Min Shi

List of Publications by Year
in descending order

40 papers	717 citations	516710 16 h-index	580821 25 g-index
40 all docs	40 docs citations	40 times ranked	786 citing authors

#	Article	IF	Citations
1	Parasitic insect-derived miRNAs modulate host development. Nature Communications, 2018, 9, 2205.	12.8	77
2	Deep sequencing of Cotesia vestalis bracovirus reveals the complexity of a polydnavirus genome. Virology, 2011, 414, 42-50.	2.4	70
3	Multiple Lines of Evidence from Mitochondrial Genomes Resolve Phylogenetic Relationships of Parasitic Wasps in Braconidae. Genome Biology and Evolution, 2016, 8, 2651-2662.	2.5	57
4	Parasitoid polydnaviruses and immune interaction with secondary hosts. Developmental and Comparative Immunology, 2018, 83, 124-129.	2.3	46
5	Utility of Multi-Gene Loci for Forensic Species Diagnosis of Blowflies. Journal of Insect Science, 2011, 11, 1-12.	1.5	34
6	A peptidoglycan recognition protein acts in whitefly (Bemisia tabaci) immunity and involves in Begomovirus acquisition. Scientific Reports, 2016, 6, 37806.	3.3	31
7	Flowerâ€visiting insects and their potential impact on transgene flow in rice. Journal of Applied Ecology, 2014, 51, 1357-1365.	4.0	27
8	Four Heat Shock Protein Genes of the Endoparasitoid Wasp, Cotesia vestalis, and Their Transcriptional Profiles in Relation to Developmental Stages and Temperature. PLoS ONE, 2013, 8, e59721.	2.5	25
9	Two novel venom proteins underlie divergent parasitic strategies between a generalist and a specialist parasite. Nature Communications, 2021, 12, 234.	12.8	25
10	The Endoparasitoid, Cotesia vestalis, Regulates Host Physiology by Reprogramming the Neuropeptide Transcriptional Network. Scientific Reports, 2015, 5, 8173.	3.3	22
11	Cotesia vestalis teratocytes express a diversity of genes and exhibit novel immune functions in parasitism. Scientific Reports, 2016, 6, 26967.	3.3	20
12	Changes in hemocytes of Plutella xylostella after parasitism by Diadegma semiclausum. Archives of Insect Biochemistry and Physiology, 2009, 70, 177-187.	1.5	17
13	Alleviation of cadmium toxicity by potassium supplementation involves various physiological and biochemical features in Nicotiana tabacum L.. Acta Physiologiae Plantarum, 2017, 39, 1.	2.1	17
14	Comparative transcriptome analysis of venom glands from Cotesia vestalis and Diadromus collaris, two endoparasitoids of the host Plutella xylostella. Scientific Reports, 2017, 7, 1298.	3.3	17
15	A trypsin inhibitor-like protein secreted by Cotesia vestalis teratocytes inhibits hemolymph prophenoloxidase activation of Plutella xylostella. Journal of Insect Physiology, 2019, 116, 41-48.	2.0	17
16	The genomes of two parasitic wasps that parasitize the diamondback moth. BMC Genomics, 2019, 20, 893.	2.8	17
17	Symbiotic bracovirus of a parasite manipulates host lipid metabolism via tachykinin signaling. PLoS Pathogens, 2021, 17, e1009365.	4.7	17
18	FOUR SERINE PROTEASE cDNAS FROM THE MIDGUT OF Plutella xylostella AND THEIR PROTEINASE ACTIVITY ARE INFLUENCED BY THE ENDOPARASITOID, Cotesia vestalis. Archives of Insect Biochemistry and Physiology, 2013, 83, 101-114.	1.5	16

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19	Expression and functional characterization of odorantâ€binding protein genes in the endoparasitic wasp Cotesia vestalis. Insect Science, 2021, 28, 1354-1368.	3.0	16
20	Laccase 1 gene from Plutella xylostella (PxLac1) and its functions in humoral immune response. Journal of Insect Physiology, 2018, 107, 197-203.	2.0	15
21	Bracoviruses recruit host integrases for their integration into caterpillarâ€™s genome. PLoS Genetics, 2021, 17, e1009751.	3.5	15
22	Neofunctionalization of an ancient domain allows parasites to avoid intraspecific competition by manipulating host behaviour. Nature Communications, 2021, 12, 5489.	12.8	15
23	Molecular Identification of Two Prophenoloxidase-Activating Proteases From the Hemocytes of Plutella xylostella (Lepidoptera: Plutellidae) and Their Transcript Abundance Changes in Response to Microbial Challenges. Journal of Insect Science, 2014, 14, 179.	1.5	13
24	Identification and characterization of defensin genes from the endoparasitoid wasp Cotesia vestalis (Hymenoptera: Braconidae). Journal of Insect Physiology, 2013, 59, 1095-1103.	2.0	12
25	Characterization of an Ilº Bâ€like gene in Cotesia vestalis polydnavirus. Archives of Insect Biochemistry and Physiology, 2008, 68, 71-78.	1.5	8
26	Genome-Wide Profiling of Diadegma semiclausum Ichnovirus Integration in Parasitized Plutella xylostella Hemocytes Identifies Host Integration Motifs and Insertion Sites. Frontiers in Microbiology, 2020, 11, 608346.	3.5	7
27	A serpin (<scp>CvT</scp>â€serpin15) of teratocytes contributes to microbialâ€resistance in <scp>Plutella xylostella</scp> during <scp>Cotesia vestalis</scp> parasitism. Pest Management Science, 2021, 77, 4730-4740.	3.4	7
28	A teratocyteâ€specific serpin from the endoparasitoid wasp Cotesia vestalis inhibits the prophenoloxidaseâ€activating system of its host Plutella xylostella. Insect Molecular Biology, 2022, 31, 202-215.	2.0	7
29	Effects of Transgenic Bt Rice on NontargetRhopalosiphum maidis(Homoptera: Aphididae). Environmental Entomology, 2016, 45, 1090-1096.	1.4	6
30	Genotype-dependent effects of phosphorus supply on physiological and biochemical responses to Al-stress in cultivated and Tibetan wild barley. Plant Growth Regulation, 2017, 82, 259-270.	3.4	6
31	Bioinspired Conical Micropattern Modulates Cell Behaviors. ACS Applied Bio Materials, 2018, 1, 1416-1423.	4.6	6
32	CLP gene family, a new gene family of Cotesia vestalis bracovirus inhibits melanization of Plutella xylostella hemolymph. Insect Science, 2021, 28, 1567-1581.	3.0	6
33	The developmental transcriptome of Trichopria drosophilae (Hymenoptera: Diapriidae) and insights into cuticular protein genes. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2019, 29, 245-254.	1.0	5
34	The complete mitochondrial genome of Asobara japonica (Hymenoptera: Braconidae). Mitochondrial DNA Part B: Resources, 2020, 5, 1279-1281.	0.4	5
35	General morphology and ultrastructure of the female reproductive apparatus of Trichomalopsis shirakii crawford (Hymenoptera, Pteromalidae). Microscopy Research and Technique, 2016, 79, 625-636.	2.2	4
36	Comparative Transcriptome Analysis Reveals Sex-Based Differences during the Development of the Adult Parasitic Wasp Cotesia vestalis (Hymenoptera: Braconidae). Genes, 2021, 12, 896.	2.4	4

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37	The complete mitochondrial genome of Trichopria drosophilae (Hymenoptera: Diapriidae). Mitochondrial DNA Part B: Resources, 2020, 5, 2391-2393.	0.4	3
38	The Dual Functions of a Bracovirus C-Type Lectin in Caterpillar Immune Response Manipulation. Frontiers in Immunology, 2022, 13, .	4.8	3
39	Comparative transcriptome analysis reveals a potential mechanism for host nutritional manipulation after parasitization by Leptopilina boulardi. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2021, 39, 100862.	1.0	2
40	Characterization of Molting Process during the Different Developmental Stages of the Diamondback Moth Plutella xylostella. Insects, 2022, 13, 289.	2.2	0