

Malte Petersen

List of Publications by Citations

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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.

26

papers

2,969

citations

16

h-index

32

g-index

32

ext. papers

4,015

ext. citations

7.9

avg, IF

4.02

L-index

#	Paper	IF	Citations
26	Phylogenomics resolves the timing and pattern of insect evolution. <i>Science</i> , 2014 , 346, 763-7	33.3	1489
25	Evolutionary History of the Hymenoptera. <i>Current Biology</i> , 2017 , 27, 1013-1018	6.3	372
24	Platyzoan paraphyly based on phylogenomic data supports a noncoelomate ancestry of spiralia. <i>Molecular Biology and Evolution</i> , 2014 , 31, 1833-49	8.3	123
23	Phylogenomics and the evolution of hemipteroid insects. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 12775-12780	11.5	121
22	The evolutionary history of holometabolous insects inferred from transcriptome-based phylogeny and comprehensive morphological data. <i>BMC Evolutionary Biology</i> , 2014 , 14, 52	3	120
21	Genomic and morphological evidence converge to resolve the enigma of Strepsiptera. <i>Current Biology</i> , 2012 , 22, 1309-13	6.3	117
20	Decisive data sets in phylogenomics: lessons from studies on the phylogenetic relationships of primarily wingless insects. <i>Molecular Biology and Evolution</i> , 2014 , 31, 239-49	8.3	100
19	Orthograph: a versatile tool for mapping coding nucleotide sequences to clusters of orthologous genes. <i>BMC Bioinformatics</i> , 2017 , 18, 111	3.6	89
18	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> , 2019 , 116, 3024-3029	11.5	82
17	Diversity and evolution of the transposable element repertoire in arthropods with particular reference to insects. <i>Bmc Ecology and Evolution</i> , 2019 , 19, 11	21	55
16	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> , 2017 , 116, 213-226	4.1	50
15	BaitFisher: A Software Package for Multispecies Target DNA Enrichment Probe Design. <i>Molecular Biology and Evolution</i> , 2016 , 33, 1875-86	8.3	49
14	Phylogenetic Origin and Diversification of RNAi Pathway Genes in Insects. <i>Genome Biology and Evolution</i> , 2016 , 8, 3784-3793	3.9	45
13	Re-assessing the diversity of negative strand RNA viruses in insects. <i>PLoS Pathogens</i> , 2019 , 15, e1008224	7.6	43
12	Anchored phylogenomics unravels the evolution of spider flies (Diptera, Acroceridae) and reveals discordance between nucleotides and amino acids. <i>Molecular Phylogenetics and Evolution</i> , 2018 , 128, 233-245	4.1	25
11	Decay of Sexual Trait Genes in an Asexual Parasitoid Wasp. <i>Genome Biology and Evolution</i> , 2016 , 8, 3685-3695	3.95	19
10	Phylogenomics of Auchenorrhyncha (Insecta: Hemiptera) using transcriptomes: examining controversial relationships via degeneracy coding and interrogation of gene conflict. <i>Systematic Entomology</i> , 2020 , 45, 85-113	3.4	16

9	The immunogenetics of sexual parasitism. <i>Science</i> , 2020 , 369, 1608-1615	33.3	13
8	Transcriptomic data from panarthropods shed new light on the evolution of insulator binding proteins in insects : Insect insulator proteins. <i>BMC Genomics</i> , 2016 , 17, 861	4.5	10
7	Improving the Chromosome-Level Genome Assembly of the Siamese Fighting Fish () in a University Master's Course. <i>G3: Genes, Genomes, Genetics</i> , 2020 , 10, 2179-2183	3.2	8
6	Sawfly Genomes Reveal Evolutionary Acquisitions That Fostered the Mega-Radiation of Parasitoid and Eusocial Hymenoptera. <i>Genome Biology and Evolution</i> , 2020 , 12, 1099-1188	3.9	7
5	Viromics of extant insect orders unveil the evolution of the flavi-like superfamily. <i>Virus Evolution</i> , 2021 , 7, veab030	3.7	6
4	Beyond Drosophila: resolving the rapid radiation of schizophoran flies with phylotranscriptomics. <i>BMC Biology</i> , 2021 , 19, 23	7.3	4
3	Are fleas highly modified Mecoptera? Phylogenomic resolution of Antliophora (Insecta: Holometabola)		3
2	Education in the genomics era: Generating high-quality genome assemblies in university courses. <i>GigaScience</i> , 2020 , 9,	7.6	2
1	Population analysis of retrotransposons in giraffe genomes supports RTE decline and widespread LINE1 activity in Giraffidae. <i>Mobile DNA</i> , 2021 , 12, 27	4.4	0