Hans W Pohl

List of Publications by Year
in descending order

59 papers	4,091 citations	279798 23 h-index	149698 56 g-index
61 all docs	61 docs citations	61 times ranked	4112 citing authors

#	Article	IF	Citations
1	Phylogenomics resolves the timing and pattern of insect evolution. Science, 2014, 346, 763-767.	12.6	2,096
2	The evolution and genomic basis of beetle diversity. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 24729-24737.	7.1	372
3	Genomic and Morphological Evidence Converge to Resolve the Enigma of Strepsiptera. Current Biology, 2012, 22, 1309-1313.	3.9	140
4	Morphological and molecular evidence converge upon a robust phylogeny of the megadiverse Holometabola. Cladistics, 2011, 27, 341-355.	3.3	123
5	A scanning electron microscopy specimen holder for viewing different angles of a single specimen. Microscopy Research and Technique, 2010, 73, 1073-1076.	2.2	103
6	Insect morphology in the age of phylogenomics: innovative techniques and its future role in systematics. Entomological Science, 2014, 17, 1-24.	0.6	83
7	The phylogeny of Strepsiptera (Hexapoda). Cladistics, 2005, 21, 328-374.	3.3	79
8	Endopterygote systematics - where do we stand and what is the goal (Hexapoda, Arthropoda)?. Systematic Entomology, 2006, 31, 202-219.	3.9	74
9	The evolution of Strepsiptera (Hexapoda). Zoology, 2008, 111, 318-338.	1.2	71
10	Strepsipteran brains and effects of miniaturization (Insecta). Arthropod Structure and Development, 2005, 34, 301-313.	1.4	70
11	A review of methods for analysing insect structures â€" the role of morphology in the age of phylogenomics. Current Opinion in Insect Science, 2016, 18, 60-68.	4.4	68
12	Reconstructing the anatomy of the 42-million-year-old fossil â€Mengea tertiaria (Insecta, Strepsiptera). Die Naturwissenschaften, 2010, 97, 855-859.	1.6	51
13	Resolving insect phylogeny: The significance of cephalic structures of the Nannomecoptera in understanding endopterygote relationships. Arthropod Structure and Development, 2009, 38, 427-460.	1.4	47
14	The head of Merope tuber (Meropeidae) and the phylogeny of Mecoptera (Hexapoda). Arthropod Structure and Development, 2013, 42, 69-88.	1.4	44
15	Phylogeny of the Strepsiptera based on morphological data of the first instar larvae. Zoologica Scripta, 2002, 31, 123-134.	1.7	40
16	Fine structure of adhesive devices of Strepsiptera (Insecta). Arthropod Structure and Development, 2004, 33, 31-43.	1.4	40
17	Protoxenidae fam. nov. (Insecta, Strepsiptera) from Baltic amber - a 'missing link' in strepsipteran phylogeny. Zoologica Scripta, 2005, 34, 57-69.	1.7	35
18	Bahiaxenidae, a â€œliving fossilâ€•and a new family of Strepsiptera (Hexapoda) discovered in Brazil. Cladistics, 2009, 25, 614-623.	3.3	34

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19	Ribosomal protein genes of holometabolan insects reject the Halteria, instead revealing a close affinity of Strepsiptera with Coleoptera. Molecular Phylogenetics and Evolution, 2010, 55, 846-859.	2.7	33
20	The phylogeny of Coleopterida (Hexapoda) â€“ morphological characters and molecular phylogenies. Systematic Entomology, 2019, 44, 75-102.	3.9	30
21	Head structures of males of Strepsiptera (Hexapoda) with emphasis on basal splitting events within the order. Journal of Morphology, 2006, 267, 536-554.	1.2	29
22	The Fossil Strepsiptera (Insecta: Strepsiptera). Annals of the Entomological Society of America, 1994, 87, 59-70.	2.5	28
23	Traumatic insemination and female counter-adaptation in Strepsiptera (Insecta). Scientific Reports, 2016, 6, 25052.	3.3	28
24	Extremely miniaturised and highly complex: The thoracic morphology of the first instar larva of Mengenilla chobauti (Insecta, Strepsiptera). Arthropod Structure and Development, 2010, 39, 287-304.	1.4	26
25	First record of a female stylopid (Strepsiptera: ?Myrmecolacidae) parasite of a prionomyrmecine ant (Hymenoptera: Formicidae) in Baltic amber. Insect Systematics and Evolution, 2001, 32, 143-146.	0.7	23
26	A new species of Mengenilla (Insecta, Strepsiptera) from Tunisia. ZooKeys, 2012, 198, 79-102.	1.1	23
27	A miniaturized beetle larva in Cretaceous Burmese amber: reinterpretation of a fossil â€œstrepsipteran triungulinâ€• Insect Systematics and Evolution, 2016, 47, 83-91.	0.7	20
28	Comparison of cleaning methods for delicate insect specimens for scanning electron microscopy. Microscopy Research and Technique, 2017, 80, 1199-1204.	2.2	19
29	The legs of â€œspider associatedâ€•parasitic primary larvae of Mantispa aphavexelte (Mantispidae,) Tj ETQq1 1 0.784314 rgBT /Overlo Development, 2018, 47, 449-456.	1.4	18
30	The larval abdomen of the enigmatic Nannochoristidae (Mecoptera, Insecta). Arthropod Structure and Development, 2012, 41, 187-198.	1.4	16
31	Highly specialized Cretaceous beetle parasitoids (Ripiphoridae) identified with optimized visualization of microstructures. Systematic Entomology, 2019, 44, 396-407.	3.9	15
32	A needle in a haystack: Mesozoic origin of parasitism in Strepsiptera revealed by first definite Cretaceous primary larva (Insecta). PeerJ, 2018, 6, e5943.	2.0	15
33	The oldest fossil strepsipteran larva (Insecta: Strepsiptera) from the Geisel Valley, Germany (Eocene). Insect Systematics and Evolution, 2009, 40, 333-347.	0.7	14
34	The male postabdomen and genital apparatus of â€ Mengea tertiaria , a strepsipteran amber fossil (Insecta). Journal of Zoological Systematics and Evolutionary Research, 2011, 49, 298-308.	1.4	14
35	Two new genera and two new species of Mantophasmatodea (Insecta, Polyneoptera) from Namibia. ZooKeys, 2012, 166, 75-98.	1.1	14
36	Venom collection and analysis in the pseudoscorpion Chelifer cancroides (Pseudoscorpiones:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 T	1.6	14

#	Article	IF	Citations
37	The First Complete 3D Reconstruction of a Spanish Fly Primary Larva (Lytta vesicatoria, Meloidae,) Tj ETQq1 1 0.784314 rgBT /Overlock	2.5	13
38	â€<scp>K</scp>inzelbachilla ellenbergeriÂâ€“Âa new ancestral species, genus and family of <scp>S</scp>trepsiptera (<scp>I</scp>nsecta). Systematic Entomology, 2016, 41, 287-297.	3.9	13
39	Archaeomalthus-(Coleoptera, Archostemata) a â€˜ghost adultâ€™ of Micromalthidae from Upper Permian deposits of Siberia?. Historical Biology, 2020, 32, 1019-1027.	1.4	13
40	The thoracic skeleto-muscular system of Mengenilla (Strepsiptera: Mengenillidae) and its phylogenetic implications. Arthropod Structure and Development, 2012, 41, 323-335.	1.4	12
41	The embryonic development of Stylops ovinae (Strepsiptera, Stylopidae) with emphasis on external morphology. Arthropod Structure and Development, 2015, 44, 42-68.	1.4	11
42	The cephalic morphology of the Gondwanan key taxon Hackeriella (Coleorrhyncha, Hemiptera). Arthropod Structure and Development, 2013, 42, 315-337.	1.4	10
43	The unique sound production of the Deathâ€™s-head hawkmoth (Acherontia atropos (Linnaeus, 1758)) revisited. Die Naturwissenschaften, 2015, 102, 43.	1.6	10
44	On the value of Burmese amber for understanding insect evolution: Insights from â€Heterobathmilla â€“ an exceptional stem group genus of Strepsiptera (Insecta). Cladistics, 2021, 37, 211-229.	3.3	10
45	Description of a new genus and two new species of Corioxenidae from Jordan (Insecta: Strepsiptera). Zoology in the Middle East, 1996, 13, 107-119.	0.6	8
46	The abdomen of a freeâ€living female of Strepsiptera and the evolution of the birth organs. Journal of Morphology, 2019, 280, 739-755.	1.2	8
47	Effects of miniaturization in primary larvae of Strepsiptera (Insecta). Arthropod Structure and Development, 2019, 48, 49-55.	1.4	6
48	The â€œhairy beastâ€â€”Zorotypus hirsutus sp. n., an unusual new species of Zoraptera (Insecta) from Burmese amber. Zootaxa, 2018, 4508, 562-568.	0.5	5
49	A simple â€œhandsâ€•offâ€•apparatus to inflate concealed soft parts of the genitalia of small insect specimens. Microscopy Research and Technique, 2013, 76, 258-262.	2.2	4
50	The endoparasitic larval stages of Eoxenos laboulbenei: An atypical holometabolan development (Strepsiptera, Mengenillidae). Arthropod Structure and Development, 2020, 56, 100932.	1.4	4
51	The spermatozoon of Mengenilla moldrzyki (Strepsiptera, Mengenillidae): Ultrastructure and phylogenetic considerations. Tissue and Cell, 2013, 45, 446-451.	2.2	3
52	Traction force measurements on male Strepsiptera (Insecta) revealed higher forces on smooth than on hairy substrates. Journal of Experimental Biology, 2020, 223, .	1.7	3
53	1. Nannomecoptera, Nannochoristidae, Nannochorista. , 2019, , 1-70.		2
54	ï»¿A generic classification of Xenidae (Strepsiptera) based on the morphology of the female cephalothorax and male cephalotheca with a preliminary checklist of species. ZooKeys, 2022, 1093, 1-134.	1.1	2

#	Article	IF	Citations
55	Unearthing underground predators: The head morphology of larvae of the moth lacewing genus Ithone Newman (Neuroptera: Ithonidae) and its functional and phylogenetic implications. Systematic Entomology, 2022, 47, 618-636.	3.9	2
56	Genomic and Morphological Evidence Converge to Resolve the Enigma of Strepsiptera. Current Biology, 2013, 23, 1388.	3.9	1
57	Ultrastructural 3D reconstruction of the smallest known insect photoreceptors: The stemmata of a first instar larva of Strepsiptera (Hexapoda). Arthropod Structure and Development, 2021, 62, 101055.	1.4	1
58	First record of Mengenillidae (Insecta, Strepsiptera) from the Balearic Islands. Graellsia, 2014, 70, e011.	0.2	1
59	â€Bittacopsocusâ€"a new bizarre genus of â€Permopsocida (Insecta) from Burmese Cretaceous amber. Zootaxa, 2019, 4576, 357.	0.5	0