Gonzalo Giribet

List of Publications by Year
in descending order

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350 papers	20,176 citations	10956 71 h-index	17055 122 g-index
368 all docs	368 docs citations	368 times ranked	10392 citing authors

#	Article	IF	Citations
1	Broad phylogenomic sampling improves resolution of the animal tree of life. Nature, 2008, 452, 745-749.	13.7	1,698
2	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
3	Arthropod phylogeny based on eight molecular loci and morphology. Nature, 2001, 413, 157-161.	13.7	502
4	Triploblastic Relationships with Emphasis on the Acoelomates and the Position of Gnathostomulida, Cycliophora, Plathelminthes, and Chaetognatha: A Combined Approach of 18S rDNA Sequences and Morphology. Systematic Biology, 2000, 49, 539-562.	2.7	381
5	Resolving the evolutionary relationships of molluscs with phylogenomic tools. Nature, 2011, 480, 364-367.	13.7	359
6	Animal Phylogeny and Its Evolutionary Implications. Annual Review of Ecology, Evolution, and Systematics, 2014, 45, 371-395.	3.8	323
7	Further use of nearly complete 28S and 18S rRNA genes to classify Ecdysozoa: 37 more arthropods and a kinorhynch. Molecular Phylogenetics and Evolution, 2006, 40, 772-794.	1.2	274
8	On Gaps. Molecular Phylogenetics and Evolution, 1999, 13, 132-143.	1.2	266
9	Phylogenomic Interrogation of Arachnida Reveals Systemic Conflicts in Phylogenetic Signal. Molecular Biology and Evolution, 2014, 31, 2963-2984.	3.5	261
10	Higher-level metazoan relationships: recent progress and remaining questions. Organisms Diversity and Evolution, 2011, 11, 151-172.	0.7	247
11	Spiralian Phylogeny Informs the Evolution of Microscopic Lineages. Current Biology, 2015, 25, 2000-2006.	1.8	242
12	On bivalve phylogeny: a highâ€level analysis of the Bivalvia (Mollusca) based on combined morphology and DNA sequence data. Invertebrate Biology, 2002, 121, 271-324.	0.3	239
13	Phylogeny and Systematic Position of Opiliones: A Combined Analysis of Chelicerate Relationships Using Morphological and Molecular Data1. Cladistics, 2002, 18, 5-70.	1.5	237
14	Revisiting metazoan phylogeny with genomic sampling of all phyla. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20190831.	1.2	229
15	The Analysis of Eight Transcriptomes from All Poriferan Classes Reveals Surprising Genetic Complexity in Sponges. Molecular Biology and Evolution, 2014, 31, 1102-1120.	3.5	211
16	Investigating the Bivalve Tree of Life â€“ an exemplar-based approach combining molecular and novel morphological characters. Invertebrate Systematics, 2014, 28, 32.	0.5	198
17	Phylogenomics, Diversification Dynamics, and Comparative Transcriptomics across the Spider Tree of Life. Current Biology, 2018, 28, 1489-1497.e5.	1.8	198
18	Evidence for a clade composed of molluscs with serially repeated structures: Monoplacophorans are related to chitons. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 7723-7728.	3.3	192

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19	A Review of Arthropod Phylogeny: New Data Based on Ribosomal DNA Sequences and Direct Character Optimization. Cladistics, 2000, 16, 204-231.	1.5	186
20	Phylogeny and systematic position of Opiliones: a combined analysis of chelicerate relationships using morphological and molecular data. Cladistics, 2002, 18, 5-70.	1.5	178
21	Stability in Phylogenetic Formulations and Its Relationship to Nodal Support. Systematic Biology, 2003, 52, 554-564.	2.7	173
22	Current advances in the phylogenetic reconstruction of metazoan evolution. A new paradigm for the Cambrian explosion?. Molecular Phylogenetics and Evolution, 2002, 24, 345-357.	1.2	172
23	Reevaluating the Arthropod Tree of Life. Annual Review of Entomology, 2012, 57, 167-186.	5.7	166
24	A Phylogenomic Solution to the Origin of Insects by Resolving Crustacean-Hexapod Relationships. Current Biology, 2017, 27, 1818-1824.e5.	1.8	156
25	The Phylogeny and Evolutionary History of Arthropods. Current Biology, 2019, 29, R592-R602.	1.8	155
26	Investigations into the phylogenetic position of Micrognathozoa using four molecular loci. Cladistics, 2004, 20, 1-13.	1.5	151
27	Nuclear genomic signals of the â€˜microturbellarianâ€™ roots of platyhelminth evolutionary innovation. ELife, 2015, 4, .	2.8	146
28	Phylogenomic analyses of deep gastropod relationships reject Orthogastropoda. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20141739.	1.2	144
29	A modern approach to rotiferan phylogeny: Combining morphological and molecular data. Molecular Phylogenetics and Evolution, 2006, 40, 585-608.	1.2	138
30	A combined approach to the phylogeny of Cephalopoda (Mollusca). Cladistics, 2004, 20, 454-486.	1.5	134
31	Evolutionary Biology of Centipedes (Myriapoda: Chilopoda). Annual Review of Entomology, 2007, 52, 151-170.	5.7	133
32	A molecular palaeobiological exploration of arthropod terrestrialization. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150133.	1.8	131
33	Biogeography of the world: a case study from cyphophthalmid Opiliones, a globally distributed group of arachnids. Journal of Biogeography, 2007, 34, 2070-2085.	1.4	128
34	Articulating â€œArchiannelidsâ€: Phylogenomics and Annelid Relationships, with Emphasis on Meiofaunal Taxa. Molecular Biology and Evolution, 2015, 32, 2860-2875.	3.5	128
35	Molecules, development and fossils in the study of metazoan evolution; Articulata versus Ecdysozoa revisited. Zoology, 2003, 106, 303-326.	0.6	127
36	Phylogenomic Analysis of Spiders Reveals Nonmonophyly of Orb Weavers. Current Biology, 2014, 24, 1772-1777.	1.8	127

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37	Genetic diversity and population structure of the commercially harvested sea urchin Paracentrotus lividus (Echinodermata, Echinoidea). Molecular Ecology, 2004, 13, 3317-3328.	2.0	125
38	The systematics of the south-east Asian genus Fangensis Rambla (Opiliones:Cyphophthalmi:Stylocellidae). Invertebrate Systematics, 2005, 19, 297.	0.5	122
39	Deep genetic divergences in Aoraki denticulata (Arachnida, Opiliones, Cyphophthalmi): a widespread â€˜mite harvestmanâ€™ defies DNA taxonomy. Molecular Ecology, 2007, 16, 4999-5016.	2.0	122
40	Assembling the lophotrochozoan (=spiralian) tree of life. Philosophical Transactions of the Royal Society B: Biological Sciences, 2008, 363, 1513-1522.	1.8	122
41	A multilocus approach to harvestman (Arachnida: Opiliones) phylogeny with emphasis on biogeography and the systematics of Laniatores. Cladistics, 2010, 26, 408-437.	1.5	121
42	A family-level Tree of Life for bivalves based on a Sanger-sequencing approach. Molecular Phylogenetics and Evolution, 2017, 107, 191-208.	1.2	117
43	Tangled in a sparse spider web: single origin of orb weavers and their spinning work unravelled by denser taxonomic sampling. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 1341-1350.	1.2	116
44	Neuroanatomy of sea spiders implies an appendicular origin of the protocerebral segment. Nature, 2005, 437, 1144-1148.	13.7	115
45	Comparative description of ten transcriptomes of newly sequenced invertebrates and efficiency estimation of genomic sampling in non-model taxa. Frontiers in Zoology, 2012, 9, 33.	0.9	114
46	The evolutionary and biogeographic history of the armoured harvestmen â€“ Laniatores phylogeny based on ten molecular markers, with the description of two new families of Opiliones (Arachnida). Invertebrate Systematics, 2011, 25, 106.	0.5	110
47	A phylogenetic backbone for Bivalvia: an RNA-seq approach. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20142332.	1.2	110
48	Rounding up the usual suspects: a standard targetâ€gene approach for resolving the interfamilial phylogenetic relationships of ecribellate orbâ€weaving spiders with a new familyâ€rank classification (Araneae, Araneoidea). Cladistics, 2017, 33, 221-250.	1.5	108
49	Disentangling ribbon worm relationships: multiâ€locus analysis supports traditional classification of the phylum Nemertea. Cladistics, 2012, 28, 141-159.	1.5	107
50	Phylogeographical history of the sponge Crambe crambe (Porifera, Poecilosclerida): range expansion and recent invasion of the Macaronesian islands from the Mediterranean Sea. Molecular Ecology, 2004, 13, 109-122.	2.0	106
51	First molecular phylogeny of the major clades of Pseudoscorpiones (Arthropoda: Chelicerata). Molecular Phylogenetics and Evolution, 2008, 49, 170-184.	1.2	100
52	The Position of Arthropods in the Animal Kingdom: A Search for a Reliable Outgroup for Internal Arthropod Phylogeny. Molecular Phylogenetics and Evolution, 1998, 9, 481-488.	1.2	98
53	Evolutionary and biogeographical history of an ancient and global group of arachnids (Arachnida:) Tj ETQq1 1 0.784314 rgBT /Overloc Society, 2012, 105, 92-130.	0.7	98
54	The Global Invertebrate Genomics Alliance (GIGA): Developing Community Resources to Study Diverse Invertebrate Genomes. Journal of Heredity, 2014, 105, 1-18.	1.0	96

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55	The Position of Arthropods in the Animal Kingdom: Ecdysozoa, Islands, Trees, and the â€œParsimony Ratchetâ€. Molecular Phylogenetics and Evolution, 1999, 13, 619-623.	1.2	95
56	Current Understanding of Ecdysozoa and its Internal Phylogenetic Relationships. Integrative and Comparative Biology, 2017, 57, 455-466.	0.9	95
57	Exploring Phylogenetic Relationships within Myriapoda and the Effects of Matrix Composition and Occupancy on Phylogenomic Reconstruction. Systematic Biology, 2016, 65, 871-889.	2.7	93
58	Phylogeny of Henicopidae (Chilopoda: Lithobiomorpha): a combined analysis of morphology and five molecular loci. Systematic Entomology, 2002, 27, 31-64.	1.7	90
59	Including secondary structure, fossils and molecular dating in the centipede tree of life. Molecular Phylogenetics and Evolution, 2010, 57, 301-313.	1.2	90
60	A living fossil tale of Pangaean biogeography. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20132648.	1.2	90
61	Towards a phylogeny of chitons (Mollusca, Polyplacophora) based on combined analysis of five molecular loci. Organisms Diversity and Evolution, 2003, 3, 281-302.	0.7	89
62	Adding mitochondrial sequence data (16S rRNA and cytochrome c oxidase subunit I) to the phylogeny of centipedes (Myriapoda: Chilopoda): an analysis of morphology and four molecular loci. Journal of Zoological Systematics and Evolutionary Research, 2004, 42, 89-134.	0.6	89
63	TNT: Tree Analysis Using New Technology. Systematic Biology, 2005, 54, 176-178.	2.7	88
64	A new model Gondwanan taxon: systematics and biogeography of the harvestman family Pettalidae (Arachnida, Opiliones, Cyphophthalmi), with a taxonomic revision of genera from Australia and New Zealand. Cladistics, 2007, 23, 337-361.	1.5	88
65	New insights into the phylogeny, systematics and DNA barcoding of Nemertea. Invertebrate Systematics, 2014, 28, 287.	0.5	87
66	A century later - a total evidence re-evaluation of the phylogeny of scutigeromorph centipedes (Myriapoda:Chilopoda). Invertebrate Systematics, 2006, 20, 503.	0.5	85
67	Internal phylogeny of the Chilopoda (Myriapoda, Arthropoda) using complete 18S rDNA and partial 28S rDNA sequences. Philosophical Transactions of the Royal Society B: Biological Sciences, 1999, 354, 215-222.	1.8	84
68	Support for a clade of Placozoa and Cnidaria in genes with minimal compositional bias. ELife, 2018, 7, .	2.8	82
69	The linguistic problem of morphology: structure versus homology and the standardization of morphological data. Cladistics, 2010, 26, 301-325.	1.5	81
70	Tetraconatan phylogeny with special focus on Malacostraca and Branchiopoda: highlighting the strength of taxon-specific matrices in phylogenomics. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20181524.	1.2	80
71	Phylogeny of the Arachnid Order Opiliones (Arthropoda) Inferred from a Combined Approach of Complete 18S and Partial 28S Ribosomal DNA Sequences and Morphology. Molecular Phylogenetics and Evolution, 1999, 11, 296-307.	1.2	78
72	A comprehensive molecular phylogeny of tardigradesâ€”adding genes and taxa to a poorly resolved phylumâ€level phylogeny. Cladistics, 2012, 28, 21-49.	1.5	78

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73	Into the deep: A phylogenetic approach to the bivalve subclass Protobranchia. Molecular Phylogenetics and Evolution, 2013, 69, 188-204.	1.2	77
74	Phylogenetic relationships of the spider family Tetragnathidae (Araneae, Araneoidea) based on morphological and DNA sequence data. Cladistics, 2009, 25, 109-146.	1.5	76
75	Morphology should not be forgotten in the era of genomicsâ€“a phylogenetic perspective. Zoologischer Anzeiger, 2015, 256, 96-103.	0.4	76
76	Low densities of sea urchins influence the structure of algal assemblages in the western Mediterranean. Journal of Sea Research, 1998, 39, 281-290.	0.6	75
77	Sequence capture phylogenomics of historical ethanolâ€preserved museum specimens: Unlocking the rest of the vault. Molecular Ecology Resources, 2019, 19, 1531-1544.	2.2	74
78	'Moa's Ark' or 'Goodbye Gondwana': is the origin of New Zealand's terrestrial invertebrate fauna ancient, recent or both?. Invertebrate Systematics, 2010, 24, 1.	0.5	70
79	Exploring the Behavior of POY, a Program for Direct Optimization of Molecular Data. Cladistics, 2001, 17, S60-S70.	1.5	69
80	First Molecular Data on the Phylum Loricifera â€“ An Investigation into the Phylogeny of Ecdysozoa with Emphasis on the Positions of Loricifera and Priapulida. Zoological Science, 2006, 23, 943-954.	0.3	69
81	A revised dated phylogeny of the arachnid order Opiliones. Frontiers in Genetics, 2014, 5, 255.	1.1	69
82	A Paleozoic Stem Group to Mite Harvestmen Revealed through Integration of Phylogenetics and Development. Current Biology, 2014, 24, 1017-1023.	1.8	69
83	Evaluating Topological Conflict in Centipede Phylogeny Using Transcriptomic Data Sets. Molecular Biology and Evolution, 2014, 31, 1500-1513.	3.5	68
84	A Transcriptomic Approach to Ribbon Worm Systematics (Nemertea): Resolving the Pilidiophora Problem. Molecular Biology and Evolution, 2014, 31, 3206-3215.	3.5	68
85	Phylogenomic interrogation resolves the backbone of the Pseudoscorpiones tree of life. Molecular Phylogenetics and Evolution, 2019, 139, 106509.	1.2	68
86	The genus Cyphophthalmus (Arachnida, Opiliones, Cyphophthalmi) in Europe: A phylogenetic approach to Balkan Peninsula biogeography. Molecular Phylogenetics and Evolution, 2005, 36, 554-567.	1.2	67
87	Welcome back New Zealand: regional biogeography and Gondwanan origin of three endemic genera of mite harvestmen (Arachnida, Opiliones, Cyphophthalmi). Journal of Biogeography, 2009, 36, 1084-1099.	1.4	67
88	Phylogenetic analysis of four nuclear protein-encoding genes largely corroborates the traditional classification of Bivalvia (Mollusca). Molecular Phylogenetics and Evolution, 2012, 65, 64-74.	1.2	66
89	A congruent topology for deep gastropod relationships. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20182776.	1.2	66
90	Is Ellipura monophyletic? A combined analysis of basal hexapod relationships with emphasis on the origin of insects. Organisms Diversity and Evolution, 2004, 4, 319-340.	0.7	65

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91	Two markers and one history: phylogeography of the edible common sea urchin Paracentrotus lividus in the Lusitanian region. Marine Biology, 2008, 154, 137-151.	0.7	64
92	Hox gene expression in the harvestman Phalangium opilio reveals divergent patterning of the chelicerate opisthosoma. Evolution & Development, 2012, 14, 450-463.	1.1	64
93	Evolutionary relationships within the protostome phylum Sipuncula: a molecular analysis of ribosomal genes and histone H3 sequence data. Molecular Phylogenetics and Evolution, 2003, 27, 489-503.	1.2	63
94	Phylogeny of sipunculan worms: A combined analysis of four gene regions and morphology. Molecular Phylogenetics and Evolution, 2007, 42, 171-192.	1.2	63
95	Assessing the molluscan hypothesis Serialia (Monoplacophora+Polyplacophora) using novel molecular data. Molecular Phylogenetics and Evolution, 2010, 54, 187-193.	1.2	62
96	Morphology to the rescue: molecular data and the signal of morphological characters in combined phylogenetic analyses-a case study from mysmenid spiders (Araneae, Mysmenidae), with comments on the evolution of web architecture. Cladistics, 2011, 27, 278-330.	1.5	62
97	Converging on the orb: denser taxon sampling elucidates spider phylogeny and new analytical methods support repeated evolution of the orb web. Cladistics, 2021, 37, 298-316.	1.5	62
98	A CLADISTIC ANALYSIS OF THE CYPHOPHTHALMID GENERA (OPILIONES, CYPHOPHTHALMI). Journal of Arachnology, 2002, 30, 110.	0.3	61
99	Application of magnetic resonance imaging in zoology. Zoomorphology, 2011, 130, 227-254.	0.4	60
100	Inclusive taxon sampling suggests a single, stepwise origin of ectolecithality in Platyhelminthes. Biological Journal of the Linnean Society, 2014, 111, 570-588.	0.7	60
101	Resolving the relationships of clams and cockles: dense transcriptome sampling drastically improves the bivalve tree of life. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20182684.	1.2	59
102	When Thailand was an island â€“ the phylogeny and biogeography of mite harvestmen (Opiliones,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.4	58
103	Museum Genomics. Annual Review of Genetics, 2021, 55, 633-659.	3.2	58
104	Gnathostomulid phylogeny inferred from a combined approach of four molecular loci and morphology. Cladistics, 2006, 22, 32-58.	1.5	57
105	Some Unusual Small-Subunit Ribosomal RNA Sequences of Metazoans. American Museum Novitates, 2001, 3337, 1-16.	0.2	56
106	Phylogenomics illuminates the backbone of the Myriapoda Tree of Life and reconciles morphological and molecular phylogenies. Scientific Reports, 2018, 8, 83.	1.6	56
107	Out of the Neotropics: Late Cretaceous colonization of Australasia by American arthropods. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 3501-3509.	1.2	55
108	A phylogeny of Vetigastropoda and other â€œarchaeogastropodsâ€• reâ€•organizing old gastropod clades. Invertebrate Biology, 2010, 129, 220-240.	0.3	54

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109	Understanding the biogeography of a group of earthworms in the Mediterranean basinâ€"The phylogenetic puzzle of Hormogastridae (Clitellata: Oligochaeta). Molecular Phylogenetics and Evolution, 2011, 61, 125-135.	1.2	54
110	A revised dated phylogeny of scorpions: Phylogenomic support for ancient divergence of the temperate Gondwanan family Bothriuridae. Molecular Phylogenetics and Evolution, 2018, 122, 37-45.	1.2	54
111	From morphology and karyology to molecules. New methods for taxonomical identification of asexual populations of freshwater planarians. A tribute to Professor Mario Benazzi. Italian Journal of Zoology, 1999, 66, 207-214.	0.6	51
112	Nacre tablet thickness records formation temperature in modern and fossil shells. Earth and Planetary Science Letters, 2017, 460, 281-292.	1.8	51
113	Conflict between datasets and phylogeny of centipedes: an analysis based on seven genes and morphology. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 531-538.	1.2	50
114	A New Zealand species of the trans-Tasman centipede order Craterostigmomorpha (Arthropoda :) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.5	50
115	Sine Systemate Chaos? A Versatile Tool for Earthworm Taxonomy: Non-Destructive Imaging of Freshly Fixed and Museum Specimens Using Micro-Computed Tomography. PLoS ONE, 2014, 9, e96617.	1.1	50
116	An Anatomical Description of a Miniaturized Acorn Worm (Hemichordata, Enteropneusta) with Asexual Reproduction by Paratomy. PLoS ONE, 2012, 7, e48529.	1.1	49
117	Optimization of preservation and storage time of sponge tissues to obtain quality mRNA for nextâ€generation sequencing. Molecular Ecology Resources, 2012, 12, 312-322.	2.2	48
118	The meaning of categorical ranks in evolutionary biology. Organisms Diversity and Evolution, 2016, 16, 427-430.	0.7	48
119	The Opiliones tree of life: shedding light on harvestmen relationships through transcriptomics. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20162340.	1.2	48
120	A new genus of cyphophthalmid from the Iberian Peninsula with a phylogenetic analysis of the Sironidae (Arachnida : Opiliones : Cyphophthalmi) and a SEM database of external morphology. Invertebrate Systematics, 2004, 18, 7.	0.5	47
121	A new dimension in combining data? The use of morphology and phylogenomic data in metazoan systematics. Acta Zoologica, 2010, 91, 11-19.	0.6	47
122	New animal phylogeny: future challenges for animal phylogeny in the age of phylogenomics. Organisms Diversity and Evolution, 2016, 16, 419-426.	0.7	47
123	The Syllis gracilis species complex: A molecular approach to a difficult taxonomic problem (Annelida,) Tj ETQq1 1 0.784314 rgBT /Ove	1.2	47
124	A relict in New Caledonia: phylogenetic relationships of the family Troglosironidae (Opiliones:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142	1.5	46
125	Fine scale population structure in the Echiniscus blumi-canadensis series (Heterotardigrada,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Molecular Phylogenetics and Evolution, 2009, 51, 606-613.	1.2	46
126	Sandokanid phylogeny based on eight molecular markersâ€"The evolution of a southeast Asian endemic family of Laniatores (Arachnida, Opiliones). Molecular Phylogenetics and Evolution, 2009, 52, 432-447.	1.2	46

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127	Anatomically modern Carboniferous harvestmen demonstrate early cladogenesis and stasis in Opiliones. Nature Communications, 2011, 2, 444.	5.8	46
128	Interrogating Genomic-Scale Data to Resolve Recalcitrant Nodes in the Spider Tree of Life. Molecular Biology and Evolution, 2021, 38, 891-903.	3.5	46
129	Reconstructing the phylogeny of the Sipuncula. Hydrobiologia, 2005, 535-536, 277-296.	1.0	45
130	Testing relationships among the vetigastropod taxa: a molecular approach. Journal of Molluscan Studies, 2012, 78, 12-27.	0.4	44
131	Re-evaluating the phylogeny of Sipuncula through transcriptomics. Molecular Phylogenetics and Evolution, 2015, 83, 174-183.	1.2	42
132	Hidden diversity and host specificity in cycliophorans: a phylogeographic analysis along the North Atlantic and Mediterranean Sea. Molecular Ecology, 2005, 14, 4427-4440.	2.0	41
133	Efficient Tree Searches with Available Algorithms. Evolutionary Bioinformatics, 2007, 3, 117693430700300.	0.6	41
134	Evolution of the chelicera: a dachshund domain is retained in the deutocerebral appendage of Opiliones (Arthropoda, Chelicerata). Evolution & Development, 2012, 14, 522-533.	1.1	41
135	Distalâ€less and dachshund pattern both plesiomorphic and apomorphic structures in chelicerates: <scp>RNA</scp> interference in the harvestman Phalangium opilio (<scp>O</scp>piliones). Evolution & Development, 2013, 15, 228-242.	1.1	41
136	Phylogenetics of scolopendromorph centipedes: can denser taxon sampling improve an artificial classification?. Invertebrate Systematics, 2013, 27, 578.	0.5	41
137	Comprehensive Species Sampling and Sophisticated Algorithmic Approaches Refute the Monophyly of Arachnida. Molecular Biology and Evolution, 2022, 39, .	3.5	41
138	Generating implied alignments under direct optimization using POY. Cladistics, 2005, 21, 396-402.	1.5	40
139	The importance of looking at small-scale patterns when inferring Gondwanan biogeography: a case study of the centipedeParalamyctes(Chilopoda, Lithobiomorpha, Henicopidae). Biological Journal of the Linnean Society, 2006, 89, 65-78.	0.7	40
140	First molecular phylogeny of the circumtropical bivalve family Pinnidae (Mollusca, Bivalvia): Evidence for high levels of cryptic species diversity. Molecular Phylogenetics and Evolution, 2014, 75, 11-23.	1.2	40
141	A modern look at the Animal Tree of Life*. Zootaxa, 2007, 1668, 61-79.	0.2	39
142	Population structure and connectivity in the Atlantic scleractinian coral Montastraea cavernosa (Linnaeus, 1767). Marine Ecology, 2012, 33, 32-48.	0.4	39
143	Phylogeny of Nemertea with special interest in the placement of diversity from Far East Russia and northeast Asia. Hydrobiologia, 2015, 760, 105-119.	1.0	39
144	Bivalvia. , 2008, , 105-141.		38

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145	A morphometrics-based phylogeny of the temperate Gondwanan mite harvestmen (Opiliones,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 294-309.	0.6	38
146	Current views on chelicerate phylogenyâ€"A tribute to Peter Weygoldt. Zoologischer Anzeiger, 2018, 273, 7-13.	0.4	38
147	A time-calibrated molecular phylogeny of the precious corals: reconciling discrepancies in the taxonomic classification and insights into their evolutionary history. BMC Evolutionary Biology, 2012, 12, 246.	3.2	37
148	Cementing mussels to oysters in the pteriomorphian tree: a phylogenomic approach. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20160857.	1.2	37
149	First global molecular phylogeny and biogeographical analysis of two arachnid orders (Schizomida) Tj ETQq1 1 0.784314 rgBT /Overlock Biogeography, 2017, 44, 2660-2672.	1.4	37
150	Phylogenetic position of Nerillidae and Aberranta (Polychaeta, Annelida), analysed by direct optimization of combined molecular and morphological data. Zoologica Scripta, 2005, 34, 313-328.	0.7	36
151	Evolution of blindness in scolopendromorph centipedes (Chilopoda: Scolopendromorpha): insight from an expanded sampling of molecular data. Cladistics, 2012, 28, 4-20.	1.5	36
152	Appearances can be deceptive: different diversification patterns within a group of Mediterranean earthworms (Oligochaeta, Hormogastridae). Molecular Ecology, 2012, 21, 3776-3793.	2.0	35
153	Inferring the ancestral sexuality and reproductive condition in sponges (Porifera). Zoologica Scripta, 2014, 43, 101-117.	0.7	35
154	A phylotranscriptomic backbone of the orb-weaving spider family Araneidae (Arachnida, Araneae) supported by multiple methodological approaches. Molecular Phylogenetics and Evolution, 2018, 126, 129-140.	1.2	35
155	Karripurcellia, a new pettalid genus (Arachnida : Opiliones : Cyphophthalmi) from Western Australia, with a cladistic analysis of the family Pettalidae. Invertebrate Systematics, 2003, 17, 387.	0.5	35
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