

Brian M Wiegmann

List of Publications by Year in descending order

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75
papers

6,621
citations

125106

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87275

74
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docs citations

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times ranked

6794
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Phylogenomics reveals accelerated late Cretaceous diversification of bee flies (Diptera: Bombyliidae). <i>Cladistics</i> , 2021, 37, 276-297. | 1.5 | 12 |
| 2 | Beyond <i>Drosophila</i> : resolving the rapid radiation of schizophoran flies with phylotranscriptomics. <i>BMC Biology</i> , 2021, 19, 23. | 1.7 | 22 |
| 3 | Towards a new classification of Muscidae (Diptera): a comparison of hypotheses based on multiple molecular phylogenetic approaches. <i>Systematic Entomology</i> , 2021, 46, 508-525. | 1.7 | 20 |
| 4 | Colonization with multidrug-resistant Enterobacteriaceae among infants: an observational study in southern Sri Lanka. <i>Antimicrobial Resistance and Infection Control</i> , 2021, 10, 72. | 1.5 | 6 |
| 5 | New species and host plants of <i>Anastrepha</i> (Diptera: Tephritidae) primarily from Suriname and Pará, Brazil. <i>Zootaxa</i> , 2021, 5044, 1-74. | 0.2 | 7 |
| 6 | Anchored hybrid enrichment challenges the traditional classification of flesh flies (Diptera: Tephritidae). <i>Systematic Entomology</i> , 2021, 46, 508-525. | 1.7 | 32 |
| 7 | Phylogenomic analysis of Calyptratae: resolving the phylogenetic relationships within a major radiation of Diptera. <i>Cladistics</i> , 2019, 35, 605-622. | 1.5 | 51 |
| 8 | First Record of <i>Mansonia dyari</i> From Saint Croix, United States Virgin Islands. <i>Journal of the American Mosquito Control Association</i> , 2019, 35, 214-216. | 0.2 | 3 |
| 9 | Genomes of Diptera. <i>Current Opinion in Insect Science</i> , 2018, 25, 116-124. | 2.2 | 26 |
| 10 | Taxon sampling to address an ancient rapid radiation: a supermatrix phylogeny of early brachyceran flies (Diptera). <i>Systematic Entomology</i> , 2018, 43, 277-289. | 1.7 | 28 |
| 11 | Anchored phylogenomics unravels the evolution of spider flies (Diptera, Acroceridae) and reveals discordance between nucleotides and amino acids. <i>Molecular Phylogenetics and Evolution</i> , 2018, 128, 233-245. | 1.2 | 35 |
| 12 | Anchored enrichment dataset for true flies (order Diptera) reveals insights into the phylogeny of flower flies (family Syrphidae). <i>BMC Evolutionary Biology</i> , 2016, 16, 143. | 3.2 | 86 |
| 13 | The phylogeny of stiletto flies (Diptera: Therevidae). <i>Systematic Entomology</i> , 2016, 41, 144-161. | 1.7 | 12 |
| 14 | Molecular phylogeny of the horse flies: a framework for renewing tabanid taxonomy. <i>Systematic Entomology</i> , 2016, 41, 56-72. | 1.7 | 34 |
| 15 | Advances using molecular data in insect systematics. <i>Current Opinion in Insect Science</i> , 2016, 18, 40-47. | 2.2 | 13 |
| 16 | Editorial overview: Insect phylogenetics: an expanding toolbox to resolve evolutionary questions. <i>Current Opinion in Insect Science</i> , 2016, 18, 93-95. | 2.2 | 2 |
| 17 | Where do the Neotropical Empidini lineages (Diptera: Empididae: Empidinae) fit in a worldwide context?. <i>Molecular Phylogenetics and Evolution</i> , 2016, 95, 67-78. | 1.2 | 8 |
| 18 | Mitochondrial Genome Sequences and Structures Aid in the Resolution of Piropasmida phylogeny. <i>PLoS ONE</i> , 2016, 11, e0165702. | 1.1 | 92 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Say goodbye to tribes in the new house fly classification: A new molecular phylogenetic analysis and an updated biogeographical narrative for the Muscidae (Diptera). <i>Molecular Phylogenetics and Evolution</i> , 2015, 89, 1-12. | 1.2 | 44 |
| 20 | Phylogenomics resolves the timing and pattern of insect evolution. <i>Science</i> , 2014, 346, 763-767. | 6.0 | 2,096 |
| 21 | The phylogenetic relationships among infraorders and superfamilies of Diptera based on morphological evidence. <i>Systematic Entomology</i> , 2013, 38, 164-179. | 1.7 | 94 |
| 22 | A phylogenetic analysis of Sciomyzidae (Diptera) and some related genera. <i>Cladistics</i> , 2013, 29, 404-415. | 1.5 | 11 |
| 23 | <i>Flies: The Natural History and Diversity of Diptera</i> . By Stephen A. Marshall. Buffalo (New York): Firefly Books. \$125.00. 616 p.; ill.; index. ISBN: 978-1-77085-100-9. 2012.. <i>Quarterly Review of Biology</i> , 2013, 88, 359-359. | 0.0 | 0 |
| 24 | A revision of Afrotropical Quasimodo flies (Diptera: Schizophora; Curtonotidae). Part IV—the continental Afrotropical species of Curtonotum Macquart, with descriptions of thirteen new species and a combined phylogenetic analysis of the Curtonotidae. <i>Zootaxa</i> , 2013, 3684, 1-166. | 0.2 | 3 |
| 25 | The impact of the Manual of Nearctic Diptera on phylogenetic dipterology. <i>Canadian Entomologist</i> , 2012, 144, 197-205. | 0.4 | 3 |
| 26 | Advances in Insect Phylogeny at the Dawn of the Postgenomic Era. <i>Annual Review of Entomology</i> , 2012, 57, 449-468. | 5.7 | 212 |
| 27 | Rediscovery of the “terrible hairy fly”, <i>Mormotomyia hirsuta</i> Austen (Diptera: Mormotomyiidae), in Eastern Kenya, with Notes on Biology, Natural History, and Genetic Variation of the Ukasi Hill Population. <i>African Invertebrates</i> , 2011, 52, 363-390. | 0.5 | 11 |
| 28 | Episodic radiations in the fly tree of life. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 5690-5695. | 3.3 | 739 |
| 29 | Overcoming the effects of rogue taxa: Evolutionary relationships of the bee flies. <i>PLOS Currents</i> , 2011, 3, RRN1233. | 1.4 | 18 |
| 30 | On wings of lace: phylogeny and Bayesian divergence time estimates of Neuropterida (Insecta) based on morphological and molecular data. <i>Systematic Entomology</i> , 2010, 35, 349-378. | 1.7 | 174 |
| 31 | Phylogenetic synthesis of morphological and molecular data reveals new insights into the higher-level classification of Tipuloidea (Diptera). <i>Systematic Entomology</i> , 2010, 35, 526-545. | 1.7 | 55 |
| 32 | Molecular phylogeny of the Calyptratae (Diptera: Cyclorrhapha) with an emphasis on the superfamily Oestroidea and the position of Mystacinobiidae and McAlpine's fly. <i>Systematic Entomology</i> , 2010, 35, 614-635. | 1.7 | 151 |
| 33 | A multigene phylogeny of the fly superfamily Asiloidea (Insecta): Taxon sampling and additional genes reveal the sister-group to all higher flies (Cyclorrhapha). <i>Molecular Phylogenetics and Evolution</i> , 2010, 56, 918-930. | 1.2 | 27 |
| 34 | Phylogenetic analysis and temporal diversification of mosquitoes (Diptera: Culicidae) based on nuclear genes and morphology. <i>BMC Evolutionary Biology</i> , 2009, 9, 298. | 3.2 | 172 |
| 35 | Single-copy nuclear genes resolve the phylogeny of the holometabolous insects. <i>BMC Biology</i> , 2009, 7, 34. | 1.7 | 255 |
| 36 | Phylogenetic relationships of Ceratitis fruit flies inferred from nuclear CAD and tango/ARNT gene fragments: Testing monophyly of the subgenera Ceratitis (Ceratitis) and C. (Pterandrus). <i>Molecular Phylogenetics and Evolution</i> , 2009, 53, 412-424. | 1.2 | 12 |

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|----|---|-----|-----------|
| 37 | Supertrees and the Tree of Life: generating a metaphylogeny for a diverse invertebrate family (Insecta:Diptera:Therevidae) using constraint trees and the parsimony ratchet to overcome low taxon overlap. <i>Invertebrate Systematics</i> , 2009, 23, 171. | 0.5 | 11 |
| 38 | Molecular evolution of PISTILLATA-like genes in the dogwood genus <i>Cornus</i> (Cornaceae). <i>Molecular Phylogenetics and Evolution</i> , 2008, 47, 175-195. | 1.2 | 22 |
| 39 | The Muscoidea (Diptera: Calyptratae) are paraphyletic: Evidence from four mitochondrial and four nuclear genes. <i>Molecular Phylogenetics and Evolution</i> , 2008, 49, 639-652. | 1.2 | 77 |
| 40 | Phylogenetics and temporal diversification of the earliest true flies (Insecta: Diptera) based on multiple nuclear genes. <i>Systematic Entomology</i> , 2008, 33, 668-687. | 1.7 | 138 |
| 41 | Molecular phylogenetics of the Muscidae (Diptera:Calyptratae): new ideas in a congruence context. <i>Invertebrate Systematics</i> , 2007, 21, 263. | 0.5 | 37 |
| 42 | Monophyly and phylogenetic relationships of <i>Thereva</i> and therevine genus-groups (Insecta:Diptera:Therevidae) based on EF-1 α , 28S rDNA and mitochondrial 16S rDNA sequences. <i>Invertebrate Systematics</i> , 2007, 21, 279. | 0.5 | 9 |
| 43 | <p class="HeadingRunIn">Phylogeny and systematics of Diptera: Two decades of progress and prospects</p>. <i>Zootaxa</i> , 2007, 1668, 565-590. | 0.2 | 102 |
| 44 | Phylogeny and Bayesian divergence time estimations of small-headed flies (Diptera: Acroceridae) using multiple molecular markers. <i>Molecular Phylogenetics and Evolution</i> , 2007, 43, 808-832. | 1.2 | 63 |
| 45 | Phylogenetic relationships within the leaf-mining flies (Diptera: Agromyzidae) inferred from sequence data from multiple genes. <i>Molecular Phylogenetics and Evolution</i> , 2007, 42, 756-775. | 1.2 | 58 |
| 46 | The phylogenetic relationships of flies in the superfamily Empidoidea (Insecta: Diptera). <i>Molecular Phylogenetics and Evolution</i> , 2007, 43, 701-713. | 1.2 | 47 |
| 47 | The phylogeny and evolution of host choice in the Hippoboscoidea (Diptera) as reconstructed using four molecular markers. <i>Molecular Phylogenetics and Evolution</i> , 2007, 45, 111-122. | 1.2 | 139 |
| 48 | Evolutionary patterns in the antr-Cor gene in the dwarf dogwood complex (<i>Cornus</i> , Cornaceae). <i>Genetica</i> , 2007, 130, 19-34. | 0.5 | 10 |
| 49 | Evocoidae (Diptera: Asiloidea), a new family name for Ocoidae, based on <i>Evocoa</i> , a replacement name for the Chilean genus <i>Ocoa</i> Yeates, Irwin, and Wiegmann 2003. <i>Systematic Entomology</i> , 2006, 31, 373-373. | 1.7 | 1 |
| 50 | Phylogenetic analysis of <i>Themira</i> (Sepsidae: Diptera): sensitivity analysis, alignment, and indel treatment in a multigene study. <i>Cladistics</i> , 2005, 21, 258-271. | 1.5 | 21 |
| 51 | Phylogenetic analysis of the genus <i>Thricops</i> Rondani (Diptera: Muscidae) based on molecular and morphological characters. <i>Systematic Entomology</i> , 2004, 29, 395-414. | 1.7 | 14 |
| 52 | Treehopper trees: phylogeny of Membracidae (Hemiptera: Cicadomorpha: Membracoidea) based on molecules and morphology. <i>Systematic Entomology</i> , 2004, 29, 441-454. | 1.7 | 48 |
| 53 | Evolution and phylogenetic utility of CAD (rudimentary) among Mesozoic-aged Eremoneuran Diptera (Insecta). <i>Molecular Phylogenetics and Evolution</i> , 2004, 31, 363-378. | 1.2 | 200 |
| 54 | Heterogeneous evolution of the Myc-like Anthocyanin regulatory gene and its phylogenetic utility in <i>Cornus L.</i> (Cornaceae). <i>Molecular Phylogenetics and Evolution</i> , 2004, 33, 580-594. | 1.2 | 37 |

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|----|--|-----|-----------|
| 55 | Regarding the taxonomic status of <i>Ophyra</i> Robineau-Desvoidy (Diptera: Muscidae): A molecular approach. <i>Zootaxa</i> , 2004, 712, 1. | 0.2 | 12 |
| 56 | Ocoidae, a new family of asiloid flies (Diptera: Brachycera: Asiloidea), based on <i>Ocoa chilensis</i> gen. and sp.n. from Chile, South America. <i>Systematic Entomology</i> , 2003, 28, 417-431. | 1.7 | 19 |
| 57 | Time Flies, a New Molecular Time-Scale for Brachyceran Fly Evolution Without a Clock. <i>Systematic Biology</i> , 2003, 52, 745-756. | 2.7 | 144 |
| 58 | Time Flies, a New Molecular Time-Scale for Brachyceran Fly Evolution Without a Clock. <i>Systematic Biology</i> , 2003, 52, 745-756. | 2.7 | 39 |
| 59 | Time flies, a new molecular time-scale for brachyceran fly evolution without a clock. <i>Systematic Biology</i> , 2003, 52, 745-56. | 2.7 | 28 |
| 60 | Phylogenetic relationships of the lower Cyclorrhapha (Diptera: Brachycera) based on 28S rDNA sequences. <i>Insect Systematics and Evolution</i> , 2002, 33, 445-456. | 0.2 | 20 |
| 61 | Phylogenetic relationships and placement of the Empidoidea (Diptera: Brachycera) based on 28S rDNA and EF-1 α sequences. <i>Insect Systematics and Evolution</i> , 2002, 33, 421-444. | 0.2 | 42 |
| 62 | Evolution and phylogenetic information content of the ribosomal DNA repeat unit in the Blattodea (Insecta). <i>Insect Biochemistry and Molecular Biology</i> , 2002, 32, 951-960. | 1.2 | 23 |
| 63 | Combined molecular and morphological evidence on the phylogeny of the earliest lepidopteran lineages. <i>Zoologica Scripta</i> , 2002, 31, 67-81. | 0.7 | 49 |
| 64 | A phylogenetic analysis of Coelopidae (Diptera) based on morphological and DNA sequence data. <i>Molecular Phylogenetics and Evolution</i> , 2002, 25, 393-407. | 1.2 | 23 |
| 65 | Phylogenetic revision of Agapophytinae subf.n. (Diptera: Therevidae) based on molecular and morphological evidence. <i>Systematic Entomology</i> , 2001, 26, 173-211. | 1.7 | 37 |
| 66 | Nuclear Genes Resolve Mesozoic-Aged Divergences in the Insect Order Lepidoptera. <i>Molecular Phylogenetics and Evolution</i> , 2000, 15, 242-259. | 1.2 | 72 |
| 67 | Higher-Level Phylogeny of the Therevidae (Diptera: Insecta) Based on 28S Ribosomal and Elongation Factor-1 α Gene Sequences. <i>Molecular Phylogenetics and Evolution</i> , 2000, 15, 440-451. | 1.2 | 43 |
| 68 | Molecular Phylogenetics of the Holly Leafminers (Diptera: Agromyzidae: Phytomyza): Species Limits, Speciation, and Dietary Specialization. <i>Molecular Phylogenetics and Evolution</i> , 2000, 17, 244-255. | 1.2 | 85 |
| 69 | Phylogeny of the Treehoppers (Insecta: Hemiptera: Membracidae): Evidence from Two Nuclear Genes. <i>Molecular Phylogenetics and Evolution</i> , 2000, 17, 317-334. | 1.2 | 58 |
| 70 | Genetic, biochemical, and behavioral uniformity among populations of <i>Myzus nicotianae</i> and <i>Myzus persicae</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2000, 95, 269-281. | 0.7 | 28 |
| 71 | Monophyly and Relationships of the Tabanomorpha (Diptera: Brachycera) Based on 28S Ribosomal Gene Sequences. <i>Annals of the Entomological Society of America</i> , 2000, 93, 1031-1038. | 1.3 | 55 |
| 72 | Genetic Variation in the <i>Myzus persicae</i> Complex (Homoptera: Aphididae): Evidence for a Single Species. <i>Annals of the Entomological Society of America</i> , 2000, 93, 31-46. | 1.3 | 36 |

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|----|---|-----|-----------|
| 73 | Genetic Variation in <i>Beauveria bassiana</i> Populations Associated with the Darkling Beetle, <i>Alphitobius diaperinus</i> . <i>Journal of Invertebrate Pathology</i> , 1999, 73, 269-275. | 1.5 | 25 |
| 74 | EVOLUTIONARY ORIGIN OF THE CYCLORRHAPHA (DIPTERA): TEST OF ALTERNATIVE MORPHOLOGICAL HYPOTHESES. <i>Cladistics</i> , 1993, 9, 41-81. | 1.5 | 48 |
| 75 | Diversification of Carnivorous Parasitic Insects: Extraordinary Radiation or Specialized Dead End?. <i>American Naturalist</i> , 1993, 142, 737-754. | 1.0 | 127 |