Stefan Schmidt

List of Publications by Year
in descending order

46 papers	1,165 citations	430874 18 h-index	454955 30 g-index
50 all docs	50 docs citations	50 times ranked	1259 citing authors

#	Article	IF	Citations
1	<scp>DNA</scp> barcoding largely supports 250Âyears of classical taxonomy: identifications for <scp>C</scp>entral <scp>E</scp>uropean bees (<scp>H</scp>ymenoptera, <scp>A</scp>poidea) Tj ETQq1 1 0.784314 rgBT /Overlock	4.8	117
2	Species Identification in Malaise Trap Samples by DNA Barcoding Based on NGS Technologies and a Scoring Matrix. PLoS ONE, 2016, 11, e0155497.	2.5	100
3	A DNA barcode library for 5,200 German flies and midges (Insecta: Diptera) and its implications for metabarcodingâ€based biomonitoring. Molecular Ecology Resources, 2019, 19, 900-928.	4.8	77
4	Preliminary Phylogeny of Encarsia FÃ¶rster (Hymenoptera: Aphelinidae) Based on Morphology and 28S rDNA. Molecular Phylogenetics and Evolution, 2001, 18, 306-323.	2.7	63
5	Relationship of insect biomass and richness with land use along a climate gradient. Nature Communications, 2021, 12, 5946.	12.8	61
6	Identification of sawflies and horntails (Hymenoptera, â€˜Symphytaâ€™) through <scp>DNA</scp> barcodes: successes and caveats. Molecular Ecology Resources, 2017, 17, 670-685.	4.8	58
7	<scp>DNA</scp> barcoding of crickets, katydids and grasshoppers (Orthoptera) from Central Europe with focus on Austria, Germany and Switzerland. Molecular Ecology Resources, 2017, 17, 1037-1053.	4.8	55
8	The genera of Nematinae (Hymenoptera, Tenthredinidae). Journal of Hymenoptera Research, 0, 40, 1-69.	0.8	39
9	DiversityScanner: Robotic handling of small invertebrates with machine learning methods. Molecular Ecology Resources, 2022, 22, 1626-1638.	4.8	39
10	Biodiversity into your hands - A call for a virtual global natural history â€˜metacollectionâ€™. Frontiers in Zoology, 2013, 10, 55.	2.0	36
11	Young clades in an old family: Major evolutionary transitions and diversification of the eucalypt-feeding pergid sawflies in Australia (Insecta, Hymenoptera, Pergidae). Molecular Phylogenetics and Evolution, 2014, 74, 111-121.	2.7	33
12	DNA metabarcoding for biodiversity monitoring in a national park: Screening for invasive and pest species. Molecular Ecology Resources, 2020, 20, 1542-1557.	4.8	33
13	The Australian species ofEncarsiaFÃ¶rster (Hymenoptera, Chalcidoidea: Aphelinidae), parasitoids of whiteflies (Hemiptera, Sternorrhyncha, Aleyrodidae) and armoured scale insects (Hemiptera,) Tj ETQq1 1 0.784314 rgBT /Overlock	1.5	30
14	Encarsia species (Hymenoptera: Aphelinidae) of Australia and the Pacific Islands attacking Bemisia tabaci and Trialeurodes vaporariorum (Hemiptera: Aleyrodidae) â€“ a pictorial key and descriptions of four new species. Bulletin of Entomological Research, 2001, 91, 369-387.	1.0	28
15	DNA barcodes identify 99 per cent of apoid wasp species (Hymenoptera: Ampulicidae, Crabronidae,) Tj ETQq1 1 0.784314 rgBT /Overlock	4.8	27
16	Peering into the Darkness: DNA Barcoding Reveals Surprisingly High Diversity of Unknown Species of Diptera (Insecta) in Germany. Insects, 2022, 13, 82.	2.2	27
17	The phylogenetic characteristics of three different 28S rRNA gene regions in Encarsia (Insecta,) Tj ETQq1 1 0.784314 rgBT /Overlock	1.6	24
18	Encarsia or Encarsiella? - redefining generic limits based on morphological and molecular evidence (Hymenoptera, Aphelinidae). Systematic Entomology, 2007, 32, 81-94.	3.9	23

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19	DScan â€“ a high-performance digital scanning system for entomological collections. ZooKeys, 2012, 209, 183-191.	1.1	21
20	GBOL III: DARK TAXA. IBOL Barcode Bulletin, 2020, 10, .	0.2	21
21	Revision of the West Palaearctic Polistes Latreille, with the descriptions of two species â€“ an integrative approach using morphology and DNA barcodes (Hymenoptera, Vespidae). ZooKeys, 2017, 713, 53-112.	1.1	20
22	Host plant adaptations in myrtaceous-feeding Pergid sawflies: essential oils and the morphology and behaviour ofPergagrapta larvae (Hymenoptera, Symphyta, Pergidae). Biological Journal of the Linnean Society, 2000, 70, 15-26.	1.6	18
23	Chemical detoxification vs mechanical removal of host plant toxins in Eucalyptus feeding sawfly larvae (Hymenoptera: Pergidae). Journal of Insect Physiology, 2010, 56, 1770-1776.	2.0	17
24	Synopsis of the Tenthredinidae (Hymenoptera) in Australia, including two newly recorded, introduced sawfly species associated with willows (Salix spp.). Australian Journal of Entomology, 2002, 41, 1-6.	1.1	15
25	Toxic Peptides Occur Frequently in Pergid and Argid Sawfly Larvae. PLoS ONE, 2014, 9, e105301.	2.5	13
26	Using Malaise traps for collecting Lepidoptera (Insecta), with notes on the preparation of Macrolepidoptera from ethanol. Biodiversity Data Journal, 2019, 7, e32192.	0.8	10
27	INDOBIOSYS â€“ DNA BARCODING AS A TOOL FOR THE RAPID ASSESSMENT OF HYPERDIVERSE INSECT TAXA IN INDONESIA: A STATUS REPORT. Treubia, 0, 44, 67.	0.1	9
28	A streamlined collecting and preparation protocol for DNA barcoding of Lepidoptera as part of large-scale rapid biodiversity assessment projects, exemplified by the Indonesian Biodiversity Discovery and Information System (IndoBioSys). Biodiversity Data Journal, 2017, 5, e20006.	0.8	9
29	Selandriinae, a subfamily of Tenthredinidae new to Australia, and a review of other Australian Tenthredinidae (Hymenoptera: Symphyta). Australian Journal of Entomology, 2009, 48, 305-309.	1.1	8
30	Unexpected diversity in Central European Vespoidea (Hymenoptera, Mutillidae, Myrmosidae, Sapygidae,) Tj ETQq0 0 0 rgBT /Overlock 10 1870. ZooKeys, 2021, 1062, 49-72.	1.1	8
31	A new subfamily, genus, and species of Cephidae (Hymenoptera) from Australia. Zootaxa, 2009, 2034, 56-60.	0.5	7
32	From field courses to DNA barcoding data release for West Papua - making specimens and identifications from university courses more sustainable. Biodiversity Data Journal, 2018, 6, e25237.	0.8	7
33	The Mt Halimun-Salak Malaise Trap project - releasing the most species rich DNA Barcode library for Indonesia. Biodiversity Data Journal, 2018, 6, e29927.	0.8	7
34	Endogenous toxins and the coupling of gregariousness to conspicuousness in Argidae and Pergidae sawflies. Scientific Reports, 2018, 8, 17636.	3.3	6
35	A review of the Indonesian species of the family Signiphoridae (Hymenoptera, Chalcidoidea), with description of three new species. ZooKeys, 2019, 897, 29-47.	1.1	5
36	Checklist of the Ichneumonidae of Germany (Insecta, Hymenoptera). Biodiversity Data Journal, 2021, 9, e64267.	0.8	4

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37	DNA barcoding data release for Coleoptera from the Gunung Halimun canopy fogging workpackage of the Indonesian Biodiversity Information System (IndoBioSys) project. Biodiversity Data Journal, 2019, 7, e31432.	0.8	4
38	Revision of the European species of Euplectrus Westwood (Hymenoptera, Eulophidae), with a key to European species of Euplectrini. Journal of Hymenoptera Research, 0, 67, 1-35.	0.8	4
39	A revision of European species of the genus Tetrastichus Haliday (Hymenoptera: Eulophidae) using integrative taxonomy. Biodiversity Data Journal, 2020, 8, e59177.	0.8	4
40	Parasitoids of the Australian citrus whitefly, Orchamoplatus citri (Takahashi) (Hemiptera,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (2873, 27.	0.5	3
41	Adapting to cope with eucalypt oils: Mandibular extensions in pergid sawfly larvae and potential preadaptations in its sister family Argidae (Insecta, Hymenoptera, Symphyta). Journal of Morphology, 2011, 272, 1314-1324.	1.2	3
42	Integrative ecological and molecular analysis indicate high diversity and strict elevational separation of canopy beetles in tropical mountain forests. Scientific Reports, 2020, 10, 16677.	3.3	3
43	ï»¿Smicromyrme frankburgeri Schmid-Egger (Hymenoptera, Mutillidae), a replacement name for S. burgeri Schmid-Egger, 2021, preoccupied by S. burgeri Lelej, 2020. ZooKeys, 0, 1097, 133-134.	1.1	2
44	A new genus and species of Australian pergid sawfly (Hymenoptera: Symphyta, Pergidae) causing damage on grass (Poaceae). Zootaxa, 2005, 955, .	0.5	1
45	The Australian species of the subfamily Pergulinae, with descriptions of two new Pergula Morice species (Hymenoptera: Symphyta: Pergidae). Australian Journal of Entomology, 2009, 48, 300-304.	1.1	1
46	First report of Tequus schrottkyi (Konow) (Hymenoptera: Pergidae) in Uruguay, and information about its host plant and biology. Biodiversity Data Journal, 2016, 4, e7538.	0.8	1