Jia-Ying Zhu

List of Publications by Year
in descending order

62	1,022	430874 18	501196 28
papers	citations	h-index	g-index

63	63	63	966
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Proteomic analysis of the venom from the endoparasitoid waspPteromalus puparum(Hymenoptera: Pteromalidae). Archives of Insect Biochemistry and Physiology, 2010, 75, 28-44.	1.5	63
2	Genome-wide analysis of ionotropic receptor gene repertoire in Lepidoptera with an emphasis on its functions of Helicoverpa armigera. Insect Biochemistry and Molecular Biology, 2018, 99, 37-53.	2.7	63
3	Molecular cloning and characterization of acid phosphatase in venom of the endoparasitoid wasp Pteromalus puparum (Hymenoptera: Pteromalidae). Toxicon, 2008, 51, 1391-1399.	1.6	58
4	Transcriptomic Immune Response of Tenebrio molitor Pupae to Parasitization by Scleroderma guani. PLoS ONE, 2013, 8, e54411.	2.5	54
5	Expression of immune-response genes in lepidopteran host is suppressed by venom from an endoparasitoid, Pteromalus puparum. BMC Genomics, 2010, 11, 484.	2.8	49
6	Global Transcriptome Profiling of the Pine Shoot Beetle, Tomicus yunnanensis (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 T	2.5	47
7	Isolation and characterization of an immunosuppressive protein from venom of the pupa-specific endoparasitoid Pteromalus puparum. Journal of Invertebrate Pathology, 2008, 99, 186-191.	3.2	40
8	Identification and tissue distribution of odorant binding protein genes in the beet armyworm, Spodoptera exigua. Journal of Insect Physiology, 2013, 59, 722-728.	2.0	29
9	Identification and characterization of chemosensory gene families in the bark beetle, Tomicus yunnanensis. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2018, 25, 73-85.	1.0	28
10	Genome-based analysis reveals a novel SNMP group of the Coleoptera and chemosensory receptors in Rhaphuma horsfieldi. Genomics, 2020, 112, 2713-2728.	2.9	28
11	High coloration efficiency and fast switching speed of poly(amic acid-imide)s containing triphenylamine in acidic electrolyte. RSC Advances, 2015, 5, 11071-11076.	3.6	27
12	Genome-based identification and analysis of ionotropic receptors in Spodoptera litura. Die Naturwissenschaften, 2018, 105, 38.	1.6	27
13	Morphology and ultrastructure of the venom apparatus in the endoparasitic wasp Pteromalus puparum (Hymenoptera: Pteromalidae). Micron, 2008, 39, 926-933.	2.2	26
14	Venom of Pteromalus puparum (Hymenoptera: Pteromalidae) induced endocrine changes in the hemolymph of its host, Pieris rapae (Lepidoptera: Pieridae). Archives of Insect Biochemistry and Physiology, 2009, 71, 45-53.	1.5	26
15	Global Transcriptional Analysis of Olfactory Genes in the Head of Pine Shoot Beetle,Tomicus yunnanensis. Comparative and Functional Genomics, 2012, 2012, 1-10.	2.0	22
16	VENOM OF THE PARASITOID WASP Pteromalus puparum CONTAINS AN ODORANT BINDING PROTEIN. Archives of Insect Biochemistry and Physiology, 2015, 88, 101-110.	1.5	21
17	Heat shock protein genes (hsp20, hsp75 and hsp90) from Pieris rapae: Molecular cloning and transcription in response to parasitization by Pteromalus puparum. Insect Science, 2013, 20, 183-193.	3.0	20
18	The ionotropic receptor gene family in Lepidoptera and Trichoptera: Annotation, evolutionary and functional perspectives. Genomics, 2021, 113, 601-612.	2.9	20

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19	Development and Characterization of Novel Microsatellite Markers for the Peach Fruit Moth Carposina sasakii (Lepidoptera: Carposinidae) Using Next-Generation Sequencing. International Journal of Molecular Sciences, 2016, 17, 362.	4.1	19
20	Molecular cloning and functional study of calreticulin from a lepidopteran pest, Pieris rapae. Developmental and Comparative Immunology, 2012, 38, 55-65.	2.3	18
21	Migration trajectories of the diamondback moth Plutella xylostella in China inferred from population genomic variation. Pest Management Science, 2021, 77, 1683-1693.	3.4	18
22	Deciphering the main venom components of the ectoparasitic ant-like bethylid wasp, Scleroderma guani. Toxicon, 2016, 113, 32-40.	1.6	16
23	Prophenoloxidase from Pieris rapae: gene cloning, activity, and transcription in response to venom/calyx fluid from the endoparasitoid wasp Cotesia glomerata. Journal of Zhejiang University: Science B, 2011, 12, 103-115.	2.8	15
24	Upregulation of coleoptericin transcription in Tenebrio molitor parasitized by Scleroderma guani. Journal of Asia-Pacific Entomology, 2014, 17, 339-342.	0.9	15
25	Unraveling the venom components of an encyrtid endoparasitoid wasp Diversinervus elegans. Toxicon, 2017, 136, 15-26.	1.6	15
26	A pathogenic picorna-like virus from the endoparasitoid wasp, Pteromalus puparum: Initial discovery and partial genomic characterization. Virus Research, 2008, 138, 144-149.	2.2	14
27	Patterns of genetic variation among geographic and host-plant associated populations of the peach fruit moth Carposina sasakii (Lepidoptera: Carposinidae). BMC Evolutionary Biology, 2017, 17, 265.	3.2	14
28	Parasitism and venom of ectoparasitoid Scleroderma guani impairs host cellular immunity. Archives of Insect Biochemistry and Physiology, 2018, 98, e21451.	1.5	14
29	Identification and characterization of detoxification genes in two cerambycid beetles, Rhaphuma horsfieldi and Xylotrechus quadripes (Coleoptera: Cerambycidae: Clytini). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2020, 243-244, 110431.	1.6	14
30	Mitochondrial genome of the pine tip mothRhyacionia leptotubula(Lepidoptera: Tortricidae). Mitochondrial DNA, 2012, 23, 376-378.	0.6	13
31	De novo Assembly and Characterization of the Global Transcriptome for Rhyacionia leptotubula Using Illumina Paired-End Sequencing. PLoS ONE, 2013, 8, e81096.	2.5	13
32	Proteome changes in the plasma of Papilio xuthus (Lepidoptera: Papilionidae): effect of parasitization by the endoparasitic wasp Pteromalus puparum (Hymenoptera: Pteromalidae). Journal of Zhejiang University: Science B, 2009, 10, 445-453.	2.8	12
33	PARASITIZATION BY SCLERODERMA GUANI INFLUENCES EXPRESSION OF SUPEROXIDE DISMUTASE GENES IN TENEBRIO MOLITOR. Archives of Insect Biochemistry and Physiology, 2014, 87, 40-52.	1.5	12
34	Venomics reveals novel ion transport peptide-likes (ITPLs) from the parasitoid wasp Tetrastichus brontispae. Toxicon, 2018, 141, 88-93.	1.6	12
35	Local climate adaptation and gene flow in the native range of two coâ€occurring fruit moths with contrasting invasiveness. Molecular Ecology, 2021, 30, 4204-4219.	3.9	12
36	Alkaline Phosphatase from Venom of the Endoparasitoid Wasp,Pteromalus puparum. Journal of Insect Science, 2010, 10, 1-15.	1.5	10

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37	Proteome changes in the plasma of Pieris rapae parasitized by the endoparasitoid wasp Pteromalus puparum. Journal of Zhejiang University: Science B, 2011, 12, 93-102.	2.8	10
38	Superoxide dismutase from venom of the ectoparasitoid Scleroderma guani inhibits melanization of hemolymph. Archives of Insect Biochemistry and Physiology, 2018, 99, e21503.	1.5	10
39	Parasitism of Pieris rapae (Lepidoptera: Pieridae) by the endoparasitic wasp Pteromalus puparum (Hymenoptera: Pteromalidae): Effects of parasitism on differential hemocyte counts, microâ€and ultraâ€structures of host hemocytes. Insect Science, 2012, 19, 485-497.	3.0	9
40	Parasitization by Scleroderma guani influences protein expression in Tenebrio molitor pupae. Journal of Insect Physiology, 2014, 66, 37-44.	2.0	8
41	Chemosensory Transmembrane Protein Families in the Coffee White Stemborer, Xylotrechus quadripes (Coleoptera: Cerambycidae). Environmental Entomology, 2018, 47, 969-981.	1.4	8
42	cDNA of an arylphorinâ€type storage protein from Pieris rapae with parasitism inducible expression by the endoparasitoid wasp Pteromalus puparum. Insect Science, 2009, 16, 227-236.	3.0	7
43	Development of microsatellite markers for the plant bug, Pachypeltis micranthus (Hemiptera: Miridae). Applied Entomology and Zoology, 2016, 51, 327-331.	1.2	7
44	Venom serine proteinase homolog of the ectoparasitoid Scleroderma guani impairs host phenoloxidase cascade. Toxicon, 2020, 183, 29-35.	1.6	7
45	Genomic and Transcriptomic Analysis Reveals Cuticular Protein Genes Responding to Different Insecticides in Fall Armyworm Spodoptera frugiperda. Insects, 2021, 12, 997.	2.2	7
46	Morphology and ultrastructure of the male reproductive system of the jewel wasp, Nasonia vitripennis (Walker) (Hymenoptera: Pteromalidae). Journal of Asia-Pacific Entomology, 2017, 20, 577-582.	0.9	6
47	De novo transcriptomic analysis of the alimentary tract of the tephritid gall fly, Procecidochares utilis. PLoS ONE, 2018, 13, e0201679.	2.5	6
48	De novo transcriptome analysis and identification of genes associated with immunity, detoxification and energy metabolism from the fat body of the tephritid gall fly, Procecidochares utilis. PLoS ONE, 2019, 14, e0226039.	2.5	5
49	Identification and preliminary characterization of chemosensory-related proteins in the gall fly, Procecidochares utilis by transcriptomic analysis. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2020, 36, 100724.	1.0	5
50	Identification of differentially expressed genes from Trichoderma atroviride strain SS003 in the presence of cell wall of Cronartium ribicola. Genes and Genomics, 2017, 39, 473-484.	1.4	4
51	Detection of food source by PCR analysis of the gut contents of Aldrichina grahami (Aldrich) (Diptera: Calliphoridae) during post-feeding period. Insect Science, 2007, 14, 47.	3.0	3
52	High-yield synthesis of silicon nanoparticles via the perpendicular pulsed laser ablation in the inert gas. Optoelectronics Letters, 2010, 6, 81-84.	0.8	3
53	Genomic and transcriptomic analyses of chitin metabolism enzymes in Tenebrio molitor. Archives of Insect Biochemistry and Physiology, 2022, 111, .	1.5	3
54	The mitochondrial genome of the garden pea leafminer Chromatomyia horticola (Goureau, 1851) (Diptera: Agromyzidae). Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2016, 27, 2653-2655.	0.7	2

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55	Genome sequence of a novel member of the order Picornavirales from the endoparasitoid wasp Diversinervus elegans. Archives of Virology, 2021, 166, 295-297.	2.1	2
56	Metabolic dynamics across prolonged diapause development in larvae of the sawfly, Cephalcia chuxiongica (Hymenoptera: Pamphiliidae). Journal of Asia-Pacific Entomology, 2021, 24, 1-1.	0.9	2
57	Identification and Characterization of the Detoxification Genes Based on the Transcriptome of Tomicus yunnanensis. Diversity, 2022, 14, 23.	1.7	2
58	Review: The Sultan of Vezirs: The Life and Times of the Ottoman Grand Vezir Mahmud Pasha Angelovic (1453â€“1474)â€ Theoharis Stavrides. Journal of Islamic Studies, 2003, 14, 116-118.	0.0	1
59	Molecular and enzymatic characterization of acid phosphatase from venom of Scleroderma guani. Journal of Asia-Pacific Entomology, 2017, 20, 1434-1441.	0.9	1
60	The Wnt gene family in Tenebrio molitor and other coleopterans. Archives of Insect Biochemistry and Physiology, 2022, , e21915.	1.5	0
61	Comparative genomic analysis of ABC transporter genes in Tenebrio molitor and four other tenebrionid beetles (Coleoptera: Tenebrionidea). Archives of Insect Biochemistry and Physiology, 2022, , e21916.	1.5	0
62	Characterization and expression profiling of serine protease inhibitors in the yellow mealworm Tenebrio molitor. Archives of Insect Biochemistry and Physiology, 0, , .	1.5	0