

Axel Hausmann

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2566491/publications.pdf>

Version: 2024-02-01

73
papers

2,823
citations

257450

24
h-index

189892

50
g-index

77
all docs

77
docs citations

77
times ranked

2701
citing authors

#	ARTICLE	IF	CITATIONS
1	Order Lepidoptera Linnaeus, 1758. In: Zhang, Z.-Q. (Ed.) Animal biodiversity: An outline of higher-level classification and survey of taxonomic richness. Zootaxa, 2011, 3148, .	0.5	398
2	Integration of DNA barcoding into an ongoing inventory of complex tropical biodiversity. Molecular Ecology Resources, 2009, 9, 1-26.	4.8	305
3	A comprehensive <scp>DNA</scp> barcode database for Central European beetles with a focus on Germany: adding more than 3500 identified species to BOLD. Molecular Ecology Resources, 2015, 15, 795-818.	4.8	198
4	Species-Level Para- and Polyphyly in DNA Barcode Gene Trees: Strong Operational Bias in European Lepidoptera. Systematic Biology, 2016, 65, 1024-1040.	5.6	160
5	DNA Barcoding the Geometrid Fauna of Bavaria (Lepidoptera): Successes, Surprises, and Questions. PLoS ONE, 2011, 6, e17134.	2.5	153
6	Genetic Patterns in European Geometrid Moths Revealed by the Barcode Index Number (BIN) System. PLoS ONE, 2013, 8, e84518.	2.5	125
7	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
8	Advancing taxonomy and bioinventories with DNA barcodes. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150339.	4.0	91
9	Comprehensive Molecular Sampling Yields a Robust Phylogeny for Geometrid Moths (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 100	2.5	88
10	Testing the Global Malaise Trap Program â€“ How well does the current barcode reference library identify flying insects in Germany?. Biodiversity Data Journal, 2016, 4, e10671.	0.8	82
11	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
12	A <scp>DNA</scp> barcode library for Germanyâ€™s mayflies, stoneflies and caddisflies (Ephemeroptera,) Tj ETQq0,0,0 rgBT /Overlock 100	4.8	67
13	Control of Aedes albopictus with attractive toxic sugar baits (ATSB) and potential impact on non-target organisms in St. Augustine, Florida. Parasitology Research, 2014, 113, 73-79.	1.6	63
14	Evaluation of attractive toxic sugar bait (ATSB)â€™Barrier for control of vector and nuisance mosquitoes and its effect on non-target organisms in sub-tropical environments in Florida. Acta Tropica, 2014, 131, 104-110.	2.0	61
15	Revision of the Australian Oenochroma vinaria GuenÃ©e, 1858 species-complex (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 100 specimen without dissection. Zootaxa, 2009, 2239, 1-21.	0.5	60
16	A procedure for combined genitalia dissection and DNA extraction in Lepidoptera. Insect Systematics and Evolution, 2004, 35, 401-409.	0.7	57
17	A comprehensive molecular phylogeny of Geometridae (Lepidoptera) with a focus on enigmatic small subfamilies. PeerJ, 2019, 7, e7386.	2.0	49
18	The dark side of Lepidoptera: Colour lightness of geometrid moths decreases with increasing latitude. Global Ecology and Biogeography, 2018, 27, 407-416.	5.8	48

#	ARTICLE	IF	CITATIONS
19	Information Dropout Patterns in Restriction Site Associated DNA Phylogenomics and a Comparison with Multilocus Sanger Data in a Species-Rich Moth Genus. <i>Systematic Biology</i> , 2018, 67, 925-939.	5.6	46
20	Toward a standardized quantitative and qualitative insect monitoring scheme. <i>Ecology and Evolution</i> , 2020, 10, 4009-4020.	1.9	45
21	Calibrating the taxonomy of a megadiverse insect family: 3000 DNA barcodes from geometrid type specimens (Lepidoptera, Geometridae). <i>Genome</i> , 2016, 59, 671-684.	2.0	44
22	Australian Sphingidae â€“ DNA Barcodes Challenge Current Species Boundaries and Distributions. <i>PLoS ONE</i> , 2014, 9, e101108.	2.5	36
23	Barcoding Fauna Bavarica: 78% of the Neuropterida Fauna Barcoded!. <i>PLoS ONE</i> , 2014, 9, e109719.	2.5	35
24	Formulation of attractive toxic sugar bait (ATSB) with safe EPA-exempt substance significantly diminishes the <i>Anopheles sergentii</i> population in a desert oasis. <i>Acta Tropica</i> , 2015, 150, 29-34.	2.0	34
25	DNA metabarcoding for biodiversity monitoring in a national park: Screening for invasive and pest species. <i>Molecular Ecology Resources</i> , 2020, 20, 1542-1557.	4.8	33
26	<sc>DNA</sc> Barcoding in Forensic Entomology â€“ Establishing a <sc>DNA</sc> Reference Library of Potentially Forensic Relevant Arthropod Species,. <i>Journal of Forensic Sciences</i> , 2019, 64, 593-601.	1.6	25
27	Comparative molecular species delimitation in the charismatic Nawab butterflies (Nymphalidae,) Tj ETQq1 1 0.784314 rgBT /Overlock 2.7 22		
28	Close congruence between Barcode Index Numbers (bins) and species boundaries in the Erebidae (Lepidoptera: Noctuoidea) of the Iberian Peninsula. <i>Biodiversity Data Journal</i> , 2017, 5, e19840.	0.8	21
29	Large geographic distance versus small DNA barcode divergence: Insights from a comparison of European to South Siberian Lepidoptera. <i>PLoS ONE</i> , 2018, 13, e0206668.	2.5	18
30	A new expanded revision of the European high mountain <i>Sciadia tenebraria</i> species group (Lepidoptera:) Tj ETQq0 0 0 rgBT /Overlock 0.5 16		
31	Prey identification in nests of the potter wasp <i>Hypodynerus andeus</i> (Packard) (Hymenoptera, Vespidae,) Tj ETQq1 1 0.784314 rgBT /Overlock 0.4 14		
32	Coverage and quality of DNA barcode references for Central and Northern European Odonata. <i>PeerJ</i> , 2021, 9, e11192.	2.0	14
33	<p>Taxonomy 2.0: Sequencing of old type specimens supports the description of two new species of the Lasiocampa decolorata group from Morocco&(Lepidoptera,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 17		
34	A molecular phylogeny of the Palaearctic and Oriental members of the tribe Boarmiini (Lepidoptera :) Tj ETQq0 0 0 rgBT /Overlock 1.3 12		
35	Taxonomic decision as a compromise: <i>Acasis appensata</i> (Eversmann, 1832) in Central Italyâ€“a case of conflicting evidence between DNA barcode and morphology (Lepidoptera: Geometridae). <i>Zootaxa</i> , 2011, 3070, .	0.5	11
36	<p>The Geometrinae of Ethiopia II: Tribus Hemistolini, genus Prasinocyma
(Lepidoptera: Geometridae,) Tj ETQq0 0 0 rgBT /Overlock 0.5 10		

#	ARTICLE	IF	CITATIONS
37	<p>Taxonomic revision of the genus Nychiodes Lederer, 1853 (Geometridae:) Tj ETQq1 1 0.784314 rgBT /Overlock Zootaxa, 2020, 4812, 1-61.	0.5	10
38	Macaria mirthae: una nueva especie de Ennominae (Lepidoptera: Geometridae) de Chile. Neotropical Entomology, 2005, 34, 571-576.	1.2	10
39	A new species of Typhonoya Prozorov (Lepidoptera, Lasiocampidae, Lasiocampinae, Gastropachini) from the moist broadleaf forest of the Democratic Republic of the Congo. Zootaxa, 2021, 5067, 417-428.	0.5	10
40	<p class="HeadingRunIn">The geometrid moths of Ethiopia I: tribes Pseudoterpnini and Comibaenini (Lepidoptera: Geometridae, Geometrinae)</p>. Zootaxa, 2014, 3768, 460.	0.5	9
41	Nothocasis rosariae sp. n., a new sylvicolous, montane species from southern Europe (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 0.5 9	0.5	9
42	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
43	DNA barcoding of fogged caterpillars in Peru: A novel approach for unveiling host-plant relationships of tropical moths (Insecta, Lepidoptera). PLoS ONE, 2020, 15, e0224188.	2.5	8
44	An unexpected hotspot of moth biodiversity in Chilean northern Patagonia (Lepidoptera,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td (0.5	7
45	Species delimitation and evolutionary relationships among Phoebis New World sulphur butterflies (Lepidoptera, Pieridae, Coliadinae). Systematic Entomology, 2020, 45, 481-492.	3.9	7
46	ThePenaincisalia amatistaspecies-group (Lepidoptera: Lycaenidae, Eumaeini) in Colombia, insights frommtDNA barcodes and the description of a new species. Systematics and Biodiversity, 2016, 14, 171-183.	1.2	6
47	Stability in Lepidoptera names is not served by reversal to gender agreement: a response to Wiemers et al. (2018). Nota Lepidopterologica, 2019, 42, 101-111.	0.6	6
48	Redescription of the little-known geometrid moth <i>Perigune jordanaria</i> (Staudinger, 1901), with description of a new subspecies (Lepidoptera: Geometridae). Zoology in the Middle East, 2021, 67, 65-72.	0.6	5
49	A new species of Macaria Curtis (Lepidoptera: Geometridae: Ennominae) from the Andes of northern Chile. Revista Brasileira De Entomologia, 2020, 64, .	0.4	5
50	Revision of the Hylaea fasciaria (Linnaeus, 1758) species group in the western Palaearctic (Lepidoptera: Geometridae, Ennominae). Zootaxa, 2014, 3768, 469.	0.5	4
51	Revision of the genus Eueupithecia Prout, 1910 from Argentina (Lepidoptera, Geometridae, Sterrhinae). Zootaxa, 2016, 4138, 392.	0.5	4
52	Revision of the Orbania Herbulot, 1966 group of genera with description of two new genera, ten new species, and two new subspecies (Lepidoptera, Geometridae, Ennominae, Cassymini). ZooKeys, 2020, 929, 53-77.	1.1	4
53	Review of some species groups of the genus Oospila Warren, with descriptions of nine new species (Lepidoptera: Geometridae: Geometrinae). Zootaxa, 2018, 4497, 151.	0.5	3
54	Ptilophora variabilis Hartig, 1968, bona species, and description of Ptilophora nebrodensis sp. n. from Sicily (Lepidoptera, Notodontidae). Zootaxa, 2018, 4369, 237.	0.5	3

#	ARTICLE	IF	CITATIONS
55	Molecular species delimitation in the genus <i>Rhanna</i> Johnson, 1992 (Lepidoptera: Lycaenidae). <i>Tj ETQq1 1 0,784314 rgBT /Overl</i>	0.7	3
56	Insect taxonomy can be difficult: a noctuid moth (Agaristinae: <i>Aletopus imperialis</i>) and a geometrid moth (Sterrhinae: <i>Cartaletis dargei</i>) combined into a cryptic species complex in eastern Africa (Lepidoptera). <i>PeerJ</i> , 2021, 9, e11613.	2.0	3
57	Lepidopteran biodiversity of Ethiopia: current knowledge and future perspectives. <i>ZooKeys</i> , 2019, 882, 87-125.	1.1	3
58	A novel approach for reliable qualitative and quantitative prey spectra identification of carnivorous plants combining DNA metabarcoding and macro photography. <i>Scientific Reports</i> , 2022, 12, 4778.	3.3	3
59	Dietary specialization mirrors Rapoport's rule in European geometrid moths. <i>Global Ecology and Biogeography</i> , 2022, 31, 1161-1171.	5.8	3
60	Enzymatic digestion – a new method for egg extraction from dry female collection specimens (Lepidoptera: Geometridae). <i>Insect Systematics and Evolution</i> , 2006, 37, 351-359.	0.7	2
61	Taxonomic revision of the genus <i>Protorhoe</i> Herbulot, 1951 (Lepidoptera, Geometridae, Larentiinae), new taxonomic changes and description of two new species. <i>Zootaxa</i> , 2017, 4282, 269.	0.5	2
62	Revision of the genus <i>Prometopidia</i> Hampson, 1902, with description of the new species <i>P. joshimathensis</i> sp. nov. from West-Himalaya and its subspecies <i>P. j. yazakii</i> ssp. nov. from Nepal (Lepidoptera: Geometridae, Ennominae). <i>Zootaxa</i> , 2021, 4980, 28-44.	0.5	2
63	Congruence between morphology-based species and Barcode Index Numbers (BINs) in Neotropical Eumaeini (Lycaenidae). <i>PeerJ</i> , 2021, 9, e11843.	2.0	2
64	<i>Cataclysmes subtilis</i> parsata Wehrli, 1932 (Lepidoptera, Geometridae, Larentiinae) recognized as bona species – an integrative approach. <i>Nota Lepidopterologica</i> , 2014, 37, 141-150.	0.6	2
65	First description of the male and DNA barcode of <i>Euphyia vallantinaria</i> (Oberthür, 1890) from the Iberian Peninsula (Lepidoptera, Geometridae, Larentiinae). <i>Nota Lepidopterologica</i> , 0, 45, 33-39.	0.6	2
66	An unexpected species complex unveiled in southern European populations of <i>Phragmatiphila nexa</i> (Hübner, [1808]) (Lepidoptera, Noctuidae, Noctuinae, Apameini). <i>Zootaxa</i> , 2022, 5128, 355-383.	0.5	2
67	Taxonomic review of the genus <i>Morabia</i> Hausmann & Tujuba, 2020 with descriptions of two new species and introducing five new generic combinations (Lepidoptera, Geometridae, Ennominae). <i>Zootaxa</i> , 2022, 5134, 215-237.	0.5	2
68	Authors' Response. <i>Journal of Forensic Sciences</i> , 2019, 64, 1287-1287.	1.6	1
69	Taxonomic review of the genus <i>Rhodostrophia</i> Hübner, 1823 (Geometridae: Sterrhinae) in Iran. <i>Zootaxa</i> , 2022, 5118, 1-64.	0.5	1
70	<i>Archedontia agnesae</i> gen. n., sp. n., a new sterrhine species from Tadjikistan (Lepidoptera, Geometridae, Sterrhinae). <i>Zootaxa</i> , 2020, 4743, 275-279.	0.5	0
71	Taxonomy and systematics of the Iranian species of the genus <i>Ourapteryx</i> Leach, 1814 (Lepidoptera: Geometridae) with the description of a new species. <i>Zoology in the Middle East</i> , 2021, 67, 247-258.	0.6	0
72	Description of <i>Idaea josephinae</i> sp. n. from the Iberian Peninsula (Lepidoptera: Geometridae). <i>Zootaxa</i> , 2021, 4990, 369377.	0.5	0

#	ARTICLE	IF	CITATIONS
73	New distribution and range extension records of geometrid moths (Lepidoptera: Geometridae) from two western Himalayan protected areas. <i>Journal of Threatened Taxa</i> , 2021, 13, 18817-18826.	0.3	0