

# Jason A Dunlop

## List of Publications by Year in descending order

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Version: 2024-02-01

103  
papers

2,620  
citations

236833

25  
h-index

243529

44  
g-index

104  
all docs

104  
docs citations

104  
times ranked

1391  
citing authors

#	ARTICLE	IF	CITATIONS
1	Geological history and phylogeny of Chelicerata. <i>Arthropod Structure and Development</i> , 2010, 39, 124-142.	0.8	201
2	A Larval Sea Spider (Arthropoda: Pycnogonida) from the Upper Cambrian 'orsten' of Sweden, and the Phylogenetic Position of Pycnogonids. <i>Palaeontology</i> , 2002, 45, 421-446.	1.0	133
3	Phylogenetic position of the acariform mites: sensitivity to homology assessment under total evidence. <i>BMC Evolutionary Biology</i> , 2010, 10, 235.	3.2	111
4	Three-dimensional reconstruction and the phylogeny of extinct chelicerate orders. <i>PeerJ</i> , 2014, 2, e641.	0.9	87
5	Calibrating the chelicerate clock: a paleontological reply to Jeyaprakash and Hoy. <i>Experimental and Applied Acarology</i> , 2009, 48, 183-197.	0.7	73
6	A Paleozoic Stem Group to Mite Harvestmen Revealed through Integration of Phylogenetics and Development. <i>Current Biology</i> , 2014, 24, 1017-1023.	1.8	69
7	A harvestman (Arachnida: Opiliones) from the Early Devonian Rhynie cherts, Aberdeenshire, Scotland. <i>Transactions of the Royal Society of Edinburgh: Earth Sciences</i> , 2003, 94, 341-354.	1.0	66
8	An armoured Cambrian lobopodian from China with arthropod-like appendages. <i>Nature</i> , 2011, 470, 526-530.	13.7	63
9	The walking dead: Blender as a tool for paleontologists with a case study on extinct arachnids. <i>Journal of Paleontology</i> , 2014, 88, 735-746.	0.5	60
10	A new mid-Silurian aquatic scorpion – one step closer to land?. <i>Biology Letters</i> , 2015, 11, 20140815.	1.0	56
11	REINTERPRETATION OF THE SILURIAN SCORPION <i>PROSCORPIUS OSBORNII</i> (WHITFIELD): INTEGRATING DATA FROM PALAEOZOIC AND RECENT SCORPIONS. <i>Palaeontology</i> , 2008, 51, 303-320.	1.0	54
12	Preserved organs of Devonian harvestmen. <i>Nature</i> , 2003, 425, 916-916.	13.7	53
13	Segmentation and tagmosis in Chelicerata. <i>Arthropod Structure and Development</i> , 2017, 46, 395-418.	0.8	53
14	High-fidelity X-ray micro-tomography reconstruction of siderite-hosted Carboniferous arachnids. <i>Biology Letters</i> , 2009, 5, 841-844.	1.0	51
15	Microanatomy of Early Devonian book lungs. <i>Biology Letters</i> , 2008, 4, 212-215.	1.0	50
16	Anatomically modern Carboniferous harvestmen demonstrate early cladogenesis and stasis in Opiliones. <i>Nature Communications</i> , 2011, 2, 444.	5.8	46
17	Cretaceous arachnid <i>Chimerarachne yingi</i> gen. et sp. nov. illuminates spider origins. <i>Nature Ecology and Evolution</i> , 2018, 2, 614-622.	3.4	43
18	A minute fossil phoretic mite recovered by phase-contrast X-ray computed tomography. <i>Biology Letters</i> , 2012, 8, 457-460.	1.0	41

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19	The fossil history of pseudoscorpions (Arachnida: Pseudoscorpiones). <i>Fossil Record</i> , 2017, 20, 215-238.	0.5	37
20	How many species of fossil arachnids are there. <i>Journal of Arachnology</i> , 2008, 36, 267-272.	0.3	36
21	Almost a spider: a 305-million-year-old fossil arachnid and spider origins. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20160125.	1.2	36
22	Redescription and palaeobiology of <i>Palaeoscorpius devonicus</i> Lehmann, 1944 from the Lower Devonian Hunsrück Slate of Germany. <i>Palaeontology</i> , 2012, 55, 775-787.	1.0	32
23	A redescription of <i>Chasmataspis laurencii</i> Caster & Brooks, 1956 (Chelicerata: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5) phylogeny. <i>Transactions of the Royal Society of Edinburgh: Earth Sciences</i> , 2003, 94, 207-225.	1.0	31
24	Terrestrial invertebrates in the Rhynie chert ecosystem. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20160493.	1.8	31
25	Computed tomography recovers data from historical amber: an example from huntsman spiders. <i>Die Naturwissenschaften</i> , 2011, 98, 519-527.	0.6	29
26	Arachnids from the Carboniferous of Russia and Ukraine, and the Permian of Kazakhstan. <i>Palaeontologische Zeitschrift</i> , 2014, 88, 297-307.	0.8	29
27	<i>Geralinura carbonaria</i> (Arachnida; Uropygi) from Mazon Creek, Illinois, USA, and the origin of subchelate pedipalps in whip scorpions. <i>Journal of Paleontology</i> , 2008, 82, 299-312.	0.5	28
28	Comment on the letter of the Society of Vertebrate Paleontology (SVP) dated April 21, 2020 regarding "Fossils from conflict zones and reproducibility of fossil-based scientific data" Myanmar amber. <i>Palaeontologische Zeitschrift</i> , 2020, 94, 431-437.	0.8	28
29	Harvestmen (Arachnida: Opiliones) in Eocene Rovno amber (Ukraine). <i>Zootaxa</i> , 2021, 4984, 4372.	0.2	28
30	Morphology and systematics of anthracomartidae (Arachnida: Trigonotarbida). <i>Palaeontology</i> , 2011, 54, 145-161.	1.0	27
31	Scorpion Fragments from the Silurian of Powys, Wales. <i>Arachnology</i> , 2013, 16, 27-32.	0.4	26
32	The first whipspider (Arachnida: Amblypygi) and three new whipscorpions (Arachnida: Thelyphonida) from the Lower Cretaceous Crato Formation of Brazil. <i>Transactions of the Royal Society of Edinburgh: Earth Sciences</i> , 2001, 92, 325-334.	1.0	25
33	A new early devonian trigonotarbid arachnid from the Windyfield Chert, Rhynie, Scotland. <i>Journal of Systematic Palaeontology</i> , 2005, 2, 269-284.	0.6	25
34	Sperm carriers in Silurian sea scorpions. <i>Die Naturwissenschaften</i> , 2011, 98, 889-896.	0.6	25
35	Harvestmen (Arachnida: Opiliones) from the Middle Jurassic of China. <i>Die Naturwissenschaften</i> , 2009, 96, 955-962.	0.6	24
36	Cambrian lobopodians: A review of recent progress in our understanding of their morphology and evolution. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 398, 4-15.	1.0	24

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37	An ant-associated mesostigmatid mite in Baltic amber. <i>Biology Letters</i> , 2014, 10, 20140531.	1.0	24
38	<i>Amblyomma birmittum</i> a new species of hard tick in Burmese amber. <i>Parasitology</i> , 2017, 144, 1441-1448.	0.7	24
39	THE FIRST FOSSIL CYPHOPHTHALMID (ARACHNIDA, OPILIONES) FROM BITTERFELD AMBER, GERMANY. <i>Journal of Arachnology</i> , 2003, 31, 371-378.	0.3	23
40	First identifiable Mesozoic harvestman (Opiliones: Dyspnoi) from Cretaceous Burmese amber. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 1007-1013.	1.2	23
41	A fossil trigonotarbid arachnid with a ricinuleid-like pedipalpal claw. <i>Zoomorphology</i> , 2009, 128, 305-313.	0.4	23
42	The Lower Devonian scorpion <i>Waeringoscorpio</i> and the respiratory nature of its filamentous structures, with the description of a new species from the Westerwald area, Germany. <i>Palaontologische Zeitschrift</i> , 2008, 82, 418-436.	0.8	22
43	Fossil mesostigmatid mites (Mesostigmata: Gamasina, Microgyniina, Uropodina), associated with longhorn beetles (Coleoptera: Cerambycidae) in Baltic amber. <i>Die Naturwissenschaften</i> , 2013, 100, 337-344.	0.6	22
44	Lateral eye evolution in the arachnids. <i>Arachnology</i> , 2016, 17, 103-119.	0.4	22
45	Arachnids in Bitterfeld amber: A unique fauna of fossils from the heart of Europe or simply old friends?. <i>Evolutionary Systematics</i> , 2018, 2, 31-44.	0.2	22
46	The palaeobiology of the Writhlington trigonotarbid arachnid. <i>Proceedings of the Geologists Association</i> , 1994, 105, 287-296.	0.6	21
47	A NEW SEA SPIDER (ARTHROPODA: PYCNOGONIDA) WITH A FLAGELLIFORM TELSON FROM THE LOWER DEVONIAN HUNSRÄCK SLATE, GERMANY. <i>Palaeontology</i> , 2006, 49, 983-989.	1.0	21
48	The first fossil opilioacariform mite (Acari: Opilioacariformes) and the first Baltic amber camel spider (Solifugae). <i>Transactions of the Royal Society of Edinburgh: Earth Sciences</i> , 2003, 94, 261-273.	1.0	20
49	The enigmatic Mesozoic insect taxon Chresmodidae (Polyneoptera): New palaeobiological and phylogenetic data, with the description of a new species from the Lower Cretaceous of Brazil. <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , 2008, 247, 353-381.	0.2	20
50	An opilioacarid mite in Cretaceous Burmese amber. <i>Die Naturwissenschaften</i> , 2014, 101, 759-763.	0.6	20
51	Miniaturisation in Chelicerata. <i>Arthropod Structure and Development</i> , 2019, 48, 20-34.	0.8	20
52	CHELICERATE ARTHROPODS, INCLUDING THE OLDEST PHALANGIOTARBID ARACHNID, FROM THE EARLY DEVONIAN (SIEGENIAN) OF THE RHENISH MASSIF, GERMANY. <i>Journal of Paleontology</i> , 2005, 79, 110-124.	0.5	19
53	A REVISION OF THE FOSSIL PIRATE SPIDERS (ARACHNIDA: ARANEAE: MIMETIDAE). <i>Palaeontology</i> , 2009, 52, 779-802.	1.0	18
54	The oldest armoured harvestman (Arachnida: Opiliones: Laniatores), from Upper Cretaceous Myanmar amber. <i>Cretaceous Research</i> , 2016, 65, 206-212.	0.6	18

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55	Reinterpreting the morphology of the Jurassic scorpion <i>Liassoscorpionides</i> . <i>Arthropod Structure and Development</i> , 2007, 36, 245-252.	0.8	17
56	Microtomography of the Baltic amber tick <i>Ixodes succineus</i> reveals affinities with the modern Asian disease vector <i>Ixodes ovatus</i> . <i>BMC Evolutionary Biology</i> , 2016, 16, 203.	3.2	17
57	On the Emsian (Lower Devonian) arthropods of the Rhenish Schiefergebirge: 1. <i>Xenarachne</i> , an enigmatic arachnid from Willwerath, Germany. <i>Palaontologische Zeitschrift</i> , 1997, 71, 231-236.	0.8	16
58	Trigonotarbids. <i>Geology Today</i> , 2010, 26, 34-37.	0.3	16
59	Permian scorpions from the Petrified Forest of Chemnitz, Germany. <i>BMC Evolutionary Biology</i> , 2016, 16, 72.	3.2	16
60	Redescription of the largest trigonotarbid arachnid "Kreischeria wiedei Geinitz 1882 from the Upper Carboniferous of Zwickau, Germany. <i>Palaontologische Zeitschrift</i> , 1997, 71, 237-245.	0.8	14
61	A camel spider from Cretaceous Burmese amber. <i>Cretaceous Research</i> , 2015, 56, 265-273.	0.6	14
62	Microbial decay analysis challenges interpretation of putative organ systems in Cambrian fuxianhuiids. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20180051.	1.2	14
63	A redescription of two eophrynids (Arachnida: Trigonotarbida) from the Coal Measures (Carboniferous) of Ostrava, Czech Republic. <i>Neues Jahrbuch für Geologie Und Paläontologie</i> , 1995, 1995, 449-461.	0.3	14
64	Trigonotarbid arachnids from the Lower Devonian (Lower Emsian) of Alken an der Mosel (Rhineland-Palatinate, SW Germany). <i>Palaontologische Zeitschrift</i> , 2010, 84, 467-484.	0.8	13
65	A Middle Devonian chasmataspid arthropod from Achanarras Quarry, Caithness, Scotland. <i>Scottish Journal of Geology</i> , 2000, 36, 151-158.	0.1	12
66	Early Devonian eurypterids from the Northwest Territories of Arctic Canada. <i>Canadian Journal of Earth Sciences</i> , 2000, 37, 1167-1175.	0.6	12
67	A redescription of some poorly known Rotliegend arachnids from the Lower Permian (Asselian) of the Ilfeld and Thuringian Forest Basins, Germany. <i>Palaontologische Zeitschrift</i> , 2003, 77, 417-427.	0.8	12
68	A trigonotarbid arachnid from the Lower Devonian of Tredomen, Wales. <i>Palaeontology</i> , 2004, 47, 1469-1476.	1.0	12
69	Summary statistics for fossil spider species taxonomy. <i>ZooKeys</i> , 2012, 192, 1-13.	0.5	12
70	<i>Haemaphysalis cretacea</i> a nymph of a new species of hard tick in Burmese amber. <i>Parasitology</i> , 2018, 145, 1440-1451.	0.7	12
71	Phalangiotarbid arachnids from the Coal Measures of Lancashire, UK. <i>Geological Magazine</i> , 1997, 134, 369-381.	0.9	11
72	A remarkable assemblage of ticks from mid-Cretaceous Burmese amber. <i>Parasitology</i> , 2022, 149, 820-830.	0.7	11

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73	A redescription of the Carboniferous arachnid <i>Plesiosiro madeleyi</i> Pocock, 1911 (Arachnida: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 10	0.8	10
74	On the placement of the Baltic amber harvestman <i>Gonyleptes nemastomoides</i> Koch & Berendt, 1854, with notes on the phylogeny of Cladonychiidae (Opiliones, Laniatores, Travunioidea). <i>Fossil Record</i> , 2005, 8, 75-82.	0.4	10
75	Trigonotarbid arachnids from the Lower Devonian (Siegenian) of BÄ¼rdenbach (Lahrbach Valley,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 10	0.8	10
76	&lt;strong&gt;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. <i>Die Naturwissenschaften</i> , 2016, 103, 11.	0.6	9
78	The phylogenetic position of the extinct arachnid order Phalangiotarbida Haase, 1890, with reference to the fauna from the Writhlington Geological Nature Reserve (Somerset, UK). <i>Transactions of the Royal Society of Edinburgh: Earth Sciences</i> , 2003, 94, 243-259.	1.0	8
79	<i>Trigonotarus johnsoni</i> â€¦Pocock, 1911, revealed by X-ray computed tomography, with a cladistic analysis of the extinct trigonotarbid arachnids. <i>Zoological Journal of the Linnean Society</i> , 2014, 172, 49-70.	1.0	8
80	THE TRIGONOTARBID ARACHNID ANTHRACOMARTUS VOELKELIANUS (ANTHRACOMARTIDAE). <i>Journal of Arachnology</i> , 2002, 30, 211-218.	0.3	7
81	An annotated catalogue of the tongue worms (Pentastomida) held in the Museum fÃ¼r Naturkunde Berlin. <i>Zoosystematics and Evolution</i> , 2010, 86, 129-154.	0.4	7
82	A new arthropod from the early Devonian Rhynie chert, Aberdeenshire (Scotland), with a remarkable filtering device in the mouthparts. <i>Palaontologische Zeitschrift</i> , 2006, 80, 296-306.	0.8	6
83	The Second Camel Spider (Arachnida, Solifugae) from Burmese Amber. <i>Arachnology</i> , 2016, 17, 161-164.	0.4	6
84	A Burmese amber tick wrapped in spider silk. <i>Cretaceous Research</i> , 2018, 90, 136-141.	0.6	6
85	The oldest short-tailed whipscorpion (Schizomida): A new genus and species from the Upper Cretaceous amber of northern Myanmar. <i>Cretaceous Research</i> , 2020, 106, 104227.	0.6	6
86	A Late Carboniferous fossil scorpion from the Piesberg, near OsnabrÃ¼ck, Germany. <i>Fossil Record</i> , 2008, 11, 25-32.	0.4	5
87	The enigmatic Pennsylvanian arachnids <i>Areomartus ovatus</i> and <i>Vratislavia silesica</i> (Trigonotarbida). <i>Journal of Arachnology</i> , 2010, 38, 44-48.	0.3	4
88	Arthropod types from Sparth Bottoms in the Howard Collection (Rochdale Museum Service). <i>Proceedings of the Geologists Association</i> , 2012, 123, 165-169.	0.6	4
89	Carboniferous arachnids from the Graissessac Basin, Central Massif, France. <i>Palaontologische Zeitschrift</i> , 2016, 90, 33-48.	0.8	4
90	Systematics of the Coal Measures whip spiders (Arachnida: Amblypygi). <i>Zoologischer Anzeiger</i> , 2018, 273, 14-22.	0.4	4

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91	The youngest trigonotarbid <i>Permotarbus schubertini</i> , n. sp. from the Permian Petrified Forest of Chemnitz in Germany. <i>Fossil Record</i> , 2013, 16, 229-243.	0.4	4
92	A new specimen of the trigonotarbid arachnid <i>Aphantomartus areolatus</i> Pocock 1911 from the Stephanian of Montceau-les-Mines, France. <i>Neues Jahrbuch für Geologie Und Paläontologie</i> , 1999, 1999, 29-38.	0.3	4
93	Embrik Strand's eurypterids. <i>Neues Jahrbuch für Geologie Und Paläontologie</i> , 2006, 2006, 696-704.	0.3	4
94	An annotated catalogue of the velvet worms (Onychophora) held in the Museum für Naturkunde Berlin. <i>Zoosystematics and Evolution</i> , 2010, 86, 225-234.	0.4	3
95	An annotated catalogue of the horseshoe crabs (Xiphosura) held in the Museum für Naturkunde Berlin. <i>Zoosystematics and Evolution</i> , 2012, 88, 215-222.	0.4	3
96	Nomenclatural notes on the eurypterid family Carcinosomatidae. <i>Zoosystematics and Evolution</i> , 2012, 88, 19-24.	0.4	3
97	New records of Pennsylvanian trigonotarbid arachnids from West Bohemia, Czech Republic. <i>Journal of Arachnology</i> , 2013, 41, 335-341.	0.3	3
98	Reassessing <i>Devonotarbus</i> , a phalangiotarbid arachnid from the Lower Devonian (Siegenian and Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4 377-387.	0.8	2
99	An enigmatic spiny harvestman from Baltic amber. <i>Fossil Record</i> , 2012, 15, 91-101.	0.4	2
100	A Fossil Arachnid from Slovakia: The Carboniferous Trigonotarbid <i>Anthracomartus voelkelianus</i> Karsch, 1882. <i>Arachnology</i> , 2013, 16, 21-26.	0.4	2
101	The complete mitochondrial genome of the pentastomid <i>Armillifer grandis</i> (Pentastomida) from the Democratic Republic of Congo. <i>Mitochondrial DNA Part B: Resources</i> , 2017, 2, 287-288.	0.2	2
102	Spider Origins: a Palaeontological Perspective. , 2022, 19, .		2
103	<italic> <i>Trigonotarbus johnsoni</i> </italic> Pocock, 1911, revealed by X-ray computed tomography, with a cladistic analysis of the extinct trigonotarbid arachnids. <i>Zoological Journal of the Linnean Society</i> , 0, , .	1.0	0