

# Lars Podsiadlowski

## List of Publications by Year in Descending Order

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

72  
papers

4,743  
citations

35  
h-index

68  
g-index

76  
ext. papers

6,255  
ext. citations

5.2  
avg, IF

5.05  
L-index

#	Paper	IF	Citations
72	Genetic diversity of the Ankober Serin ( <i>Crithagra ankoberensis</i> ) at Simien Mountains National Park and Guassa Community Conservation Area, Ethiopia. <i>African Zoology</i> , <b>2021</b> , 56, 273-278	1.1	
71	Evolutionary history and divergence times of Odonata (dragonflies and damselflies) revealed through transcriptomics. <i>iScience</i> , <b>2021</b> , 24, 103324	6.1	3
70	Phylogenomic relationships of bioluminescent elateroids define the Lampyroid clade with clicking Sinopyrophoridae as its earliest member. <i>Systematic Entomology</i> , <b>2021</b> , 46, 111-123	3.4	13
69	Analysis of RNA-Seq, DNA Target Enrichment, and Sanger Nucleotide Sequence Data Resolves Deep Splits in the Phylogeny of Cuckoo Wasps (Hymenoptera: Chrysididae). <i>Insect Systematics and Diversity</i> , <b>2021</b> , 5,	1.8	2
68	Beyond <i>Drosophila</i> : resolving the rapid radiation of schizophoran flies with phylotranscriptomics. <i>BMC Biology</i> , <b>2021</b> , 19, 23	7.3	4
67	Four myriapod relatives - but who are sisters? No end to debates on relationships among the four major myriapod subgroups. <i>BMC Evolutionary Biology</i> , <b>2020</b> , 20, 144	3	10
66	An integrative phylogenomic approach to elucidate the evolutionary history and divergence times of Neuropterida (Insecta: Holometabola). <i>BMC Evolutionary Biology</i> , <b>2020</b> , 20, 64	3	18
65	Distinct 3-disulfide-bonded isomers of tridegin differentially inhibit coagulation factor XIIIa: The influence of structural stability on bioactivity. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 201, 112474	6.8	2
64	Sawfly Genomes Reveal Evolutionary Acquisitions That Fostered the Mega-Radiation of Parasitoid and Eusocial Hymenoptera. <i>Genome Biology and Evolution</i> , <b>2020</b> , 12, 1099-1188	3.9	7
63	Phylogenomic analysis sheds light on the evolutionary pathways towards acoustic communication in Orthoptera. <i>Nature Communications</i> , <b>2020</b> , 11, 4939	17.4	25
62	Phylogenomics of Auchenorrhyncha (Insecta: Hemiptera) using transcriptomes: examining controversial relationships via degeneracy coding and interrogation of gene conflict. <i>Systematic Entomology</i> , <b>2020</b> , 45, 85-113	3.4	16
61	Old World and New World Phasmatodea: Phylogenomics Resolve the Evolutionary History of Stick and Leaf Insects. <i>Frontiers in Ecology and Evolution</i> , <b>2019</b> , 7,	3.7	31
60	Phylogenomics of the superfamily Dytiscoidea (Coleoptera: Adephaga) with an evaluation of phylogenetic conflict and systematic error. <i>Molecular Phylogenetics and Evolution</i> , <b>2019</b> , 135, 270-285	4.1	28
59	An integrative phylogenomic approach illuminates the evolutionary history of cockroaches and termites (Blattodea). <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2019</b> , 286, 20182076	4.4	69
58	Phylogenomics reveals the evolutionary timing and pattern of butterflies and moths. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 22657-22663	11.5	117
57	The evolution and genomic basis of beetle diversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 24729-24737	11.5	156
56	Evolutionary history of Polyneoptera and its implications for our understanding of early winged insects. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 3024-3029	11.5	82

55	New data, same story: phylogenomics does not support Syrphoidea (Diptera: Syrphidae, Pipunculidae). <i>Systematic Entomology</i> , <b>2018</b> , 43, 447-459	3.4	20
54	Brochosomins and other novel proteins from brochosomes of leafhoppers (Insecta, Hemiptera, Cicadellidae). <i>Insect Biochemistry and Molecular Biology</i> , <b>2018</b> , 94, 10-17	4.5	5
53	Transcriptome sequence-based phylogeny of chalcidoid wasps (Hymenoptera: Chalcidoidea) reveals a history of rapid radiations, convergence, and evolutionary success. <i>Molecular Phylogenetics and Evolution</i> , <b>2018</b> , 120, 286-296	4.1	44
52	Phylogenomic analysis of Apoidea sheds new light on the sister group of bees. <i>BMC Evolutionary Biology</i> , <b>2018</b> , 18, 71	3	69
51	Phylogenomics and the evolution of hemipteroid insects. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 12775-12780	11.5	121
50	Unravelling the <i>Lineus ruber/viridis</i> species complex (Nemertea, Heteronemertea). <i>Zoologica Scripta</i> , <b>2017</b> , 46, 111-126	2.5	16
49	Evolutionary History of the Hymenoptera. <i>Current Biology</i> , <b>2017</b> , 27, 1013-1018	6.3	372
48	Revising the phylogenetic position of the extinct Mascarene Parrot <i>Mascarinus mascarin</i> (Linnaeus 1771) (Aves: Psittaciformes: Psittacidae). <i>Molecular Phylogenetics and Evolution</i> , <b>2017</b> , 107, 499-502	4.1	3
47	Transcriptome and target DNA enrichment sequence data provide new insights into the phylogeny of vespid wasps (Hymenoptera: Aculeata: Vespidae). <i>Molecular Phylogenetics and Evolution</i> , <b>2017</b> , 116, 213-226	4.1	50
46	Orthograph: a versatile tool for mapping coding nucleotide sequences to clusters of orthologous genes. <i>BMC Bioinformatics</i> , <b>2017</b> , 18, 111	3.6	89
45	Phylogenetic Origin and Diversification of RNAi Pathway Genes in Insects. <i>Genome Biology and Evolution</i> , <b>2016</b> , 8, 3784-3793	3.9	45
44	Ancient horizontal transfers of retrotransposons between birds and ancestors of human pathogenic nematodes. <i>Nature Communications</i> , <b>2016</b> , 7, 11396	17.4	55
43	Transcriptomic data from panarthropods shed new light on the evolution of insulator binding proteins in insects : Insect insulator proteins. <i>BMC Genomics</i> , <b>2016</b> , 17, 861	4.5	10
42	BaitFisher: A Software Package for Multispecies Target DNA Enrichment Probe Design. <i>Molecular Biology and Evolution</i> , <b>2016</b> , 33, 1875-86	8.3	49
41	Phylogeny of the Aphids <b>2016</b> , 1-13		1
40	Diversity, evolution and medical applications of insect antimicrobial peptides. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2016</b> , 371,	5.8	133
39	Phylogenomics resolves the timing and pattern of insect evolution. <i>Science</i> , <b>2014</b> , 346, 763-7	33.3	1489
38	On the systematic position of the Black-collared Lovebird <i>Agapornis swindernianus</i> (Agapornithinae, Psittaciformes). <i>Journal of Ornithology</i> , <b>2014</b> , 155, 581-589	1.5	3

37	Provenance and geographic spread of St. Louis encephalitis virus. <i>MBio</i> , <b>2013</b> , 4, e00322-13	7.8	40
36	Phylogenetic analyses of endoparasitic Acanthocephala based on mitochondrial genomes suggest secondary loss of sensory organs. <i>Molecular Phylogenetics and Evolution</i> , <b>2013</b> , 66, 182-9	4.1	40
35	A comprehensive analysis of bilaterian mitochondrial genomes and phylogeny. <i>Molecular Phylogenetics and Evolution</i> , <b>2013</b> , 69, 352-64	4.1	140
34	Platyzoan mitochondrial genomes. <i>Molecular Phylogenetics and Evolution</i> , <b>2013</b> , 69, 365-75	4.1	35
33	Multiple rearrangements in mitochondrial genomes of Isopoda and phylogenetic implications. <i>Molecular Phylogenetics and Evolution</i> , <b>2012</b> , 64, 106-17	4.1	33
32	The Australian fresh water isopod (Phreatoicoidea: Isopoda) allows insights into the early mitogenomic evolution of isopods. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , <b>2010</b> , 5, 36-44	2	15
31	The mitochondrial genome of <i>Opilio parietinus</i> (Arachnida: Opiliones). <i>Mitochondrial DNA</i> , <b>2010</b> , 21, 149-50		1
30	The mitochondrial genome of the Japanese skeleton shrimp <i>Caprella mutica</i> (Amphipoda: Caprellidea) reveals a unique gene order and shared apomorphic translocations with Gammaridea. <i>Mitochondrial DNA</i> , <b>2010</b> , 21, 77-86		15
29	The phylogenetic position of Acoela as revealed by the complete mitochondrial genome of <i>Symsagittifera roscoffensis</i> . <i>BMC Evolutionary Biology</i> , <b>2010</b> , 10, 309	3	41
28	Erosion of phylogenetic signal in tunicate mitochondrial genomes on different levels of analysis. <i>Molecular Phylogenetics and Evolution</i> , <b>2010</b> , 55, 860-70	4.1	28
27	The mitochondrial genome of the onychophoran <i>Opisthopatus cinctipes</i> (Peripatopsidae) reflects the ancestral mitochondrial gene arrangement of Panarthropoda and Ecdysozoa. <i>Molecular Phylogenetics and Evolution</i> , <b>2010</b> , 57, 285-92	4.1	34
26	Extensive duplication events account for multiple control regions and pseudo-genes in the mitochondrial genome of the velvet worm <i>Metaperipatus inae</i> (Onychophora, Peripatopsidae). <i>Molecular Phylogenetics and Evolution</i> , <b>2010</b> , 57, 293-300	4.1	20
25	On the phylogenetic position of Myzostomida: can 77 genes get it wrong?. <i>BMC Evolutionary Biology</i> , <b>2009</b> , 9, 150	3	47
24	Mitochondrial genome sequence and gene order of <i>Sipunculus nudus</i> give additional support for an inclusion of Sipuncula into Annelida. <i>BMC Genomics</i> , <b>2009</b> , 10, 27	4.5	49
23	Phylogeny and mitochondrial gene order variation in Lophotrochozoa in the light of new mitogenomic data from Nemertea. <i>BMC Genomics</i> , <b>2009</b> , 10, 364	4.5	42
22	The complete mitochondrial genome of <i>Atelura formicaria</i> (Hexapoda: Zygentoma) and the phylogenetic relationships of basal insects. <i>Gene</i> , <b>2009</b> , 439, 25-34	3.8	23
21	The first complete mitochondrial genome sequences of Amblypygi (Chelicerata: Arachnida) reveal conservation of the ancestral arthropod gene order. <i>Genome</i> , <b>2009</b> , 52, 456-66	2.4	13
20	A comparison of the mitochondrial genomes from two families of Solifugae (Arthropoda: Chelicerata): Eremobatidae and Ammotrechidae. <i>Gene</i> , <b>2008</b> , 417, 35-42	3.8	13

19	Evolution of a core gene network for skeletogenesis in chordates. <i>PLoS Genetics</i> , <b>2008</b> , 4, e1000025	6	51
18	The complete mitochondrial genome of the onychophoran <i>Epiperipatus biolleyi</i> reveals a unique transfer RNA set and provides further support for the ecdysozoa hypothesis. <i>Molecular Biology and Evolution</i> , <b>2008</b> , 25, 42-51	8.3	44
17	The complete mitochondrial genome of <i>Scutigera causeyae</i> (Myriapoda: Symphyla) and the phylogenetic position of Symphyla. <i>Molecular Phylogenetics and Evolution</i> , <b>2007</b> , 45, 251-60	4.1	24
16	The complete mitochondrial genome of <i>Pseudocellus pearsei</i> (Chelicerata: Ricinulei) and a comparison of mitochondrial gene rearrangements in Arachnida. <i>BMC Genomics</i> , <b>2007</b> , 8, 386	4.5	37
15	Mitochondrial genome and nuclear sequence data support myzostomida as part of the annelid radiation. <i>Molecular Biology and Evolution</i> , <b>2007</b> , 24, 1690-701	8.3	81
14	The complete mitochondrial genome of the common sea slater, <i>Ligia oceanica</i> (Crustacea, Isopoda) bears a novel gene order and unusual control region features. <i>BMC Genomics</i> , <b>2006</b> , 7, 241	4.5	123
13	The complete mitochondrial genome of the sea spider <i>Nymphon gracile</i> (Arthropoda: Pycnogonida). <i>BMC Genomics</i> , <b>2006</b> , 7, 284	4.5	34
12	The complete mitochondrial genome of the orbiniid polychaete <i>Orbinia latreillii</i> (Annelida, Orbiniidae)--A novel gene order for Annelida and implications for annelid phylogeny. <i>Gene</i> , <b>2006</b> , 370, 96-103	3.8	57
11	The mitochondrial genomes of <i>Campodea fragilis</i> and <i>Campodea lubbocki</i> (Hexapoda: Diplura): High genetic divergence in a morphologically uniform taxon. <i>Gene</i> , <b>2006</b> , 381, 49-61	3.8	28
10	The mitochondrial genome of the bristletail <i>Petrobius brevistylis</i> (Archaeognatha: Machilidae). <i>Insect Molecular Biology</i> , <b>2006</b> , 15, 253-8	3.4	21
9	Major rearrangements characterize the mitochondrial genome of the isopod <i>Idotea baltica</i> (Crustacea: Peracarida). <i>Molecular Phylogenetics and Evolution</i> , <b>2006</b> , 40, 893-9	4.1	29
8	Organization of the mitochondrial genome of mantis shrimp <i>Pseudosquilla ciliata</i> (Crustacea: Stomatopoda). <i>Marine Biotechnology</i> , <b>2005</b> , 7, 618-24	3.4	35
7	Cloning and expression of an inhibitor of microbial metalloproteinases from insects contributing to innate immunity. <i>Biochemical Journal</i> , <b>2004</b> , 382, 315-22	3.8	58
6	Cloning and expression of gallerimycin, an antifungal peptide expressed in immune response of greater wax moth larvae, <i>Galleria mellonella</i> . <i>Archives of Insect Biochemistry and Physiology</i> , <b>2003</b> , 53, 125-33	2.3	122
5	Identification of immunorelevant genes from greater wax moth ( <i>Galleria mellonella</i> ) by a subtractive hybridization approach. <i>Developmental and Comparative Immunology</i> , <b>2003</b> , 27, 207-15	3.2	94
4	Antimicrobial activity of exocrine glandular secretion of <i>Chrysomela</i> larvae. <i>Journal of Chemical Ecology</i> , <b>2002</b> , 28, 317-31	2.7	38
3	Quinones in cockchafers: additional function of a sex attractant as an antimicrobial agent. <i>Chemoecology</i> , <b>2001</b> , 11, 225-229	2	21
2	Detection of a P-glycoprotein related pump in <i>Chironomus</i> larvae and its inhibition by verapamil and cyclosporin A. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>1998</b> , 121, 443-50	2.3	49

1	Are fleas highly modified Mecoptera? Phylogenomic resolution of Antliophora (Insecta: Holometabola)	3
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