest chthonioid pseudoscorpion Arachnida: Pseudoscorpiones: Chthonioidea: Chthoniidae: A new genus and species from mid-Cretaceous Burmese amber. Zoologischer Anzeiger, 2018, 273, 102-111.	0.4	9
79	First fossil Mecysmaucheniidae (Arachnida, Chelicerata, Araneae), from Lower Cretaceous (Uppermost) Tj ETQq1 1 0.784314 rgBT /Ov	0.2	8
80	New well-preserved scleritomes of Chancelloriida from early Cambrian Guanshan Biota, eastern Yunnan, China. Journal of Paleontology, 2018, 92, 955-971.	0.5	8
81	A Trigonotarbid Arachnid from the Pennsylvanian of Kansas. Journal of Paleontology, 2011, 85, 871-876.	0.5	7
82	Arachnida: spiders, scorpions and allies. , 2007, , 103-132.		6
83	Spinning with the dinosaurs: the fossil record of spiders. Geology Today, 2007, 23, 231-237.	0.3	6
84	A Burmese amber tick wrapped in spider silk. Cretaceous Research, 2018, 90, 136-141.	0.6	6
85	New spiders (Araneae: Palpimanoidea) from the Jurassic Yanliao Biota of China. Journal of Systematic Palaeontology, 2020, 18, 137-185.	0.6	6
86	Laniatorean harvestmen (Arachnida: Opiliones) from mid-Cretaceous Burmese amber. Cretaceous Research, 2021, 119, 104703.	0.6	6
87	First fossil<i>Molinaranea</i>Mello-LeitÃ£o, 1940 (Araneae: Araneidae), from middle Miocene Dominican amber, with a phylogenetic and palaeobiogeographical analysis of the genus. Zoological Journal of the Linnean Society, 2010, 158, 711-725.	1.0	5
88	A Theridiosomatid Spider from the Early Cretaceous of Russia. Arachnology, 2010, 15, 69-78.	0.4	5
89	The study of fossil spider species. Comptes Rendus - Palevol, 2011, 10, 181-188.	0.1	5
90	First fossil asellote (Isopoda: Asellota), from the Upper Triassic (Norian) of the Carnic Prealps (Friuli,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.3	5

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91	Two new lagonomegopid spiders (Arachnida: Araneae) from the mid-Cretaceous of Northern Myanmar, with comments on the superfamilial placement of Lagonomegopidae. Cretaceous Research, 2020, 106, 104257.	0.6	5
92	New occurrence of the Guanshan LagerstÃtte (Cambrian Series 2, Stage 4) in the Kunming area, Yunnan, southwest China, with records of new taxa. Alcheringa, 2020, 44, 343-355.	0.5	5
93	The origin of the limuloids. Lethaia, 1987, 20, 383-392.	0.6	4
94	A new spider (Araneae: Haplogynae: Plectreuridae) from the Cretaceous Fossil-LagerstÃtte of El Montsec, Spain. Journal of Arachnology, 2014, 42, 16-23.	0.3	4
95	Carboniferous araneomorph spiders reinterpreted as long-bodied harvestmen. Journal of Systematic Palaeontology, 2016, 14, 127-137.	0.6	4
96	The earliest palpimanid spider (Araneae: Palpimanidae), from the Crato Fossil-LagerstÃtte (Cretaceous,) Tj ETQq0 0 0 rgBT /Overlock 10	0.3	4
97	A new shell-bearing organism from the Cambrian Spence Shale of Utah. Palaeoworld, 2021, 30, 220-228.	0.5	4
98	A poorly preserved fish-like animal from the Chengjiang LagerstÃtte (Cambrian Series 2, Stage 3). Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 520, 163-172.	1.0	3
99	An orb-weaver spider (Araneae, Araneidae) from the early Eocene of India. Journal of Paleontology, 2019, 93, 98-104.	0.5	3
100	Further evidence for fungivory in the Lower Devonian (Lochkovian) of the Welsh Borderland, UK. Palaontologische Zeitschrift, 2020, 94, 603-618.	0.8	3
101	The exceptional preservation of Aix-en-Provence spider fossils could have been facilitated by diatoms. Communications Earth & Environment, 2022, 3, .	2.6	3
102	TREATISE ON INVERTEBRATE PALEONTOLOGY: A WORK IN PROGRESS. Palaios, 2012, 27, 439-442.	0.6	2
103	A Triassic spider from Italy. Acta Palaeontologica Polonica, 0, , .	0.4	2
104	Maternal care in Mid-Cretaceous lagonomegopid spiders. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20211279.	1.2	2
105	A new, giant ricinuleid (Arachnida, Ricinulei), from the Pennsylvanian of Illinois, and the identification of a new, ontogenetically stable, diagnostic character. Journal of Paleontology, 2021, 95, 601-612.	0.5	2
106	Two new eurypterids (Arthropoda, Chelicerata) from the upper Silurian Yulongsi Formation of south-west China. Journal of Paleontology, 2022, 96, 1078-1086.	0.5	2
107	The status ofBellinuroopsisChernyshev, 1933, andNeobelinuropsisEller, 1938 (Xiphosura,) Tj ETQq1 1 0.784314 rgBT /O	0.5	1
108	El Montsec and Las Hoyas. , 2012, , 183-201.		1

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109	Spiders (Arachnida: Araneae) from the Insect Limestone (Bembridge Marls, Late Eocene) of the Isle of Wight, southern England. Earth and Environmental Science Transactions of the Royal Society of Edinburgh, 2013, 104, 275-282.	0.3	1
110	Otto Kraus 1930â€“2017. Arachnology, 2017, 17, 323-324.	0.4	1
111	Four new Laniatorean harvestmen (Arachnida: Opiliones) from mid-Cretaceous Burmese amber. Palaeoworld, 2022, , .	0.5	1
112	Wonderful worms. Journal of Biogeography, 2005, 32, 1856-1856.	1.4	0
113	Fossil evidence for the origin of spider spinnerets. Nature Precedings, 2008, , .	0.1	0
114	New lagonomegopid spiders (Araneae: â€Lagonomegopidae) from Early Cretaceous Spanish amber. Journal of Systematic Palaeontology, 0, , 1-23.	0.6	0
115	New specimens from Mid-Cretaceous Myanmar amber illuminate the phylogenetic placement of Lagonomegopidae (Arachnida: Araneae). Zoological Journal of the Linnean Society, 2022, 195, 399-416.	1.0	0
116	Editorial. Arthropod Structure and Development, 2021, 64, 101099.	0.8	0
117	First trigonotarbid arachnids from the Pennsylvanian of Indiana and Oklahoma. Journal of Paleontology, 2022, 96, 930-938.	0.5	0