

# Jia-Ying Zhu

## List of Publications by Year in descending order

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62  
papers

1,022  
citations

430874

18  
h-index

501196

28  
g-index

63  
all docs

63  
docs citations

63  
times ranked

966  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification and Characterization of the Detoxification Genes Based on the Transcriptome of <i>Tomicus yunnanensis</i> . <i>Diversity</i> , 2022, 14, 23.	1.7	2
2	The Wnt gene family in <i>Tenebrio molitor</i> and other coleopterans. <i>Archives of Insect Biochemistry and Physiology</i> , 2022, , e21915.	1.5	0
3	Comparative genomic analysis of ABC transporter genes in <i>Tenebrio molitor</i> and four other tenebrionid beetles (Coleoptera: Tenebrionidea). <i>Archives of Insect Biochemistry and Physiology</i> , 2022, , e21916.	1.5	0
4	Genomic and transcriptomic analyses of chitin metabolism enzymes in <i>Tenebrio molitor</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2022, 111, .	1.5	3
5	The ionotropic receptor gene family in Lepidoptera and Trichoptera: Annotation, evolutionary and functional perspectives. <i>Genomics</i> , 2021, 113, 601-612.	2.9	20
6	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
7	Genome sequence of a novel member of the order Picornavirales from the endoparasitoid wasp <i>Diversinervus elegans</i> . <i>Archives of Virology</i> , 2021, 166, 295-297.	2.1	2
8	Metabolic dynamics across prolonged diapause development in larvae of the sawfly, <i>Cephalcia chuxiongica</i> (Hymenoptera: Pamphiliidae). <i>Journal of Asia-Pacific Entomology</i> , 2021, 24, 1-1.	0.9	2
9	Local climate adaptation and gene flow in the native range of two co-occurring fruit moths with contrasting invasiveness. <i>Molecular Ecology</i> , 2021, 30, 4204-4219.	3.9	12
10	Genomic and Transcriptomic Analysis Reveals Cuticular Protein Genes Responding to Different Insecticides in Fall Armyworm <i>Spodoptera frugiperda</i> . <i>Insects</i> , 2021, 12, 997.	2.2	7
11	Identification and preliminary characterization of chemosensory-related proteins in the gall fly, <i>Procecidochares utilis</i> by transcriptomic analysis. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2020, 36, 100724.	1.0	5
12	Identification and characterization of detoxification genes in two cerambycid beetles, <i>Rhaphuma horsfieldi</i> and <i>Xylotrechus quadripes</i> (Coleoptera: Cerambycidae: Clytini). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2020, 243-244, 110431.	1.6	14
13	Venom serine proteinase homolog of the ectoparasitoid <i>Scleroderma guani</i> impairs host phenoloxidase cascade. <i>Toxicon</i> , 2020, 183, 29-35.	1.6	7
14	Genome-based analysis reveals a novel SNMP group of the Coleoptera and chemosensory receptors in <i>Rhaphuma horsfieldi</i> . <i>Genomics</i> , 2020, 112, 2713-2728.	2.9	28
15	De novo transcriptome analysis and identification of genes associated with immunity, detoxification and energy metabolism from the fat body of the tephritid gall fly, <i>Procecidochares utilis</i> . <i>PLoS ONE</i> , 2019, 14, e0226039.	2.5	5
16	Parasitism and venom of ectoparasitoid <i>Scleroderma guani</i> impairs host cellular immunity. <i>Archives of Insect Biochemistry and Physiology</i> , 2018, 98, e21451.	1.5	14
17	Identification and characterization of chemosensory gene families in the bark beetle, <i>Tomicus yunnanensis</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2018, 25, 73-85.	1.0	28
18	Venomomics reveals novel ion transport peptide-likes (ITPLs) from the parasitoid wasp <i>Tetrastichus brontispae</i> . <i>Toxicon</i> , 2018, 141, 88-93.	1.6	12

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19	Genome-wide analysis of ionotropic receptor gene repertoire in Lepidoptera with an emphasis on its functions of <i>Helicoverpa armigera</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2018, 99, 37-53.	2.7	63
20	Genome-based identification and analysis of ionotropic receptors in <i>Spodoptera litura</i> . <i>Die Naturwissenschaften</i> , 2018, 105, 38.	1.6	27
21	Chemosensory Transmembrane Protein Families in the Coffee White Stemborer, <i>Xylotrechus quadripes</i> (Coleoptera: Cerambycidae). <i>Environmental Entomology</i> , 2018, 47, 969-981.	1.4	8
22	Superoxide dismutase from venom of the ectoparasitoid <i>Scleroderma guani</i> inhibits melanization of hemolymph. <i>Archives of Insect Biochemistry and Physiology</i> , 2018, 99, e21503.	1.5	10
23	De novo transcriptomic analysis of the alimentary tract of the tephritid gall fly, <i>Procecidochares utilis</i> . <i>PLoS ONE</i> , 2018, 13, e0201679.	2.5	6
24	Identification of differentially expressed genes from <i>Trichoderma atroviride</i> strain SS003 in the presence of cell wall of <i>Cronartium ribicola</i> . <i>Genes and Genomics</i> , 2017, 39, 473-484.	1.4	4
25	Morphology and ultrastructure of the male reproductive system of the jewel wasp, <i>Nasonia vitripennis</i> (Walker) (Hymenoptera: Pteromalidae). <i>Journal of Asia-Pacific Entomology</i> , 2017, 20, 577-582.	0.9	6
26	Molecular and enzymatic characterization of acid phosphatase from venom of <i>Scleroderma guani</i> . <i>Journal of Asia-Pacific Entomology</i> , 2017, 20, 1434-1441.	0.9	1
27	Unraveling the venom components of an encyrtid endoparasitoid wasp <i>Diversinervus elegans</i> . <i>Toxicon</i> , 2017, 136, 15-26.	1.6	15
28	Patterns of genetic variation among geographic and host-plant associated populations of the peach fruit moth <i>Carposina sasakii</i> (Lepidoptera: Carposinidae). <i>BMC Evolutionary Biology</i> , 2017, 17, 265.	3.2	14
29	Development and Characterization of Novel Microsatellite Markers for the Peach Fruit Moth <i>Carposina sasakii</i> (Lepidoptera: Carposinidae) Using Next-Generation Sequencing. <i>International Journal of Molecular Sciences</i> , 2016, 17, 362.	4.1	19
30	Development of microsatellite markers for the plant bug, <i>Pachypeltis micranthus</i> (Hemiptera: Miridae). <i>Applied Entomology and Zoology</i> , 2016, 51, 327-331.	1.2	7
31	Deciphering the main venom components of the ectoparasitic ant-like bethylid wasp, <i>Scleroderma guani</i> . <i>Toxicon</i> , 2016, 113, 32-40.	1.6	16
32	The mitochondrial genome of the garden pea leafminer <i>Chromatomyia horticola</i> (Goureau, 1851) (Diptera: Agromyzidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 2653-2655.	0.7	2
33	High coloration efficiency and fast switching speed of poly(amic acid-imide)s containing triphenylamine in acidic electrolyte. <i>RSC Advances</i> , 2015, 5, 11071-11076.	3.6	27
34	VENOM OF THE PARASITOID WASP <i>Pteromalus puparum</i> CONTAINS AN ODORANT BINDING PROTEIN. <i>Archives of Insect Biochemistry and Physiology</i> , 2015, 88, 101-110.	1.5	21
35	Upregulation of coleoptericin transcription in <i>Tenebrio molitor</i> parasitized by <i>Scleroderma guani</i> . <i>Journal of Asia-Pacific Entomology</i> , 2014, 17, 339-342.	0.9	15
36	PARASITIZATION BY <i>SCLERODERMA GUANI</i> INFLUENCES EXPRESSION OF SUPEROXIDE DISMUTASE GENES IN <i>TENEBRIO MOLITOR</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2014, 87, 40-52.	1.5	12

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37	Parasitization by <i>Scleroderma guani</i> influences protein expression in <i>Tenebrio molitor</i> pupae. <i>Journal of Insect Physiology</i> , 2014, 66, 37-44.	2.0	8
38	Heat shock protein genes ( <i>hsp20</i> , <i>hsp75</i> and <i>hsp90</i> ) from <i>Pieris rapae</i> : Molecular cloning and transcription in response to parasitization by <i>Pteromalus puparum</i> . <i>Insect Science</i> , 2013, 20, 183-193.	3.0	20
39	Identification and tissue distribution of odorant binding protein genes in the beet armyworm, <i>Spodoptera exigua</i> . <i>Journal of Insect Physiology</i> , 2013, 59, 722-728.	2.0	29
40	Transcriptomic Immune Response of <i>Tenebrio molitor</i> Pupae to Parasitization by <i>Scleroderma guani</i> . <i>PLoS ONE</i> , 2013, 8, e54411.	2.5	54
41	De novo Assembly and Characterization of the Global Transcriptome for <i>Rhyacionia leptotubula</i> Using Illumina Paired-End Sequencing. <i>PLoS ONE</i> , 2013, 8, e81096.	2.5	13
42	Mitochondrial genome of the pine tip moth <i>Rhyacionia leptotubula</i> (Lepidoptera: Tortricidae). <i>Mitochondrial DNA</i> , 2012, 23, 376-378.	0.6	13
43	Global Transcriptional Analysis of Olfactory Genes in the Head of Pine Shoot Beetle, <i>Tomicus yunnanensis</i> . <i>Comparative and Functional Genomics</i> , 2012, 2012, 1-10.	2.0	22
44	Molecular cloning and functional study of calreticulin from a lepidopteran pest, <i>Pieris rapae</i> . <i>Developmental and Comparative Immunology</i> , 2012, 38, 55-65.	2.3	18
45	Parasitism of <i>Pieris rapae</i> (Lepidoptera: Pieridae) by the endoparasitic wasp <i>Pteromalus puparum</i> (Hymenoptera: Pteromalidae): Effects of parasitism on differential hemocyte counts, micro- and ultra-structures of host hemocytes. <i>Insect Science</i> , 2012, 19, 485-497.	3.0	9
46	Global Transcriptome Profiling of the Pine Shoot Beetle, <i>Tomicus yunnanensis</i> (Coleoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf_50 382 T	2.5	47
47	Proteome changes in the plasma of <i>Pieris rapae</i> parasitized by the endoparasitoid wasp <i>Pteromalus puparum</i> . <i>Journal of Zhejiang University: Science B</i> , 2011, 12, 93-102.	2.8	10
48	Prophenoloxidase from <i>Pieris rapae</i> : gene cloning, activity, and transcription in response to venom/calyx fluid from the endoparasitoid wasp <i>Cotesia glomerata</i> . <i>Journal of Zhejiang University: Science B</i> , 2011, 12, 103-115.	2.8	15
49	High-yield synthesis of silicon nanoparticles via the perpendicular pulsed laser ablation in the inert gas. <i>Optoelectronics Letters</i> , 2010, 6, 81-84.	0.8	3
50	Expression of immune-response genes in lepidopteran host is suppressed by venom from an endoparasitoid, <i>Pteromalus puparum</i> . <i>BMC Genomics</i> , 2010, 11, 484.	2.8	49
51	Proteomic analysis of the venom from the endoparasitoid wasp <i>Pteromalus puparum</i> (Hymenoptera: Pteromalidae). <i>Archives of Insect Biochemistry and Physiology</i> , 2010, 75, 28-44.	1.5	63
52	Alkaline Phosphatase from Venom of the Endoparasitoid Wasp, <i>Pteromalus puparum</i> . <i>Journal of Insect Science</i> , 2010, 10, 1-15.	1.5	10
53	Venom of <i>Pteromalus puparum</i> (Hymenoptera: Pteromalidae) induced endocrine changes in the hemolymph of its host, <i>Pieris rapae</i> (Lepidoptera: Pieridae). <i>Archives of Insect Biochemistry and Physiology</i> , 2009, 71, 45-53.	1.5	26
54	cDNA of an arylphorin-type storage protein from <i>Pieris rapae</i> with parasitism inducible expression by the endoparasitoid wasp <i>Pteromalus puparum</i> . <i>Insect Science</i> , 2009, 16, 227-236.	3.0	7

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55	Proteome changes in the plasma of <i>Papilio xuthus</i> (Lepidoptera: Papilionidae): effect of parasitization by the endoparasitic wasp <i>Pteromalus puparum</i> (Hymenoptera: Pteromalidae). <i>Journal of Zhejiang University: Science B</i> , 2009, 10, 445-453.	2.8	12
56	Morphology and ultrastructure of the venom apparatus in the endoparasitic wasp <i>Pteromalus puparum</i> (Hymenoptera: Pteromalidae). <i>Micron</i> , 2008, 39, 926-933.	2.2	26
57	Isolation and characterization of an immunosuppressive protein from venom of the pupa-specific endoparasitoid <i>Pteromalus puparum</i> . <i>Journal of Invertebrate Pathology</i> , 2008, 99, 186-191.	3.2	40
58	A pathogenic picorna-like virus from the endoparasitoid wasp, <i>Pteromalus puparum</i> : Initial discovery and partial genomic characterization. <i>Virus Research</i> , 2008, 138, 144-149.	2.2	14
59	Molecular cloning and characterization of acid phosphatase in venom of the endoparasitoid wasp <i>Pteromalus puparum</i> (Hymenoptera: Pteromalidae). <i>Toxicon</i> , 2008, 51, 1391-1399.	1.6	58
60	Detection of food source by PCR analysis of the gut contents of <i>Aldrichina grahami</i> (Aldrich) (Diptera: Calliphoridae) during post-feeding period. <i>Insect Science</i> , 2007, 14, 47.	3.0	3
61	Review: The Sultan of Vezirs: The Life and Times of the Ottoman Grand Vezir Mahmud Pasha Angelovic (1453â€“1474)â€™ Theoharis Stavrides. <i>Journal of Islamic Studies</i> , 2003, 14, 116-118.	0.0	1
62	Characterization and expression profiling of serine protease inhibitors in the yellow mealworm <i>Tenebrio molitor</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 0, , .	1.5	0