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	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
2	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
3	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
4	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
5	Archaeomalthus-(Coleoptera, Archostemata) a â€˜ghost adultâ€™ of Micromalthidae from Upper Permian deposits of Siberia?. Historical Biology, 2020, 32, 1019-1027.	1.4	13
6	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
7	The endoparasitic larval stages of Eoxenos laboulbenei: An atypical holometabolan development (Strepsiptera, Mengenillidae). Arthropod Structure and Development, 2020, 56, 100932.	1.4	4
8	The phylogeny of Coleopterida (Hexapoda) â€“ morphological characters and molecular phylogenies. Systematic Entomology, 2019, 44, 75-102.	3.9	30
9	â€Bittacopsocusâ€”a new bizarre genus of â€Permopsocida (Insecta) from Burmese Cretaceous amber. Zootaxa, 2019, 4576, 357.	0.5	0
10	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
11	Venom collection and analysis in the pseudoscorpion Chelifer cancroides (Pseudoscorpiones:) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.6	14
12	1. Nannomecoptera, Nannochoristidae, Nannochorista. , 2019, , 1-70.		2
13	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
14	Effects of miniaturization in primary larvae of Strepsiptera (Insecta). Arthropod Structure and Development, 2019, 48, 49-55.	1.4	6
15	Highly specialized Cretaceous beetle parasitoids (Ripiphoridae) identified with optimized visualization of microstructures. Systematic Entomology, 2019, 44, 396-407.	3.9	15
16	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
17	The legs of â€œspider associatedâ€•parasitic primary larvae of Mantispa aphavexelte (Mantispidae,) Tj ETQq1 1 0.784314 rgBT /Overl Development, 2018, 47, 449-456.	1.4	18
18	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

#	Article	IF	Citations
19	Comparison of cleaning methods for delicate insect specimens for scanning electron microscopy. Microscopy Research and Technique, 2017, 80, 1199-1204.	2.2	19
20	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
21	Traumatic insemination and female counter-adaptation in Strepsiptera (Insecta). Scientific Reports, 2016, 6, 25052.	3.3	28
22	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
23	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
24	The unique sound production of the Deathâ€™s-head hawkmoth (Acherontia atropos (Linnaeus, 1758)) revisited. Die Naturwissenschaften, 2015, 102, 43.	1.6	10
25	The embryonic development of Stylops ovinae (Strepsiptera, Stylopidae) with emphasis on external morphology. Arthropod Structure and Development, 2015, 44, 42-68.	1.4	11
26	Insect morphology in the age of phylogenomics: innovative techniques and its future role in systematics. Entomological Science, 2014, 17, 1-24.	0.6	83
27	Phylogenomics resolves the timing and pattern of insect evolution. Science, 2014, 346, 763-767.	12.6	2,096
28	First record of Mengenillidae (Insecta, Strepsiptera) from the Balearic Islands. Graellsia, 2014, 70, e011.	0.2	1
29	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
30	The head of Merope tuber (Meropeidae) and the phylogeny of Mecoptera (Hexapoda). Arthropod Structure and Development, 2013, 42, 69-88.	1.4	44
31	Genomic and Morphological Evidence Converge to Resolve the Enigma of Strepsiptera. Current Biology, 2013, 23, 1388.	3.9	1
32	The cephalic morphology of the Gondwanan key taxon Hackeriella (Coleorrhyncha, Hemiptera). Arthropod Structure and Development, 2013, 42, 315-337.	1.4	10
33	The spermatozoon of Mengenilla moldrzyki (Strepsiptera, Mengenillidae): Ultrastructure and phylogenetic considerations. Tissue and Cell, 2013, 45, 446-451.	2.2	3
34	Two new genera and two new species of Mantophasmatodea (Insecta, Polyneoptera) from Namibia. ZooKeys, 2012, 166, 75-98.	1.1	14
35	A new species of Mengenilla (Insecta, Strepsiptera) from Tunisia. ZooKeys, 2012, 198, 79-102.	1.1	23
36	Genomic and Morphological Evidence Converge to Resolve the Enigma of Strepsiptera. Current Biology, 2012, 22, 1309-1313.	3.9	140

#	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	The larval abdomen of the enigmatic Nannochoristidae (Mecoptera, Insecta). Arthropod Structure and Development, 2012, 41, 187-198.	1.4	16
39	The thoracic skeleto-muscular system of Mengenilla (Strepsiptera: Mengenillidae) and its phylogenetic implications. Arthropod Structure and Development, 2012, 41, 323-335.	1.4	12
40	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
41	Morphological and molecular evidence converge upon a robust phylogeny of the megadiverse Holometabola. Cladistics, 2011, 27, 341-355.	3.3	123
42	Reconstructing the anatomy of the 42-million-year-old fossil â€Mengea tertiaria (Insecta, Strepsiptera). Die Naturwissenschaften, 2010, 97, 855-859.	1.6	51
43	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
44	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
45	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
46	The oldest fossil strepsipteran larva (Insecta: Strepsiptera) from the Geisel Valley, Germany (Eocene). Insect Systematics and Evolution, 2009, 40, 333-347.	0.7	14
47	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
48	Bahiaxenidae, a â€œliving fossilâ€•and a new family of Strepsiptera (Hexapoda) discovered in Brazil. Cladistics, 2009, 25, 614-623.	3.3	34
49	The evolution of Strepsiptera (Hexapoda). Zoology, 2008, 111, 318-338.	1.2	71
50	Endopterygote systematics - where do we stand and what is the goal (Hexapoda, Arthropoda)?. Systematic Entomology, 2006, 31, 202-219.	3.9	74
51	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
52	Protoxenidae fam. nov. (Insecta, Strepsiptera) from Baltic amber - a 'missing link' in strepsipteran phylogeny. Zoologica Scripta, 2005, 34, 57-69.	1.7	35
53	The phylogeny of Strepsiptera (Hexapoda). Cladistics, 2005, 21, 328-374.	3.3	79
54	Strepsipteran brains and effects of miniaturization (Insecta). Arthropod Structure and Development, 2005, 34, 301-313.	1.4	70

#	Article	IF	Citations
55	Fine structure of adhesive devices of Strepsiptera (Insecta). Arthropod Structure and Development, 2004, 33, 31-43.	1.4	40
56	Phylogeny of the Strepsiptera based on morphological data of the first instar larvae. Zoologica Scripta, 2002, 31, 123-134.	1.7	40
57	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
58	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
59	The Fossil Strepsiptera (Insecta: Strepsiptera). Annals of the Entomological Society of America, 1994, 87, 59-70.	2.5	28