

Min Shi

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

717
citations

516710

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docs citations

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times ranked

786
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	A teratocyte-specific serpin from the endoparasitoid wasp <i>Cotesia vestalis</i> inhibits the prophenoloxidase-activating system of its host <i>Plutella xylostella</i> . <i>Insect Molecular Biology</i> , 2022, 31, 202-215.	2.0	7
3	The Dual Functions of a Bracovirus C-Type Lectin in Caterpillar Immune Response Manipulation. <i>Frontiers in Immunology</i> , 2022, 13, .	4.8	3
4	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
5	<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
6	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
7	Symbiotic bracovirus of a parasite manipulates host lipid metabolism via tachykinin signaling. <i>PLoS Pathogens</i> , 2021, 17, e1009365.	4.7	17
8	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
9	A serpin (<i>CvT-serpin15</i>) of teratocytes contributes to microbial resistance in <i>Plutella xylostella</i> during <i>Cotesia vestalis</i> parasitism. <i>Pest Management Science</i> , 2021, 77, 4730-4740.	3.4	7
10	Bracoviruses recruit host integrases for their integration into caterpillar's genome. <i>PLoS Genetics</i> , 2021, 17, e1009751.	3.5	15
11	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
12	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
13	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
14	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
15	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
16	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
17	The genomes of two parasitic wasps that parasitize the diamondback moth. <i>BMC Genomics</i> , 2019, 20, 893.	2.8	17
18	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

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19	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
20	Parasitoid polydnviruses and immune interaction with secondary hosts. <i>Developmental and Comparative Immunology</i> , 2018, 83, 124-129.	2.3	46
21	Bioinspired Conical Micropattern Modulates Cell Behaviors. <i>ACS Applied Bio Materials</i> , 2018, 1, 1416-1423.	4.6	6
22	Parasitic insect-derived miRNAs modulate host development. <i>Nature Communications</i> , 2018, 9, 2205.	12.8	77
23	Genotype-dependent effects of phosphorus supply on physiological and biochemical responses to Al-stress in cultivated and Tibetan wild barley. <i>Plant Growth Regulation</i> , 2017, 82, 259-270.	3.4	6
24	Alleviation of cadmium toxicity by potassium supplementation involves various physiological and biochemical features in <i>Nicotiana tabacum</i> L.. <i>Acta Physiologiae Plantarum</i> , 2017, 39, 1.	2.1	17
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	Effects of Transgenic Bt Rice on Nontarget <i>Rhopalosiphum maidis</i> (Homoptera: Aphididae). <i>Environmental Entomology</i> , 2016, 45, 1090-1096.	1.4	6
27	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
28	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
29	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
30	<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
31	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
32	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
33	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
34	FOUR SERINE PROTEASE cDNAS FROM THE MIDGUT OF <i>Plutella xylostella</i> AND THEIR PROTEINASE ACTIVITY ARE INFLUENCED BY THE ENDOPARASITOID, <i>Cotesia vestalis</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2013, 83, 101-114.	1.5	16
35	Identification and characterization of defensin genes from the endoparasitoid wasp <i>Cotesia vestalis</i> (Hymenoptera: Braconidae). <i>Journal of Insect Physiology</i> , 2013, 59, 1095-1103.	2.0	12
36	Four Heat Shock Protein Genes of the Endoparasitoid Wasp, <i>Cotesia vestalis</i> , and Their Transcriptional Profiles in Relation to Developmental Stages and Temperature. <i>PLoS ONE</i> , 2013, 8, e59721.	2.5	25

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37	Utility of Multi-Gene Loci for Forensic Species Diagnosis of Blowflies. <i>Journal of Insect Science</i> , 2011, 11, 1-12.	1.5	34
38	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
39	Changes in hemocytes of <i>Plutella xylostella</i> after parasitism by <i>Diadegma semiclausum</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2009, 70, 177-187.	1.5	17
40	Characterization of an Ω -like gene in <i>Cotesia vestalis</i> polydnavirus. <i>Archives of Insect Biochemistry and Physiology</i> , 2008, 68, 71-78.	1.5	8