

# Malte Petersen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1245601/publications.pdf>

Version: 2024-02-01

28  
papers

4,629  
citations

361413

20  
h-index

477307

29  
g-index

32  
all docs

32  
docs citations

32  
times ranked

5400  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phylogenomics resolves the timing and pattern of insect evolution. <i>Science</i> , 2014, 346, 763-767.	12.6	2,096
2	Evolutionary History of the Hymenoptera. <i>Current Biology</i> , 2017, 27, 1013-1018.	3.9	611
3	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.	7.1	275
4	Platyzoan Paraphyly Based on Phylogenomic Data Supports a Noncoelomate Ancestry of Spiralia. <i>Molecular Biology and Evolution</i> , 2014, 31, 1833-1849.	8.9	160
5	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.	7.1	150
6	The evolutionary history of holometabolous insects inferred from transcriptome-based phylogeny and comprehensive morphological data. <i>BMC Evolutionary Biology</i> , 2014, 14, 52.	3.2	147
7	Orthograph: a versatile tool for mapping coding nucleotide sequences to clusters of orthologous genes. <i>BMC Bioinformatics</i> , 2017, 18, 111.	2.6	146
8	Genomic and Morphological Evidence Converge to Resolve the Enigma of Strepsiptera. <i>Current Biology</i> , 2012, 22, 1309-1313.	3.9	140
9	Diversity and evolution of the transposable element repertoire in arthropods with particular reference to insects. <i>Bmc Ecology and Evolution</i> , 2019, 19, 11.	1.6	129
10	Decisive Data Sets in Phylogenomics: Lessons from Studies on the Phylogenetic Relationships of Primarily Wingless Insects. <i>Molecular Biology and Evolution</i> , 2014, 31, 239-249.	8.9	127
11	Re-assessing the diversity of negative strand RNA viruses in insects. <i>PLoS Pathogens</i> , 2019, 15, e1008224.	4.7	101
12	Phylogenetic Origin and Diversification of RNAi Pathway Genes in Insects. <i>Genome Biology and Evolution</i> , 2016, 8, evw281.	2.5	92
13	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.	2.7	87
14	BaitFisher: A Software Package for Multispecies Target DNA Enrichment Probe Design. <i>Molecular Biology and Evolution</i> , 2016, 33, 1875-1886.	8.9	71
15	The immunogenetics of sexual parasitism. <i>Science</i> , 2020, 369, 1608-1615.	12.6	46
16	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.	3.9	45
17	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.	2.7	35
18	Viromics of extant insect orders unveil the evolution of the flavi-like superfamily. <i>Virus Evolution</i> , 2021, 7, veab030.	4.9	35

#	ARTICLE	IF	CITATIONS
19	Decay of sexual trait genes in an asexual parasitoid wasp. <i>Genome Biology and Evolution</i> , 2016, 8, evw273.	2.5	33
20	Transcriptomic data from panarthropods shed new light on the evolution of insulator binding proteins in insects. <i>BMC Genomics</i> , 2016, 17, 861.	2.8	23
21	Beyond <i>Drosophila</i> : resolving the rapid radiation of schizophoran flies with phylotranscriptomics. <i>BMC Biology</i> , 2021, 19, 23.	3.8	22
22	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.	2.5	17
23	Improving the Chromosome-Level Genome Assembly of the Siamese Fighting Fish ( <i>Betta</i> ) Tj ETQq1 1 0.784314 1.8 /Overlock 10 15	1.8	15
24	Education in the genomics era: Generating high-quality genome assemblies in university courses. <i>GigaScience</i> , 2020, 9, .	6.4	9
25	Population analysis of retrotransposons in giraffe genomes supports RTE decline and widespread LINE1 activity in Giraffidae. <i>Mobile DNA</i> , 2021, 12, 27.	3.6	2
26	Transposable Elements in the Genome of the Lichen-Forming Fungus <i>Umbilicaria pustulata</i> and Their Distribution in Different Climate Zones along Elevation. <i>Biology</i> , 2022, 11, 24.	2.8	2
27	Genomic and Morphological Evidence Converge to Resolve the Enigma of Strepsiptera. <i>Current Biology</i> , 2013, 23, 1388.	3.9	1
28	Patterns and Constraints in the Evolution of Sperm Individualization Genes in Insects, with an Emphasis on Beetles. <i>Genes</i> , 2019, 10, 776.	2.4	1