

# Derek Briggs

## List of Publications by Year in Descending Order

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**Version:** 2024-04-27

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

369  
papers

11,052  
citations

62  
h-index

93  
g-index

386  
ext. papers

12,377  
ext. citations

7.7  
avg, IF

6.43  
L-index

#	Paper	IF	Citations
369	Raman spectroscopy is a powerful tool in molecular paleobiology: An analytical response to Alleon et al. ( <a href="https://doi.org/10.1002/bies.202000295">https://doi.org/10.1002/bies.202000295</a> ).. <i>BioEssays</i> , <b>2022</b> , 44, e2100070	4.1	1
368	The remarkable visual system of a Cretaceous crab.. <i>IScience</i> , <b>2022</b> , 25, 103579	6.1	
367	Crab in amber reveals an early colonization of nonmarine environments during the Cretaceous. <i>Science Advances</i> , <b>2021</b> , 7, eabj5689	14.3	5
366	A Giant Eurypterid from the Silurian (Pridoli) Bertie Group of North America. <i>Bulletin of the Peabody Museum of Natural History</i> , <b>2021</b> , 62,	0.8	1
365	A Silurian ophiuroid with soft-tissue preservation. <i>Papers in Palaeontology</i> , <b>2021</b> , 7, 2041	2.5	
364	Fossilization potential of marine assemblages and environments. <i>Geology</i> , <b>2021</b> , 49, 258-262	5	5
363	Early formation and taphonomic significance of kaolinite associated with Burgess Shale fossils. <i>Geology</i> , <b>2021</b> , 49, 355-359	5	7
362	The first Silurian trilobite with three-dimensionally preserved soft parts reveals novel appendage morphology. <i>Papers in Palaeontology</i> , <b>2021</b> , 7, 2245	2.5	1
361	Aluminosilicate haloes preserve complex life approximately 800 million years ago. <i>Interface Focus</i> , <b>2020</b> , 10, 20200011	3.9	14
360	DISTINGUISHING REGURGITALITES AND COPROLITES: A CASE STUDY USING A TRIASSIC BROMALITE WITH SOFT TISSUE OF THE PSEUDOSUCHIAN ARCHOSAUR REVUELTOSAURUS. <i>Palaios</i> , <b>2020</b> , 35, 111-121	1.6	7
359	Excavating eurypterids, giant arthropods of the Palaeozoic. <i>Geology Today</i> , <b>2020</b> , 36, 16-21	0.4	1
358	Chemical signatures of soft tissues distinguish between vertebrates and invertebrates from the Carboniferous Mazon Creek Lagerstätte of Illinois. <i>Geobiology</i> , <b>2020</b> , 18, 560-565	4.3	10
357	Three-dimensional visualization as a tool for interpreting locomotion strategies in ophiuroids from the Devonian Hunsrück Slate. <i>Royal Society Open Science</i> , <b>2020</b> , 7, 201380	3.3	1
356	Three-dimensional soft tissue preservation revealed in the skin of a non-avian dinosaur. <i>Palaeontology</i> , <b>2020</b> , 63, 185-193	2.9	10
355	Phylogenetic and physiological signals in metazoan fossil biomolecules. <i>Science Advances</i> , <b>2020</b> , 6, eaba6883	6.8	6
354	Arm waving in stylophoran echinoderms: three-dimensional mobility analysis illuminates cornute locomotion. <i>Royal Society Open Science</i> , <b>2020</b> , 7, 200191	3.3	3
353	Paleozoic ammonoid ecomorphometrics test ecospace availability as a driver of morphological diversification. <i>Science Advances</i> , <b>2020</b> , 6,	14.3	1

352	The Herefordshire Lagerstätte: fleshing out Silurian marine life. <i>Journal of the Geological Society</i> , <b>2020</b> , 177, 1-13	2.7	11
351	A farewell to arms: using X-ray synchrotron imaging to investigate autotomy in brittle stars. <i>Zoomorphology</i> , <b>2019</b> , 138, 419-424	1	1
350	Death near the shoreline, not life on land: Ordovician arthropod trackways in the Borrowdale Volcanic Group, UK: COMMENT. <i>Geology</i> , <b>2019</b> , 47, e463-e463	5	2
349	A new ophiocistioid with soft-tissue preservation from the Silurian Herefordshire Lagerstätte, and the evolution of the holothurian body plan. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2019</b> , 286, 20182792	4.4	9
348	Petrological evidence supports the death mask model for the preservation of Ediacaran soft-bodied organisms in South Australia: COMMENT. <i>Geology</i> , <b>2019</b> , 47, e473-e473	5	1
347	Three-dimensionally preserved soft tissues and calcareous hexactins in a Silurian sponge: implications for early sponge evolution. <i>Royal Society Open Science</i> , <b>2019</b> , 6, 190911	3.3	4
346	Palaeobiology of latest Ediacaran phosphorites from the upper Khesen Formation, Khuvsgul Group, northern Mongolia. <i>Journal of Systematic Palaeontology</i> , <b>2019</b> , 17, 501-532	2.3	13
345	The function of the ophiuroid nerve ring: how a decentralized nervous system controls coordinated locomotion. <i>Journal of Experimental Biology</i> , <b>2019</b> , 222,	3	13
344	Hit and Miss: (A Comment on Persons and Acorn, A Sea Scorpion) Strike: New Evidence of Extreme Lateral Flexibility in the Opisthosoma of Eurypterids. <i>American Naturalist</i> , <b>2018</b> , 191, 352-354	3.7	2
343	TAPHONOMY AND BIOLOGICAL AFFINITY OF THREE-Dimensionally PHOSPHATIZED BROMALITES FROM THE MIDDLE ORDOVICIAN WINNESHIEK LAGERSTÄTTE, NORTHEASTERN IOWA, USA. <i>Palaios</i> , <b>2018</b> , 33, 1-15	1.6	8
342	A Field Guide to Finding Fossils on Mars. <i>Journal of Geophysical Research E: Planets</i> , <b>2018</b> , 123, 1012-1040	4.1	54
341	The Palaeozoic colonization of the water column and the rise of global nekton. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2018</b> , 285,	4.4	12
340	A three-dimensionally preserved lobopodian from the Herefordshire (Silurian) Lagerstätte, UK. <i>Royal Society Open Science</i> , <b>2018</b> , 5, 172101	3.3	7
339	Soft-Bodied Fossils Are Not Simply Rotten Carcasses - Toward a Holistic Understanding of Exceptional Fossil Preservation: Exceptional Fossil Preservation Is Complex and Involves the Interplay of Numerous Biological and Geological Processes. <i>BioEssays</i> , <b>2018</b> , 40, 1700167	4.1	51
338	A mineralogical signature for Burgess Shale-type fossilization. <i>Geology</i> , <b>2018</b> , 46, 347-350	5	28
337	The Decorah structure, northeastern Iowa: Geology and evidence for formation by meteorite impact. <i>Bulletin of the Geological Society of America</i> , <b>2018</b> , 130, 2062-2086	3.9	9
336	A phylogenomic resolution of the sea urchin tree of life. <i>BMC Evolutionary Biology</i> , <b>2018</b> , 18, 189	3	22
335	Fossilization transforms vertebrate hard tissue proteins into N-heterocyclic polymers. <i>Nature Communications</i> , <b>2018</b> , 9, 4741	17.4	51

334	A well-preserved respiratory system in a Silurian ostracod. <i>Biology Letters</i> , <b>2018</b> , 14,	3.6	6
333	The Winneshiek biota: exceptionally well-preserved fossils in a Middle Ordovician impact crater. <i>Journal of the Geological Society</i> , <b>2018</b> , 175, 865-874	2.7	9
332	Integrating morphology and in vivo skeletal mobility with digital models to infer function in brittle star arms. <i>Journal of Anatomy</i> , <b>2018</b> , 233, 696-714	2.9	8
331	Sampling the insects of the amber forest. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 6525-6527	11.5	2
330	Seilacher, Konstruktions-Morphologie, Morphodynamics, and the Evolution of form. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , <b>2017</b> , 328, 197-206	1.8	7
329	Ancestral morphology of crown-group molluscs revealed by a new Ordovician stem aculiferan. <i>Nature</i> , <b>2017</b> , 542, 471-474	50.4	53
328	Exceptionally preserved conodont apparatuses with giant elements from the Middle Ordovician Winneshiek Konservat-Lagerstätte, Iowa, USA. <i>Journal of Paleontology</i> , <b>2017</b> , 91, 493-511	1.1	18
327	A new crustacean from the Herefordshire (Silurian) Lagerstätte, UK, and its significance in malacostracan evolution. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2017</b> , 284,	4.4	16
326	Palaeobiology of the early Ediacaran Shuurgat Formation, Zavkhan Terrane, south-western Mongolia. <i>Journal of Systematic Palaeontology</i> , <b>2017</b> , 15, 947-968	2.3	8
325	An edrioasteroid from the Silurian Herefordshire Lagerstätte of England reveals the nature of the water vascular system in an extinct echinoderm. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2017</b> , 284,	4.4	7
324	A Large Cambrian Chaetognath with Supernumerary Grasping Spines. <i>Current Biology</i> , <b>2017</b> , 27, 2536-2543, e1	3.1	14
323	Response by Derek E. G. Briggs for the presentation of the 2015 Paleontological Society Medal. <i>Journal of Paleontology</i> , <b>2017</b> , 91, 1339-1340	1.1	
322	Water vascular system architecture in an Ordovician ophiuroid. <i>Biology Letters</i> , <b>2017</b> , 13,	3.6	6
321	Presentation of the 2016 Paleontological Society Medal to Richard A. Fortey. <i>Journal of Paleontology</i> , <b>2017</b> , 91, 1349-1350	1.1	
320	A new Lagerstätte from the Late Ordovician Big Hill Formation, Upper Peninsula, Michigan. <i>Journal of the Geological Society</i> , <b>2017</b> , 174, 18-22	2.7	13
319	The first diploaspid (Chelicerata: Chasmataspidida) from North America (Silurian, Bertie Group, New York State) is the oldest species of Diploaspis. <i>Geological Magazine</i> , <b>2017</b> , 154, 175-180	2	5
318	Russia-UK Collaboration in Paleontology: Past, Present, and Future. <i>Paleontological Journal</i> , <b>2017</b> , 51, 576-599	0.6	3
317	A molecular portrait of maternal sepsis from Byzantine Troy. <i>ELife</i> , <b>2017</b> , 6,	8.9	26

316	Experimental evidence that clay inhibits bacterial decomposers: Implications for preservation of organic fossils. <i>Geology</i> , <b>2016</b> , 44, 867-870	5	54
315	Prospects for Sterane Preservation in Sponge Fossils from Museum Collections and the Utility of Sponge Biomarkers for Molecular Clocks. <i>Bulletin of the Peabody Museum of Natural History</i> , <b>2016</b> , 57, 181-189	0.8	12
314	A 365-Million-Year-Old Freshwater Community Reveals Morphological and Ecological Stasis in Branchiopod Crustaceans. <i>Current Biology</i> , <b>2016</b> , 26, 383-90	6.3	49
313	The 'Tully monster' is a vertebrate. <i>Nature</i> , <b>2016</b> , 532, 496-9	50.4	27
312	The role of experiments in investigating the taphonomy of exceptional preservation. <i>Palaeontology</i> , <b>2016</b> , 59, 1-11	2.9	54
311	Reply to Piper: Aquilonifer's kites are not mites. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, E3320-1	11.5	4
310	Tiny individuals attached to a new Silurian arthropod suggest a unique mode of brood care. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 4410-5	11.5	15
309	Three-dimensionally preserved minute larva of a great-appendage arthropod from the early Cambrian Chengjiang biota. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 5542-6	11.5	27
308	Enalikter aphson is an arthropod: a reply to Struck et al. (2014). <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2015</b> , 282, 20142663	4.4	2
307	A 425-million-year-old silurian pentastomid parasitic on ostracods. <i>Current Biology</i> , <b>2015</b> , 25, 1632-7	6.3	27
306	The Fezouata fossils of Morocco; an extraordinary record of marine life in the Early Ordovician. <i>Journal of the Geological Society</i> , <b>2015</b> , 172, 541-549	2.7	90
305	FACTORS CONTROLLING EXCEPTIONAL PRESERVATION IN CONCRETIONS. <i>Palaios</i> , <b>2015</b> , 30, 272-280	1.6	29
304	Anomalocaridid trunk limb homology revealed by a giant filter-feeder with paired flaps. <i>Nature</i> , <b>2015</b> , 522, 77-80	50.4	98
303	Extraordinary fossils reveal the nature of Cambrian life: a commentary on Whittington (1975) 'The enigmatic animal <i>Opabinia regalis</i> , Middle Cambrian, Burgess Shale, British Columbia'. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2015</b> , 370,	5.8	17
302	A new Ordovician arthropod from the Winneshiek Lagerstätte of Iowa (USA) reveals the ground plan of eurypterids and chasmataspidids. <i>Die Naturwissenschaften</i> , <b>2015</b> , 102, 63	2	26
301	The Cambrian explosion. <i>Current Biology</i> , <b>2015</b> , 25, R864-8	6.3	38
300	SEDIMENT PERMEABILITY AND THE PRESERVATION OF SOFT-TISSUES IN CONCRETIONS: AN EXPERIMENTAL STUDY. <i>Palaios</i> , <b>2015</b> , 30, 608-612	1.6	17
299	All the better to see you with: eyes and claws reveal the evolution of divergent ecological roles in giant pterygotid eurypterids. <i>Biology Letters</i> , <b>2015</b> , 11,	3.6	28

298	The oldest described eurypterid: a giant Middle Ordovician (Darriwilian) megalograptid from the Winneshiek Lagerstätte of Iowa. <i>BMC Evolutionary Biology</i> , <b>2015</b> , 15, 169	3	35
297	Bivalved arthropods from the Middle Ordovician Winneshiek Lagerstätte, Iowa, USA. <i>Journal of Paleontology</i> , <b>2015</b> , 89, 991-1006	1.1	16
296	Exceptionally preserved 450-million-year-old ordovician ostracods with brood care. <i>Current Biology</i> , <b>2014</b> , 24, 801-6	6.3	68
295	Ancient biomolecules: their origins, fossilization, and role in revealing the history of life. <i>BioEssays</i> , <b>2014</b> , 36, 482-90	4.1	111
294	The impact of eutrophication and commercial fishing on molluscan communities in Long Island Sound, USA. <i>Biological Conservation</i> , <b>2014</b> , 170, 137-144	6.2	21
293	Paleontology: a new Burgess Shale fauna. <i>Current Biology</i> , <b>2014</b> , 24, R398-400	6.3	3
292	A Silurian short-great-appendage arthropod. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2014</b> , 281, 20132986	4.4	14
291	Adolf Seilacher's fossil record. <i>Geology Today</i> , <b>2014</b> , 30, 227-231	0.4	2
290	Adolf Seilacher (1925-2014). <i>Nature</i> , <b>2014</b> , 509, 428	50.4	2
289	What big eyes you have: the ecological role of giant pterygotid eurypterids. <i>Biology Letters</i> , <b>2014</b> , 10,	3.6	29
288	The implications of a Silurian and other thylacocephalan crustaceans for the functional morphology and systematic affinities of the group. <i>BMC Evolutionary Biology</i> , <b>2014</b> , 14, 159	3	32
287	A 520 million-year-old chelicerate larva. <i>Nature Communications</i> , <b>2014</b> , 5, 4440	17.4	19
286	Phosphatization of Vermiform Fossils from the Winneshiek Lagerstätte, Winneshiek Shale, Northeast Iowa. <i>The Paleontological Society Special Publications</i> , <b>2014</b> , 13, 73-74		
285	Effects of Microbial Activity on Soft Tissue Phosphatization. <i>The Paleontological Society Special Publications</i> , <b>2014</b> , 13, 122-122		
284	Distribution of Fossiliferous Concretions at the Mazon Creek Fossil Site. <i>The Paleontological Society Special Publications</i> , <b>2014</b> , 13, 148-149		
283	Konservat-Lagerstätten 40 Years On: The Exceptional Becomes Mainstream. <i>The Paleontological Society Papers</i> , <b>2014</b> , 20, 1-14		3
282	Cryptic iridescence in a fossil weevil generated by single diamond photonic crystals. <i>Journal of the Royal Society Interface</i> , <b>2014</b> , 11, 20140736	4.1	15
281	A mosquito's last supper reminds us not to underestimate the fossil record. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 18353-4	11.5	10

280	Experimental maturation of feathers: implications for reconstructions of fossil feather colour. <i>Biology Letters</i> , <b>2013</b> , 9, 20130184	3.6	58
279	A Silurian myodocope with preserved soft-parts: cautioning the interpretation of the shell-based ostracod record. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2013</b> , 280, 20122664	4.4	32
278	Impact of diagenesis and maturation on the survival of eumelanin in the fossil record. <i>Organic Geochemistry</i> , <b>2013</b> , 64, 29-37	3.1	36
277	The fossil record of insect color illuminated by maturation experiments. <i>Geology</i> , <b>2013</b> , 41, 487-490	5	19
276	Exceptional three-dimensional preservation and coloration of an originally iridescent fossil feather from the Middle Eocene Messel Oil Shale. <i>Palaontologische Zeitschrift</i> , <b>2013</b> , 87, 493-503	1.2	19
275	A Carboniferous non-onychophoran lobopodian reveals long-term survival of a Cambrian morphotype. <i>Current Biology</i> , <b>2012</b> , 22, 1673-5	6.3	33
274	The origin of multiplacophorans [convergent evolution in Aculiferan molluscs. <i>Palaeontology</i> , <b>2012</b> , 55, 1007-1019	2.9	20
273	Silurian horseshoe crab illuminates the evolution of arthropod limbs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 15702-5	11.5	60
272	A Silurian armoured aplacophoran and implications for molluscan phylogeny. <i>Nature</i> , <b>2012</b> , 490, 94-7	50.4	62
271	A Possible Tracemaker for Arthropycus Alleghaniensis. <i>Journal of Paleontology</i> , <b>2012</b> , 86, 996-1001	1.1	7
270	PRESERVATION OF GIANT ANOMALOCARIDIDS IN SILICA-CHLORITE CONCRETIONS FROM THE EARLY ORDOVICIAN OF MOROCCO. <i>Palaios</i> , <b>2012</b> , 27, 317-325	1.6	27
269	Direct chemical evidence for eumelanin pigment from the Jurassic period. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 10218-23	11.5	135
268	EXPERIMENTAL FORMATION OF A MICROBIAL DEATH MASK. <i>Palaios</i> , <b>2012</b> , 27, 293-303	1.6	60
267	THE CONTROLS ON THE PRESERVATION OF STRUCTURAL COLOR IN FOSSIL INSECTS. <i>Palaios</i> , <b>2012</b> , 27, 443-454	1.6	11
266	Microbial biofilms and the preservation of the Ediacara biota. <i>Lethaia</i> , <b>2011</b> , 44, 203-213	1.3	83
265	The cuticle of the enigmatic arthropod Phytophilaspis and biomineralization in Cambrian arthropods. <i>Lethaia</i> , <b>2011</b> , 44, 344-349	1.3	11
264	A giant Ordovician anomalocaridid. <i>Nature</i> , <b>2011</b> , 473, 510-3	50.4	68
263	Synziphosurines (Xiphosura: Chelicerata) from the Silurian of Iowa. <i>Journal of Paleontology</i> , <b>2011</b> , 85, 83-91	1.1	14



262	A soft-bodied lophophorate from the Silurian of England. <i>Biology Letters</i> , <b>2011</b> , 7, 146-9	3.6	7
261	Phyllocarid crustaceans from the Upper Devonian Gogo Formation, Western Australia. <i>Journal of Systematic Palaeontology</i> , <b>2011</b> , 9, 399-424	2.3	18
260	Molecular signature of chitin-protein complex in Paleozoic arthropods. <i>Geology</i> , <b>2011</b> , 39, 255-258	5	64
259	Ordovician faunas of Burgess Shale type. <i>Nature</i> , <b>2010</b> , 465, 215-8	50.4	211
258	An exceptionally preserved myodocopid ostracod from the Silurian of Herefordshire, UK. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2010</b> , 277, 1539-44	4.4	45
257	Plumage color patterns of an extinct dinosaur. <i>Science</i> , <b>2010</b> , 327, 1369-72	33.3	183
256	Structural coloration in a fossil feather. <i>Biology Letters</i> , <b>2010</b> , 6, 128-31	3.6	84
255	Permo-Triassic arthropod trace fossils from the Beardmore Glacier area, central Transantarctic Mountains, Antarctica. <i>Antarctic Science</i> , <b>2010</b> , 22, 185-192	1.7	14
254	Taphonomy of Animal Organic Skeletons Through Time. <i>Topics in Geobiology</i> , <b>2010</b> , 199-221	0.2	4
253	The origin of pterygotid eurypterids (Chelicerata: Eurypterida). <i>Palaeontology</i> , <b>2009</b> , 52, 1141-1148	2.9	9
252	A great-appendage arthropod with a radial mouth from the Lower Devonian Hunsrück Slate, Germany. <i>Science</i> , <b>2009</b> , 323, 771-3	33.3	76
251	Beyond Beecher's Trilobite Bed: Widespread pyritization of soft tissues in the Late Ordovician Taconic foreland basin. <i>Geology</i> , <b>2009</b> , 37, 907-910	5	46
250	Rapid incorporation of lipids into macromolecules during experimental decay of invertebrates: Initiation of geopolymer formation. <i>Organic Geochemistry</i> , <b>2009</b> , 40, 589-594	3.1	29
249	Elemental mapping of exceptionally preserved carbonaceous compression fossils. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2009</b> , 277, 1-8	2.9	22
248	How Gerarus lost its head: stem-group Orthoptera and Paraneoptera revisited. <i>Systematic Entomology</i> , <b>2008</b> , 33, 529-547	3.4	38
247	The colour of fossil feathers. <i>Biology Letters</i> , <b>2008</b> , 4, 522-5	3.6	135
246	Molecular structure of organic components in cephalopods: Evidence for oxidative cross linking in fossil marine invertebrates. <i>Organic Geochemistry</i> , <b>2008</b> , 39, 1405-1414	3.1	33
245	Ecdysis in sea scorpions (Chelicerata: Eurypterida). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2008</b> , 265, 182-194	2.9	37



244	Molecular taphonomy of macrofossils from the Cretaceous Las Hoyas Formation, Spain. <i>Cretaceous Research</i> , <b>2008</b> , 29, 1-8	1.8	34
243	Middle Cambrian arthropods from Utah. <i>Journal of Paleontology</i> , <b>2008</b> , 82, 238-254	1.1	87
242	Cambrian Burgess Shale-type deposits share a common mode of fossilization. <i>Geology</i> , <b>2008</b> , 36, 755	5	135
241	The arthropod <i>Bundenbachiellus giganteus</i> from the Lower Devonian Hunsrück Slate, Germany. <i>Palaontologische Zeitschrift</i> , <b>2008</b> , 82, 31-39	1.2	5
240	Virtual Fossils from 425 Million-year-old Volcanic Ash. <i>American Scientist</i> , <b>2008</b> , 96, 474	2.7	28
239	The nature and significance of the appendages of <i>Opabinia</i> from the Middle Cambrian Burgess Shale. <i>Lethaia</i> , <b>2007</b> , 40, 161-173	1.3	51
238	THE FOSSILIZATION OF EURYPTERIDS: A RESULT OF MOLECULAR TRANSFORMATION. <i>Palaios</i> , <b>2007</b> , 22, 439-447	1.6	35
237	A Silurian 'marrellomorph' arthropod. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2007</b> , 274, 2223-9	4.4	25
236	A new probable stem lineage crustacean with three-dimensionally preserved soft parts from the Herefordshire (Silurian) Lagerstätte, UK. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2007</b> , 274, 2099-107	4.4	34
235	Pedicle preservation in a Silurian rhynchonelliformean brachiopod from Herefordshire, England: soft-tissue or an artefact of interpretation? A Reply. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , <b>2007</b> , 98, 309-310	0.9	1
234	Evidence for the in situ polymerisation of labile aliphatic organic compounds during the preservation of fossil leaves: Implications for organic matter preservation. <i>Organic Geochemistry</i> , <b>2007</b> , 38, 499-522	3.1	90
233	Molecular preservation of plant and insect cuticles from the Oligocene Enspel Formation, Germany: Evidence against derivation of aliphatic polymer from sediment. <i>Organic Geochemistry</i> , <b>2007</b> , 38, 404-418	3.1	60
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