

# Dirk Ahrens

## List of Publications by Year in descending order

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98  
papers

2,957  
citations

361045

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189595

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docs citations

99  
times ranked

2609  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Comprehensive Phylogeny of Beetles Reveals the Evolutionary Origins of a Superradiation. <i>Science</i> , 2007, 318, 1913-1916.	6.0	729
2	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
3	Building the Coleoptera tree of life for >8000 species: composition of public DNA data and fit with Linnaean classification. <i>Systematic Entomology</i> , 2014, 39, 97-110.	1.7	195
4	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
5	Rarity and Incomplete Sampling in DNA-Based Species Delimitation. <i>Systematic Biology</i> , 2016, 65, 478-494.	2.7	138
6	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
7	The evolution of scarab beetles tracks the sequential rise of angiosperms and mammals. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20141470.	1.2	131
8	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
9	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
10	Exploring diversity in cryptorhynchine weevils (Coleoptera) using distance-, character- and tree-based species delineation. <i>Molecular Phylogenetics and Evolution</i> , 2012, 63, 1-14.	1.2	57
11	A Plea for Standardized Nuclear Markers in Metazoan DNA Taxonomy. <i>Trends in Ecology and Evolution</i> , 2020, 35, 336-345.	4.2	53
12	Image-based species identification of wild bees using convolutional neural networks. <i>Ecological Informatics</i> , 2020, 55, 101017.	2.3	37
13	The phylogeny of monkey beetles based on mitochondrial and ribosomal RNA genes (Coleoptera: Tj ETQq1 1 0.784314 rgBT/Overlo	1.2	36
14	Using taxonomic consistency with semi-automated data preprocessing for high quality DNA barcodes. <i>Methods in Ecology and Evolution</i> , 2017, 8, 1878-1887.	2.2	36
15	A historical biogeography of megadiverse Sericini: another story out of Africa?. <i>Cladistics</i> , 2017, 33, 183-197.	1.5	35
16	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
17	Bayesian species delimitation in Pleophylla chafers (Coleoptera) – the importance of prior choice and morphology. <i>BMC Evolutionary Biology</i> , 2016, 16, 94.	3.2	29
18	New fossil evidence of the early diversification of scarabs: <i>Alloioscarabaeus cheni</i> (Coleoptera: Scarabaeoidea) from the Middle Jurassic of Inner Mongolia, China. <i>Insect Science</i> , 2012, 19, 159-171.	1.5	28

#	ARTICLE	IF	CITATIONS
19	Is it time to describe new species without diagnoses?â€”A comment on Sharkey et al. (2021). <i>Zootaxa</i> , 2021, 5027, 151-159.	0.2	24
20	The Evolution of Morphospace in Phytophagous Scarab Chafers: No Competition - No Divergence?. <i>PLoS ONE</i> , 2014, 9, e98536.	1.1	23
21	Integrative analysis of DNA phylogeography and morphology of the European rose chafer ( <i>Cetonia</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 1.2 Tf 50 142 Td (Me	1.2	22
22	Sex-Biased Dispersal Obscures Species Boundaries in Integrative Species Delimitation Approaches. <i>Systematic Biology</i> , 2019, 68, 441-459.	2.7	21
23	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
24	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
25	Taxonomic changes and an updated catalogue for the Palearctic Sericini (Coleoptera: Scarabaeidae:) Tj ETQq1 1 0.784314 rgBT /Overlock 0.2 Tf 50 142 Td (Me	0.2	19
26	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
27	Inferring larval taxonomy and morphology in <i>Maladera</i> species (Coleoptera: Scarabaeidae:) Tj ETQq1 1 0.784314 rgBT /Overlock 1.7 Tf 50 142 Td (Me	1.7	17
28	<i>Onthophagus</i> ( <i>Palaeonthophagus</i> ) <i>medius</i> (Kugelann, 1792)â€”a good western palaeartic species in the <i>Onthophagus vacca</i> complex (Coleoptera: Scarabaeidae: Scarabaeinae: Onthophagini). <i>Zootaxa</i> , 2010, 2629, .	0.2	17
29	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 1.0 Tf 50 142 Td (Me	1.0	16
30	Comparative morphology of antennal surface structures in pleurostict scarab beetles (Coleoptera). <i>Zoomorphology</i> , 2020, 139, 327-346.	0.4	14
31	A taxonomic review of the <i>Neoserica</i> ( <i>sensu lato</i> ) <i>septemlamellata</i> group (Coleoptera, Scarabaeidae, Sericini). <i>ZooKeys</i> , 2014, 402, 67-102.	0.5	12
32	A taxonomic review of the <i>Neoserica</i> ( <i>sensu lato</i> ) <i>abnormis</i> group (Coleoptera, Scarabaeidae, Sericini). <i>ZooKeys</i> , 2014, 439, 27-82.	0.5	12
33	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
34	A molecular phylogeny of chafers revisits the polyphyly of Tanyproctini (Scarabaeidae,) Tj ETQq0 0 0 rgBT /Overlock 0.7 Tf 50 142 Td (Me	0.7	12
35	A taxonomic review on the species of <i>Tetraserica</i> Ahrens, 2004, of China (Coleoptera, Scarabaeidae,) Tj ETQq1 1 0.784314 rgBT /Overlock 0.5 Tf 50 142 Td (Me	0.5	12
36	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

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37	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
38	New species and records of the <i>Neoserica</i> (sensu stricto) group (Coleoptera: Scarabaeidae). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	0.2	11
39	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). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50</i>	0.2	11
40	A taxonomic revision of the <i>Neoserica</i> (sensu lato) pilosula group (Coleoptera, Scarabaeidae, Sericini). <i>ZooKeys</i> , 2014, 440, 89-113.	0.5	10
41	On the phylogenetic position and systematics of extant and fossil Aclopininae (Coleoptera). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50</i>	1.7	10
42	Combined molecular and morphological data provide insights into the evolution and classification of Chilicorini ladybirds (Coleoptera: Coccinellidae). <i>Systematic Entomology</i> , 2020, 45, 447-463.	1.7	10
43	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
44	A monograph of the genus <i>Maladera</i> Mulsant &amp; Rey, 1871 of China (Coleoptera: Scarabaeidae). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	0.2	10
45	Integration of cytochrome <i>c</i> oxidase I barcodes and geometric morphometrics to delimit species in the genus <i>Gnopharmia</i> (Lepidoptera: Geometridae, Ennominae). <i>Zoological Journal of the Linnean Society</i> , 2013, 169, 70-83.	1.0	9
46	A taxonomic revision of the <i>Neoserica</i> (sensu lato) calva group (Coleoptera, Scarabaeidae, Sericini). <i>ZooKeys</i> , 2014, 448, 47-81.	0.5	9
47	Small-scale topography modulates elevational $\hat{\alpha}_1$ , $\hat{\alpha}_2$ - and $\hat{\alpha}_3$ -diversity of Andean leaf beetles. <i>Oecologia</i> , 2018, 187, 181-189.	0.9	9
48	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
49	A revision of the species of the <i>Neoserica</i> ( <i>sensu lato</i> ) <i>vulpes</i> group (Coleoptera). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50</i>	0.2	8
50	Landscape genetics indicate recently increased habitat fragmentation in African forest-associated chafers. <i>Global Change Biology</i> , 2017, 23, 1988-2004.	4.2	8
51	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
52	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
53	New species and records of Sericini scarab beetles from the Indian subcontinent (Coleoptera). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50</i>	0.5	8
54	Asymmetry in genitalia does not increase the rate of their evolution. <i>Molecular Phylogenetics and Evolution</i> , 2015, 93, 180-187.	1.2	7

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55	COI-based species delimitation in Indochinese Tetraserica chafers reveal hybridisation despite strong divergence in male copulation organs. <i>Organisms Diversity and Evolution</i> , 2019, 19, 277-286.	0.7	7
56	&lt;p class="Body" align="left"&gt;Taxonomic revision of the genus <i>Anomalophylla</i> Reitter, 1887 (Coleoptera: Scarabaeidae: Melolonthinae: Sericini). <i>Zootaxa</i> , 2005, 1076, 1-62.	0.2	6
57	Seasonal fluctuation, phenology and turnover of chafer assemblages â€“ insight to the structural plasticity of insect communities in tropical farmlands. <i>Agricultural and Forest Entomology</i> , 2009, 11, 265-274.	0.7	6
58	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
59	An update to the taxonomy of the genus <i>Gastroserica</i> Brenske (Coleoptera, Scarabaeidae, Sericini). <i>ZooKeys</i> , 2014, 426, 87-110.	0.5	6
60	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
61	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
62	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
63	<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
64	A review of the genus <i>Gynaecosserica</i> Brenske, 1896 (Coleoptera, Scarabaeidae, Sericini). <i>Journal of Natural History</i> , 2009, 43, 1505-1584.	0.2	5
65	Unexpected diversity of <i>Hybosserica</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
66	<p><strong>New species and records of Sericini from India (Coleoptera: Scarabaeidae:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50,302 Td (M	0.2	5
67	Type species designations of Afrotropical <i>Ablaberini</i> and <i>Sericini</i> genera (Coleoptera: Scarabaeidae:) Tj ETQq1 1 0.784314 rgBT /Overl	0,2	5
68	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
69	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
70	Phylogenetic analysis of <i>Anomalophylla</i> Reitter, 1887 (Coleoptera, Scarabaeidae: Sericini). <i>Insect Systematics and Evolution</i> , 2006, 37, 1-16.	0.2	4
71	A cladistic analysis reveals an eastern Tibetan occurrence of <i>Taiwanoserica</i> (Coleoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	0,4	4
72	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

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73	Renius cornutus, a new genus and species of Chilocorini from Tibet, China (Coleoptera, Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 7	0.5	4
74	An overview on the genus Amiserica Nomura, 1974 (Coleoptera: Scarabaeidae: Melolonthinae: Sericini). Zootaxa, 2021, 5050, 1-63.	0.2	4
75	Zur IdentitÄt der aus Madagaskar beschriebenen Autoserica stupida Brenske, 1900 (Coleoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 1	0.1	4
76	New species of Nipponoserica and Paraserica from China (Coleoptera, Scarabaeidae, Sericini). ZooKeys, 2017, 721, 65-91.	0.5	4
77	Comparative analysis of morphospace of Neotropical Sericini (Coleoptera: Scarabaeidae): disparity in the light of species diversity and activity patterns. Organisms Diversity and Evolution, 2022, 22, 177-188.	0.7	4
78	Notes on the taxonomy of some "Astaena" species described by Burmeister (Coleoptera: Scarabaeidae:) Tj ETQq0 0 0 rgBT /Overlock 4	0.2	4
79	First non-feeding Sericini beetles (Coleoptera, Scarabaeidae): new genus from Amazonia and phylogenetic position. Organisms Diversity and Evolution, 2022, 22, 733-748.	0.7	4
80	Evolution of Asian "lowland" taxa in relation to the Alpine "Himalayan Tertiary orogenic belt " Insight from a cladistic analysis of Maladera (Cycloserica) (Coleoptera: Scarabaeidae: Sericini). Zoologischer Anzeiger, 2006, 244, 193-203.	0.4	3
81	Morphology of mouthparts poorly resolves the phylogeny of Sericini chafers (Coleoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	0.4	3
82	Cladistic analysis of Sericania (Coleoptera: Scarabaeidae: Sericini) - implications for the evolution of the xerophilous fauna of the Himalaya. European Journal of Entomology, 2007, 104, 517-530.	1.2	3
83	A monograph on the genus Tetraserica from the Indochinese region (Coleoptera, Scarabaeidae,) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.5	3
84	Does monitoring of saproxylic beetles benefit from inclusion of larvae?. Insect Conservation and Diversity, 2022, 15, 555-571.	1.4	3
85	The genus Raysymmela Saylor, 1947 (Coleoptera, Scarabaeidae, Melolonthinae, Sericini): taxonomy and phylogenetic analysis. Insect Systematics and Evolution, 2022, 53, 400-441.	0.2	3
86	New species of Sericini from Sri Lanka (Coleoptera, Scarabaeidae). Part II. European Journal of Taxonomy, 0, 821, .	0.6	3
87	<strong>New species of the <em>Microserica</em> <em>lineata</em> group from Laos and Thailand (Coleoptera: Scarabaeidae: Melolonthinae: Sericini)</strong>. Zootaxa, 2020, 4859, 263-274.	0.2	2
88	Taxonomic review on the Trioserica Moser, 1922 species of China (Coleoptera: Scarabaeidae:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142	0.2	2
89	Additions to the Neoserica calva group from continental South East Asia (Coleoptera: Scarabaeidae:) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.2	2
90	Two new species of the Neoserica (sensu stricto) group from China (Coleoptera: Scarabaeidae:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	0.2	2

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91	Neoserica (s. str.) phuphami—a further new Neoserica species from Vietnam with highly modified pronotum (Coleoptera: Scarabaeidae: Melolonthinae: Sericini). Zootaxa, 2022, 5104, 441-444.	0.2	2
92	New species and records of Sericini of India (Coleoptera: Scarabaeidae: Melolonthinae) II.. Zootaxa, 2021, 5081, 594-600.	0.2	2
93	The genus <i>Symmela</i> Erichson, 1835 (Coleoptera, Scarabaeidae, Sericini): taxonomy and phylogenetic analysis. Journal of Natural History, 2022, 56, 607-705.	0.2	2
94	New Gynaecoserica Brenske, 1897 species and further new bicolored species of the Neoserica calva group (Coleoptera: Scarabaeidae: Melolonthinae: Sericini). Zootaxa, 2022, 5165, 180-190.	0.2	2
95	A new species of Maladera Mulsant & Rey, 1871 from Iran (Coleoptera: Scarabaeidae: Sericini) and a review of the distribution of the genus in Iran. Zoology in the Middle East, 2018, 64, 322-328.	0.2	1
96	Maladera rugosa (Blanchard, 1850) new combination—a valid species and senior synonym of Maladera graeca Petrovitz, 1969 (Coleoptera: Scarabaeidae: Melolonthinae: Sericini). Zootaxa, 2020, 4759, zootaxa.4759.3.12.	0.2	1
97	New species of the genus Gynaecoserica Brenske, 1896 from Indochina (Coleoptera: Scarabaeidae: Sericini). Zootaxa, 2021, 5081, 594-600.	0.2	1
98	A new species of Maladera from Jordan (Coleoptera: Scarabaeidae: Sericini). Zoology in the Middle East, 2016, 62, 347-351.	0.2	0