

Gunilla Ståhl

List of Publications by Year in descending order

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49
papers

1,232
citations

304368

22
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414034

32
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53
all docs

53
docs citations

53
times ranked

767
citing authors

#	ARTICLE	IF	CITATIONS
1	Phylogeny of Syrphidae (Diptera) inferred from combined analysis of molecular and morphological characters. <i>Systematic Entomology</i> , 2003, 28, 433-450.	1.7	88
2	Anchored enrichment dataset for true flies (order Diptera) reveals insights into the phylogeny of flower flies (family Syrphidae). <i>BMC Evolutionary Biology</i> , 2016, 16, 143.	3.2	86
3	First phylogeny of predatory flower flies (Diptera, Syrphidae, Syrphinae) using mitochondrial COI and nuclear 28S rRNA genes: conflict and congruence with the current tribal classification. <i>Cladistics</i> , 2008, 24, 543-562.	1.5	77
4	Phylogenetic relationships and taxonomic ranking of pipizine flower flies (Diptera: Syrphidae) with implications for the evolution of aphidophagy. <i>Cladistics</i> , 2015, 31, 491-508.	1.5	61
5	MtDNA COI barcodes reveal cryptic diversity in the <i>Baetis vernus</i> group (Ephemeroptera, Baetidae). <i>Molecular Phylogenetics and Evolution</i> , 2008, 46, 82-87.	1.2	49
6	Three new cryptic species of the genus <i>Merodon</i> Meigen (Diptera: Syrphidae) from the island of Lesbos (Greece). <i>Zootaxa</i> , 2011, 2735, 35.	0.2	44
7	Systematics and taxonomy of the <i>ruficornis</i> group of genus <i>Merodon</i> Meigen (Diptera: Tj ETQq1 1 0,784314 rgBT /Overlock 10 Tf 50 4	1.7	42
8	Genetic diversity of populations of <i>Merodon aureus</i> and <i>M. cinereus</i> species complexes (Diptera,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4 Peninsula. <i>Conservation Genetics</i> , 2008, 9, 1125-1137.	0.8	41
9	Global population genetic structure and demographic trajectories of the black soldier fly, <i>Hermetia illucens</i> . <i>BMC Biology</i> , 2021, 19, 94.	1.7	41
10	Towards an integrated taxonomy of the <i>Merodon equestris</i> species complex (Diptera: Syrphidae) including description of a new species, with additional data on Iberian <i>Merodon</i> . <i>Canadian Entomologist</i> , 2011, 143, 332-348.	0.4	37
11	Molecular phylogeny of <i>Allograpta</i> (Diptera, Syrphidae) reveals diversity of lineages and non-monophyly of phytophagous taxa. <i>Molecular Phylogenetics and Evolution</i> , 2008, 49, 715-727.	1.2	35
12	Investigating plant-pollinator relationships in the Aegean: the approaches of the project POL-AEGIS (The pollinators of the Aegean archipelago: diversity and threats). <i>Journal of Apicultural Research</i> , 2013, 52, 106-117.	0.7	34
13	Two new species of the genus <i>Merodon</i> Meigen 1803 (Diptera: Syrphidae) from the island of Lesbos (Greece), in the eastern Mediterranean. <i>Annales De La Societe Entomologique De France</i> , 2007, 43, 319-326.	0.4	33
14	When mtDNA COI is misleading: congruent signal of ITS2 molecular marker and morphology for North European <i>Melanostoma Schiner, 1860</i> (Diptera, Syrphidae). <i>ZooKeys</i> , 2014, 431, 93-134.	0.5	33
15	Molecular and Morphological Inference of Three Cryptic Species within the <i>Merodon aureus</i> Species Group (Diptera: Syrphidae). <i>PLoS ONE</i> , 2016, 11, e0160001.	1.1	33
16	Taxonomy of <i>Chrysotoxum festivum</i> Linnaeus, 1758 (Diptera: Syrphidae) - an integrative approach. <i>Zoological Journal of the Linnean Society</i> , 2013, 169, 84-102.	1.0	32
17	Phylogenetic relationships of <i>Microdontinae</i> (Diptera: Syrphidae) based on molecular and morphological characters. <i>Systematic Entomology</i> , 2013, 38, 661-688.	1.7	31
18	Phylogeographic patterns of <i>Merodon</i> hoverflies in the Eastern Mediterranean region: revealing connections and barriers. <i>Ecology and Evolution</i> , 2016, 6, 2226-2245.	0.8	30

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19	Is the mega-diverse genus <i>Ocyptamus</i> (Diptera, Syrphidae) monophyletic? Evidence from molecular characters including the secondary structure of 28S rRNA. <i>Molecular Phylogenetics and Evolution</i> , 2012, 62, 191-205.	1.2	27
20	Phylogenetic relationships of the genus <i>Cheilosia</i> and the tribe Rhingiini (Diptera, Syrphidae) based on morphological and molecular characters. <i>Cladistics</i> , 2004, 20, 105-122.	1.5	26
21	A molecular-based identification resource for the arthropods of Finland. <i>Molecular Ecology Resources</i> , 2022, 22, 803-822.	2.2	26
22	The puzzling mitochondrial phylogeography of the black soldier fly (<i>Hermetia illucens</i>), the commercially most important insect protein species. <i>BMC Evolutionary Biology</i> , 2020, 20, 60.	3.2	26
23	Cryptic speciation in the <i>Merodon luteomaculatus</i> complex (Diptera: Syrphidae) from the eastern Mediterranean. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2018, 56, 170-191.	0.6	25
24	Genetic and phenotypic diversity patterns in <i>Merodon albifrons</i> Meigen, 1822 (Diptera: Syrphidae). <i>Journal of the Linnean Society</i> , 2013, 110, 257-280.	0.7	24
25	An integrative approach in the assessment of species delimitation and structure of the <i>Merodon nanus</i> species group (Diptera: Syrphidae). <i>Organisms Diversity and Evolution</i> , 2018, 18, 479-497.	0.7	20
26	Biogeographical patterns of the genus <i>Merodon</i> Meigen, 1803 (Diptera: Syrphidae) in islands of the eastern Mediterranean and adjacent mainland. <i>Insect Conservation and Diversity</i> , 2016, 9, 181-191.	1.4	19
27	A conspectus of the flower fly genus <i>Allograpta</i> (Diptera: Syrphidae) with description of a new subgenus and species. <i>Zootaxa</i> , 2009, 2214, 1-28.	0.2	18
28	A multigene phylogeny of the cristaline flower flies (Diptera: Syrphidae), with emphasis on the subtribe Criorhinina. <i>Zoological Journal of the Linnean Society</i> , 2022, 194, 120-135.	1.0	17
29	Close relatives of Mediterranean endemo-relict hoverflies (Diptera, Syrphidae) in South Africa: Morphological and molecular evidence in the <i>Merodon melanocerus</i> subgroup. <i>PLoS ONE</i> , 2018, 13, e0200805.	1.1	16
30	Review of the <i>Merodon albifasciatus</i> Macquart species complex (Diptera: Syrphidae): the nomenclatural type located and its provenance discussed. <i>Zootaxa</i> , 2018, 4374, 25-48.	0.2	14
31	Estimating genetic and phenotypic diversity in a northern hoverfly reveals lack of heterozygosity correlated with significant fluctuating asymmetry of wing traits. <i>Journal of Insect Conservation</i> , 2010, 14, 77-88.	0.8	13
32	Revision of the <i>Merodon serrulatus</i> group (Diptera, Syrphidae). <i>ZooKeys</i> , 2020, 909, 79-158.	0.5	13
33	Prolonged diapause in fungivorous <i>Pegomya</i> flies. <i>Ecological Entomology</i> , 1990, 15, 241-244.	1.1	11
34	DNA barcodes identify Central-Asian <i>Colias</i> butterflies (Lepidoptera, Pieridae). <i>ZooKeys</i> , 2013, 365, 175-196.	0.5	10
35	Molecular phylogeny of flat-footed flies (Diptera: Platypezidae): main clades supported by new morphological evidence. <i>Zoologica Scripta</i> , 2017, 46, 429-444.	0.7	10
36	Molecular phylogenetics of the predatory lineage of flower flies <i>Eupeodes</i> and <i>Scaeva</i> (Diptera: Syrphidae), with the description of the Neotropical genus <i>Austroscaeva</i> gen. nov.. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2018, 56, 148-169.	0.6	10

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37	Hidden European diversity: a new monotypic hoverfly genus (Diptera: Syrphidae: Eristalinae: Rhingiini). Zoological Journal of the Linnean Society, 2019, 185, 1188-1211.	1.0	9
38	Rediscovery and reclassification of the dipteran taxon <i>Nothomicrodon</i> Wheeler, an exclusive endoparasitoid of gyne ant larvae. Scientific Reports, 2017, 7, 45530.	1.6	8
39	Sky island diversification in the <i>Merodon rufus</i> group (Diptera, Syrphidae) – recent vicariance in south-east Europe. Organisms Diversity and Evolution, 2020, 20, 345-368.	0.7	8
40	Resolving the taxonomy of the <i>Merodon dobrogensis</i> species subgroup (Diptera: Syrphidae), with the description of a new species. Canadian Entomologist, 2020, 152, 36-59.	0.4	6
41	Taxonomic review of the Palearctic species of the <i>Cheilosia caerulescens</i> -group (Diptera, Syrphidae). ZooKeys, 2017, 662, 137-171.	0.5	6
42	Descriptions of three new species of the genus <i>Cheilosia</i> Meigen from China (Diptera, Syrphidae). Zootaxa, 2015, 3972, 280-90.	0.2	5
43	First record of the bacterial endosymbiont <i>Wolbachia</i> for phytophagous hoverflies from genus <i>Merodon</i> (Diptera: Syrphidae). Entomological Science, 2019, 22, 283-296.	0.3	4
44	Life on an island: the phylogenetic placement of <i>Loveridgeana</i> and Afrotropical <i>Sphaerophoria</i> (Diptera: Syrphidae) inferred from molecular characters. Systematics and Biodiversity, 2021, 19, 22-53.	0.5	4
45	Checklist of the families Opetiidae and Platypezidae (Diptera) of Finland. ZooKeys, 2014, 441, 209-212.	0.5	3
46	<i>Merodon chalybeus</i> Subgroup: An Additional Piece of the <i>M. aureus</i> Group (Diptera, Syrphidae) Puzzle. Annales Zoologici Fennici, 2022, 59, .	0.2	3
47	mtDNA COI in efficient use: clarifying taxonomy, linking morphologically discordant sexes and identifying the immature stages of <i>Agathomyia</i> Verrall flat-footed flies (Diptera: Platypezidae). Journal of Zoological Systematics and Evolutionary Research, 2015, 53, 219-238.	0.6	2
48	<i>Cheilosia</i> (Diptera, Syrphidae: Rhingiini) of Nepal with descriptions of 29 new species. European Journal of Taxonomy, 0, 829, 1-127.	0.6	2
49	<i>Baetis bundyae</i> (Ephemeroptera: Baetidae), described from Arctic Canada is found in northernmost Europe. Canadian Entomologist, 2014, 146, 621-629.	0.4	1