

Sabrina Simon

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,854
citations

430874

18
h-index

477307

29
g-index

33
all docs

33
docs citations

33
times ranked

2174
citing authors

#	ARTICLE	IF	CITATIONS
1	A Phylogenomic Approach to Resolve the Arthropod Tree of Life. <i>Molecular Biology and Evolution</i> , 2010, 27, 2451-2464.	8.9	308
2	A comprehensive analysis of bilaterian mitochondrial genomes and phylogeny. <i>Molecular Phylogenetics and Evolution</i> , 2013, 69, 352-364.	2.7	183
3	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
4	An integrative phylogenomic approach illuminates the evolutionary history of cockroaches and termites (Blattodea). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20182076.	2.6	143
5	Dating the arthropod tree based on large-scale transcriptome data. <i>Molecular Phylogenetics and Evolution</i> , 2011, 61, 880-887.	2.7	118
6	Can comprehensive background knowledge be incorporated into substitution models to improve phylogenetic analyses? A case study on major arthropod relationships. <i>BMC Evolutionary Biology</i> , 2009, 9, 119.	3.2	112
7	A comparative analysis of complete mitochondrial genomes among Hexapoda. <i>Molecular Phylogenetics and Evolution</i> , 2013, 69, 393-403.	2.7	97
8	We can't all be supermodels: the value of comparative transcriptomics to the study of non-model insects. <i>Insect Molecular Biology</i> , 2015, 24, 139-154.	2.0	82
9	Phylogenomic analysis sheds light on the evolutionary pathways towards acoustic communication in Orthoptera. <i>Nature Communications</i> , 2020, 11, 4939.	12.8	82
10	Old World and New World Phasmatodea: Phylogenomics Resolve the Evolutionary History of Stick and Leaf Insects. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	2.2	80
11	Genome assembly and geospatial phylogenomics of the bed bug <i>Cimex lectularius</i> . <i>Nature Communications</i> , 2016, 7, 10164.	12.8	79
12	Insect Phylogenomics: Exploring the Source of Incongruence Using New Transcriptomic Data. <i>Genome Biology and Evolution</i> , 2012, 4, 1295-1309.	2.5	71
13	A Phylogenomic Approach to Resolve the Basal Pterygote Divergence. <i>Molecular Biology and Evolution</i> , 2009, 26, 2719-2730.	8.9	66
14	Reanalyzing the Palaeoptera problem – The origin of insect flight remains obscure. <i>Arthropod Structure and Development</i> , 2018, 47, 328-338.	1.4	51
15	Insect phylogenomics: new insights on the relationships of lower neopteran orders (<sc>P</sc>olyneoptera). <i>Systematic Entomology</i> , 2013, 38, 783-793.	3.9	49
16	Colonization and diversification of aquatic insects on three Macaronesian archipelagos using 59 nuclear loci derived from a draft genome. <i>Molecular Phylogenetics and Evolution</i> , 2017, 107, 27-38.	2.7	32
17	On the value of Elongation factor-1 $\hat{\pm}$ for reconstructing pterygote insect phylogeny. <i>Molecular Phylogenetics and Evolution</i> , 2010, 54, 651-656.	2.7	28
18	Comparative transcriptomics reveal developmental turning points during embryogenesis of a hemimetabolous insect, the damselfly <i>Ischnura elegans</i> . <i>Scientific Reports</i> , 2017, 7, 13547.	3.3	24

#	ARTICLE	IF	CITATIONS
19	Assessing support for <scp>Blaberoidea</scp> phylogeny suggests optimal locus quality. Systematic Entomology, 2021, 46, 157-171.	3.9	18
20	Phylogenomics changes our understanding about earwig evolution. Systematic Entomology, 2020, 45, 516-526.	3.9	15
21	Combining molecular datasets with strongly heterogeneous taxon coverage enlightens the peculiar biogeographic history of stoneflies (Insecta: Plecoptera). Systematic Entomology, 2021, 46, 952-967.	3.9	13
22	Expanding the Menu: Are Polyphagy and Gene Family Expansions Linked across Lepidoptera?. Genome Biology and Evolution, 2022, 14, .	2.5	10
23	<scp>discomark</scp>: nuclear marker discovery from orthologous sequences using draft genome data. Molecular Ecology Resources, 2017, 17, 257-266.	4.8	9
24	Genome and transcriptome analysis of the beet armyworm <i>Spodoptera exigua</i> reveals targets for pest control. G3: Genes, Genomes, Genetics, 2021, 11, .	1.8	9
25	Isolation of Hox Cluster Genes from Insects Reveals an Accelerated Sequence Evolution Rate. PLoS ONE, 2012, 7, e34682.	2.5	7
26	An influential meal: host plant dependent transcriptional variation in the beet armyworm, Spodoptera exigua (Lepidoptera: Noctuidae). BMC Genomics, 2019, 20, 845.	2.8	5
27	Comparative transcriptomics of ice-crawlers demonstrates cold specialization constrains niche evolution in a relict lineage. Evolutionary Applications, 2021, 14, 360-382.	3.1	5
28	Great chemistry between us: The link between plant chemical defenses and butterfly evolution. Ecology and Evolution, 2021, 11, 8595-8613.	1.9	5
29	Reinstatement of Athis miastagma (Dyar, 1925) (Lepidoptera: Castniidae) as a valid species inhabiting the Pacific slope of Central Mexico. Zootaxa, 2021, 5061, 300-322.	0.5	1