

Jianhua Huang

List of Publications by Year in descending order

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91
papers

1,519
citations

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docs citations

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times ranked

1338
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | The autophagy pathway participates in resistance to <i>tomato yellow leaf curl virus</i> infection in whiteflies. <i>Autophagy</i> , 2016, 12, 1560-1574. | 9.1 | 108 |
| 2 | Mitochondrial phylogenomics of the Hymenoptera. <i>Molecular Phylogenetics and Evolution</i> , 2019, 131, 8-18. | 2.7 | 104 |
| 3 | Parasitic insect-derived miRNAs modulate host development. <i>Nature Communications</i> , 2018, 9, 2205. | 12.8 | 77 |
| 4 | Deep sequencing of <i>Cotesia vestalis</i> bracovirus reveals the complexity of a polydnavirus genome. <i>Virology</i> , 2011, 414, 42-50. | 2.4 | 70 |
| 5 | Two mitochondrial genomes from the families Bethyridae and Mutillidae: Independent rearrangement of protein-coding genes and higher-level phylogeny of the Hymenoptera. <i>Molecular Phylogenetics and Evolution</i> , 2014, 77, 1-10. | 2.7 | 57 |
| 6 | Multiple Lines of Evidence from Mitochondrial Genomes Resolve Phylogenetic Relationships of Parasitic Wasps in Braconidae. <i>Genome Biology and Evolution</i> , 2016, 8, 2651-2662. | 2.5 | 57 |
| 7 | Comparative and phylogenetic analysis of the mitochondrial genomes in basal hymenopterans. <i>Scientific Reports</i> , 2016, 6, 20972. | 3.3 | 56 |
| 8 | Title is missing!. <i>BioControl</i> , 2003, 48, 515-527. | 2.0 | 50 |
| 9 | Aphid dispersal flight disseminates fungal pathogens and parasitoids as natural control agents of aphids. <i>Ecological Entomology</i> , 2007, 32, 97-104. | 2.2 | 49 |
| 10 | Gene arrangement and sequence of mitochondrial genomes yield insights into the phylogeny and evolution of bees and sphecid wasps (Hymenoptera: Apoidea). <i>Molecular Phylogenetics and Evolution</i> , 2018, 124, 1-9. | 2.7 | 49 |
| 11 | Parasitoid polydnaviruses and immune interaction with secondary hosts. <i>Developmental and Comparative Immunology</i> , 2018, 83, 124-129. | 2.3 | 46 |
| 12 | Juvenile hormone signaling promotes ovulation and maintains egg shape by inducing expression of extracellular matrix genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, . | 7.1 | 37 |
| 13 | Yorkie and Hedgehog independently restrict BMP production in Escort cells to permit germline differentiation in the <i>Drosophila</i> ovary. <i>Development (Cambridge)</i> , 2017, 144, 2584-2594. | 2.5 | 32 |
| 14 | An investigation of irreproducibility in maximum likelihood phylogenetic inference. <i>Nature Communications</i> , 2020, 11, 6096. | 12.8 | 32 |
| 15 | A peptidoglycan recognition protein acts in whitefly (<i>Bemisia tabaci</i>) immunity and involves in Begomovirus acquisition. <i>Scientific Reports</i> , 2016, 6, 37806. | 3.3 | 31 |
| 16 | Flower-visiting insects and their potential impact on transgene flow in rice. <i>Journal of Applied Ecology</i> , 2014, 51, 1357-1365. | 4.0 | 27 |
| 17 | Two novel venom proteins underlie divergent parasitic strategies between a generalist and a specialist parasite. <i>Nature Communications</i> , 2021, 12, 234. | 12.8 | 25 |
| 18 | The first two mitochondrial genomes of the family Aphelinidae with novel gene orders and phylogenetic implications. <i>International Journal of Biological Macromolecules</i> , 2018, 118, 386-396. | 7.5 | 23 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | The Endoparasitoid, <i>Cotesia vestalis</i> , Regulates Host Physiology by Reprogramming the Neuropeptide Transcriptional Network. <i>Scientific Reports</i> , 2015, 5, 8173. | 3.3 | 22 |
| 20 | Transgenic plants expressing the AaIT/GNA fusion protein show increased resistance and toxicity to both chewing and sucking pests. <i>Insect Science</i> , 2016, 23, 265-276. | 3.0 | 22 |
| 21 | Biocontrol characteristics of the fruit fly pupal parasitoid <i>Trichopria drosophilae</i> (Hymenoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 T | 3.3 | 22 |
| 22 | <i>Cotesia vestalis</i> teratocytes express a diversity of genes and exhibit novel immune functions in parasitism. <i>Scientific Reports</i> , 2016, 6, 26967. | 3.3 | 20 |
| 23 | An illustrated key to the genera and subgenera of the Alysini (Hymenoptera, Braconidae, Alysiniinae), with three genera new for China. <i>ZooKeys</i> , 2017, 722, 37-79. | 1.1 | 20 |
| 24 | Migration trajectories of the diamondback moth <i>Plutella xylostella</i> in China inferred from population genomic variation. <i>Pest Management Science</i> , 2021, 77, 1683-1693. | 3.4 | 18 |
| 25 | Comparative transcriptome analysis of venom glands from <i>Cotesia vestalis</i> and <i>Diadromus collaris</i> , two endoparasitoids of the host <i>Plutella xylostella</i> . <i>Scientific Reports</i> , 2017, 7, 1298. | 3.3 | 17 |
| 26 | A trypsin inhibitor-like protein secreted by <i>Cotesia vestalis</i> teratocytes inhibits hemolymph prophenoloxidase activation of <i>Plutella xylostella</i> . <i>Journal of Insect Physiology</i> , 2019, 116, 41-48. | 2.0 | 17 |
| 27 | The genomes of two parasitic wasps that parasitize the diamondback moth. <i>BMC Genomics</i> , 2019, 20, 893. | 2.8 | 17 |
| 28 | The first two mitochondrial genomes of wood wasps (Hymenoptera: Symphyta): Novel gene rearrangements and higher-level phylogeny of the basal hymenopterans. <i>International Journal of Biological Macromolecules</i> , 2019, 123, 1189-1196. | 7.5 | 17 |
| 29 | Symbiotic bracovirus of a parasite manipulates host lipid metabolism via tachykinin signaling. <i>PLoS Pathogens</i> , 2021, 17, e1009365. | 4.7 | 17 |
| 30 | RNA interference of an antimicrobial peptide, <i>Btdef</i> , reduces <i>Tomato yellow leaf curl China virus</i> accumulation in the whitefly <i>Bemisia tabaci</i> . <i>Pest Management Science</i> , 2017, 73, 1421-1427. | 3.4 | 16 |
| 31 | Expression and functional characterization of odorant-binding protein genes in the endoparasitic wasp <i>Cotesia vestalis</i> . <i>Insect Science</i> , 2021, 28, 1354-1368. | 3.0 | 16 |
| 32 | Laccase 1 gene from <i>Plutella xylostella</i> (PxLac1) and its functions in humoral immune response. <i>Journal of Insect Physiology</i> , 2018, 107, 197-203. | 2.0 | 15 |
| 33 | Large-Scale Annotation and Evolution Analysis of MiRNA in Insects. <i>Genome Biology and Evolution</i> , 2021, 13, . | 2.5 | 15 |
| 34 | Bracoviruses recruit host integrases for their integration into caterpillar's genome. <i>PLoS Genetics</i> , 2021, 17, e1009751. | 3.5 | 15 |
| 35 | Neofunctionalization of an ancient domain allows parasites to avoid intraspecific competition by manipulating host behaviour. <i>Nature Communications</i> , 2021, 12, 5489. | 12.8 | 15 |
| 36 | The subgenus <i>Choeras</i> Mason, 1981 of genus <i>Apanteles</i> Foerster, 1862 (Hymenoptera, Braconidae,) Tj ETQq0 0 0 rgBT /Overlock 10 T | 6.5 | 14 |

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|----|---|-----|-----------|
| 37 | The genus <i>Saphonecrus</i> Dalla Torre et Kieffer, 1910 (Hymenoptera: Cynipidae) in China, with descriptions of two new species. <i>Biologia (Poland)</i> , 2010, 65, 1034-1039. | 1.5 | 13 |
| 38 | Molecular Identification of Two Prophenoloxidase-Activating Proteases From the Hemocytes of <i>Plutella xylostella</i> (Lepidoptera: Plutellidae) and Their Transcript Abundance Changes in Response to Microbial Challenges. <i>Journal of Insect Science</i> , 2014, 14, 179. | 1.5 | 13 |
| 39 | <i>Spathius</i> Nees, 1818 (Hymenoptera: Braconidae, Doryctinae) from China with a key to species. <i>Zootaxa</i> , 2015, 3960, 1. | 0.5 | 13 |
| 40 | Comparative mitogenomics and phylogenetics of the stinging wasps (Hymenoptera: Aculeata). <i>Molecular Phylogenetics and Evolution</i> , 2021, 159, 107119. | 2.7 | 13 |
| 41 | The mitochondrial genome of <i>Tenthredo tienmushana</i> (Takeuchi) and a related phylogenetic analysis of the sawflies (Insecta: Hymenoptera). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 2860-2861. | 0.7 | 12 |
| 42 | The mitochondrial genome of <i>Polistes jokahamae</i> and a phylogenetic analysis of the Vespoidea (Insecta: Hymenoptera). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 2783-2784. | 0.7 | 12 |
| 43 | Intron-targeted mutagenesis reveals roles for Dscam1 RNA pairing architecture-driven splicing bias in neuronal wiring. <i>Cell Reports</i> , 2021, 36, 109373. | 6.4 | 11 |
| 44 | Identification and Functional Analysis of Glutathione S-Transferases from <i>Sitophilus zeamais</i> in Olfactory Organ. <i>Insects</i> , 2022, 13, 259. | 2.2 | 11 |
| 45 | The <i>grandiculus</i> and <i>metacarpalis</i> -group of the genus <i>Apanteles</i> Foerster, 1862 (Hymenoptera, Braconidae, Microgastrinae) from China, with descriptions of eight new species. <i>Zootaxa</i> , 2014, 3765, 435. | 0.5 | 10 |
| 46 | Characterization of an Î-like gene in <i>Cotesia vestalis</i> polydnavirus. <i>Archives of Insect Biochemistry and Physiology</i> , 2008, 68, 71-78. | 1.5 | 8 |
| 47 | Effects of starvation on the vitellogenesis, ovarian development and fecundity in the ectoparasitoid, <i>Nasonia vitripennis</i> (Hymenoptera: Pteromalidae). <i>Insect Science</i> , 2008, 15, 429-440. | 3.0 | 8 |
| 48 | The <i>lacteus</i> -, <i>laspeyresiella</i> - and <i>mycetophilus</i> -groups of <i>Apanteles</i> Foerster, 1862 (Hymenoptera.) <i>Tj ETQq0 0 0 rgBT (Overlock 10 Tf 50</i> | 0.5 | 8 |
| 49 | The discovery of the genus <i>Spinadesha</i> (Hymenoptera, Braconidae, Braconinae) in China, with description of a new species. <i>Biologia (Poland)</i> , 2006, 61, 145-147. | 1.5 | 7 |
| 50 | The Genus <i>Minanga</i> Cameron (Hymenoptera: Braconidae) in China, with Description of a New Subgenus and Species. <i>Annals of the Entomological Society of America</i> , 2010, 103, 360-365. | 2.5 | 7 |
| 51 | Two types of lysozymes from the whitefly <i>Bemisia tabaci</i> : Molecular characterization and functional diversification. <i>Developmental and Comparative Immunology</i> , 2018, 81, 252-261. | 2.3 | 7 |
| 52 | Genome-Wide Profiling of <i>Diadegma semiclausum</i> Ichnovirus Integration in Parasitized <i>Plutella xylostella</i> Hemocytes Identifies Host Integration Motifs and Insertion Sites. <i>Frontiers in Microbiology</i> , 2020, 11, 608346. | 3.5 | 7 |
| 53 | Review of the genus <i>Taiwanomyrme</i> Tsuneki, 1993 (Hymenoptera, Mutillidae, Mutillinae), with description of two new species from China. <i>Zootaxa</i> , 2015, 4020, 588-600. | 0.5 | 6 |
| 54 | Effects of Transgenic Bt Rice on Nontarget <i>Rhopalosiphum maidis</i> (Homoptera: Aphididae). <i>Environmental Entomology</i> , 2016, 45, 1090-1096. | 1.4 | 6 |

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|----|---|------|-----------|
| 55 | The genus <i>Pholetesor</i> Mason, 1981 (Hymenoptera, Braconidae, Microgastrinae) from China, with descriptions of eleven new species. <i>Zootaxa</i> , 2016, 4150, 351. | 0.5 | 6 |
| 56 | <i>CLP</i> gene family, a new gene family of <i>Cotesia vestalis</i> bracovirus inhibits melanization of <i>Plutella xylostella</i> hemolymph. <i>Insect Science</i> , 2021, 28, 1567-1581. | 3.0 | 6 |
| 57 | Illustrated keys to Scoliidae (Insecta, Hymenoptera, Scoliioidea) from China. <i>ZooKeys</i> , 2021, 1025, 139-175. | 1.1 | 6 |
| 58 | Hidden RNA pairings counteract the “first-come, first-served” splicing principle to drive stochastic choice in <i>Dscam1</i> splice variants. <i>Science Advances</i> , 2022, 8, eabm1763. | 10.3 | 6 |
| 59 | A new subgenus of <i>Chelonus</i> Panzer, 1806 (Braconidae: Cheloninae) from China. <i>Zootaxa</i> , 2022, 5115, 288-294. | 0.5 | 6 |
| 60 | A Review of <i>Bracon (Rostrobracon)</i> (Hymenoptera: Braconidae: Braconinae) from China, With Description of One New Species. <i>Oriental Insects</i> , 2004, 38, 341-345. | 0.3 | 5 |
| 61 | Review of the genus <i>Cystomutilla</i> Andr , 1896 (Hymenoptera: Mutillidae: Sphaerophthalminae:) Tj ETQq1 1 0.784314 rgBT /Overlock 11 China. <i>Zootaxa</i> , 2014, 3889, 71-91. | 0.5 | 5 |
| 62 | The developmental transcriptome of <i>Trichopria drosophilae</i> (Hymenoptera: Diapriidae) and insights into cuticular protein genes. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2019, 29, 245-254. | 1.0 | 5 |
| 63 | The complete mitochondrial genome of <i>Asobara japonica</i> (Hymenoptera: Braconidae). <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 1279-1281. | 0.4 | 5 |
| 64 | A checklist of Scoliidae (Insecta: Hymenoptera) from China. <i>Zootaxa</i> , 2021, 4966, 101126. | 0.5 | 5 |
| 65 | General morphology and ultrastructure of the female reproductive apparatus of <i>Trichomalopsis shirakii</i> crawford (Hymenoptera, Pteromalidae). <i>Microscopy Research and Technique</i> , 2016, 79, 625-636. | 2.2 | 4 |
| 66 | The mitochondrial genome of <i>Aenasius arizonensis</i> (Hymenoptera: Encyrtidae) with novel gene order. <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 2023-2024. | 0.4 | 4 |
| 67 | Comparative Transcriptome Analysis Reveals Sex-Based Differences during the Development of the Adult Parasitic Wasp <i>Cotesia vestalis</i> (Hymenoptera: Braconidae). <i>Genes</i> , 2021, 12, 896. | 2.4 | 4 |
| 68 | The mitochondrial genome of <i>Chelonus formosanus</i> (Hymenoptera: Braconidae) with novel gene orders and phylogenetic implications. <i>Archives of Insect Biochemistry and Physiology</i> , 2022, , e21870. | 1.5 | 4 |
| 69 | Two new species of genus <i>Chablisea</i> Gauld et Dubois, 2006 (Hymenoptera: Ichneumonidae: Pimplinae) from China. <i>Biologia (Poland)</i> , 2009, 64, 1165-1169. | 1.5 | 3 |
| 70 | The genus <i>Polystenus</i> (Hymenoptera: Braconidae: Doryctinae)in China, with descriptions of two new species. <i>Journal of Insect Science</i> , 2014, 14, 66. | 1.5 | 3 |
| 71 | The complete mitochondrial genome of <i>Trichopria drosophilae</i> (Hymenoptera: Diapriidae). <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 2391-2393. | 0.4 | 3 |
| 72 | The genera <i>Areopraon</i> Mackauer, 1959 and <i>Pseudopraon</i> Star , 1975 (Hymenoptera, Braconidae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tt | 1.1 | 3 |

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|----|---|-----|-----------|
| 73 | The Dual Functions of a Bracovirus C-Type Lectin in Caterpillar Immune Response Manipulation. <i>Frontiers in Immunology</i> , 2022, 13, . | 4.8 | 3 |
| 74 | The genus Ademon Haliday (Hymenoptera: Braconidae: Opiinae) from China, with descriptions of two new species . <i>Zootaxa</i> , 2014, 3794, 294. | 0.5 | 2 |
| 75 | The genus Euurobracon Ashmead (Hymenoptera, Braconidae, Braconinae) in China, with description of three new species . <i>Zootaxa</i> , 2016, 4132, 383. | 0.5 | 2 |
| 76 | Comparative transcriptome analysis reveals a potential mechanism for host nutritional manipulation after parasitization by <i>Leptopilina boulardi</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2021, 39, 100862. | 1.0 | 2 |
| 77 | Virus and endogenous viral element-derived small non-coding RNAs and their roles in insect-virus interaction. <i>Current Opinion in Insect Science</i> , 2022, 49, 85-92. | 4.4 | 2 |
| 78 | THE DISCOVERY OF THE GENUS SHELFORDIA CAMERON (HYMENOPTERA: BRACONTOAE: BRACONINAE) IN CHINA, WITH DESCRIPTION OF ONE NEW SPECIES. <i>Insect Science</i> , 2003, 10, 215-220. | 3.0 | 1 |
| 79 | The genus <i>Asiabregma</i> Belokobylskij, Zaldivar & Maeto (Hymenoptera: Braconidae) from China, with description of a new species. <i>Entomological Science</i> , 2009, 12, 411-415. | 0.6 | 1 |
| 80 | The first mitochondrial genome of the living-fossil sawfly <i>Macroxyela ferruginea</i> (Hymenoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 40 | 0.4 | 1 |
| 81 | The mitochondrial genome of <i>Telenomus remus</i> (Hymenoptera: Platygasteridae). <i>Mitochondrial DNA Part B: Resources</i> , 2021, 6, 844-845. | 0.4 | 1 |
| 82 | Books Received. <i>Journal of Islamic Studies</i> , 2003, 14, 119-125. | 0.0 | 0 |
| 83 | Redescription of Aquatic Grass Inhabiting <i>Frankliniella zizaniophila</i> (Thripidae: Thripinae) With Remarks on Its Systematic Position Within the Genus <i>Frankliniella</i> (Thysanoptera). <i>Journal of Insect Science</i> , 2014, 14, 154. | 1.5 | 0 |
| 84 | The discovery of the genus Protodacnusa Griffiths, 1964 (Hymenoptera: Braconidae, Alysiniinae) in China, with descriptions of six new species . <i>Zootaxa</i> , 2015, 3990, 355. | 0.5 | 0 |
| 85 | The genus <i>Bassus</i> Fabricius, 1804 (Hymenoptera: Braconidae: Agathidinae) in China, with description of three new species. <i>Journal of Natural History</i> , 2017, 51, 2745-2758. | 0.5 | 0 |
| 86 | Taxonomy of Bethylus (Hymenoptera, Bethylinidae) from China with description of nine new species . <i>Zootaxa</i> , 2021, 4974, 361-382. | 0.5 | 0 |
| 87 | The genus Casinaria Holmgren, 1859 (Hymenoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 187 Td 504-536. | 0.5 | 0 |
| 88 | The complete mitochondrial genome of <i>Leptopilina syphax</i> (Hymenoptera: Figitidae). <i>Mitochondrial DNA Part B: Resources</i> , 2021, 6, 17-18. | 0.4 | 0 |
| 89 | Five new species of the genus <i>Sinophorus</i> Förster (Hymenoptera, Ichneumonidae, Campopleginae) from China. <i>Zootaxa</i> , 2021, 5061, 115-133. | 0.5 | 0 |
| 90 | The genus <i>Campoplex</i> Gravenhorst, 1829 (Hymenoptera, Ichneumonidae, Campopleginae) from China. <i>Zootaxa</i> , 2021, 5066, 1-121. | 0.5 | 0 |

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|----|--|-----|-----------|
| 91 | Characterization of Molting Process during the Different Developmental Stages of the Diamondback Moth <i>Plutella xylostella</i> . <i>Insects</i> , 2022, 13, 289. | 2.2 | 0 |