

# Christiane Weirauch

## List of Publications by Year in descending order

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Version: 2024-02-01

100  
papers

2,594  
citations

279701

23  
h-index

233338

45  
g-index

102  
all docs

102  
docs citations

102  
times ranked

1643  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phylogenomics and the evolution of hemipteroid insects. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 12775-12780.	3.3	275
2	Systematics and Evolution of Heteroptera: 25 Years of Progress. <i>Annual Review of Entomology</i> , 2011, 56, 487-510.	5.7	168
3	Phylogenetic relationships within the Cimicomorpha (Hemiptera: Heteroptera): a total-evidence analysis. <i>Systematic Entomology</i> , 2009, 34, 15-48.	1.7	164
4	Cladistic analysis of Reduviidae (Heteroptera: Cimicomorpha) based on morphological characters. <i>Systematic Entomology</i> , 2008, 33, 229-274.	1.7	161
5	Evolutionary History of Assassin Bugs (Insecta: Hemiptera: Reduviidae): Insights from Divergence Dating and Ancestral State Reconstruction. <i>PLoS ONE</i> , 2012, 7, e45523.	1.1	148
6	Molecular phylogeny of the assassin bugs (Hemiptera: Reduviidae), based on mitochondrial and nuclear ribosomal genes. <i>Molecular Phylogenetics and Evolution</i> , 2009, 53, 287-299.	1.2	127
7	Evolution, Systematics, and Biogeography of the Triatominae, Vectors of Chagas Disease. <i>Advances in Parasitology</i> , 2018, 99, 265-344.	1.4	112
8	Revisiting habitat and lifestyle transitions in Heteroptera (Insecta: Hemiptera): insights from a combined morphological and molecular phylogeny. <i>Cladistics</i> , 2019, 35, 67-105.	1.5	84
9	Feeding behavior of triatomines from the southwestern United States: An update on potential risk for transmission of Chagas disease. <i>Acta Tropica</i> , 2009, 111, 114-118.	0.9	63
10	Venoms of Heteropteran Insects: A Treasure Trove of Diverse Pharmacological Toolkits. <i>Toxins</i> , 2016, 8, 43.	1.5	62
11	Insight from an ultraconserved element bait set designed for hemipteran phylogenetics integrated with genomic resources. <i>Molecular Phylogenetics and Evolution</i> , 2019, 130, 297-303.	1.2	51
12	Hairy attachment structures in Reduviidae (Cimicomorpha, Heteroptera), with observations on the fossula spongiosa in some other Cimicomorpha. <i>Zoologischer Anzeiger</i> , 2007, 246, 155-175.	0.4	40
13	Evolution of the assassin's arms: insights from a phylogeny of combined transcriptomic and ribosomal DNA data (Heteroptera: Reduivoidea). <i>Scientific Reports</i> , 2016, 6, 22177.	1.6	36
14	Molecular phylogeny of Harpactorinae and Bactrodinae uncovers complex evolution of sticky trap predation in assassin bugs (Heteroptera: Reduviidae). <i>Cladistics</i> , 2016, 32, 538-554.	1.5	34
15	Sylvatic host associations of Triatominae and implications for Chagas disease reservoirs: a review and new host records based on archival specimens. <i>PeerJ</i> , 2017, 5, e3826.	0.9	33
16	Pretarsal structures in Reduviidae (Heteroptera, Insecta). <i>Acta Zoologica</i> , 2005, 86, 91-110.	0.6	31
17	Phylogenetic Evidence for Ancient and Persistent Environmental Symbiont Reacquisition in Largidae (Hemiptera: Heteroptera). <i>Applied and Environmental Microbiology</i> , 2016, 82, 7123-7133.	1.4	31
18	Synonymy of the reduviid (Hemiptera: Heteroptera) genus <i>Torrealbaia</i> (Triatominae) with <i>Amphibolus</i> (Harpactorinae), with notes on <i>Amphibolus venator</i> (Klug, 1830). <i>Zootaxa</i> , 2004, 670, 1.	0.2	30

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19	Resin gathering in neotropical resin bugs (Insecta: Hemiptera: Reduviidae): Functional and comparative morphology. <i>Journal of Morphology</i> , 2011, 272, 204-229.	0.6	29
20	Metathoracic glands and associated evaporatory structures in Reduvidae (Heteroptera). <i>Journal of Morphology</i> , 2006, 103, 97-108.	1.2	29
21	Sticky predators: a comparative study of sticky glands in harpactorine assassin bugs (Insecta: Hemiptera: Reduviidae). <i>Journal of Morphology</i> , 2011, 272, 204-229.	0.6	28
22	Litter bugs exposed: phylogenetic relationships of Dipsocoromorpha (Hemiptera: Heteroptera) based on molecular data. <i>Insect Systematics and Evolution</i> , 2014, 45, 351-370.	0.2	27
23	Toxic associations: A review of the predatory behaviors of millipede assassin bugs (Hemiptera: Reduviidae). <i>Journal of Morphology</i> , 2011, 272, 204-229.	1.2	27
24	Molecular phylogeny of Harpactorini (Insecta: Reduviidae): correlation of novel predation strategy with accelerated evolution of predatory leg morphology. <i>Cladistics</i> , 2014, 30, 339-351.	1.5	25
25	Efficient capture of natural history data reveals prey conservatism of cryptic termite predators. <i>Molecular Phylogenetics and Evolution</i> , 2016, 94, 65-73.	1.2	25
26	Ultraconserved elements reconstruct the evolution of Chagas disease vectoring kissing bugs (Reduviidae: Triatominae). <i>Systematic Entomology</i> , 2021, 46, 725-740.	1.7	24
27	Revision and Cladistic Analysis of the Polyozus Group of Australian Phylini (Heteroptera: Miridae). <i>Journal of Morphology</i> , 2011, 272, 204-229.	0.2	22
28	Myrtaceae-Feeding Phylinae (Hemiptera: Miridae) from Australia: Description and Analysis of Phylogenetic and Host Relationships for a Monophyletic Assemblage of Three New Genera. <i>Bulletin of the American Museum of Natural History</i> , 2010, 344, 1-95.	1.2	22
29	Matching dimorphic sexes and immature stages with adults: resolving the systematics of the <i>Bekilya</i> group of Malagasy assassin bugs (Hemiptera: Reduviidae: Peiratinae). <i>Systematic Entomology</i> , 2011, 36, 115-138.	1.7	22
30	Assassin Bugs (Reduviidae Excluding Triatominae). <i>True Bugs (Heteroptera) of the Neotropics</i> , 2015, 307-351.	1.2	22
31	Areas of endemism in the Nearctic: a case study of 1339 species of Miridae (Insecta: Hemiptera) and their plant hosts. <i>Cladistics</i> , 2017, 33, 279-294.	1.5	22
32	Cost-efficient high throughput capture of museum arthropod specimen DNA using PCR-generated baits. <i>Methods in Ecology and Evolution</i> , 2019, 10, 841-852.	2.2	22
33	A taxonomic monograph of the assassin bug genus <i>Zelus</i> Fabricius (Hemiptera: Reduviidae): 71 species based on 10,000 specimens. <i>Biodiversity Data Journal</i> , 2016, 4, e8150.	0.4	22
34	Anatomy of Disguise: Camouflaging Structures in Nymphs of Some Reduviidae (Heteroptera). <i>American Museum Novitates</i> , 2006, 3542, 1.	0.2	20
35	Curaliidae, a New Family of Heteroptera (Insecta: Hemiptera) from the Eastern United States. <i>Annals of the Entomological Society of America</i> , 2008, 101, 20-29.	1.3	20
36	On the evolution of raptorial legs - an insect example (Hemiptera: Reduviidae: Phymatinae). <i>Cladistics</i> , 2011, 27, 138-149.	1.5	20

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37	Taxonomic Monograph of the Endemic Millipede Assassin Bug Fauna of Madagascar (Hemiptera: Tj ETQq1 1 0.784314 rgBT /Overlock 19	1.2	19
38	<i>Zelus renardii</i> and <i>Z. tetracanthus</i> (Hemiptera: Reduviidae): Biological Attributes and the Potential for Dispersal in Two Assassin Bug Species. Florida Entomologist, 2012, 95, 641-649.	0.2	18
39	Infection Rates of <i>Triatoma protracta</i> (Uhler) with <i>Trypanosoma cruzi</i> in Southern California and Molecular Identification of Trypanosomes. American Journal of Tropical Medicine and Hygiene, 2010, 83, 1020-1022.	0.6	17
40	Millipede assassins and allies (Hemiptera: Reduviidae): Taxonomic classification and evolution of sexual dimorphism. Systematic Entomology, 2017, 42, 575-595.	1.7	17
41	Comparative morphology of male genitalic structures in the minute litter bugs <i>Dipsocoromorpha</i> (Insecta: Hemiptera: Heteroptera). Journal of Morphology, 2018, 279, 1480-1517.	0.6	17
42	Revision of the <i>crassipes</i> and <i>pictipes</i> species groups of <i>Apiomerus</i> Hahn (Hemiptera: Reduviidae): Taxonomic classification and evolution of sexual dimorphism. Systematic Entomology, 2017, 42, 575-595.	0.2	17
43	Pedicellar structures in Reduviidae (Heteroptera) - comments on cave organ and trichobothria. European Journal of Entomology, 2003, 100, 571-580.	1.2	17
44	Dorsal abdominal glands in adult Reduviidae (Heteroptera, Cimicomorpha). Mitteilungen Aus Dem Museum Fur Naturkunde in Berlin - Deutsche Entomologische Zeitschrift, 2006, 53, 91-102.	0.3	16
45	Do Bites of Kissing Bugs Cause Unexplained Allergies? Results from a Survey in Triatomine-Exposed and Unexposed Areas in Southern California. PLoS ONE, 2012, 7, e44016.	1.1	16
46	Phylogeny and character evolution in the bee-assassins (Insecta: Heteroptera: Reduviidae). Molecular Phylogenetics and Evolution, 2013, 66, 283-302.	1.2	15
47	Molecular phylogenetics and biogeography of the ambush bugs (Hemiptera: Reduviidae: Phymatinae). Molecular Phylogenetics and Evolution, 2017, 114, 225-233.	1.2	15
48	Integrative species delimitation in Nearctic ambush bugs (Heteroptera: Reduviidae: Phymatinae): insights from molecules, geometric morphometrics and ecological associations. Systematic Entomology, 2020, 45, 205-223.	1.7	15
49	ATTRACTING ANTS: THE TRICHOME AND NOVEL GLANDULAR AREAS ON THE STERNUM OF <i>PTILOCNEMUS LEMUR</i> (HETEROPTERA: REDUVIIDAE: HOLOPTILINAE). Journal of the New York Entomological Society, 2006, 114, 28-37.	0.6	14
50	Southern hemisphere distributional patterns in plant bugs (Hemiptera: Miridae: Phyllinae): <i>Xiphoidellus</i> , gen. nov. from Australia and <i>Ampimpacoris</i> , gen. nov. from Argentina, show transantarctic relationships. Invertebrate Systematics, 2010, 24, 473.	0.5	13
51	<i>Voragocoris schuhi</i> , a New Genus and Species of Neotropical Schizopterinae (Hemiptera: Tj ETQq1 1 0.784314 rgBT /Overlock 13	0.2	13
52	New Genera and Species of Oak-Associated Phyllini (Heteroptera: Miridae: Phyllinae) from Western North America. American Museum Novitates, 2006, 3522, 1.	0.2	13
53	Glandular areas associated with the male genitalia in <i>Triatoma rubrofasciata</i> (Triatominae, Reduviidae), Tj ETQq1 1 0.784314 rgBT /Overlock 12	0.8	12
54	Phylogenetics and biogeography of the endemic Madagascan millipede assassin bugs (Hemiptera: Tj ETQq0 0 0 rgBT /Overlock 12 Tf 50	1.2	12

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55	Scratching the surface? Taxonomic revision of the subgenus <i>Schizoptera</i> (Odontorhagus) reveals vast undocumented biodiversity in the largest litter bug genus <i>Schizoptera</i> Fieber (Hemiptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.2	12
56	Giant among dwarfs: <i>Meganannus lewisi</i> , gen. n. and sp. n., a new genus and species of minute litter bugs from Costa Rica (Hemiptera: Schizopteridae). <i>Zootaxa</i> , 2018, 4370, 156-170.	0.2	12
57	<i>Kiskeya palassaina</i> , new genus and new species of Saicinae (Heteroptera: Reduviidae) from the Dominican Republic. <i>Zootaxa</i> , 2007, 1468, 57-68.	0.2	10
58	The cephalic morphology of the Gondwanan key taxon <i>Hackeriella</i> (Coleorrhyncha, Hemiptera). <i>Arthropod Structure and Development</i> , 2013, 42, 315-337.	0.8	10
59	New World biogeography and the evolution of polychromatism: evidence from the bee assassin genus <i>Apiomerus</i> (Heteroptera: Reduviidae: Harpactorinae). <i>Systematic Entomology</i> , 2012, 37, 32-54.	1.7	9
60	Revision of <i>Aphelonotus</i> Uhler (Hemiptera: Heteroptera: Pachynomidae), with Description of Six New Species and Documentation of Nymphal Morphology for Three Species. <i>American Museum Novitates</i> , 2015, 3829, 1-43.	0.2	9
61	Phylogenetic comparative analysis supports aposematic colouration-body size association in millipede assassins (Hemiptera: Reduviidae: Ectrichodiinae). <i>Journal of Evolutionary Biology</i> , 2018, 31, 1071-1078.	0.8	9
62	No guts, no glory: Gut content metabarcoding unveils the diet of a flower-associated coastal sage scrub predator. <i>Ecosphere</i> , 2019, 10, e02712.	1.0	8
63	<i>Reduvius frommeri</i> , a new species of Reduviidae from the Western United States (Hemiptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.2	7
64	The Minute Litter Bugs (Dipsocoromorpha). <i>True Bugs (Heteroptera) of the Neotropics</i> , 2015, , 99-109.	1.2	7
65	Small Bugs, Big Changes: Taxonomic Revision of <i>Orthorhagus</i> McAtee & Malloch. <i>Neotropical Entomology</i> , 2016, 45, 559-572.	0.5	7
66	Crowdsourced online images provide insights into predator-prey interactions of putative natural enemies. <i>Food Webs</i> , 2019, 21, e00126.	0.5	7
67	Two new genera of big-eyed minute litter bugs (Hemiptera, Schizopteridae, Hypselosomatinae) from Brazil and the Caribbean. <i>ZooKeys</i> , 2016, 640, 79-102.	0.5	7
68	Synonymy of <i>Harpinoderes cicheroi</i> Martnez & Carcavallo, 1989 with <i>Aradomorpha crassipes</i> Champion, 1899 (Hemiptera: Heteroptera: Reduviidae). <i>Zootaxa</i> , 2005, 950, 1-4.	0.2	6
69	Distribution of a sternal glandular area among female Reduviidae (Heteroptera), with discussion of a possible pheromonal function. <i>Mitteilungen Aus Dem Museum Fur Naturkunde in Berlin - Deutsche Entomologische Zeitschrift</i> , 2008, 51, 3-6.	0.3	6
70	Frena and druckknopf: a synopsis of two fore wing-to-body coupling mechanisms in Heteropterodea (Hemiptera). <i>Insect Systematics and Evolution</i> , 2009, 40, 229-252.	0.2	6
71	Two New Genera of Phylini, <i>Roburocoris</i> and <i>Viscacoris</i> , from Mexico and the Southwestern United States (Heteroptera: Miridae: Phylinae). <i>Entomologica Americana</i> , 2009, 115, 1-35.	0.2	6
72	Description of the Australian Plant Bug Genus <i>Jiwarli</i> , n. gen. (Heteroptera: Miridae: Phylinae). <i>American Museum Novitates</i> , 2009, 3653, 1-14.	0.2	6

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73	Tribelocodia ashei, new genus and new species of Reduviidae (Insecta: Hemiptera), has implications on character evolution in Ectrichodiinae and Tribelocephalinae. <i>Insect Systematics and Evolution</i> , 2010, 41, 103-122.	0.2	6
74	Deep Instability in the Phylogenetic Backbone of Heteroptera is Only Partly Overcome by Transcriptome-Based Phylogenomics. <i>Insect Systematics and Diversity</i> , 2019, 3, .	0.7	6
75	New Genus and Species of Physoderinae (Heteroptera: Reduviidae) from the New World, with a Revised Diagnosis of Physoderinae Miller. <i>American Museum Novitates</i> , 2006, 3510, 1.	0.2	5
76	Austrokatanga, gen. nov., new genus of Ectrichodiinae (Hemiptera: Heteroptera: Reduviidae) from Australia. <i>Zootaxa</i> , 2009, 2094, 1-15.	0.2	5
77	Molecular phylogeny informs generic and subgeneric concepts in the Schizoptera Fieber genus group (Heteroptera : Schizopteridae) and reveals multiple origins of female-specific elytra. <i>Invertebrate Systematics</i> , 2017, 31, 191.	0.5	5
78	From Eastern Arc Mountains to extreme sexual dimorphism: systematics of the enigmatic assassin bug genus Xenocausus (Hemiptera: Reduviidae: Tribelocephalinae). <i>Organisms Diversity and Evolution</i> , 2017, 17, 421-445.	0.7	5
79	New Genera and Species of Myrtaceae-Feeding Phylinae from Australia, and the Description of a New Species of Restiophylus (Insecta: Heteroptera: Miridae). <i>Bulletin of the American Museum of Natural History</i> , 2018, 2018, 1.	1.2	5
80	Hybrid enrichment of poorly preserved museum specimens refines homology hypotheses in a group of minute litter bugs (Hemiptera: Dipsocoromorpha: Schizopteridae). <i>Systematic Entomology</i> , 2019, 44, 985-995.	1.7	5
81	Four new genera of Schizopteridae (Hemiptera: Heteroptera) from the Afrotropical and Neotropical regions. <i>Zootaxa</i> , 2020, 4768, zootaxa.4768.1.6.	0.2	5
82	Comparative trichome morphology in feather-legged assassin bugs (Insecta: Heteroptera: Reduviidae: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.4	4
83	Revision of the Malagasy Durevius Villiers with descriptions of two new species (Hemiptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	0.2	4
84	Resolving the identities of Phylinae (Heteroptera: Miridae) described by O.M. Reuter from Australia in 1904. <i>Entomologica Americana</i> , 2014, 120, 4-6.	0.2	4
85	Hematophagous Bugs (Reduviidae, Triatominae). <i>True Bugs (Heteroptera) of the Neotropics</i> , 2015, , 353-393.	1.2	4
86	Resin-enabled maternal care is an old evolutionary strategy in New World resin bugs (Hemiptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.0	4
87	Synopsis of Schizopteridae (Hemiptera, Heteroptera, Dipsocoromorpha) from the United States, with description of seven new species from the US and Mexico. <i>ZooKeys</i> , 2018, 796, 49-82.	0.5	4
88	Neotropical Physoderinae revisited, with description of a new, sexually dimorphic species of Leptophysoderes Weirauch (Hemiptera: Reduviidae). <i>Zootaxa</i> , 2015, 3963, 89-99.	0.2	3
89	Restiid-Feeding Semiini (Hemiptera: Miridae: Phylinae) From Western Australia: Description and Phylogenetic Analysis of the New Plant Bug Genus Restiophylus, n. gen. <i>Annals of the Entomological Society of America</i> , 2016, 109, 145-157.	1.3	3
90	â€˜Toothbrushâ€™ plant bugs and allies: Protemirisen. nov., a new genus and five new species of Proteaceae-associated Australian Phylinae (Hemipteraâ€™%:â€™%Miridae). <i>Austral Entomology</i> , 2017, 56, 75-93.	0.8	3

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91	Heads up: evolution of exaggerated head length in the minute litter bug genus <i>Nannocoris</i> Reuter (Hemiptera: Schizopteridae). <i>Organisms Diversity and Evolution</i> , 2018, 18, 211-224.	0.7	3
92	Phylogenetic Analysis of the New World Family Heterothripidae (Thysanoptera, Terebrantia) based on Morphological and Molecular Evidence. <i>Insect Systematics and Evolution</i> , 2019, 50, 702-716.	0.2	3
93	Taxonomic revision of the New World big-eyed minute litter bug genus <i>Ommatides</i> Uhler (Hemiptera: Tj ETQq1 1 0,784314,rgBT /Ov	0.2	3
94	Living on a sticky trap: natural history and morphology of <i>Bactrodes</i> assassin bugs (Insecta: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.2	3
95	Origin and Evolution of Triatominae. <i>True Bugs (Heteroptera) of the Neotropics</i> , 2021, , 1-13.	1.2	2
96	Phylogenetic relationships and revised classification of the true bug infraorder Dipsocoromorpha (Insecta: Hemiptera: Heteroptera). <i>Cladistics</i> , 2021, 37, 248-275.	1.5	1
97	Taxonomic Revision of <i>Camarochilus</i> Harris (Hemiptera: Pachynomidae). <i>American Museum Novitates</i> , 2020, 2020, 1.	0.2	0
98	Pseudocetherinae (Hemiptera: Reduviidae) revisited: phylogeny and taxonomy of the lobe-headed bugs. <i>European Journal of Taxonomy</i> , 0, 788, .	0.6	0
99	Taxonomic revision of the minute litter bug subgenus <i>Schizoptera</i> ( <i>Zygophleps</i> ) McAtee & Malloch, 1925 (Heteroptera: Dipsocoromorpha: Schizopteridae). <i>Insect Systematics and Evolution</i> , 2022, -1, 1-65.	0.2	0
100	Taxonomic revision of the <i>Apiomerus</i> maya species group (Heteroptera: Reduviidae: Harpactorinae). <i>Zootaxa</i> , 2022, 5154, 537-556.	0.2	0