Gonzalo Giribet

List of Publications by Citations

345 papers	15,679 citations	65 h-index	111 g-index
367 ext. papers	18,126 ext. citations	3.8 avg, IF	7.1 L-index

#	Paper	IF	Citations
345	Broad phylogenomic sampling improves resolution of the animal tree of life. *Nature*, **2008**, 452, 745-9	50.4	1516
344	Assessing the root of bilaterian animals with scalable phylogenomic methods. *Proceedings of the Royal Society B: Biological Sciences*, **2009**, 276, 4261-70	4.4	564
343	Arthropod phylogeny based on eight molecular loci and morphology. *Nature*, **2001**, 413, 157-61	50.4	432
342	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, 539-62	8.4	316
341	Resolving the evolutionary relationships of molluscs with phylogenomic tools. *Nature*, **2011**, 480, 364-7	50.4	302
340	On gaps. *Molecular Phylogenetics and Evolution*, **1999**, 13, 132-43	4.1	261
339	Animal Phylogeny and Its Evolutionary Implications. *Annual Review of Ecology, Evolution, and Systematics*, **2014**, 45, 371-395	13.5	236
338	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, 772-94	4.1	232
337	Phylogeny and Systematic Position of Opiliones: A Combined Analysis of Chelicerate Relationships Using Morphological and Molecular Data1. *Cladistics*, **2002**, 18, 5-70	3.5	213
336	Higher-level metazoan relationships: recent progress and remaining questions. *Organisms Diversity and Evolution*, **2011**, 11, 151-172	1.7	207
335	Phylogenomic interrogation of arachnida reveals systemic conflicts in phylogenetic signal. *Molecular Biology and Evolution*, **2014**, 31, 2963-84	8.3	195
334	On bivalve phylogeny: a high-level analysis of the Bivalvia (Mollusca) based on combined morphology and DNA sequence data. *Invertebrate Biology*, **2005**, 121, 271-324	1	195
333	Spiralian phylogeny informs the evolution of microscopic lineages. *Current Biology*, **2015**, 25, 2000-6	6.3	191
332	The analysis of eight transcriptomes from all poriferan classes reveals surprising genetic complexity in sponges. *Molecular Biology and Evolution*, **2014**, 31, 1102-20	8.3	172
331	Phylogeny and systematic position of Opiliones: a combined analysis of chelicerate relationships using morphological and molecular data. *Cladistics*, **2002**, 18, 5-70	3.5	168
330	Investigating the Bivalve Tree of Life an exemplar-based approach combining molecular and novel morphological characters. *Invertebrate Systematics*, **2014**, 28, 32	1.2	163
329	A Review of Arthropod Phylogeny: New Data Based on Ribosomal DNA Sequences and Direct Character Optimization.. *Cladistics*, **2000**, 16, 204-231	3.5	159

328	Stability in phylogenetic formulations and its relationship to nodal support. *Systematic Biology*, **2003**, 52, 554-64	8.4	154
327	Reevaluating the arthropod tree of life. *Annual Review of Entomology*, **2012**, 57, 167-86	21.8	151
326	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, 7723-8	11.5	150
325	Current advances in the phylogenetic reconstruction of metazoan evolution. A new paradigm for the Cambrian explosion?. *Molecular Phylogenetics and Evolution*, **2002**, 24, 345-57	4.1	125
324	Phylogenomics, Diversification Dynamics, and Comparative Transcriptomics across the Spider Tree of Life. *Current Biology*, **2018**, 28, 1489-1497.e5	6.3	117
323	Phylogenomic analyses of deep gastropod relationships reject Orthogastropoda. *Proceedings of the Royal Society B: Biological Sciences*, **2014**, 281, 20141739	4.4	117
322	Deep genetic divergences in Aoraki denticulata (Arachnida, Opiliones, Cyphophthalmi): a widespread 'mite harvestman' defies DNA taxonomy. *Molecular Ecology*, **2007**, 16, 4999-5016	5.7	114
321	Investigations into the phylogenetic position of Micrognathozoa using four molecular loci. *Cladistics*, **2004**, 20, 1-13	3.5	112
320	Genetic diversity and population structure of the commercially harvested sea urchin Paracentrotus lividus (Echinodermata, Echinoidea). *Molecular Ecology*, **2004**, 13, 3317-28	5.7	111
319	Nuclear genomic signals of the 'microturbellarian' roots of platyhelminth evolutionary innovation. *ELife*, **2015**, 4,	8.9	108
318	Articulating "Archiannelids": Phylogenomics and Annelid Relationships, with Emphasis on Meiofaunal Taxa. *Molecular Biology and Evolution*, **2015**, 32, 2860-75	8.3	107
317	A combined approach to the phylogeny of Cephalopoda (Mollusca). *Cladistics*, **2004**, 20, 454-486	3.5	107
316	Evolutionary biology of centipedes (Myriapoda: Chilopoda). *Annual Review of Entomology*, **2007**, 52, 151-70	21.8	106
315	Biogeography of the world: a case study from cyphophthalmid Opiliones, a globally distributed group of arachnids. *Journal of Biogeography*, **2007**, 34, 2070-2085	4.1	106
314	A Phylogenomic Solution to the Origin of Insects by Resolving Crustacean-Hexapod Relationships. *Current Biology*, **2017**, 27, 1818-1824.e5	6.3	105
313	Revisiting metazoan phylogeny with genomic sampling of all phyla. *Proceedings of the Royal Society B: Biological Sciences*, **2019**, 286, 20190831	4.4	105
312	Phylogenomic analysis of spiders reveals nonmonophyly of orb weavers. *Current Biology*, **2014**, 24, 1772-7	6.3	102
311	A modern approach to rotiferan phylogeny: combining morphological and molecular data. *Molecular Phylogenetics and Evolution*, **2006**, 40, 585-608	4.1	102

310	The systematics of the south-east Asian genus Fangensis Rambla (Opiliones:Cyphophthalmi:Stylocellidae). *Invertebrate Systematics*, **2005**, 19, 297	1.2	102
309	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	2.8	97
308	Assembling the lophotrochozoan (=spiralian) tree of life. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2008**, 363, 1513-22	5.8	96
307	A multilocus approach to harvestman (Arachnida: Opiliones) phylogeny with emphasis on biogeography and the systematics of Laniatores. *Cladistics*, **2010**, 26, 408-437	3.5	95
306	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, 109-22	5.7	95
305	The evolutionary and biogeographic history of the armoured harvestmen Laniatores phylogeny based on ten molecular markers, with the description of two new families of Opiliones (Arachnida). *Invertebrate Systematics*, **2011**, 25, 106	1.2	94
304	Molecules, development and fossils in the study of metazoan evolution; Articulata versus Ecdysozoa revisited. *Zoology*, **2003**, 106, 303-26	1.7	93
303	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, 1341-50	4.4	90
302	The position of arthropods in the animal kingdom: a search for a reliable outgroup for internal arthropod phylogeny. *Molecular Phylogenetics and Evolution*, **1998**, 9, 481-8	4.1	88
301	A molecular palaeobiological exploration of arthropod terrestrialization. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2016**, 371,	5.8	86
300	Neuroanatomy of sea spiders implies an appendicular origin of the protocerebral segment. *Nature*, **2005**, 437, 1144-8	50.4	85
299	Disentangling ribbon worm relationships: multi-locus analysis supports traditional classification of the phylum Nemertea. *Cladistics*, **2012**, 28, 141-159	3.5	83
298	Including secondary structure, fossils and molecular dating in the centipede tree of life. *Molecular Phylogenetics and Evolution*, **2010**, 57, 301-13	4.1	81
297	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	3.5	80
296	The Phylogeny and Evolutionary History of Arthropods. *Current Biology*, **2019**, 29, R592-R602	6.3	79
295	A phylogenetic backbone for Bivalvia: an RNA-seq approach. *Proceedings of the Royal Society B: Biological Sciences*, **2015**, 282, 20142332	4.4	77
294	Rounding up the usual suspects: a standard target-gene approach for resolving the interfamilial phylogenetic relationships of ecribellate orb-weaving spiders with a new family-rank classification (Araneae, Araneoidea). *Cladistics*, **2017**, 33, 221-250	3.5	76
293	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	1.9	76

292	First molecular phylogeny of the major clades of Pseudoscorpiones (Arthropoda: Chelicerata). *Molecular Phylogenetics and Evolution*, **2008**, 49, 170-84	4.1	75
291	Evolutionary and biogeographical history of an ancient and global group of arachnids (Arachnida: Opiliones: Cyphophthalmi) with a new taxonomic arrangement. *Biological Journal of the Linnean Society*, **2012**, 105, 92-130	1.9	74
290	A living fossil tale of Pangaean biogeography. *Proceedings of the Royal Society B: Biological Sciences*, **2014**, 281, 20132648	4.4	73
289	A family-level Tree of Life for bivalves based on a Sanger-sequencing approach. *Molecular Phylogenetics and Evolution*, **2017**, 107, 191-208	4.1	73
288	Phylogeny of Henicopidae (Chilopoda: Lithobiomorpha): a combined analysis of morphology and five molecular loci. *Systematic Entomology*, **2002**, 27, 31-64	3.4	72
287	Exploring Phylogenetic Relationships within Myriapoda and the Effects of Matrix Composition and Occupancy on Phylogenomic Reconstruction. *Systematic Biology*, **2016**, 65, 871-89	8.4	72
286	The Global Invertebrate Genomics Alliance (GIGA): developing community resources to study diverse invertebrate genomes. *Journal of Heredity*, **2014**, 105, 1-18	2.4	70
285	A century later - a total evidence re-evaluation of the phylogeny of scutigeromorph centipedes (Myriapoda:Chilopoda). *Invertebrate Systematics*, **2006**, 20, 503	1.2	70
284	Towards a phylogeny of chitons (Mollusca, Polyplacophora) based on combined analysis of five molecular loci. *Organisms Diversity and Evolution*, **2003**, 3, 281-302	1.7	69
283	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	4.1	68
282	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, 215-22	5.8	68
281	Exploring the Behavior of POY, a Program for Direct Optimization of Molecular Data. *Cladistics*, **2001**, 17, S60-S70	3.5	66
280	Current Understanding of Ecdysozoa and its Internal Phylogenetic Relationships. *Integrative and Comparative Biology*, **2017**, 57, 455-466	2.8	65
279	Phylogenetic relationships of the spider family Tetragnathidae (Araneae, Araneoidea) based on morphological and DNA sequence data. *Cladistics*, **2009**, 25, 109-146	3.5	64
278	Low densities of sea urchins influence the structure of algal assemblages in the western Mediterranean. *Journal of Sea Research*, **1998**, 39, 281-290	1.9	64
277	New insights into the phylogeny, systematics and DNA barcoding of Nemertea. *Invertebrate Systematics*, **2014**, 28, 287	1.2	63
276	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	4.1	63
275	The linguistic problem of morphology: structure versus homology and the standardization of morphological data. *Cladistics*, **2010**, 26, 301-325	3.5	61

274	The genus Cyphophthalmus (Arachnida, Opiliones, Cyphophthalmi) in Europe: a phylogenetic approach to Balkan Peninsula biogeography. *Molecular Phylogenetics and Evolution*, **2005**, 36, 554-67	4.1	61
273	Morphology should not be forgotten in the era of genomics□ phylogenetic perspective. *Zoologischer Anzeiger*, **2015**, 256, 96-103	1.1	60
272	A comprehensive molecular phylogeny of tardigrades-adding genes and taxa to a poorly resolved phylum-level phylogeny. *Cladistics*, **2012**, 28, 21-49	3.5	59
271	Two markers and one history: phylogeography of the edible common sea urchin Paracentrotus lividus in the Lusitanian region. *Marine Biology*, **2008**, 154, 137-151	2.5	59
270	A Paleozoic stem group to mite harvestmen revealed through integration of phylogenetics and development. *Current Biology*, **2014**, 24, 1017-23	6.3	58
269	'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	1.2	58
268	Assessing the molluscan hypothesis Serialia (Monoplacophora+Polyplacophora) using novel molecular data. *Molecular Phylogenetics and Evolution*, **2010**, 54, 187-93	4.1	58
267	Into the deep: a phylogenetic approach to the bivalve subclass Protobranchia. *Molecular Phylogenetics and Evolution*, **2013**, 69, 188-204	4.1	56
266	Application of magnetic resonance imaging in zoology. *Zoomorphology*, **2011**, 130, 227-254	1	55
265	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	1.7	55
264	Evaluating topological conflict in centipede phylogeny using transcriptomic data sets. *Molecular Biology and Evolution*, **2014**, 31, 1500-13	8.3	54
263	Hox gene expression in the harvestman Phalangium opilio reveals divergent patterning of the chelicerate opisthosoma. *Evolution & Development*, **2012**, 14, 450-63	2.6	54
262	A transcriptomic approach to ribbon worm systematics (nemertea): resolving the pilidiophora problem. *Molecular Biology and Evolution*, **2014**, 31, 3206-15	8.3	51
261	Understanding the biogeography of a group of earthworms in the Mediterranean basin--the phylogenetic puzzle of Hormogastridae (Clitellata: Oligochaeta). *Molecular Phylogenetics and Evolution*, **2011**, 61, 125-35	4.1	51
260	First molecular data on the phylum Loricifera: an investigation into the phylogeny of ecdysozoa with emphasis on the positions of Loricifera and Priapulida. *Zoological Science*, **2006**, 23, 943-54	0.8	51
259	A revised dated phylogeny of the arachnid order Opiliones. *Frontiers in Genetics*, **2014**, 5, 255	4.5	50
258	Phylogenetic analysis of four nuclear protein-encoding genes largely corroborates the traditional classification of Bivalvia (Mollusca). *Molecular Phylogenetics and Evolution*, **2012**, 65, 64-74	4.1	50
257	The position of arthropods in the animal kingdom: Ecdysozoa, islands, trees, and the "Parsimony ratchet". *Molecular Phylogenetics and Evolution*, **1999**, 13, 619-23	4.1	50

256	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	4.1	48
255	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	3.5	47
254	TNT: Tree Analysis Using New Technology. *Systematic Biology*, **2005**, 54, 176-178	8.4	47
253	A phylogeny of Vetigastropoda and other 'archaeogastropods': re-organizing old gastropod clades. *Invertebrate Biology*, **2010**, 129, 220-240	1	46
252	Some Unusual Small-Subunit Ribosomal RNA Sequences of Metazoans. *American Museum Novitates*, **2001**, 3337, 1-16	1.1	46
251	When Thailand was an island: the phylogeny and biogeography of mite harvestmen (Opiliones, Cyphophthalmi, Stylocellidae) in Southeast Asia. *Journal of Biogeography*, **2010**, 37, 1114-1130	4.1	45
250	A New Zealand species of the trans-Tasman centipede order Craterostigmomorpha (Arthropoda : Chilopoda) corroborated by molecular evidence. *Invertebrate Systematics*, **2008**, 22, 1	1.2	45
249	Support for a clade of Placozoa and Cnidaria in genes with minimal compositional bias. *ELife*, **2018**, 7,	8.9	45
248	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,	4.4	44
247	Phylogeny of sipunculan worms: A combined analysis of four gene regions and morphology. *Molecular Phylogenetics and Evolution*, **2007**, 42, 171-92	4.1	44
246	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, 531-8	4.4	44
245	Fine scale population structure in the Echiniscus blumi-canadensis series (Heterotardigrada, Tardigrada) in an Iberian mountain range-When morphology fails to explain genetic structure. *Molecular Phylogenetics and Evolution*, **2009**, 51, 606-13	4.1	43
244	The meaning of categorical ranks in evolutionary biology. *Organisms Diversity and Evolution*, **2016**, 16, 427-430	1.7	42
243	Out of the Neotropics: Late Cretaceous colonization of Australasia by American arthropods. *Proceedings of the Royal Society B: Biological Sciences*, **2012**, 279, 3501-9	4.4	42
242	A CLADISTIC ANALYSIS OF THE CYPHOPHTHALMID GENERA (OPILIONES, CYPHOPHTHALMI). *Journal of Arachnology*, **2002**, 30, 110	1.1	42
241	Optimization of preservation and storage time of sponge tissues to obtain quality mRNA for next-generation sequencing. *Molecular Ecology Resources*, **2012**, 12, 312-22	8.4	41
240	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	3.7	41
239	Sandokanid phylogeny based on eight molecular markers--the evolution of a southeast Asian endemic family of Laniatores (Arachnida, Opiliones). *Molecular Phylogenetics and Evolution*, **2009**, 52, 432-47	4.1	41

238	A new dimension in combining data? The use of morphology and phylogenomic data in metazoan systematics. *Acta Zoologica*, **2010**, 91, 11-19	0.8	40
237	Gnathostomulid phylogeny inferred from a combined approach of four molecular loci and morphology. *Cladistics*, **2006**, 22, 32-58	3.5	40
236	Generating implied alignments under direct optimization using POY. *Cladistics*, **2005**, 21, 396-402	3.5	40
235	A congruent topology for deep gastropod relationships. *Proceedings of the Royal Society B: Biological Sciences*, **2019**, 286, 20182776	4.4	39
234	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		39
233	Sequence capture phylogenomics of historical ethanol-preserved museum specimens: Unlocking the rest of the vault. *Molecular Ecology Resources*, **2019**, 19, 1531-1544	8.4	38
232	Phylogenomics illuminates the backbone of the Myriapoda Tree of Life and reconciles morphological and molecular phylogenies. *Scientific Reports*, **2018**, 8, 83	4.9	38
231	Inclusive taxon sampling suggests a single, stepwise origin of ectolecithality in Platyhelminthes. *Biological Journal of the Linnean Society*, **2014**, 111, 570-588	1.9	38
230	An anatomical description of a miniaturized acorn worm (hemichordata, enteropneusta) with asexual reproduction by paratomy. *PLoS ONE*, **2012**, 7, e48529	3.7	37
229	A relict in New Caledonia: phylogenetic relationships of the family Troglosironidae (Opiliones: Cyphophthalmi). *Cladistics*, **2009**, 25, 279-294	3.5	37
228	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	1.2	37
227	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	4.1	36
226	Evolution of the chelicera: a dachshund domain is retained in the deutocerebral appendage of Opiliones (Arthropoda, Chelicerata). *Evolution & Development*, **2012**, 14, 522-33	2.6	36
225	Testing relationships among the vetigastropod taxa: a molecular approach. *Journal of Molluscan Studies*, **2012**, 78, 12-27	1.1	36
224	Anatomically modern Carboniferous harvestmen demonstrate early cladogenesis and stasis in Opiliones. *Nature Communications*, **2011**, 2, 444	17.4	36
223	Nacre tablet thickness records formation temperature in modern and fossil shells. *Earth and Planetary Science Letters*, **2017**, 460, 281-292	5.3	35
222	Efficient Tree Searches with Available Algorithms. *Evolutionary Bioinformatics*, **2007**, 3, 117693430700300	1.9	35
221	Distal-less and dachshund pattern both plesiomorphic and apomorphic structures in chelicerates: RNA interference in the harvestman Phalangium opilio (Opiliones). *Evolution & Development*, **2013**, 15, 228-42	2.6	34

220	New animal phylogeny: future challenges for animal phylogeny in the age of phylogenomics. *Organisms Diversity and Evolution*, **2016**, 16, 419-426	1.7	33
219	The Syllis gracilis species complex: A molecular approach to a difficult taxonomic problem (Annelida, Syllidae). *Molecular Phylogenetics and Evolution*, **2017**, 109, 138-150	4.1	33
218	Appearances can be deceptive: different diversification patterns within a group of Mediterranean earthworms (Oligochaeta, Hormogastridae). *Molecular Ecology*, **2012**, 21, 3776-93	5.7	33
217	Bivalvia **2008**, 105-141		33
216	A modern look at the Animal Tree of Life*. *Zootaxa*, **2007**, 1668, 61-79	0.5	33
215	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	1.9	33
214	Across Lydekker's Line - first report of mite harvestmen (Opiliones : Cyphophthalmi : Stylocellidae) from New Guinea. *Invertebrate Systematics*, **2007**, 21, 207	1.2	33
213	Re-evaluating the phylogeny of Sipuncula through transcriptomics. *Molecular Phylogenetics and Evolution*, **2015**, 83, 174-83	4.1	32
212	Phylogenetics of scolopendromorph centipedes: can denser taxon sampling improve an artificial classification?. *Invertebrate Systematics*, **2013**, 27, 578	1.2	32
211	A morphometrics-based phylogeny of the temperate Gondwanan mite harvestmen (Opiliones, Cyphophthalmi, Pettalidae). *Journal of Zoological Systematics and Evolutionary Research*, **2010**, 48, 294-309	1.9	32
210	The Opiliones tree of life: shedding light on harvestmen relationships through transcriptomics. *Proceedings of the Royal Society B: Biological Sciences*, **2017**, 284,	4.4	31
209	Population structure and connectivity in the Atlantic scleractinian coral Montastraea cavernosa (Linnaeus, 1767). *Marine Ecology*, **2012**, 33, 32-48	1.4	31
208	Phylogenetic position of Nerillidae and Aberranta (Polychaeta, Annelida), analysed by direct optimization of combined molecular and morphological data. *Zoologica Scripta*, **2005**, 34, 313-328	2.5	31
207	Are there true cosmopolitan sipunculan worms? A genetic variation study within Phascolosoma perlucens (Sipuncula, Phascolosomatidae). *Marine Biology*, **2010**, 157, 1417-1431	2.5	30
206	Cryptic speciation in the recently discovered American cycliophoran Symbion americanus; genetic structure and population expansion. *Marine Biology*, **2007**, 151, 2183-2193	2.5	30
205	Karripurcellia, a new pettalid genus (Arachnida : Opiliones : Cyphophthalmi) from Western Australia, with a cladistic analysis of the family Pettalidae. *Invertebrate Systematics*, **2003**, 17, 387	1.2	30
204	Pyrosequencing the salivary transcriptome of Haemadipsa interrupta (Annelida: Clitellata: Haemadipsidae): anticoagulant diversity and insight into the evolution of anticoagulation capabilities in leeches. *Invertebrate Biology*, **2014**, 133, 74-98	1	29
203	Reconstructing the phylogeny of the Sipuncula. *Hydrobiologia*, **2005**, 535-536, 277-296	2.4	29

202	The position of crustaceans within Arthropoda - Evidence from nine molecular loci and morphology. *Crustacean Issues*, **2005**, 203-352		29
201	Phylogenomic interrogation resolves the backbone of the Pseudoscorpiones tree of life. *Molecular Phylogenetics and Evolution*, **2019**, 139, 106509	4.1	28
200	Evolutionary biology of harvestmen (Arachnida, Opiliones). *Annual Review of Entomology*, **2015**, 60, 157-175	11.8	28
199	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	4.1	28
198	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	4.4	27
197	Origin of spiders and their spinning organs illuminated by mid-Cretaceous amber fossils. *Nature Ecology and Evolution*, **2018**, 2, 623-627	12.3	27
196	Cementing mussels to oysters in the pteriomorphian tree: a phylogenomic approach. *Proceedings of the Royal Society B: Biological Sciences*, **2016**, 283,	4.4	27
195	A phylogenetic analysis for the South-east Asian mite harvestman family Stylocellidae (Opiliones:Cyphophthalmi) a combined analysis using morphometric and molecular data. *Invertebrate Systematics*, **2009**, 23, 515	1.2	27
194	A Review of Arthropod Phylogeny: New Data Based on Ribosomal DNA Sequences and Direct Character Optimization **2000**, 16, 204		27
193	Current views on chelicerate phylogeny A tribute to Peter Weygoldt. *Zoologischer Anzeiger*, **2018**, 273, 7-13	1.1	26
192	Evolution of blindness in scolopendromorph centipedes (Chilopoda: Scolopendromorpha): insight from an expanded sampling of molecular data. *Cladistics*, **2012**, 28, 4-20	3.5	26
191	Explosive evolution of an ancient group of Cyphophthalmi (Arachnida: Opiliones) in the Balkan Peninsula. *Journal of Biogeography*, **2009**, 37, 90-102	4.1	26
190	Assembling the spiralian tree of life **2009**, 52-64		26
189	Phylogeny of Nemertea with special interest in the placement of diversity from Far East Russia and northeast Asia. *Hydrobiologia*, **2015**, 760, 105-119	2.4	25
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