

Dirk Ahrens

List of Publications by Year in descending order

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Version: 2024-02-01

98
papers

2,957
citations

361045

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h-index

189595

50
g-index

99
all docs

99
docs citations

99
times ranked

2609
citing authors

#	ARTICLE	IF	CITATIONS
1	Image-Based Automated Species Identification: Can Virtual Data Augmentation Overcome Problems of Insufficient Sampling?. <i>Systematic Biology</i> , 2022, 71, 320-333.	2.7	8
2	Comparative analysis of morphospace of Neotropical Sericini (Coleoptera: Scarabaeidae): disparity in the light of species diversity and activity patterns. <i>Organisms Diversity and Evolution</i> , 2022, 22, 177-188.	0.7	4
3	Does monitoring of saproxylic beetles benefit from inclusion of larvae?. <i>Insect Conservation and Diversity</i> , 2022, 15, 555-571.	1.4	3
4	The genus <i>Raysymmela</i> Saylor, 1947 (Coleoptera, Scarabaeidae, Melolonthinae, Sericini): taxonomy and phylogenetic analysis. <i>Insect Systematics and Evolution</i> , 2022, 53, 400-441.	0.2	3
5	<i>Neoserica</i> (s. str.) <i>phuphami</i> a further new <i>Neoserica</i> species from Vietnam with highly modified pronotum (Coleoptera: Scarabaeidae: Melolonthinae: Sericini). <i>Zootaxa</i> , 2022, 5104, 441-444.	0.2	2
6	First non-feeding Sericini beetles (Coleoptera, Scarabaeidae): new genus from Amazonia and phylogenetic position. <i>Organisms Diversity and Evolution</i> , 2022, 22, 733-748.	0.7	4
7	Multiple species delimitation approaches with <i>COI</i> barcodes poorly fit each other and morphospecies – An integrative taxonomy case of Sri Lankan Sericini chafers (Coleoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 22	0.2	10
8	The genus <i>Symmela</i> Erichson, 1835 (Coleoptera, Scarabaeidae, Sericini): taxonomy and phylogenetic analysis. <i>Journal of Natural History</i> , 2022, 56, 607-705.	0.2	2
9	New <i>Gynaecoserica</i> Brenske, 1897 species and further new bicolored species of the <i>Neoserica calva</i> group (Coleoptera: Scarabaeidae: Melolonthinae: Sericini). <i>Zootaxa</i> , 2022, 5165, 180-190.	0.2	2
10	A monograph of the genus <i>Maladera</i> Mulsant & Rey, 1871 of China (Coleoptera: Scarabaeidae:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22	0.2	10
11	New species and records of Sericini from India (Coleoptera: Scarabaeidae:) Tj ETQq1 1 0.784314 rgBT /Overlock_10 Tf 50 22	0.2	5
12	Excluding spatial sampling bias does not eliminate oversplitting in DNA-based species delimitation analyses. <i>Ecology and Evolution</i> , 2021, 11, 10327-10337.	0.8	8
13	New species of the genus <i>Gynaecoserica</i> Brenske, 1896 from Indochina (Coleoptera: Scarabaeidae:) Tj ETQq1 1 0.784314 rgBT /Overlock_10 Tf 50 22	0.2	1
14	Taxonomic review on the <i>Trioserica</i> Moser, 1922 species of China (Coleoptera: Scarabaeidae:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22	0.2	2
15	Is it time to describe new species without diagnoses? A comment on Sharkey et al. (2021). <i>Zootaxa</i> , 2021, 5027, 151-159.	0.2	24
16	Additions to the <i>Neoserica calva</i> group from continental South East Asia (Coleoptera: Scarabaeidae:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22	0.2	2
17	An overview on the genus <i>Amiserica</i> Nomura, 1974 (Coleoptera: Scarabaeidae: Melolonthinae: Sericini). <i>Zootaxa</i> , 2021, 5050, 1-63.	0.2	4
18	New species and records of Sericini of India (Coleoptera: Scarabaeidae: Melolonthinae) II.. <i>Zootaxa</i> , 2021, 5081, 594-600.	0.2	2

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19	Image-based species identification of wild bees using convolutional neural networks. <i>Ecological Informatics</i> , 2020, 55, 101017.	2.3	37
20	Morphology of mouthparts poorly resolves the phylogeny of Sericini chafers (Coleoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td	0.4	3
21	Combined molecular and morphological data provide insights into the evolution and classification of Chilcorini ladybirds (Coleoptera: Coccinellidae). <i>Systematic Entomology</i> , 2020, 45, 447-463.	1.7	10
22	New species of the <i>Microserica lineata</i> group from Laos and Thailand (Coleoptera: Scarabaeidae: Melolonthinae: Sericini) . <i>Zootaxa</i> , 2020, 4859, 263-274.	0.2	2
23	Comparative morphology of antennal surface structures in pleurostict scarab beetles (Coleoptera). <i>Zoomorphology</i> , 2020, 139, 327-346.	0.4	14
24	A molecular phylogeny of Glaphyridae (Coleoptera: Scarabaeoidea): evolution of pollination and association with "Poppy guild" flowers. <i>Systematic Entomology</i> , 2020, 45, 838-848.	1.7	10
25	<i>Maladera rugosa</i> (Blanchard, 1850) new combination" a valid species and senior synonym of <i>Maladera graeca</i> Petrovitz, 1969 (Coleoptera: Scarabaeidae: Melolonthinae: Sericini). <i>Zootaxa</i> , 2020, 4759, zootaxa.4759.3.12.	0.2	1
26	A Plea for Standardized Nuclear Markers in Metazoan DNA Taxonomy. <i>Trends in Ecology and Evolution</i> , 2020, 35, 336-345.	4.2	53
27	Two new species of the <i>Neoserica</i> (sensu stricto) group from China (Coleoptera: Scarabaeidae: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 702 Td	0.2	2
28	Notes on the taxonomy of some "Astaena" species described by Burmeister (Coleoptera: Scarabaeidae: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td	0.2	4
29	On the phylogenetic position and systematics of extant and fossil Aclopinae (Coleoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 702 Td	1.7	10
30	Unexpected diversity of <i>Hybosericia</i> chafers in South African forest remnants: cladistic analysis, new species and the new genus <i>Leoserica</i> (Coleoptera: Scarabaeidae: Melolonthinae). <i>Zoological Journal of the Linnean Society</i> , 2019, 186, 950-982.	1.0	5
31	COI-based species delimitation in Indochinese <i>Tetraserica</i> chafers reveal hybridisation despite strong divergence in male copulation organs. <i>Organisms Diversity and Evolution</i> , 2019, 19, 277-286.	0.7	7
32	A molecular phylogeny of chafers revisits the polyphyly of Tanyproctini (Scarabaeidae, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td (Me	0.7	12
33	A new species of the <i>Neoserica</i> (sensu lato) <i>vulpes</i> group from China, with a corrigendum on <i>Neoserica ailaoshanica</i> Liu, Fabrizi, Bai, Yang Ahrens, 2014 (Coleoptera: Scarabaeidae: Sericini). <i>Journal of Natural History</i> , 2019, 53, 2991-2997.	0.2	4
34	The evolution and genomic basis of beetle diversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 24729-24737.	3.3	372
35	Sex-Biased Dispersal Obscures Species Boundaries in Integrative Species Delimitation Approaches. <i>Systematic Biology</i> , 2019, 68, 441-459.	2.7	21
36	A monograph on the genus <i>Tetraserica</i> from the Indochinese region (Coleoptera, Scarabaeidae, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	0.5	3

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37	Small-scale topography modulates elevational $\hat{1}$ ±-, $\hat{1}$ ²- and $\hat{1}$ ³-diversity of Andean leaf beetles. <i>Oecologia</i> , 2018, 187, 181-189.	0.9	9
38	A new species of <i>Maladera</i> Mulsant & Rey, 1871 from Iran (Coleoptera: Scarabaeidae: Sericini) and a review of the distribution of the genus in Iran. <i>Zoology in the Middle East</i> , 2018, 64, 322-328.	0.2	1
39	Phylogeography and DNA-based species delimitation provide insight into the taxonomy of the polymorphic rose chafer <i>Protaetia</i> (<i>Potosia</i>) <i>cuprea</i> species complex (Coleoptera: Scarabaeidae: Tj ETQq1 1 0.784314 rgBT /Overlock	0.5	10
40	New species and records of Sericini scarab beetles from the Indian subcontinent (Coleoptera,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	0.5	8
41	A historical biogeography of megadiverse Sericiniâ€”another story â€œout of Africaâ€?. <i>Cladistics</i> , 2017, 33, 183-197.	1.5	35
42	Landscape genetics indicate recently increased habitat fragmentation in African forestâ€”associated chafers. <i>Global Change Biology</i> , 2017, 23, 1988-2004.	4.2	8
43	Using taxonomic consistency with semiâ€”automated data preâ€”processing for high quality DNA barcodes. <i>Methods in Ecology and Evolution</i> , 2017, 8, 1878-1887.	2.2	36
44	<i>Renius cornutus</i> , a new genus and species of Chilacorini from Tibet, China (Coleoptera,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td (C	0.5	4
45	New species of <i>Nipponoserica</i> and <i>Paraserica</i> from China (Coleoptera, Scarabaeidae, Sericini). <i>ZooKeys</i> , 2017, 721, 65-91.	0.5	4
46	Exploring the Leaf Beetle Fauna (Coleoptera: Chrysomelidae) of an Ecuadorian Mountain Forest Using DNA Barcoding. <i>PLoS ONE</i> , 2016, 11, e0148268.	1.1	19
47	A molecular phylogeny of rose chafers (Coleoptera: Scarabaeidae: Cetoniinae) reveals a complex and concerted morphological evolution related to their flight mode. <i>Molecular Phylogenetics and Evolution</i> , 2016, 101, 163-175.	1.2	31
48	A new species of <i>Maladera</i> from Jordan (Coleoptera: Scarabaeidae: Sericini). <i>Zoology in the Middle East</i> , 2016, 62, 347-351.	0.2	0
49	Family-Level Sampling of Mitochondrial Genomes in Coleoptera: Compositional Heterogeneity and Phylogenetics. <i>Genome Biology and Evolution</i> , 2016, 8, 161-175.	1.1	157
50	Bayesian species delimitation in <i>Pleophylla</i> chafers (Coleoptera) â€” the importance of prior choice and morphology. <i>BMC Evolutionary Biology</i> , 2016, 16, 94.	3.2	29
51	Rarity and Incomplete Sampling in DNA-Based Species Delimitation. <i>Systematic Biology</i> , 2016, 65, 478-494.	2.7	138
52	A taxonomic revision of <i>Neoserica</i> (sensu lato): the species groups <i>N. lubrica</i> , <i>N. obscura</i> , and <i>N. silvestris</i> (Coleoptera, Scarabaeidae, Sericini). <i>ZooKeys</i> , 2016, 635, 123-160.	0.5	9
53	Taxonomic utility of female copulation organs in Sericini chafers (Coleoptera, Scarabaeidae), with special reference to asymmetry. <i>Contributions To Zoology</i> , 2015, 84, 167-178.	0.2	12
54	A phylogeny of Sericini with particular reference to Chinese species using mitochondrial and ribosomal DNA (Coleoptera: Scarabaeidae). <i>Organisms Diversity and Evolution</i> , 2015, 15, 343-350.	0.7	20

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55	A revision of the species of the <i>Neoserica</i> (<i>sensu lato</i>) <i>vulpes</i> group (Coleoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	0.2	7
56	Asymmetry in genitalia does not increase the rate of their evolution. Molecular Phylogenetics and Evolution, 2015, 93, 180-187.	1.2	7
57	New species and records of the <i>Neoserica</i> (<i>sensu stricto</i>) group (Coleoptera: Scarabaeidae: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	0.2	11
58	An update to the taxonomy of the genus <i>Gastroserica</i> Brenske (Coleoptera, Scarabaeidae, Sericini). ZooKeys, 2014, 426, 87-110.	0.5	6
59	A taxonomic revision of the <i>Neoserica</i> (<i>sensu lato</i>) <i>pilosula</i> group (Coleoptera, Scarabaeidae, Sericini). ZooKeys, 2014, 440, 89-113.	0.5	10
60	A taxonomic review of the <i>Neoserica</i> (<i>sensu lato</i>) <i>septemlamellata</i> group (Coleoptera, Scarabaeidae, Sericini). ZooKeys, 2014, 402, 67-102.	0.5	12
61	A taxonomic review of the <i>Neoserica</i> (<i>sensu lato</i>) <i>abnormis</i> group (Coleoptera, Scarabaeidae, Sericini). ZooKeys, 2014, 439, 27-82.	0.5	12
62	A taxonomic revision of the <i>Neoserica</i> (<i>sensu lato</i>) <i>calva</i> group (Coleoptera, Scarabaeidae, Sericini). ZooKeys, 2014, 448, 47-81.	0.5	9
63	Building the Coleoptera tree of life for >8000 species: composition of public DNA data and fit with Linnaean classification. Systematic Entomology, 2014, 39, 97-110.	1.7	195
64	The evolution of scarab beetles tracks the sequential rise of angiosperms and mammals. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20141470.	1.2	131
65	The Evolution of Morphospace in Phytophagous Scarab Chafers: No Competition - No Divergence?. PLoS ONE, 2014, 9, e98536.	1.1	23
66	A taxonomic review on the species of <i>Tetraserica</i> Ahrens, 2004, of China (Coleoptera, Scarabaeidae.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.5	12
67	Integration of cytochrome <i>c</i> oxidase I barcodes and geometric morphometrics to delimit species in the genus <i>Gnopharmia</i> (Lepidoptera: Geometridae, Ennominae). Zoological Journal of the Linnean Society, 2013, 169, 70-83.	1.0	9
68	Integrative analysis of DNA phylogeography and morphology of the European rose chafer (<i>Cetonia</i>) Phylogenetics and Evolution, 2013, 69, 83-94.	1.2	22
69	Exploring diversity in cryptorhynchine weevils (Coleoptera) using distance-, character- and tree-based species delineation. Molecular Phylogenetics and Evolution, 2012, 63, 1-14.	1.2	57
70	New fossil evidence of the early diversification of scarabs: <i>Alloioscarabaeus cheni</i> (Coleoptera: Scarabaeoidea) from the Middle Jurassic of Inner Mongolia, China. Insect Science, 2012, 19, 159-171.	1.5	28
71	Inferring larval taxonomy and morphology in <i>Maladera</i> species (Coleoptera: Scarabaeidae: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	1.7	17
72	The phylogeny of monkey beetles based on mitochondrial and ribosomal RNA genes (Coleoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.2	36

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73	A key to species of the genus <i>Gastroserica</i> Brenske of the China (Coleoptera, Scarabaeidae, Sericini), with the description of two new species and two new records for China. <i>ZooKeys</i> , 2011, 139, 23-44.	0.5	6
74	<i>Onthophagus</i> (<i>Palaeonthophagus</i>) <i>medius</i> (Kugelann, 1792) – a good western palaeartic species in the <i>Onthophagus vacca</i> complex (Coleoptera: Scarabaeidae: Scarabaeinae: Onthophagini). <i>Zootaxa</i> , 2010, 2629, .	0.2	17
75	Inferring speciation modes in a clade of Iberian chafers from rates of morphological evolution in different character systems. <i>BMC Evolutionary Biology</i> , 2009, 9, 234.	3.2	11
76	Seasonal fluctuation, phenology and turnover of chafer assemblages – insight to the structural plasticity of insect communities in tropical farmlands. <i>Agricultural and Forest Entomology</i> , 2009, 11, 265-274.	0.7	6
77	A review of the genus <i>Gynaecoserica</i> Brenske, 1896 (Coleoptera, Scarabaeidae, Sericini). <i>Journal of Natural History</i> , 2009, 43, 1505-1584.	0.2	5
78	A cladistic analysis reveals an eastern Tibetan occurrence of <i>Taiwanoserica</i> (Coleoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542	0.4	4
79	Towards the phylogeny of chafers (Sericini): Analysis of alignment-variable sequences and the evolution of segment numbers in the antennal club. <i>Molecular Phylogenetics and Evolution</i> , 2008, 47, 783-798.	1.2	57
80	<i>Maladera affinis</i> (Blanchard, 1850) comb. n. (Coleoptera, Scarabaeoidea, Sericini), an oriental faunal element in the Malagasy region. <i>Mitteilungen Aus Dem Museum Fur Naturkunde in Berlin - Deutsche Entomologische Zeitschrift</i> , 2008, 50, 133-142.	0.3	5
81	A Comprehensive Phylogeny of Beetles Reveals the Evolutionary Origins of a Superradiation. <i>Science</i> , 2007, 318, 1913-1916.	6.0	729
82	Taxonomic changes and an updated catalogue for the Palearctic Sericini (Coleoptera: Scarabaeidae: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 19	0.2	19
83	DNA-based taxonomy for associating adults and larvae in multi-species assemblages of chafers (Coleoptera: Scarabaeidae). <i>Molecular Phylogenetics and Evolution</i> , 2007, 44, 436-449.	1.2	137
84	Beetle evolution in the Asian highlands: insight from a phylogeny of the scarabaeid subgenus <i>Serica</i> (Coleoptera, Scarabaeidae). <i>Systematic Entomology</i> , 2007, 32, 450-476.	1.7	11
85	Type species designations of Afrotropical Ablaberini and Sericini genera (Coleoptera: Scarabaeidae: Tj ETQq1 1 0.784314 rgBT /Overl	0.2	5
86	Cladistic analysis of <i>Sericania</i> (Coleoptera: Scarabaeidae: Sericini) - implications for the evolution of the xerophilous fauna of the Himalaya. <i>European Journal of Entomology</i> , 2007, 104, 517-530.	1.2	3
87	Cladistic analysis of <i>Maladera</i> (<i>Omaladera</i>): Implications on taxonomy, evolution and biogeography of the Himalayan species (Coleoptera: Scarabaeidae: Sericini). <i>Organisms Diversity and Evolution</i> , 2006, 6, 1-16.	0.7	20
88	Evolution of Asian –lowland– taxa in relation to the Alpine –Himalayan Tertiary orogenic belt – Insight from a cladistic analysis of <i>Maladera</i> (<i>Cycloserica</i>) (Coleoptera: Scarabaeidae: Sericini). <i>Zoologischer Anzeiger</i> , 2006, 244, 193-203.	0.4	3
89	Phylogenetic analysis of <i>Anomalophylla</i> Reitter, 1887 (Coleoptera, Scarabaeidae: Sericini). <i>Insect Systematics and Evolution</i> , 2006, 37, 1-16.	0.2	4
90	<p class="Body" align="left">Taxonomic revision of the genus <i>Anomalophylla</i> Reitter, 1887 (Coleoptera: Scarabaeidae: Melolonthinae: Sericini). <i>Zootaxa</i> , 2005, 1076, 1-62.	0.2	6

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91	Diversification of the endemic Himalayan monsoon-season beetle genus <i>Calloserica</i> inferred from a cladistic analysis (Coleoptera:Scarabaeidae:Sericini). <i>Invertebrate Systematics</i> , 2005, 19, 217.	0.5	5
92	The phylogeny of Sericini and their position within the Scarabaeidae based on morphological characters (Coleoptera: Scarabaeidae). <i>Systematic Entomology</i> , 2005, 31, 113-144.	1.7	63
93	A preliminary cladistic analysis of <i>Nipponoserica</i> , with implications for phylogenetic relationships among sericine chafers (Coleoptera: Scarabaeidae: Sericini). <i>Systematics and Biodiversity</i> , 2005, 3, 265-279.	0.5	4
94	The identity of <i>Maladera infuscata</i> (Moser, 1915), with description of a new species from Taiwan (Coleoptera: Scarabaeidae: Sericini). <i>Zootaxa</i> , 2003, 392, 1.	0.2	4
95	New data on the distribution of species of <i>Gastroserica</i> Brenske, 1897, with descriptions of five new taxa from China and Laos (Coleoptera: Scarabaeidae: Sericini). <i>Zootaxa</i> , 2003, 342, .	0.2	6
96	Zur IdentitÄt der aus Madagaskar beschriebenen <i>Autoserica stupida</i> Brenske, 1900 (Coleoptera:) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 5	0.1	4
97	Revision of type specimens of <i>Astaena</i> (Coleoptera: Scarabaeidae: Melolonthinae: Sericini) described by L.W. Saylor. <i>European Journal of Taxonomy</i> , 0, 750, 94-123.	0.6	6
98	New species of Sericini from Sri Lanka (Coleoptera, Scarabaeidae). Part II. <i>European Journal of Taxonomy</i> , 0, 821, .	0.6	3