Derek Briggs

List of Publications by Year
in descending order

366 papers	14,091 citations	13087 68 h-index	30058 103 g-index
386 all docs	386 docs citations	386 times ranked	5415 citing authors

#	Article	IF	Citations
1	The Gogo Formation LagerstÃtte: a view of Australia's first great barrier reef. Journal of the Geological Society, 2022, 179, .	0.9	5
2	Raman spectroscopy is a powerful tool in molecular paleobiology: An analytical response to Alleon etÂal. (https://doi.org/10.1002/bies.202000295). BioEssays, 2022, 44, e2100070.	1.2	8
3	The remarkable visual system of a Cretaceous crab. IScience, 2022, 25, 103579.	1.9	0
4	The soft-bodied biota of the Cambrian Series 2 Parker Quarry LagerstÃtte of northwestern Vermont, USA. Journal of Paleontology, 2022, 96, 770-790.	0.5	7
5	Fossil biomolecules reveal an avian metabolism in theÂancestral dinosaur. Nature, 2022, 606, 522-526.	13.7	30
6	Fossilization potential of marine assemblages and environments. Geology, 2021, 49, 258-262.	2.0	12
7	Early formation and taphonomic significance of kaolinite associated with Burgess Shale fossils. Geology, 2021, 49, 355-359.	2.0	22
8	A Giant Eurypterus from the Silurian (Pridoli) Bertie Group of North America. Bulletin of the Peabody Museum of Natural History, 2021, 62, .	0.6	3
9	A Silurian ophiuroid with softâ€tissue preservation. Papers in Palaeontology, 2021, 7, 2041.	0.7	0
10	The first Silurian trilobite with threeâ€dimensionally preserved soft partsÂreveals novel appendage morphology. Papers in Palaeontology, 2021, 7, 2245-2253.	0.7	9
11	Crab in amber reveals an early colonization of nonmarine environments during the Cretaceous. Science Advances, 2021, 7, eabj5689.	4.7	18
12	The Herefordshire LagerstÃtte: fleshing out Silurian marine life. Journal of the Geological Society, 2020, 177, 1-13.	0.9	20
13	Threeâ€dimensional soft tissue preservation revealed in the skin of a nonâ€avian dinosaur. Palaeontology, 2020, 63, 185-193.	1.0	25
14	Phylogenetic and physiological signals in metazoan fossil biomolecules. Science Advances, 2020, 6, eaba6883.	4.7	31
15	Arm waving in stylophoran echinoderms: three-dimensional mobility analysis illuminates cornute locomotion. Royal Society Open Science, 2020, 7, 200191.	1.1	11
16	Paleozoic ammonoid ecomorphometrics test ecospace availability as a driver of morphological diversification. Science Advances, 2020, 6, .	4.7	5
17	Aluminosilicate haloes preserve complex life approximately 800 million years ago. Interface Focus, 2020, 10, 20200011.	1.5	24
18	DISTINGUISHING REGURGITALITES AND COPROLITES: A CASE STUDY USING A TRIASSIC BROMALITE WITH SOFT TISSUE OF THE PSEUDOSUCHIAN ARCHOSAUR REVUELTOSAURUS. Palaios, 2020, 35, 111-121.	0.6	22

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19	Excavating eurypterids, giant arthropods of the Palaeozoic. Geology Today, 2020, 36, 16-21.	0.3	6
20	Chemical signatures of soft tissues distinguish between vertebrates and invertebrates from the Carboniferous Mazon Creek LagerstÃtte of Illinois. Geobiology, 2020, 18, 560-565.	1.1	25
21	Three-dimensional visualization as a tool for interpreting locomotion strategies in ophiuroids from the Devonian HunsrÃ¼ck Slate. Royal Society Open Science, 2020, 7, 201380.	1.1	4
22	Correction to â€˜What big eyes you have: the ecological role of giant pterygotid eurypteridsâ€™. Biology Letters, 2020, 16, 20200753.	1.0	0
23	Petrological evidence supports the death mask model for the preservation of Ediacaran soft-bodied organisms in South Australia: COMMENT. Geology, 2019, 47, e473-e473.	2.0	4
24	Three-dimensionally preserved soft tissues and calcareous hexactins in a Silurian sponge: implications for early sponge evolution. Royal Society Open Science, 2019, 6, 190911.	1.1	7
25	A farewell to arms: using X-ray synchrotron imaging to investigate autotomy in brittle stars. Zoomorphology, 2019, 138, 419-424.	0.4	4
26	Death near the shoreline, not life on land: Ordovician arthropod trackways in the Borrowdale Volcanic Group, UK: COMMENT. Geology, 2019, 47, e463-e463.	2.0	5
27	A new ophiocistioid with soft-tissue preservation from the Silurian Herefordshire LagerstÃtte, and the evolution of the holothurian body plan. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20182792.	1.2	19
28	Palaeobiology of latest Ediacaran phosphorites from the upper Khesen Formation, Khuvsgul Group, northern Mongolia. Journal of Systematic Palaeontology, 2019, 17, 501-532.	0.6	24
29	Hit and Miss: (A Comment on Persons and Acorn, â€œA Sea Scorpionâ€™s Strike: New Evidence of Extreme) Tj ETQq1 1 0.784314 rgBT	1.0	4
30	TAPHONOMY AND BIOLOGICAL AFFINITY OF THREE-DIMENSIONALLY PHOSPHATIZED BROMALITES FROM THE MIDDLE ORDOVICIAN WINNESHIEK LAGERSTÃ„TTE, NORTHEASTERN IOWA, USA. Palaios, 2018, 33, 1-15.	0.6	10
31	A Field Guide to Finding Fossils on Mars. Journal of Geophysical Research E: Planets, 2018, 123, 1012-1040.	1.5	86
32	Softâ€Bodied Fossils Are Not Simply Rotten Carcasses â€" Toward a Holistic Understanding of Exceptional Fossil Preservation. BioEssays, 2018, 40, 1700167.	1.2	84
33	A mineralogical signature for Burgess Shaleâ€"type fossilization. Geology, 2018, 46, 347-350.	2.0	48
34	The Decorah structure, northeastern Iowa: Geology and evidence for formation by meteorite impact. Bulletin of the Geological Society of America, 2018, 130, 2062-2086.	1.6	13
35	A phylogenomic resolution of the sea urchin tree of life. BMC Evolutionary Biology, 2018, 18, 189.	3.2	42
36	Fossilization transforms vertebrate hard tissue proteins into N-heterocyclic polymers. Nature Communications, 2018, 9, 4741.	5.8	86

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37	The function of the ophiuroid nerve ring: how a decentralized nervous system controls coordinated locomotion. Journal of Experimental Biology, 2018, 222, .	0.8	28
38	A well-preserved respiratory system in a Silurian ostracod. Biology Letters, 2018, 14, 20180464.	1.0	8
39	The Winneshiek biota: exceptionally well-preserved fossils in a Middle Ordovician impact crater. Journal of the Geological Society, 2018, 175, 865-874.	0.9	13
40	Integrating morphology and <i>inÂvivo</i> skeletal mobility with digital models to infer function in brittle star arms. Journal of Anatomy, 2018, 233, 696-714.	0.9	12
41	Sampling the insects of the amber forest. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 6525-6527.	3.3	4
42	The Palaeozoic colonization of the water column and the rise of global nekton. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20180883.	1.2	22
43	A three-dimensionally preserved lobopodian from the Herefordshire (Silurian) LagerstÃtte, UK. Royal Society Open Science, 2018, 5, 172101.	1.1	8
44	Seilacher, Konstruktionsâ€Morphologie, Morphodynamics, and the Evolution of form. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2017, 328, 197-206.	0.6	18
45	Ancestral morphology of crown-group molluscs revealed by a new Ordovician stem aculiferan. Nature, 2017, 542, 471-474.	13.7	77
46	Exceptionally preserved conodont apparatuses with giant elements from the Middle Ordovician Winneshiek Konservat-LagerstÃtte, Iowa, USA. Journal of Paleontology, 2017, 91, 493-511.	0.5	20
47	A new crustacean from the Herefordshire (Silurian) LagerstÃtte, UK, and its significance in malacostracan evolution. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170279.	1.2	21
48	Palaeobiology of the early Ediacaran Shuurgat Formation, Zavkhan Terrane, south-western Mongolia. Journal of Systematic Palaeontology, 2017, 15, 947-968.	0.6	10
49	An edrioasteroid from the Silurian Herefordshire LagerstÃtte of England reveals the nature of the water vascular system in an extinct echinoderm. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20171189.	1.2	12
50	A Large Cambrian Chaetognath with Supernumerary Grasping Spines. Current Biology, 2017, 27, 2536-2543.e1.	1.8	19
51	Response by Derek E. G. Briggs for the presentation of the 2015 Paleontological Society Medal. Journal of Paleontology, 2017, 91, 1339-1340.	0.5	0
52	Water vascular system architecture in an Ordovician ophiuroid. Biology Letters, 2017, 13, 20170635.	1.0	10
53	Presentation of the 2016 Paleontological Society Medal to Richard A. Fortey. Journal of Paleontology, 2017, 91, 1349-1350.	0.5	0
54	A new LagerstÃtte from the Late Ordovician Big Hill Formation, Upper Peninsula, Michigan. Journal of the Geological Society, 2017, 174, 18-22.	0.9	16

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55	The first diploaspidid (Chelicerata: Chasmataspidida) from North America (Silurian, Bertie Group, New) Tj ETQq1 1 0.784314 rgBT /Overl	0.9	6
56	Russiaâ€"UK Collaboration in Paleontology: Past, Present, and Future. Paleontological Journal, 2017, 51, 576-599.	0.2	5
57	A molecular portrait of maternal sepsis from Byzantine Troy. ELife, 2017, 6, .	2.8	46
58	Reply to Piper: Aquiloniferâ€™s kites are not mites. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E3320-E3321.	3.3	4
59	Tiny individuals attached to a new Silurian arthropod suggest a unique mode of brood care. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 4410-4415.	3.3	20
60	Three-dimensionally preserved minute larva of a great-appendage arthropod from the early Cambrian Chengjiang biota. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 5542-5546.	3.3	40
61	Experimental evidence that clay inhibits bacterial decomposers: Implications for preservation of organic fossils. Geology, 2016, 44, 867-870.	2.0	81
62	Prospects for Sterane Preservation in Sponge Fossils from Museum Collections and the Utility of Sponge Biomarkers for Molecular Clocks. Bulletin of the Peabody Museum of Natural History, 2016, 57, 181-189.	0.6	15
63	A 365-Million-Year-Old Freshwater Community Reveals Morphological and Ecological Stasis in Branchiopod Crustaceans. Current Biology, 2016, 26, 383-390.	1.8	57
64	The â€˜Tully monsterâ€™ is a vertebrate. Nature, 2016, 532, 496-499.	13.7	35
65	The role of experiments in investigating the taphonomy of exceptional preservation. Palaeontology, 2016, 59, 1-11.	1.0	70
66	The oldest described eurypterid: a giant Middle Ordovician (Darriwilian) megalograptid from the Winneshiek LagerstÃtte of Iowa. BMC Evolutionary Biology, 2015, 15, 169.	3.2	54
67	Bivalved arthropods from the Middle Ordovician Winneshiek LagerstÃtte, Iowa, USA. Journal of Paleontology, 2015, 89, 991-1006.	0.5	20
68	Enalikter aphson is an arthropod: a reply to Struck et al . (2014). Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20142663.	1.2	2
69	A 425-Million-Year-Old Silurian Pentastomid Parasitic on Ostracods. Current Biology, 2015, 25, 1632-1637.	1.8	35
70	The Fezouata fossils of Morocco; an extraordinary record of marine life in the Early Ordovician. Journal of the Geological Society, 2015, 172, 541-549.	0.9	121
71	FACTORS CONTROLLING EXCEPTIONAL PRESERVATION IN CONCRETIONS. Palaios, 2015, 30, 272-280.	0.6	47
72	Anomalocaridid trunk limb homology revealed by a giant filter-feeder with paired flaps. Nature, 2015, 522, 77-80.	13.7	130

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73	Extraordinary fossils reveal the nature of Cambrian life: a commentary on Whittington (1975) â€˜The enigmatic animal<i>Opabinia regalis</i>, Middle Cambrian, Burgess Shale, British Columbiaâ€™. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20140313.	1.8	23
74	A new Ordovician arthropod from the Winneshiek LagerstÃtte of Iowa (USA) reveals the ground plan of eurypterids and chasmataspidids. Die Naturwissenschaften, 2015, 102, 63.	0.6	29
75	The Cambrian explosion. Current Biology, 2015, 25, R864-R868.	1.8	57
76	SEDIMENT PERMEABILITY AND THE PRESERVATION OF SOFT-TISSUES IN CONCRETIONS: AN EXPERIMENTAL STUDY. Palaios, 2015, 30, 608-612.	0.6	25
77	All the better to see you with: eyes and claws reveal the evolution of divergent ecological roles in giant pterygotid eurypterids. Biology Letters, 2015, 11, 20150564.	1.0	36
78	Phosphatization of Vermiform Fossils from the Winneshiek LagerstÃtte, Winneshiek Shale, Northeast Iowa. The Paleontological Society Special Publications, 2014, 13, 73-74.	0.0	0
79	Effects of Microbial Activity on Soft Tissue Phosphatization. The Paleontological Society Special Publications, 2014, 13, 122-122.	0.0	0
80	Distribution of Fossiliferous Concretions at the Mazon Creek Fossil Site. The Paleontological Society Special Publications, 2014, 13, 148-149.	0.0	0
81	Konservat-LagerstÃtten 40 Years On: The Exceptional Becomes Mainstream. The Paleontological Society Papers, 2014, 20, 1-14.	0.8	5
82	Cryptic iridescence in a fossil weevil generated by single diamond photonic crystals. Journal of the Royal Society Interface, 2014, 11, 20140736.	1.5	16
83	Exceptionally Preserved 450-Million-Year-Old Ordovician Ostracods with Brood Care. Current Biology, 2014, 24, 801-806.	1.8	85
84	Ancient biomolecules: Their origins, fossilization, and role in revealing the history of life. BioEssays, 2014, 36, 482-490.	1.2	154
85	The impact of eutrophication and commercial fishing on molluscan communities in Long Island Sound, USA. Biological Conservation, 2014, 170, 137-144.	1.9	28
86	Paleontology: A New Burgess Shale Fauna. Current Biology, 2014, 24, R398-R400.	1.8	3
87	A Silurian short-great-appendage arthropod. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20132986.	1.2	19
88	Adolf Seilacher's fossil record. Geology Today, 2014, 30, 227-231.	0.3	2
89	Adolf Seilacher (1925â€“2014). Nature, 2014, 509, 428-428.	13.7	4
90	What big eyes you have: the ecological role of giant pterygotid eurypterids. Biology Letters, 2014, 10, 20140412.	1.0	34

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91	The implications of a Silurian and other thylacocephalan crustaceans for the functional morphology and systematic affinities of the group. BMC Evolutionary Biology, 2014, 14, 159.	3.2	37
92	A 520 million-year-old chelicerate larva. Nature Communications, 2014, 5, 4440.	5.8	24
93	A mosquitoâ€™s last supper reminds us not to underestimate the fossil record. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 18353-18354.	3.3	12
94	Experimental maturation of feathers: implications for reconstructions of fossil feather colour. Biology Letters, 2013, 9, 20130184.	1.0	71
95	A Silurian myodocope with preserved soft-parts: cautioning the interpretation of the shell-based ostracod record. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20122664.	1.2	36
96	Impact of diagenesis and maturation on the survival of eumelanin in the fossil record. Organic Geochemistry, 2013, 64, 29-37.	0.9	45
97	The fossil record of insect color illuminated by maturation experiments. Geology, 2013, 41, 487-490.	2.0	22
98	Exceptional three-dimensional preservation and coloration of an originally iridescent fossil feather from the Middle Eocene Messel Oil Shale. Palaontologische Zeitschrift, 2013, 87, 493-503.	0.8	20
99	THE CONTROLS ON THE PRESERVATION OF STRUCTURAL COLOR IN FOSSIL INSECTS. Palaios, 2012, 27, 443-454.	0.6	21
100	A Carboniferous Non-Onychophoran Lobopodian Reveals Long-Term Survival of a Cambrian Morphotype. Current Biology, 2012, 22, 1673-1675.	1.8	38
101	The origin of multiplacophorans â€“ convergent evolution in Aculiferan molluscs. Palaeontology, 2012, 55, 1007-1019.	1.0	25
102	Silurian horseshoe crab illuminates the evolution of arthropod limbs. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 15702-15705.	3.3	72
103	A Silurian armoured aplacophoran and implications for molluscan phylogeny. Nature, 2012, 490, 94-97.	13.7	66
104	A Possible Tracemaker for<i>Arthrophycus Alleghaniensis</i>. Journal of Paleontology, 2012, 86, 996-1001.	0.5	10
105	PRESERVATION OF GIANT ANOMALOCARIDIDS IN SILICA-CHLORITE CONCRETIONS FROM THE EARLY ORDOVICIAN OF MOROCCO. Palaios, 2012, 27, 317-325.	0.6	39
106	Direct chemical evidence for eumelanin pigment from the Jurassic period. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 10218-10223.	3.3	166
107	EXPERIMENTAL FORMATION OF A MICROBIAL DEATH MASK. Palaios, 2012, 27, 293-303.	0.6	80
108	Synziphosurines (Xiphosura: Chelicerata) from the Silurian of Iowa. Journal of Paleontology, 2011, 85, 83-91.	0.5	15

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109	A soft-bodied lophophorate from the Silurian of England. Biology Letters, 2011, 7, 146-149.	1.0	12
110	Phyllocarid crustaceans from the Upper Devonian Gogo Formation, Western Australia. Journal of Systematic Palaeontology, 2011, 9, 399-424.	0.6	20
111	Microbial biofilms and the preservation of the Ediacara biota. Lethaia, 2011, 44, 203-213.	0.6	102
112	The cuticle of the enigmatic arthropod<i>Phytophilaspis</i>and biomineralization in Cambrian arthropods. Lethaia, 2011, 44, 344-349.	0.6	12
113	A giant Ordovician anomalocaridid. Nature, 2011, 473, 510-513.	13.7	81
114	Molecular signature of chitin-protein complex in Paleozoic arthropods. Geology, 2011, 39, 255-258.	2.0	79
115	Permo-Triassic arthropod trace fossils from the Beardmore Glacier area, central Transantarctic Mountains, Antarctica. Antarctic Science, 2010, 22, 185-192.	0.5	16
116	Ordovician faunas of Burgess Shale type. Nature, 2010, 465, 215-218.	13.7	282
117	Decay distorts ancestry. Nature, 2010, 463, 741-742.	13.7	10
118	Harry Whittington (1916â€“2010). Nature, 2010, 466, 706-706.	13.7	1
119	An exceptionally preserved myodocopid ostracod from the Silurian of Herefordshire, UK. Proceedings of the Royal Society B: Biological Sciences, 2010, 277, 1539-1544.	1.2	52
120	Plumage Color Patterns of an Extinct Dinosaur. Science, 2010, 327, 1369-1372.	6.0	224
121	Structural coloration in a fossil feather. Biology Letters, 2010, 6, 128-131.	1.0	100
122	Taphonomy of Animal Organic Skeletons Through Time. Topics in Geobiology, 2010, , 199-221.	0.6	5
123	The origin of pterygotid eurypterids (Chelicerata: Eurypterida). Palaeontology, 2009, 52, 1141-1148.	1.0	14
124	A Great-Appendage Arthropod with a Radial Mouth from the Lower Devonian Hunsrùˆck Slate, Germany. Science, 2009, 323, 771-773.	6.0	93
125	Beyond Beecher's Trilobite Bed: Widespread pyritization of soft tissues in the Late Ordovician Taconic foreland basin. Geology, 2009, 37, 907-910.	2.0	62
126	Rapid incorporation of lipids into macromolecules during experimental decay of invertebrates: Initiation of geopolymer formation. Organic Geochemistry, 2009, 40, 589-594.	0.9	37

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127	Elemental mapping of exceptionally preserved â€˜carbonaceous compressionâ€™ fossils. Palaeogeography, Palaeoclimatology, Palaeoecology, 2009, 277, 1-8.	1.0	35
128	The arthropodBundenbachiellus giganteus from the Lower Devonian HunsrÃ¼ck Slate, Germany. Palaontologische Zeitschrift, 2008, 82, 31-39.	0.8	8
129	How <i>Gerarus </i>lost its head: stemâ€group Orthoptera and Paraneoptera revisited. Systematic Entomology, 2008, 33, 529-547.	1.7	39
130	The colour of fossil feathers. Biology Letters, 2008, 4, 522-525.	1.0	167
131	Molecular structure of organic components in cephalopods: Evidence for oxidative cross linking in fossil marine invertebrates. Organic Geochemistry, 2008, 39, 1405-1414.	0.9	43
132	Ecdysis in sea scorpions (Chelicerata: Eurypterida). Palaeogeography, Palaeoclimatology, Palaeoecology, 2008, 265, 182-194.	1.0	45
133	Molecular taphonomy of macrofossils from the Cretaceous Las Hoyas Formation, Spain. Cretaceous Research, 2008, 29, 1-8.	0.6	41
134	Middle Cambrian arthropods from Utah. Journal of Paleontology, 2008, 82, 238-254.	0.5	99
135	Cambrian Burgess Shaleâ€“type deposits share a common mode of fossilization. Geology, 2008, 36, 755.	2.0	171
136	Virtual Fossils from 425 Million-year-old Volcanic Ash. American Scientist, 2008, 96, 474.	0.1	30
137	THE FOSSILIZATION OF EURYPTERIDS: A RESULT OF MOLECULAR TRANSFORMATION. Palaios, 2007, 22, 439-447.	0.6	49
138	A Silurian â€˜marrellomorphâ€™ arthropod. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 2223-2229.	1.2	31
139	A new probable stem lineage crustacean with three-dimensionally preserved soft parts from the Herefordshire (Silurian) LagerstÃtte, UK. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 2099-2108.	1.2	51
140	Pedicle preservation in a Silurian rhynchonelliformean brachiopod from Herefordshire, England: soft-tissue or an artefact of interpretation?â€"A Reply. Earth and Environmental Science Transactions of the Royal Society of Edinburgh, 2007, 98, 309-310.	0.3	1
141	Evidence for the in situ polymerisation of labile aliphatic organic compounds during the preservation of fossil leaves: Implications for organic matter preservation. Organic Geochemistry, 2007, 38, 499-522.	0.9	101
142	Molecular preservation of plant and insect cuticles from the Oligocene Enspel Formation, Germany: Evidence against derivation of aliphatic polymer from sediment. Organic Geochemistry, 2007, 38, 404-418.	0.9	67
143	Experimental evidence for the formation of geomacromolecules from plant leaf lipids. Organic Geochemistry, 2007, 38, 28-36.	0.9	95
144	De Leeuw comment â€œOn the origin of sedimentary aliphatic macromoleculesâ€ Organic Geochemistry, 2007, 38, 1588-1591.	0.9	10

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145	The first tomopterid, a polychaete from the Carboniferous of Scotland. Lethaia, 2007, 20, 257-262.	0.6	1
146	TUZOIA: MORPHOLOGY AND LIFESTYLE OF A LARGE BIVALVED ARTHROPOD OF THE CAMBRIAN SEAS. Journal of Paleontology, 2007, 81, 445-471.	0.5	56
147	Brood care in a Silurian ostracod. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 465-469.	1.2	94
148	The nature and significance of the appendages of <i>Opabinia</i> from the Middle Cambrian Burgess Shale. Lethaia, 2007, 40, 161-173.	0.6	73
149	Reinvestigation of the occurrence of cutan in plants: implications for the leaf fossil record. Paleobiology, 2006, 32, 432-449.	1.3	70
150	Molecular taphonomy of graptolites. Journal of the Geological Society, 2006, 163, 897-900.	0.9	44
151	The organic preservation of fossil arthropods: an experimental study. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 2777-2783.	1.2	84
152	Fossilized soft tissues in a Silurian platyceratid gastropod. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 1039-1044.	1.2	51
153	Silurian brachiopods with soft-tissue preservation. Nature, 2005, 436, 1013-1015.	13.7	68
154	A new specimen ofWeinbergina opitzi (Chelicerata: Xiphosura) from the Lower Devonian Hunsriick Slate, Germany. Palaontologische Zeitschrift, 2005, 79, 399-408.	0.8	25
155	Mineralization of soft-part anatomy and invading microbes in the horseshoe crab Mesolimulus from the Upper Jurassic LagerstÃtte of Nusplingen, Germany. Proceedings of the Royal Society B: Biological Sciences, 2005, 272, 627-632.	1.2	82
156	Metamorphosis in a Silurian barnacle. Proceedings of the Royal Society B: Biological Sciences, 2005, 272, 2365-2369.	1.2	34
157	A starfish with three-dimensionally preserved soft parts from the Silurian of England. Proceedings of the Royal Society B: Biological Sciences, 2005, 272, 1001-1006.	1.2	55
158	A NEW SYNZIPHOSURINE (CHELICERATA: XIPHOSURA) FROM THE LATE LLANDOVERY (SILURIAN) WAUKESHA LAGERSTÃ„TTE, WISCONSIN, USA. Journal of Paleontology, 2005, 79, 242-250.	0.5	26
159	Wonderful strife: systematics, stem groups, and the phylogenetic signal of the Cambrian radiation. Paleobiology, 2005, 31, 94-112.	1.3	90
160	A new phyllocarid (Crustacea: Malacostraca) from the Silurian Fossilâ€"LagerstÃtte of Herefordshire, UK. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, 131-138.	1.2	96
161	The Preservation of Invertebrates in 16th-Century Cesspits at St Saviourgate, York*. Archaeometry, 2004, 46, 157-169.	0.6	18
162	Computer reconstruction and analysis of the vermiform mollusc Acaenoplax hayae from the Herefordshire Lagerstatte (Silurian, England), and implications for molluscan phylogeny. Palaeontology, 2004, 47, 293-318.	1.0	60

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163	A Silurian sea spider. Nature, 2004, 431, 978-980.	13.7	77
164	Experimental attachment of sediment particles to invertebrate eggs and the preservation of soft-bodied fossils. Journal of the Geological Society, 2004, 161, 735-738.	0.9	46
165	Taphonomy of insects in carbonates and amber. Palaeogeography, Palaeoclimatology, Palaeoecology, 2004, 203, 19-64.	1.0	258
166	THEROLE OFDECAY ANDMINERALIZATION IN THEPRESERVATION OFSOFT-BODIEDFOSSILS. Annual Review of Earth and Planetary Sciences, 2003, 31, 275-301.	4.6	497
167	An Ostracode Crustacean with Soft Parts from the Lower Silurian. Science, 2003, 302, 1749-1751.	6.0	118
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