

# Gregory D Edgecombe

## List of Publications by Year in descending order

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238  
papers

12,576  
citations

44444

50  
h-index

36203

101  
g-index

247  
all docs

247  
docs citations

247  
times ranked

7173  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Ediacaran origin of Ecdysozoa: integrating fossil and phylogenomic data. <i>Journal of the Geological Society</i> , 2022, 179, .	0.9	21
2	Zoology: The view from 1,000 feet. <i>Current Biology</i> , 2022, 32, R225-R228.	1.8	1
3	Serial Homology and Segment Identity in the Arthropod Head. <i>Integrative Organismal Biology</i> , 2022, 4, .	0.9	14
4	Phylogeny of Lithobiidae Newport, 1844, with emphasis on the megadiverse genus <i>Lithobius</i> Leach, 1814 (Myriapoda, Chilopoda). <i>Cladistics</i> , 2021, 37, 162-184.	1.5	5
5	Phylogenetic response of naraoiid arthropods to early “middle Cambrian environmental change. <i>Palaeontology</i> , 2021, 64, 161-177.	1.0	6
6	The tracheal system of scutigermorph centipedes and the evolution of respiratory systems of myriapods. <i>Arthropod Structure and Development</i> , 2021, 60, 101006.	0.8	4
7	Systematics, preservation and biogeography of radiodonts from the southern Great Basin, <scp>USA</scp>, during the upper Dyeran (Cambrian Series 2, Stage 4). <i>Papers in Palaeontology</i> , 2021, 7, 235-262.	0.7	22
8	Biomechanical analyses of Cambrian euarthropod limbs reveal their effectiveness in mastication and durophagy. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20202075.	1.2	33
9	Exites in Cambrian arthropods and homology of arthropod limb branches. <i>Nature Communications</i> , 2021, 12, 4619.	5.8	13
10	Spatial patterns of phylogenetic diversity and endemism in the Western Ghats, India: A case study using ancient predatory arthropods. <i>Ecology and Evolution</i> , 2021, 11, 16499-16513.	0.8	11
11	Bird's nest ferns promote resource sharing by centipedes. <i>Biotropica</i> , 2020, 52, 335-344.	0.8	8
12	The out-of-India hypothesis: evidence from an ancient centipede genus, <i>Rhysida</i> (Chilopoda: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 T of the Linnean Society, 2020, 189, 828-861.	1.0	17
13	Arachnid monophyly: Morphological, palaeontological and molecular support for a single terrestrialization within Chelicerata. <i>Arthropod Structure and Development</i> , 2020, 59, 100997.	0.8	35
14	Ancestral morphology of Ecdysozoa constrained by an early Cambrian stem group ecdysozoan. <i>BMC Evolutionary Biology</i> , 2020, 20, 156.	3.2	12
15	Disparate compound eyes of Cambrian radiodonts reveal their developmental growth mode and diverse visual ecology. <i>Science Advances</i> , 2020, 6, .	4.7	21
16	Arthropod Origins: Integrating Paleontological and Molecular Evidence. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2020, 51, 1-25.	3.8	30
17	An overview of the extant genera and subgenera of the order Scolopendromorpha (Chilopoda): a new identification key and updated diagnoses. <i>Zootaxa</i> , 2020, 4825, zootaxa.4825.1.1.	0.2	9
18	A Cambrian “Ordovician Terrestrialization of Arachnids. <i>Frontiers in Genetics</i> , 2020, 11, 182.	1.1	43

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19	A Tube-Dwelling Early Cambrian Lobopodian. <i>Current Biology</i> , 2020, 30, 1529-1536.e2.	1.8	16
20	Aquatic stem group myriapods close a gap between molecular divergence dates and the terrestrial fossil record. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 8966-8972.	3.3	27
21	A troglobitic species of the centipede <i>Cryptops</i> (Chilopoda, Scolopendromorpha) from northwestern Botswana. <i>ZooKeys</i> , 2020, 977, 25-40.	0.5	2
22	A new radiodont (stem Euarthropoda) frontal appendage with a mosaic of characters from the Cambrian (Series 2 Stage 3) Chengjiang biota. <i>Papers in Palaeontology</i> , 2019, 5, 99-110.	0.7	26
23	Jaw elements in <i>Plumulites bengtsoni</i> confirm that machaeridians are extinct armoured scaleworms. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191247.	1.2	12
24	Developing an integrated understanding of the evolution of arthropod segmentation using fossils and evo-devo. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191881.	1.2	22
25	Evolutionary biogeography of the centipede genus <i>Ethmostigmus</i> from Peninsular India: testing an ancient vicariance hypothesis for Old World tropical diversity. <i>BMC Evolutionary Biology</i> , 2019, 19, 41.	3.2	9
26	Increasing species sampling in chelicerate genomic-scale datasets provides support for monophyly of Acari and Arachnida. <i>Nature Communications</i> , 2019, 10, 2295.	5.8	90
27	The Phylogeny and Evolutionary History of Arthropods. <i>Current Biology</i> , 2019, 29, R592-R602.	1.8	155
28	Cambrian Sessile, Suspension Feeding Stem-Group Ctenophores and Evolution of the Comb Jelly Body Plan. <i>Current Biology</i> , 2019, 29, 1112-1125.e2.	1.8	58
29	Exploring the evolution and terrestrialization of scorpions (Arachnida: Scorpiones) with rocks and clocks. <i>Organisms Diversity and Evolution</i> , 2019, 19, 71-86.	0.7	33
30	Trilobite evolutionary rates constrain the duration of the Cambrian explosion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 4394-4399.	3.3	90
31	Blind scolopendrid centipedes of the genus. <i>Invertebrate Systematics</i> , 2019, 33, 807-824.	0.5	6
32	Fine-scale appendage structure of the Cambrian trilobitomorph <i>Naraoia spinosa</i> and its ontogenetic and ecological implications. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20192371.	1.2	22
33	Phylogenomics illuminates the backbone of the Myriapoda Tree of Life and reconciles morphological and molecular phylogenies. <i>Scientific Reports</i> , 2018, 8, 83.	1.6	56
34	Soft-bodied Fossils Are Not Simply Rotten Carcasses – Toward a Holistic Understanding of Exceptional Fossil Preservation. <i>BioEssays</i> , 2018, 40, 1700167.	1.2	84
35	New radiodonts with gnathobase-like structures from the Cambrian Chengjiang biota and implications for the systematics of Radiodonta. <i>Papers in Palaeontology</i> , 2018, 4, 605-621.	0.7	43
36	Morphology of the mandibles and the first maxillae in the family Lithobiidae (Myriapoda, Chilopoda), with remarks on their phylogenetic significance. <i>Journal of Morphology</i> , 2018, 279, 1798-1826.	0.6	3

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37	The peristomatic structures as a source of systematic characters in the genus <i>Lithobius</i> Leach, 1814 (Myriapoda, Chilopoda). <i>ZooKeys</i> , 2018, 741, 49-75.	0.5	3
38	Molecular phylogeny and systematics of the centipede genus <i>Ethmostigmus</i> Pocock (Chilopoda :). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	0.5	10
39	Systematic revision and phylogenetic reassessment of the centipede genera <i>Rhysida</i> Wood, 1862 and <i>Alluopus</i> Silvestri, 1912 (Chilopoda: Scolopendromorpha) in Southeast Asia, with further discussion of the subfamily Otostigminae. <i>Invertebrate Systematics</i> , 2018, 32, 1005.	0.5	12
40	Homeosis in a scorpion supports a telopodal origin of pectines and components of the book lungs. <i>BMC Evolutionary Biology</i> , 2018, 18, 73.	3.2	9
41	A new aglaspidid-like euarthropod from the lower Cambrian Emu Bay Shale of South Australia. <i>Geological Magazine</i> , 2017, 154, 87-95.	0.9	12
42	Tracking the variability of phenotypic traits on a molecular phylogeny: an example from scolopendrid centipedes in peninsular India. <i>Organisms Diversity and Evolution</i> , 2017, 17, 393-408.	0.7	5
43	A xandarellid arthropod from Morocco " a middle Cambrian link between soft-bodied euarthropod communities in North Africa and South China. <i>Scientific Reports</i> , 2017, 7, 42616.	1.6	10
44	Palaeontology: The Cause of Jaws and Claws. <i>Current Biology</i> , 2017, 27, R807-R810.	1.8	6
45	Current Understanding of Ecdysozoa and its Internal Phylogenetic Relationships. <i>Integrative and Comparative Biology</i> , 2017, 57, 455-466.	0.9	95
46	Host-specific infestation in early Cambrian worms. <i>Nature Ecology and Evolution</i> , 2017, 1, 1465-1469.	3.4	24
47	Telson morphology of <i>Leancoiliidae</i> (Arthropoda: Megacheira) highlighted by a new <i>Leancoilia</i> from the Cambrian Chengjiang biota. <i>Alcheringa</i> , 2017, 41, 581-589.	0.5	5
48	Inferring Arthropod Phylogeny: Fossils and their Interaction with Other Data Sources. <i>Integrative and Comparative Biology</i> , 2017, 57, 467-476.	0.9	9
49	A new terrestrial millipede fauna of earliest Carboniferous (Tournaisian) age from southeastern Scotland helps fill "Romer's Gap". <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 2017, 108, 99-110.	0.3	5
50	The functional head of the Cambrian radiodontan (stem-group Euarthropoda) <i>Amplectobelua symbrachiata</i> . <i>BMC Evolutionary Biology</i> , 2017, 17, 208.	3.2	41
51	A new cave centipede from Croatia, <i>Eupolybothrus liburnicus</i> sp. n., with notes on the subgenus <i>Schizopolybothrus</i> Verhoeff, 1934 (Chilopoda, Lithobiomorpha, Lithobiidae). <i>ZooKeys</i> , 2017, 687, 11-43.	0.5	7
52	A New Chytridiomycete Fungus Intermixed with Crustacean Resting Eggs in a 407-Million-Year-Old Continental Freshwater Environment. <i>PLoS ONE</i> , 2016, 11, e0167301.	1.1	20
53	Unveiling biases in soft-tissue phosphatization: extensive preservation of musculature in the Cretaceous (Cenomanian) polychaete <i>Rollinschaeta myoplana</i> (Annelida: Amphinomidae). <i>Palaeontology</i> , 2016, 59, 463-479.	1.0	24
54	The impact of fossil data on annelid phylogeny inferred from discrete morphological characters. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20161378.	1.2	41

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55	Exploring Phylogenetic Relationships within Myriapoda and the Effects of Matrix Composition and Occupancy on Phylogenomic Reconstruction. <i>Systematic Biology</i> , 2016, 65, 871-889.	2.7	93
56	The mouth apparatus of the Cambrian gilled lobopodian <i>Pambdelurion whittingtoni</i> . <i>Palaeontology</i> , 2016, 59, 841-849.	1.0	26
57	Carboniferous Onychophora from Montceau-les-Mines, France, and onychophoran terrestrialization. <i>Invertebrate Biology</i> , 2016, 135, 179-190.	0.3	20
58	Mineral weathering and soil development in the earliest land plant ecosystems. <i>Geology</i> , 2016, 44, 1007-1010.	2.0	39
59	Morphology of the radiodontan <i>Lyrarapax</i> from the early Cambrian Chengjiang biota. <i>Journal of Paleontology</i> , 2016, 90, 663-671.	0.5	32
60	Fossils and the Evolution of the Arthropod Brain. <i>Current Biology</i> , 2016, 26, R989-R1000.	1.8	38
61	A molecular palaeobiological exploration of arthropod terrestrialization. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150133.	1.8	131
62	Fossil calibrations for the arthropod Tree of Life. <i>Earth-Science Reviews</i> , 2016, 160, 43-110.	4.0	168
63	The Emu Bay Shale Konservat-Lagerstätte: a view of Cambrian life from East Gondwana. <i>Journal of the Geological Society</i> , 2016, 173, 1-11.	0.9	82
64	The meaning of categorical ranks in evolutionary biology. <i>Organisms Diversity and Evolution</i> , 2016, 16, 427-430.	0.7	48
65	Arthropod eyes: The early Cambrian fossil record and divergent evolution of visual systems. <i>Arthropod Structure and Development</i> , 2016, 45, 152-172.	0.8	64
66	A taxonomic review of the centipede genus <i>Scolopendra</i> Linnaeus, 1758 (Scolopendromorpha). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30</i> <i>2016</i> , 590, 1-124.	0.5	19
67	Cambrian stem-group annelids and a metameric origin of the annelid head. <i>Biology Letters</i> , 2015, 11, .	1.0	28
68	Molecular developmental evidence for a subcoxal origin of pleurites in insects and identity of the subcoxa in the gnathal appendages. <i>Scientific Reports</i> , 2015, 5, 15757.	1.6	18
69	Preservational Pathways of Corresponding Brains of a Cambrian Euarthropod. <i>Current Biology</i> , 2015, 25, 2969-2975.	1.8	51
70	Unlocking the early fossil record of the arthropod central nervous system. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20150038.	1.8	37
71	A new fireworm (Amphinomidae) from the Cretaceous of Lebanon identified from three-dimensionally preserved myoanatomy. <i>BMC Evolutionary Biology</i> , 2015, 15, 256.	3.2	13
72	The Centipede Genus <i>Scolopendra</i> in Mainland Southeast Asia: Molecular Phylogenetics, Geometric Morphometrics and External Morphology as Tools for Species Delimitation. <i>PLoS ONE</i> , 2015, 10, e0135355.	1.1	29

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73	First record of the African-Indian centipede genus <i>Digitipes</i> Attems, 1930 (Scolopendromorpha: Tj ETQq1 1 0.784314 rgBT /Overlooked phylogenetics. <i>Zootaxa</i> , 2015, 3931, 71-87.	0.2	9
74	Palaeontology: In a Flap About Flaps. <i>Current Biology</i> , 2015, 25, R503-R506.	1.8	3
75	The "great appendage" arthropod <i>Tanglangia</i> : Biogeographic connections between early Cambrian biotas of Australia and South China. <i>Gondwana Research</i> , 2015, 27, 1667-1672.	3.0	13
76	Species limits and phylogeography of <i>Newportia</i> (Scolopendromorpha) and implications for widespread morphospecies. <i>ZooKeys</i> , 2015, 510, 65-77.	0.5	5
77	Interaction of the tracheal tubules of <i>Scutigera coleoptrata</i> (Chilopoda, Notostigmophora) with glandular structures of the pericardial septum. <i>ZooKeys</i> , 2015, 510, 233-242.	0.5	3
78	Tentorial mobility in centipedes (Chilopoda) revisited: 3D reconstruction of the mandibulo-tentorial musculature of Geophilomorpha. <i>ZooKeys</i> , 2015, 510, 243-267.	0.5	2
79	At the end of the rope: <i>Geophilus hadesi</i> sp. n. "the world's deepest cave-dwelling centipede (Chilopoda, Geophilomorpha, Geophilidae). <i>ZooKeys</i> , 2015, 510, 95-114.	0.5	16
80	Evaluating Topological Conflict in Centipede Phylogeny Using Transcriptomic Data Sets. <i>Molecular Biology and Evolution</i> , 2014, 31, 1500-1513.	3.5	68
81	A new vetulicolian from Australia and its bearing on the chordate affinities of an enigmatic Cambrian group. <i>BMC Evolutionary Biology</i> , 2014, 14, 214.	3.2	25
82	Geophilomorph centipedes from the Cambrian retaceous amber of Burma. <i>Palaeontology</i> , 2014, 57, 97-110.	1.0	13
83	Cong et al. reply. <i>Nature</i> , 2014, 516, E3-E4.	13.7	7
84	Morphology and evolution of Myriapoda. <i>Arthropod Structure and Development</i> , 2014, 43, 3-4.	0.8	6
85	A New Exceptionally Preserved Cambrian Priapulid from the Chengjiang Lagerstätte. <i>Journal of Paleontology</i> , 2014, 88, 371-384.	0.5	27
86	An exceptionally preserved arthropod cardiovascular system from the early Cambrian. <i>Nature Communications</i> , 2014, 5, 3560.	5.8	39
87	Origins and early evolution of arthropods. <i>Palaeontology</i> , 2014, 57, 457-468.	1.0	88
88	Animal Phylogeny and Its Evolutionary Implications. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2014, 45, 371-395.	3.8	323
89	Brain structure resolves the segmental affinity of anomalocaridid appendages. <i>Nature</i> , 2014, 513, 538-542.	13.7	136
90	Morphology of <i>Anomalocaris canadensis</i> from the Burgess Shale. <i>Journal of Paleontology</i> , 2014, 88, 68-91.	0.5	91

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91	The morphology and phylogenetic position of the Cambrian lobopodian <i>Diania cactiformis</i> . Journal of Systematic Palaeontology, 2014, 12, 445-457.	0.6	25
92	First Molecular Data and the Phylogenetic Position of the Millipede-Like Centipede <i>Edentistoma octosulcatum</i> TÅ¶mÃ¶svÃ¶ry, 1882 (Chilopoda: Scolopendromorpha: Scolopendridae). PLoS ONE, 2014, 9, e112461.	1.1	6
93	Arthropod fossil data increase congruence of morphological and molecular phylogenies. Nature Communications, 2013, 4, 2485.	5.8	240
94	Rates of Phenotypic and Genomic Evolution during the Cambrian Explosion. Current Biology, 2013, 23, 1889-1895.	1.8	140
95	Cambrian palaeoscoleoids (Cycloneuralia) from Gondwana and reappraisal of species assigned to <i>Palaeoscolex</i> . Gondwana Research, 2013, 24, 780-795.	3.0	42
96	New anatomical information on <i>Aenomalocaris</i> from the Cambrian <i>Eumucrobyx</i> shale of South Australia and a reassessment of its inferred predatory habits. Palaeontology, 2013, 56, 971-990.	1.0	46
97	A "Collins" monster-type lobopodian from the Emu Bay Shale Konservat-Lagerstätte (Cambrian), South Australia. Alcheringa, 2013, 37, 474-478.	0.5	11
98	Stable phylogenetic patterns in scutigermorph centipedes (Myriapoda : Chilopoda : Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td (Scu Invertebrate Systematics, 2013, 27, 485.	0.5	21
99	Phylogenetics of scolopendromorph centipedes: can denser taxon sampling improve an artificial classification?. Invertebrate Systematics, 2013, 27, 578.	0.5	41
100	Chelicerate neural ground pattern in a Cambrian great appendage arthropod. Nature, 2013, 502, 364-367.	13.7	123
101	<strong>Revision of the scolopendrid centipede <em>Digitipes</em> Attems, 1930, from India (Chilopoda: Scolopendromorpha): reconciling molecular and morphological estimates of species diversity</strong>. Zootaxa, 2013, 3626, 99-145.	0.2	20
102	<p><strong>Scolopendromorph centipedes (Chilopoda: scolopendromorpha) in the Natural History Museum (London): A review of the hitherto unidentified species </strong> collected in Africa, with remarks on taxonomy and distribution, </strong> and a new species of <em>Otostigmus (Parotostigmus)</em></strong></p>. Zootaxa, 2013, 3734, 169.	0.2	7
103	The Arthropod Fossil Record. , 2013, , 393-415.		15
104	The Arthropoda: A Phylogenetic Framework. , 2013, , 17-40.		19
105	A timeline for terrestrialization: consequences for the carbon cycle in the Palaeozoic. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 519-536.	1.8	227
106	A scolopocryptopid centipede (Chilopoda: Scolopendromorpha) from Mexican amber: synchrotron microtomography and phylogenetic placement using a combined morphological and molecular data set. Zoological Journal of the Linnean Society, 2012, 166, 768-786.	1.0	22
107	Spiracle structure in scolopendromorph centipedes (Chilopoda: Scolopendromorpha) and its contribution to phylogenetics. Zoomorphology, 2012, 131, 225-248.	0.4	13
108	Morphology of Cambrian lobopodian eyes from the Chengjiang Lagerstätte and their evolutionary significance. Arthropod Structure and Development, 2012, 41, 495-504.	0.8	15

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109	New arthropodan arthropods from the early Cambrian Emu Bay Shale Konservat-Lagerstätte of South Australia. <i>Journal of Paleontology</i> , 2012, 86, 340-357.	0.5	34
110	Cambrian bivalved arthropod reveals origin of arthropodization. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 4699-4704.	1.2	84
111	Complex brain and optic lobes in an early Cambrian arthropod. <i>Nature</i> , 2012, 490, 258-261.	13.7	168
112	A new genus of scolopendrid centipede (Chilopoda: Scolopendromorpha: Scolopendriini) from the central Australian deserts. <i>Zootaxa</i> , 2012, 3321, 22.	0.2	3
113	Revision of the rare centipede genus <i>Sterropristes</i> Attems, 1934, with description of a new species from Thailand (Chilopoda: Scolopendromorpha: Scolopendridae). <i>Zootaxa</i> , 2012, 3484, 35.	0.2	8
114	Reevaluating the Arthropod Tree of Life. <i>Annual Review of Entomology</i> , 2012, 57, 167-186.	5.7	166
115	Evolution of blindness in scolopendromorph centipedes (Chilopoda: Scolopendromorpha): insight from an expanded sampling of molecular data. <i>Cladistics</i> , 2012, 28, 4-20.	1.5	36
116	The preoral chamber in geophilomorph centipedes: comparative morphology, phylogeny, and the evolution of centipede feeding structures. <i>Zoological Journal of the Linnean Society</i> , 2012, 165, 1-62.	1.0	18
117	The Upper Ordovician trinucleid trilobite <i>Bancroftolithus</i> from the Precordillera of Argentina. <i>Journal of Paleontology</i> , 2011, 85, 1160-1180.	0.5	6
118	A congruent solution to arthropod phylogeny: phylogenomics, microRNAs and morphology support monophyletic Mandibulata. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 298-306.	1.2	227
119	A New Leanchioid Megacheiran Arthropod from the Lower Cambrian Emu Bay Shale, South Australia. <i>Acta Palaeontologica Polonica</i> , 2011, 56, 385-400.	0.4	53
120	Modern optics in exceptionally preserved eyes of Early Cambrian arthropods from Australia. <i>Nature</i> , 2011, 474, 631-634.	13.7	73
121	Detecting taxonomic signal in an under-utilised character system: geometric morphometrics of the forcipular coxae of Scutigeroidea (Chilopoda). <i>ZooKeys</i> , 2011, 156, 49-66.	0.5	5
122	MicroRNAs and phylogenomics resolve the relationships of Tardigrada and suggest that velvet worms are the sister group of Arthropoda. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 15920-15924.	3.3	212
123	Lobopodian phylogeny reanalysed. <i>Nature</i> , 2011, 476, E1-E1.	13.7	15
124	Acute vision in the giant Cambrian predator <i>Anomalocaris</i> and the origin of compound eyes. <i>Nature</i> , 2011, 480, 237-240.	13.7	152
125	Early Terrestrial Animals, Evolution, and Uncertainty. <i>Evolution: Education and Outreach</i> , 2011, 4, 489-501.	0.3	22
126	Comparative phylogeography of the centipedes <i>Cryptops pictus</i> and <i>C. niuensis</i> (Chilopoda) in New Caledonia, Fiji and Vanuatu. <i>Organisms Diversity and Evolution</i> , 2011, 11, 61-74.	0.7	23



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127	Higher-level metazoan relationships: recent progress and remaining questions. <i>Organisms Diversity and Evolution</i> , 2011, 11, 151-172.	0.7	247
128	Arthropod phylogeny: An overview from the perspectives of morphology, molecular data and the fossil record. <i>Arthropod Structure and Development</i> , 2010, 39, 74-87.	0.8	145
129	The geological record and phylogeny of the Myriapoda. <i>Arthropod Structure and Development</i> , 2010, 39, 174-190.	0.8	116
130	Including secondary structure, fossils and molecular dating in the centipede tree of life. <i>Molecular Phylogenetics and Evolution</i> , 2010, 57, 301-313.	1.2	90
131	Nektaspid arthropods from the Lower Cambrian Emu Bay Shale Lagerstätte, South Australia, with a reassessment of lamellipedian relationships. <i>Palaeontology</i> , 2010, 53, 377-402.	1.0	58
132	Palaeomorphology: fossils and the inference of cladistic relationships. <i>Acta Zoologica</i> , 2010, 91, 72-80.	0.6	27
133	Anatomy of <i>Ectonocryptoides</i> (Scolopocryptopidae: Ectonocryptopinae) and the phylogeny of blind Scolopendromorpha (Chilopoda). <i>International Journal of Myriapodology</i> , 2010, 3, 51-81.	0.9	24
134	The centipede genus <i>Eupolybothrus</i> Verhoeff, 1907 (Chilopoda: Lithobiomorpha: Lithobiidae) in North Africa, a cybertaxonomic revision, with a key to all species in the genus and the first use of DNA barcoding for the group. <i>ZooKeys</i> , 2010, 50, 29-77.	0.5	31
135	A common terminology for the external anatomy of centipedes (Chilopoda). <i>ZooKeys</i> , 2010, 69, 17-51.	0.5	195
136	Resolving the phylogenetic position of enigmatic New Guinea and Seychelles Scutigermorpha (Chilopoda): a molecular and morphological assessment of <i>Ballonemini</i> . <i>Invertebrate Systematics</i> , 2010, 24, 539.	0.5	8
137	Discovery of the centipede family Plutoniumidae (Chilopoda) in Asia: a new species of <i>Theatops</i> from China, and the taxonomic value of spiracle distributions in Scolopendromorpha. <i>Zootaxa</i> , 2010, 2667, 51.	0.2	12
138	A new species of <i>Parascutigera</i> (Chilopoda: Scutigermorpha) from Queensland, Australia. <i>International Journal of Myriapodology</i> , 2009, 2, 155-166.	0.9	1
139	Palaeontological and Molecular Evidence Linking Arthropods, Onychophorans, and other Ecdysozoa. <i>Evolution: Education and Outreach</i> , 2009, 2, 178-190.	0.3	31
140	Phylogenetics of scutigermorph centipedes (Myriapoda: Chilopoda) with implications for species delimitation and historical biogeography of the Australian and New Caledonian faunas. <i>Cladistics</i> , 2009, 25, 406-427.	1.5	30
141	Geometric approaches to the taxonomic analysis of centipede gonopods (Chilopoda: Scolopendromorpha). <i>Journal of Zoology</i> , 2009, 265, 1-10.	1.0	182
142	Phylogenetic implications of gizzard morphology in scolopendromorph centipedes (Chilopoda). <i>Zoologica Scripta</i> , 2009, 38, 269-288.	0.7	27
143	Saltational evolution of trunk segment number in centipedes. <i>Evolution &amp; Development</i> , 2009, 11, 318-322.	1.1	54
144	The bivalved arthropods <i>Isoxys</i> and <i>Tuzoia</i> with soft-part preservation from the Lower Cambrian Emu Bay Shale Lagerstätte (Kangaroo Island, Australia). <i>Palaeontology</i> , 2009, 52, 1221-1241.	1.0	63

#	ARTICLE	IF	CITATIONS
145	Assessing the root of bilaterian animals with scalable phylogenomic methods. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 4261-4270.	1.2	645
146	The Burgess Shale Anomalocaridid <i>Hurdia</i> and Its Significance for Early Euarthropod Evolution. Science, 2009, 323, 1597-1600.	6.0	146
147	A geophilomorph centipede (Chilopoda) from La Buzinie amber (Late Cretaceous, Cenomanian), SW France. Geodiversitas, 2009, 31, 29-39.	0.2	13
148	Assembling the spiralian tree of life. , 2009, , 52-64.		32
149	The peristomatic structures of Lithobiomorpha (Myriapoda, Chilopoda): Comparative morphology and phylogenetic significance. Journal of Morphology, 2008, 269, 153-174.	0.6	15
150	Phylogeny of scolopendromorph centipedes (Chilopoda): morphological analysis featuring characters from the peristomatic area. Cladistics, 2008, 24, 872-901.	1.5	38
151	Broad phylogenomic sampling improves resolution of the animal tree of life. Nature, 2008, 452, 745-749.	13.7	1,698
152	Gonopod segmentation and the Australian centipede <i>Prionopodella</i> (Chilopoda): testing a basal position in the Scutigleromorpha. Journal of Natural History, 2008, 42, 1289-1301.	0.2	2
153	A New Zealand species of the trans-Tasman centipede order Craterostigmomorpha (Arthropoda : ) Tj ETQq1 1 0.784314 rgBT /Overlod	0.5	50
154	Variability in trunk segmentation in the centipede order Scolopendromorpha: a remarkable new species of Scolopendropsis Brandt (Chilopoda: Scolopendridae) from Brazil. Zootaxa, 2008, 1888, 36.	0.2	32
155	Anatomical nomenclature: homology, standardization and datasets. Zootaxa, 2008, 1950, 87-95.	0.2	11
156	Heterochrony in the Silurian radiation of encrinurine trilobites. Lethaia, 2007, 20, 337-351.	0.6	6
157	Evolutionary Biology of Centipedes (Myriapoda: Chilopoda). Annual Review of Entomology, 2007, 52, 151-170.	5.7	133
158	Centipede systematics: progress and problems*. Zootaxa, 2007, 1668, 327-341.	0.2	16
159	A modern look at the Animal Tree of Life*. Zootaxa, 2007, 1668, 61-79.	0.2	39
160	THE EARLY CAMBRIAN TRILOBITE FAMILY EMUELLIDAE POCOCK, 1970: SYSTEMATIC POSITION AND REVISION OF AUSTRALIAN SPECIES. Journal of Paleontology, 2006, 80, 496-513.	0.5	43
161	The importance of looking at small-scale patterns when inferring Gondwanan biogeography: a case study of the centipede <i>Paralamyctes</i> (Chilopoda, Lithobiomorpha, Henicopidae). Biological Journal of the Linnean Society, 2006, 89, 65-78.	0.7	40
162	A century later - a total evidence re-evaluation of the phylogeny of scutigleromorph centipedes (Myriapoda:Chilopoda). Invertebrate Systematics, 2006, 20, 503.	0.5	85

#	ARTICLE	IF	CITATIONS
163	The evolution of arthropod heads: reconciling morphological, developmental and palaeontological evidence. <i>Development Genes and Evolution</i> , 2006, 216, 395-415.	0.4	238
164	Peristomatic structures in Scutigermorpha (Chilopoda): a comparative study, with new characters for higher-level systematics. <i>Zoomorphology</i> , 2006, 125, 187-207.	0.4	44
165	Phylogeny and biogeography of the Australasian centipede <i>Henicops</i> (Chilopoda: Lithobiomorpha): A combined morphological and molecular approach. <i>Insect Systematics and Evolution</i> , 2006, 37, 241-256.	0.2	6
166	Conflict between datasets and phylogeny of centipedes: an analysis based on seven genes and morphology. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 531-538.	1.2	50
167	A troglotic cryptopid centipede (Chilopoda: Scolopendromorpha) from western Queensland. <i>Records of the Western Australian Museum</i> , 2006, 23, 193.	0.8	7
168	TRIARTHROID TRILOBITES (OLENIDAE) FROM THE MIDDLE AND UPPER ORDOVICIAN, PRECORDILLERA OF ARGENTINA. <i>Journal of Paleontology</i> , 2005, 79, 89-109.	0.5	9
169	A troglomorphic species of the centipede <i>Cryptops</i> ( <i>Trigonocryptops</i> ) (Chilopoda:). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 507 To</i> 315.	0.8	16
170	A proposed standardised terminology for the external taxonomic characters of the Scolopendromorpha (Chilopoda). <i>Fragmenta Faunistica</i> , 2005, 48, 1-8.	0.2	23
171	Morphological data, extant Myriapoda, and the myriapod stem-group. <i>Contributions To Zoology</i> , 2004, 73, 207-252.	0.2	66
172	A new species of <i>Paralamyctes</i> (Chilopoda: Lithobiomorpha) from New Zealand. <i>Zootaxa</i> , 2004, 451, 1.	0.2	2
173	<i>Remylamyctes</i> (Chilopoda: Lithobiomorpha), a hemicopid centipede from Madagascar and R union. <i>Zootaxa</i> , 2004, 686, 1.	0.2	2
174	Monophyly of Lithobiomorpha (Chilopoda): New characters from the pretarsal claws. <i>Insect Systematics and Evolution</i> , 2004, 35, 29-41.	0.2	9
175	The hemicopid centipede <i>Haasiella</i> (Chilopoda: Lithobiomorpha): new species from Australia, with a morphology-based phylogeny of Henicopidae. <i>Journal of Natural History</i> , 2004, 38, 37-76.	0.2	12
176	Molecular phylogeny of Australasian anopsobiine centipedes (Chilopoda : Lithobiomorpha). <i>Invertebrate Systematics</i> , 2004, 18, 235.	0.5	10
177	Two new species of the hemicopid centipede <i>Henicops</i> (Chilopoda: Lithobiomorpha) from Queensland and Victoria, with revision of species from Western Australia and a synoptic classification of Henicopidae. <i>Records of the Australian Museum</i> , 2004, 56, 1-28.	0.3	15
178	A new <i>Henicops</i> (Chilopoda: Lithobiomorpha) from Lord Howe Island and its sister group relationship with Australasian species. <i>Acta Arachnologica</i> , 2004, 53, 1-12.	0.0	1
179	THE TRIASSIC ISOPOD <i>PROTAMPHISOPUS WIANAMATTENSIS</i> (CHILTON) AND COMPARISON WITH EXTANT TAXA (CRUSTACEA, PHRETOICIDEA). <i>Journal of Paleontology</i> , 2003, 77, 454-470.	0.5	15
180	New Calmoniid Trilobites (Phacopina: Acastoidea) from the Devonian of Bolivia. <i>American Museum Novitates</i> , 2003, 3407, 1-17.	0.2	4

#	ARTICLE	IF	CITATIONS
181	A new species of <i>Paralamyctes</i> (Chilopoda: Lithobiomorpha: Henicopidae) from southern Chile. <i>Zootaxa</i> , 2003, 193, 1-12.	0.2	7
182	The lacinia mobilis and Similar Structures – a Valuable Character in Arthropod Phylogenetics?. <i>Zoologischer Anzeiger</i> , 2002, 241, 339-361.	0.4	41
183	Phylogeny of Henicopidae (Chilopoda: Lithobiomorpha): a combined analysis of morphology and five molecular loci. <i>Systematic Entomology</i> , 2002, 27, 31-64.	1.7	90
184	Phylogeny and Systematic Position of Opiliones: A Combined Analysis of Chelicerate Relationships Using Morphological and Molecular Data. <i>Cladistics</i> , 2002, 18, 5-70.	1.5	237
185	Phylogeny and systematic position of Opiliones: a combined analysis of chelicerate relationships using morphological and molecular data. <i>Cladistics</i> , 2002, 18, 5-70.	1.5	178
186	Systematics of Shumardiidae (Trilobita), with new species from the Ordovician of Argentina. <i>Journal of Paleontology</i> , 2001, 75, 827-859.	0.5	14
187	An Odontogriphid from the Upper Permian of Australia. <i>Palaeontology</i> , 2001, 44, 861-874.	1.0	6
188	Arthropod phylogeny based on eight molecular loci and morphology. <i>Nature</i> , 2001, 413, 157-161.	13.7	502
189	Early Silurian (Llandovery) trilobites from the Cotton Formation, near Forbes, New South Wales, Australia. <i>Alcheringa</i> , 2001, 25, 87-105.	0.5	10
190	SYSTEMATICS OF SHUMARDIIDAE (TRILOBITA), WITH NEW SPECIES FROM THE ORDOVICIAN OF ARGENTINA. <i>Journal of Paleontology</i> , 2001, 75, 827-859.	0.5	33
191	Cladistic Biogeography: Component-Based Methods and Paleontological Application. <i>Topics in Geobiology</i> , 2001, , 235-289.	0.6	12
192	Revision of <i>Paralamyctes</i> (Chilopoda: Lithobiomorpha: Henicopidae), with six new species from eastern Australia. <i>Records of the Australian Museum</i> , 2001, 53, 201-241.	0.3	22
193	Arthropod Cladistics: Combined Analysis of Histone H3 and U2 snRNA Sequences and Morphology. <i>Cladistics</i> , 2000, 16, 155-203.	1.5	131
194	Silurian trilobites from the El Carmen Formation, Bolivia. <i>Senckenbergiana Lethaea</i> , 2000, 79, 329-355.	0.3	8
195	Arthropod Cladistics: Combined Analysis of Histone H3 and U2 snRNA Sequences and Morphology. <i>Cladistics</i> , 2000, 16, 155-203.	1.5	7
196	Ordovician plimerid and prosopiscid trilobites from Argentina. <i>Journal of Paleontology</i> , 1999, 73, 1144-1154.	0.5	15
197	Upper Ordovician Phacopida (Trilobita) from Tasmania. <i>Alcheringa</i> , 1999, 23, 235-257.	0.5	10
198	<i>Synaustrus</i> and the euthycarcinoid puzzle. <i>Alcheringa</i> , 1999, 23, 193-213.	0.5	16

#	ARTICLE	IF	CITATIONS
199	Ordovician cheirurid trilobites from the Argentine Precordillera. <i>Journal of Paleontology</i> , 1999, 73, 1155-1175.	0.5	14
200	Relationships of Cambrian Arachnata and the systematic position of Trilobita. <i>Journal of Paleontology</i> , 1999, 73, 263-287.	0.5	115
201	Ontogenies of some Ordovician Telephinidae from Argentina, and larval patterns in the Proetida (Trilobita). <i>Journal of Paleontology</i> , 1999, 73, 219-239.	0.5	27
202	Devonian terrestrial arthropods from Gondwana. <i>Nature</i> , 1998, 394, 172-175.	13.7	25
203	Ontogeny and systematics of Toernquistiidae (Trilobita, Proetida) from the Ordovician of the Argentine Precordillera. <i>Journal of Paleontology</i> , 1998, 72, 273-303.	0.5	36
204	Ordovician (Whiterock) calymenid and encrinurid trilobites from the Precordillera of Argentina. <i>Journal of Paleontology</i> , 1998, 72, 678-697.	0.5	16
205	Early myriapodous arthropods from Australia: Maldybulakia from the Devonian of New South Wales. <i>Records of the Australian Museum</i> , 1998, 50, 293-313.	0.3	10
206	Ontogeny of the proetoid trilobite <i>Stenoblepharum</i> and relationships of a new species from the Upper Ordovician of Argentina. <i>Journal of Paleontology</i> , 1997, 71, 419-433.	0.5	34
207	<i>Cindarella</i> and the arachnate clade Xandarellida (Arthropoda, Early Cambrian) from China. <i>Transactions of the Royal Society of Edinburgh: Earth Sciences</i> , 1997, 88, 19-38.	1.0	41
208	Ontogeny and relationships of the Ordovician odontopleurid trilobite <i>Ceratocara</i> with new species from Argentina and New York. <i>Journal of Paleontology</i> , 1997, 71, 108-125.	0.5	25
209	Morphological and ecological disparity in naraoiids (Arthropoda) from the Early Cambrian Chengjiang Fauna, China. <i>Records of the Australian Museum</i> , 1997, 49, 1-24.	0.3	62
210	Preservational folds simulating tergite junctions in tegopeltid and naraoiid arthropods. <i>Lethaia</i> , 1996, 29, 15-20.	0.6	21
211	Devonian Aulacopleurid trilobites of the Malvinokaffric realm. <i>Geobios</i> , 1996, 29, 417-436.	0.7	12
212	The "Encrinurus" variolaris plexus (Trilobita, Silurian): Relationships of Llandovery species. <i>Geobios</i> , 1996, 29, 209-233.	0.7	8
213	Balizoma and the new genera Aegrotocatellus and Perirehaedulus: Encrinurid trilobites from the Douro Formation (Silurian, Ludlow) of the central Canadian Arctic. <i>Journal of Paleontology</i> , 1995, 69, 736-752.	0.5	8
214	Lower Devonian calmoniid trilobites from the Argentine Precordillera: new taxa of the <i>Bouleia</i> Group, and remarks on the tempo of calmoniid radiation. <i>Geological Magazine</i> , 1994, 131, 449-464.	0.9	11
215	Revision of the silurian encrinurine trilobite <i>Wallacia lamont</i> 1978, with species from Gotland and Canada. <i>Palaontologische Zeitschrift</i> , 1994, 68, 89-115.	0.8	8
216	Earliest Devonian phacopide trilobites from central Bolivia. <i>Palaontologische Zeitschrift</i> , 1994, 68, 397-410.	0.8	11

#	ARTICLE	IF	CITATIONS
217	New Lower Silurian (Llandovery) encrinurine trilobites from the Mackenzie Mountains, Canada. <i>Journal of Paleontology</i> , 1994, 68, 824-837.	0.5	10
218	Ontogeny and relationships of Trinucleoidea (Trilobita). <i>Journal of Paleontology</i> , 1994, 68, 523-540.	0.5	40
219	<i>Andinacaste</i> (Trilobita) from the earliest Devonian of Argentina. <i>Journal of Paleontology</i> , 1994, 68, 837-841.	0.5	6
220	Silurian (Ludlow) acastid trilobites from Gotland and Scania, Sweden. <i>Palaontologische Zeitschrift</i> , 1993, 67, 261-285.	0.8	11
221	Silurian acastacean trilobites of the Americas. <i>Journal of Paleontology</i> , 1993, 67, 535-548.	0.5	16
222	Beecher's Trilobite Bed. <i>Geology Today</i> , 1993, 9, 97-102.	0.3	9
223	Early Silurian (Llandovery) encrinurine trilobites from the Mackenzie Mountains, Canada. <i>Journal of Paleontology</i> , 1992, 66, 52-74.	0.5	20
224	Silurian Encrinurinae (Trilobita) from the central United States. <i>Journal of Paleontology</i> , 1992, 66, 75-89.	0.5	14
225	The Silurian encrinurine trilobite <i>Pacificurus</i> : new species from North America. <i>Journal of Paleontology</i> , 1992, 66, 255-262.	0.5	11
226	The Silurian dalmanitid trilobite <i>Glyptambon Holloway</i> : new species from Tennessee and Illinois. <i>Journal of Paleontology</i> , 1991, 65, 294-300.	0.5	1
227	Systematics and biogeography of the <i>Malvinella</i> group, Calmoniidae (Trilobita, Devonian). <i>Journal of Paleontology</i> , 1991, 65, 824-843.	0.5	33
228	Lectotype and synonymy of <i>Cryphaeus nicholsi</i> Roy, 1929 (Trilobita, Devonian). <i>Journal of Paleontology</i> , 1990, 64, 1044-1044.	0.5	1
229	Encrinurine trilobites from the Silurian Brownsport Formation of Tennessee. <i>Journal of Paleontology</i> , 1990, 64, 961-967.	0.5	6
230	Extinction and migration in Silurian trilobites and conodonts of northwestern Canada. <i>Journal of the Geological Society</i> , 1990, 147, 703-715.	0.9	25
231	Trilobite monophyly revisited. <i>Historical Biology</i> , 1990, 4, 267-283.	0.7	46
232	The influence of <i>Trypanites</i> in the diagenesis of Devonian stromatoporoids. <i>Journal of Paleontology</i> , 1988, 62, 22-31.	0.5	21
233	The first report of a macroloxoceratine cephalopod from the North American Mississippian. <i>Journal of Paleontology</i> , 1988, 62, 309-311.	0.5	6
234	An operculum of the Silurian nautiloid <i>Aptychopsis</i> from Arctic Canada. <i>Lethaia</i> , 1987, 20, 63-65.	0.6	4

#	ARTICLE	IF	CITATIONS
235	Heterochrony in the Silurian radiation of encrinurine trilobites. <i>Lethaia</i> , 1987, 20, 337-351.	0.6	35
236	Central nervous system of a 310-m.y.-old horseshoe crab: Expanding the taphonomic window for nervous system preservation. <i>Geology</i> , 0, , .	2.0	6
237	<i>Tabelliscolex</i> (Cricosmiidae: Palaeoscolecoidomorpha) from the early Cambrian Chengjiang Biota, and the evolution of seriation in Ecdysozoa. <i>Journal of the Geological Society</i> , 0, , jgs2021-060.	0.9	5
238	Carboniferous horseshoe crab musculature suggests anatomical conservatism within Xiphosurida. <i>Papers in Palaeontology</i> , 0, , .	0.7	1