

# James B Whitfield

## List of Publications by Year in descending order

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Version: 2024-02-01

75  
papers

5,203  
citations

147801

31  
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106344

65  
g-index

76  
all docs

76  
docs citations

76  
times ranked

5708  
citing authors

#	ARTICLE	IF	CITATIONS
1	Many evolutionary roads led to virus domestication in ichneumonoid parasitoid wasps. <i>Current Opinion in Insect Science</i> , 2022, 50, 100861.	4.4	6
2	First record of miracine parasitoid wasps (Hymenoptera: Braconidae) from Australia: molecular phylogenetics and morphology reveal multiple new species. <i>Austral Entomology</i> , 2022, 61, 49-67.	1.4	3
3	<i>Aximopsis gabriela</i> sp. nov.: a gregarious parasitoid (Hymenoptera: Eurytomidae) of the skipper <i>Quadrus cerialis</i> (Lepidoptera: Hesperiidae) feeding on <i>Piper amalago</i> in southern Mexico. <i>Journal of Natural History</i> , 2022, 56, 173-189.	0.5	0
4	Subfamily Microgastrinae Foerster, 1863. , 2022, , 386-444.		2
5	Phylogenomics of Ichneumonoidea (Hymenoptera) and implications for evolution of mode of parasitism and viral endogenization. <i>Molecular Phylogenetics and Evolution</i> , 2021, 156, 107023.	2.7	30
6	Importance of interaction rewiring in determining spatial and temporal turnover of tritrophic ( <i>Piper</i> caterpillar-parasitoid) metanetworks in the Yucatán Peninsula, México. <i>Biotropica</i> , 2021, 53, 1071-1081.	1.6	9
7	<i>Cotesia cassina</i> sp. nov. from southwestern Colombia: a new gregarious microgastrine wasp (Hymenoptera, Braconidae) reared from the pest species <i>Opsiphanes cassina</i> Felder & Felder (Lepidoptera, Nymphalidae) feeding on <i>Elaeis</i> oil palm trees (Arecaceae). <i>ZooKeys</i> , 2021, 1061, 11-22.	1.1	2
8	A new genus of Cedriini (Hymenoptera: Braconidae, Hormiinae) from the Brazilian cerrado. <i>Zootaxa</i> , 2021, 5047, 489-494.	0.5	0
9	Chromosomal scale assembly of parasitic wasp genome reveals symbiotic virus colonization. <i>Communications Biology</i> , 2021, 4, 104.	4.4	27
10	<i>Orientocardiochiles</i> , a new genus of Cardiochilinae (Hymenoptera, Braconidae), with descriptions of two new species from Malaysia and Vietnam. <i>ZooKeys</i> , 2020, 971, 1-15.	1.1	4
11	Shift in temporal and spatial expression of Hox gene explains color mimicry in bees. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 201906978.	7.1	2
12	Evidence for an ichnovirus machinery in parasitoids of coleopteran larvae. <i>Virus Research</i> , 2019, 263, 189-206.	2.2	8
13	A species-level taxonomic review and host associations of <i>Glyptapanteles</i> (Hymenoptera, Braconidae.) <i>Tj ETQq1 1 0.784314 rgBT /Ov</i> 2019, 890, 1-685.	1.1	18
14	DiscoVista: Interpretable visualizations of gene tree discordance. <i>Molecular Phylogenetics and Evolution</i> , 2018, 122, 110-115.	2.7	106
15	Systematics, Biology, and Evolution of Microgastrine Parasitoid Wasps. <i>Annual Review of Entomology</i> , 2018, 63, 389-406.	11.8	59
16	Insect Systematics as a Central Discipline of Entomology. <i>Insect Systematics and Diversity</i> , 2017, 1, 1-2.	1.7	5
17	Fragmentary Gene Sequences Negatively Impact Gene Tree and Species Tree Reconstruction. <i>Molecular Biology and Evolution</i> , 2017, 34, 3279-3291.	8.9	73
18	The Braconid and Ichneumonid Parasitoid Wasps: Biology, Systematics, Evolution and Ecology. <i>American Entomologist</i> , 2016, 62, 131-132.	0.2	1

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19	A New Species of <i>Apanteles</i> Foerster (Hymenoptera: Braconidae) Parasitic of Two Blackberry Leafrollers (Lepidoptera: Tortricidae) in Mexico. <i>Journal of the Kansas Entomological Society</i> , 2015, 88, 10-15.	0.2	2
20	Strepsiptera, Phylogenomics and the Long Branch Attraction Problem. <i>PLoS ONE</i> , 2014, 9, e107709.	2.5	51
21	Review of <i>Apanteles sensu stricto</i> (Hymenoptera, Braconidae, Microgastrinae) from Area de Conservaci3n Guanacaste, northwestern Costa Rica, with keys to all described species from Mesoamerica. <i>ZooKeys</i> , 2014, 383, 1-565.	1.1	102
22	Review of the Neotropical genus <i>Prasmodon</i> (Hymenoptera, Braconidae, Microgastrinae), with emphasis on species from Area de Conservaci3n Guanacaste, northwestern Costa Rica. <i>Journal of Hymenoptera Research</i> , 2014, 37, 1-52.	0.8	6
23	Revision of the neotropical genus <i>Sendaphne</i> Nixon (Hymenoptera, Braconidae, Microgastrinae). <i>Journal of Hymenoptera Research</i> , 2014, 41, 1-29.	0.8	6
24	Widespread Genome Reorganization of an Obligate Virus Mutualist. <i>PLoS Genetics</i> , 2014, 10, e1004660.	3.5	83
25	Extrapolations from field studies and known faunas converge on dramatically increased estimates of global microgastrine parasitoid wasp species richness (Hymenoptera: Braconidae). <i>Insect Conservation and Diversity</i> , 2013, 6, 530-536.	3.0	107
26	Parasitism rate, parasitoid community composition and host specificity on exposed and semi-concealed caterpillars from a tropical rainforest. <i>Oecologia</i> , 2013, 173, 521-532.	2.0	50
27	Networks: expanding evolutionary thinking. <i>Trends in Genetics</i> , 2013, 29, 439-441.	6.7	176
28	Introduction to Phylogenetic Networks.â€”David A. Morrison.. <i>Systematic Biology</i> , 2013, 62, 177-178.	5.6	0
29	Fast-Evolving Homoplastic Traits Are Best for Species Identification in a Group of Neotropical Wasps. <i>PLoS ONE</i> , 2013, 8, e74837.	2.5	7
30	Phylogenetic Networks: Concepts, Algorithms and Applications. <i>Systematic Biology</i> , 2012, 61, 176-177.	5.6	2
31	Parasitoids Attacking Larvae of a Recently Introduced Weed Biological Control Agent, <i>Neomusotima conspurcatalis</i> (Lepidoptera: Crambidae): Key to Species, Natural History, and Integrative Taxonomy. <i>Annals of the Entomological Society of America</i> , 2012, 105, 753-767.	2.5	9
32	Review of Parasitoid Wasps and Flies (Hymenoptera, Diptera) Associated with Limacodidae (Lepidoptera) in North America, with a Key to Genera. <i>Proceedings of the Entomological Society of Washington</i> , 2012, 114, 24-110.	0.2	10
33	A taxonomic revision of the Colombian species of <i>Urosigalphus</i> Ashmead (Hymenoptera: Braconidae). <i>Zootaxa</i> , 2012, 3411, 1.	0.5	0
34	Utility of the DNA barcoding gene fragment for parasitic wasp phylogeny (Hymenoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (Resources, 2012, 12, 676-685.	4.8	46
35	<i>Wolbachia</i> and DNA Barcoding Insects: Patterns, Potential, and Problems. <i>PLoS ONE</i> , 2012, 7, e36514.	2.5	148
36	Natural History of <i>Eryphanis greeneyi</i> (Lepidoptera: Nymphalidae) and Its Enemies, with a Description of a New Species of Braconid Parasitoid and Notes on Its Tachinid Parasitoid. <i>Annals of the Entomological Society of America</i> , 2011, 104, 1078-1090.	2.5	10

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37	Review of the New World Genus <i>Venanus</i> (Hymenoptera: Braconidae: Microgastrinae), With a New Key and Descriptions of Three New Reared Neotropical Species. <i>Annals of the Entomological Society of America</i> , 2011, 104, 1119-1127.	2.5	5
38	Functional and Evolutionary Insights from the Genomes of Three Parasitoid <i>Nasonia</i> Species. <i>Science</i> , 2010, 327, 343-348.	12.6	808
39	Making Nice with Viruses. <i>Science</i> , 2009, 323, 884-885.	12.6	26
40	Competition and brood reduction: testing alternative models of clutch-size evolution in parasitoids. <i>Behavioral Ecology</i> , 2009, 20, 403-409.	2.2	9
41	Reared Microgastrine Wasps (Hymenoptera: Braconidae) from Yanayacu Biological Station and Environs (Napo Province, Ecuador): Diversity and Host Specialization. <i>Journal of Insect Science</i> , 2009, 9, 1-22.	1.5	26
42	Integration of DNA barcoding into an ongoing inventory of complex tropical biodiversity. <i>Molecular Ecology Resources</i> , 2009, 9, 1-26.	4.8	305
43	Phylogeny of the parasitic microgastroid subfamilies (Hymenoptera: Braconidae) based on sequence data from seven genes, with an improved time estimate of the origin of the lineage. <i>Molecular Phylogenetics and Evolution</i> , 2008, 47, 378-395.	2.7	145
44	Ancient Rapid Radiations of Insects: Challenges for Phylogenetic Analysis. <i>Annual Review of Entomology</i> , 2008, 53, 449-472.	11.8	197
45	Experimental Support for <i>Multiple-Locus</i> Complementary Sex Determination in the Parasitoid <i>Cotesia vestalis</i> . <i>Genetics</i> , 2008, 180, 1525-1535.	2.9	44
46	Extreme diversity of tropical parasitoid wasps exposed by iterative integration of natural history, DNA barcoding, morphology, and collections. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 12359-12364.	7.1	504
47	Filtered Z-Closure Supernetworks for Extracting and Visualizing Recurrent Signal from Incongruent Gene Trees. <i>Systematic Biology</i> , 2008, 57, 939-947.	5.6	24
48	Genomic and Morphological Features of a Banchine Polydnavirus: Comparison with Bracoviruses and Ichnoviruses. <i>Journal of Virology</i> , 2007, 81, 6491-6501.	3.4	89
49	Deciphering ancient rapid radiations. <i>Trends in Ecology and Evolution</i> , 2007, 22, 258-265.	8.7	404
50	A minimalist barcode can identify a specimen whose DNA is degraded. <i>Molecular Ecology Notes</i> , 2006, 6, 959-964.	1.7	466
51	Dissecting the ancient rapid radiation of microgastrine wasp genera using additional nuclear genes. <i>Molecular Phylogenetics and Evolution</i> , 2006, 41, 690-703.	2.7	64
52	Genetic evidence for three species of rockhopper penguins, <i>Eudyptes chrysocome</i> . <i>Polar Biology</i> , 2006, 30, 61-67.	1.2	41
53	Revision of the Nearctic species of the genus <i>Pholetesor</i> Mason (Hymenoptera: Braconidae). <i>Zootaxa</i> , 2006, 1144, 1.	0.5	20
54	<i>Andesipolis</i> , a puzzling new genus of cyclostome Braconidae (Hymenoptera) from the Chilean Andes, with descriptions of three new species. <i>Zootaxa</i> , 2004, 438, 1.	0.5	6

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55	Preliminary evolutionary relationships within the parasitoid wasp genus <i>Cotesia</i> (Hymenoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 371-382.	3.9	62
56	Virus or not? Phylogenetics of polydnviruses and their wasp carriers. <i>Journal of Insect Physiology</i> , 2003, 49, 397-405.	2.0	109
57	Phylogenetic Insights into the Evolution of Parasitism in Hymenoptera. <i>Advances in Parasitology</i> , 2003, 54, 69-100.	3.2	51
58	Estimating the age of the polydnvirus/braconid wasp symbiosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 7508-7513.	7.1	152
59	Molecular Evolution: A Phylogenetic Approach.â€”Roderic D. M. Page and Edward C. Holmes.. <i>Systematic Biology</i> , 2002, 51, 536-538.	5.6	0
60	Phylogenetic relationships among microgastrine braconid wasp genera based on data from the 16S, COI and 28S genes and morphology. <i>Systematic Entomology</i> , 2002, 27, 337-359.	3.9	54
61	Review of the <I>Apanteles</I> Species (Hymenoptera: Braconidae) Attacking Lepidoptera in <I>Bombus</I> (<I>Fervidobombus</I>) (Hymenoptera: Apidae) Colonies in the New World, with Description of a New Species from South America. <i>Annals of the Entomological Society of America</i> , 2001, 94, 851-857.	2.5	17
62	Analytical Survey of the Braconid Wasp Fauna (Hymenoptera: Braconidae) on Six Midwestern U.S. Tallgrass Prairies. <i>Annals of the Entomological Society of America</i> , 2001, 94, 230-238.	2.5	14
63	Phylogenetic Signal in the COI, 16S, and 28S Genes for Inferring Relationships among Genera of Microgastrinae (Hymenoptera; Braconidae): Evidence of a High Diversification Rate in This Group of Parasitoids. <i>Molecular Phylogenetics and Evolution</i> , 1999, 12, 282-294.	2.7	131
64	Fundamentals of Entomology. <i>American Entomologist</i> , 1998, 44, 52-53.	0.2	0
65	Molecular and Morphological Data Suggest a Single Origin of the Polydnviruses among Braconid Wasps. <i>Die Naturwissenschaften</i> , 1997, 84, 502-507.	1.6	87
66	Latin American Insects and Entomology. <i>Annals of the Entomological Society of America</i> , 1996, 89, 153-154.	2.5	0
67	Museum Policies Concerning Specimen Loans for Molecular Systematic Research. <i>Molecular Phylogenetics and Evolution</i> , 1994, 3, 268-270.	2.7	15
68	The polyphyletic origin of endoparasitism in the cyclostome lineages of Braconidae (Hymenoptera). <i>Systematic Entomology</i> , 1992, 17, 273-286.	3.9	48
69	Annotated key to the genera of Braconidae (Hymenoptera) attacking leafmining Lepidoptera in the Holarctic Region. <i>Journal of Natural History</i> , 1991, 25, 733-754.	0.5	32
70	Identity and Phylogenetic Significance of the Metapostnotum in Nonaculeate Hymenoptera. <i>Annals of the Entomological Society of America</i> , 1989, 82, 663-673.	2.5	35
71	Revision of the Nearctic species of the genus <i>Stiropius</i> Cameron (=Bucculatriplex Auct.) with the description of a new related genus (Hymenoptera: Braconidae). <i>Systematic Entomology</i> , 1988, 13, 373-385.	3.9	12
72	Patterns in Host Ranges Within the Nearctic Species of the Parasitoid Genus <i>Pholetesor</i> Mason (Hymenoptera: Braconidae). <i>Environmental Entomology</i> , 1988, 17, 608-615.	1.4	20

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73	Clarification of the taxonomic status of the genera <i>Cantharoctonus</i> Viereck, <i>Noserus</i> Foerster and <i>Pseudavga</i> Tobias (Hymenoptera: Braconidae). <i>Systematic Entomology</i> , 1987, 12, 509-518.	3.9	7
74	Two new reared species of <i>Heteropteron</i> Brullé (Hymenoptera, Braconidae, Cardiochilinae) from northwest Costa Rica, with the first definitive host records for the genus. <i>Journal of Hymenoptera Research</i> , 0, 77, 151-165.	0.8	3
75	Resurrection of <i>Neocardiochiles</i> Szépligeti, 1908 (Hymenoptera, Braconidae, Cardiochilinae) with descriptions of five new species from the Neotropical region. <i>Journal of Hymenoptera Research</i> , 0, 91, 41-68.	0.8	1