

# Su Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

656  
citations

567281

15  
h-index

610901

24  
g-index

35  
all docs

35  
docs citations

35  
times ranked

546  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of candidate chemosensory genes in the antennal transcriptome of <i>Tenebrio molitor</i> (Coleoptera: Tenebrionidae). <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2015, 13, 44-51.	1.0	74
2	Identification of Putative Carboxylesterase and Glutathione S-transferase Genes from the Antennae of the <i>Chilo suppressalis</i> (Lepidoptera: Pyralidae). <i>Journal of Insect Science</i> , 2015, 15, 103.	1.5	45
3	Identification and characterisation of seventeen glutathione S-transferase genes from the cabbage white butterfly <i>Pieris rapae</i> . <i>Pesticide Biochemistry and Physiology</i> , 2017, 143, 102-110.	3.6	45
4	RNA interference of NADPH-cytochrome P450 reductase of the rice brown planthopper, <i>Nilaparvata lugens</i> , increases susceptibility to insecticides. <i>Pest Management Science</i> , 2015, 71, 32-39.	3.4	44
5	Identification of Candidate Odorant-Binding Protein and Chemosensory Protein Genes in <i>Cyrtorhinus lividipennis</i> (Hemiptera: Miridae), a Key Predator of the Rice Planthoppers in Asia. <i>Environmental Entomology</i> , 2017, 46, 654-662.	1.4	41
6	GLUTATHIONE S-TRANSFERASE Genes IN THE RICE LEAFFOLDER, <i>Cnaphalocrocis medinalis</i> (LEPIDOPTERA: PYRALIDAE): IDENTIFICATION AND EXPRESSION PROFILES. <i>Archives of Insect Biochemistry and Physiology</i> , 2015, 90, 1-13.	1.5	39
7	IDENTIFICATION AND CHARACTERIZATION OF TWO SENSORY NEURON MEMBRANE PROTEINS FROM <i>Cnaphalocrocis medinalis</i> (LEPIDOPTERA: PYRALIDAE). <i>Archives of Insect Biochemistry and Physiology</i> , 2013, 82, 29-42.	1.5	36
8	Aphicidal Activity of <i>Illicium verum</i> Fruit Extracts and Their Effects on the Acetylcholinesterase and Glutathione S-transferases Activities in <i>Myzus persicae</i> (Hemiptera: Aphididae). <i>Journal of Insect Science</i> , 2016, 16, 11.	1.5	26
9	Transcriptome sequencing reveals abundant olfactory genes in the antennae of the rice leaffolder, <i>Cnaphalocrocis medinalis</i> (Lepidoptera: Pyralidae). <i>Entomological Science</i> , 2017, 20, 177-188.	0.6	25
10	Identification and expression analysis of putative chemoreception genes from <i>Cyrtorhinus lividipennis</i> (Hemiptera: Miridae) antennal transcriptome. <i>Scientific Reports</i> , 2018, 8, 12981.	3.3	25
11	Identification and expression profiles of putative chemosensory protein genes in <i>Cnaphalocrocis medinalis</i> (Lepidoptera: Pyralidae). <i>Journal of Asia-Pacific Entomology</i> , 2015, 18, 99-105.	0.9	20
12	Identification of putative carboxylesterase and aldehyde oxidase genes from the antennae of the rice leaffolder, <i>Cnaphalocrocis medinalis</i> (Lepidoptera: Pyralidae). <i>Journal of Asia-Pacific Entomology</i> , 2017, 20, 907-913.	0.9	20
13	A heat shock protein protects against oxidative stress induced by lambda-cyhalothrin in the green peach aphid <i>Myzus persicae</i> . <i>Pesticide Biochemistry and Physiology</i> , 2022, 181, 104995.	3.6	20
14	Cloning, functional characterization, and expression profiles of NADPH-cytochrome P450 reductase gene from the Asiatic rice striped stem borer, <i>Chilo suppressalis</i> (Lepidoptera: Pyralidae). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2013, 166, 225-231.	1.6	17
15	Odorant-Binding Proteins and Chemosensory Proteins from an Invasive Pest <i>Lissorhoptrus oryzophilus</i> (Coleoptera: Curculionidae). <i>Environmental Entomology</i> , 2016, 45, 1276-1286.	1.4	16
16	Molecular Characterization and Expression Analysis of Two Acetylcholinesterase Genes From the Small White Butterfly <i>Pieris rapae</i> (Lepidoptera: Pieridae). <i>Journal of Insect Science</i> , 2018, 18, .	1.5	13
17	Identification and expression profiles of putative cytochrome P450 monooxygenase genes from <i>Cnaphalocrocis medinalis</i> (Lepidoptera: Pyralidae). <i>Entomological Research</i> , 2015, 45, 141-149.	1.1	12
18	Identification of putative cytochrome P450 monooxygenase genes from the small white butterfly, <i>Pieris rapae</i> (Lepidoptera: Pieridae), and their response to insecticides. <i>Archives of Insect Biochemistry and Physiology</i> , 2018, 98, e21455.	1.5	11

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19	Molecular Characterization of a Mitochondrial Manganese Superoxide Dismutase From <i>Chilo suppressalis</i> (Lepidoptera: Crambidae). <i>Journal of Economic Entomology</i> , 2018, 111, 2391-2400.	1.8	11
20	Identification of Olfactory Genes From the Greater Wax Moth by Antennal Transcriptome Analysis. <i>Frontiers in Physiology</i> , 2021, 12, 663040.	2.8	11
21	Cloning, Tissue Distribution, and Transmembrane Orientation of the Olfactory Co-Receptor Orco from Two Important Lepidopteran Rice Pests, the Leaffolder ( <i>Cnaphalocrocis medinalis</i> ) and the Striped Stem Borer ( <i>Chilo suppressalis</i> ). <i>Journal of Integrative Agriculture</i> , 2013, 12, 1816-1825.	3.5	10
22	Chemical composition of <i>Illicium verum</i> fruit extract and its bioactivity against the peachâ€“potato aphid, <i>Myzus persicae</i> (Sulzer). <i>Arthropod-Plant Interactions</i> , 2017, 11, 203-212.	1.1	10
23	Composition and Expression of Heat Shock Proteins in an Invasive Pest, The Rice Water Weevil (Coleoptera: Curculionidae). <i>Florida Entomologist</i> , 2014, 97, 611-619.	0.5	9
24	Identification and Expression Profiles of 14 Odorant-Binding Protein Genes From <i>Pieris rapae</i> (Lepidoptera: Pieridae). <i>Journal of Insect Science</i> , 2020, 20, .	1.5	9
25	Molecular characterization of a delta class glutathione S-transferase gene from the black cutworm <i>Agrotis ipsilon</i> . <i>Journal of Asia-Pacific Entomology</i> , 2017, 20, 1175-1182.	0.9	8
26	Molecular characterization of a NADPHâ€“cytochrome P450 reductase gene from the rice leaffolder, <i>Cnaphalocrocis medinalis</i> (Lepidoptera: Pyralidae). <i>Applied Entomology and Zoology</i> , 2018, 53, 19-27.	1.2	8
27	Identification of six heat shock protein 70 genes in <i>Lasioderma serricorne</i> (Coleoptera: Anobiidae) and their responses to temperature stress. <i>Journal of Asia-Pacific Entomology</i> , 2021, 24, 597-605.	0.9	8
28	CONSTRUCTION AND ANALYSIS OF ANTENNAL cDNA LIBRARY FROM RICE STRIPED STEM BORER, <i>Chilo suppressalis</i> (WALKER) (LEPIDOPTERA: PYRALIDAE), AND EXPRESSION PROFILES OF PUTATIVE ODORANT-BINDING PROTEIN AND CHEMOSENSORY PROTEIN GENES. <i>Archives of Insect Biochemistry and Physiology</i> , 2015, 89, 35-53.	1.5	7
29	Characterisation of a copper/zinc superoxide dismutase from <i>Pieris rapae</i> and its role in protecting against oxidative stress induced by chlorantraniliprole. <i>Pesticide Biochemistry and Physiology</i> , 2021, 174, 104825.	3.6	7
30	Identification and Functional Analysis of Differentially Expressed Genes in <i>Myzus persicae</i> (Hemiptera: Aphididae) in Response to Trans-anethole. <i>Journal of Insect Science</i> , 2022, 22, .	1.5	7
31	MOLECULAR CHARACTERIZATION OF TWO ACETYLCHOLINESTERASE GENES FROM THE RICE LEAFFOLDER, <i>Cnaphalocrocis medinalis</i> (LEPIDOPTERA: PYRALIDAE). <i>Archives of Insect Biochemistry and Physiology</i> , 2016, 93, 129-142.	1.5	5
32	Knockdown of the olfactory co-receptor Orco impairs mate recognition in <i>Tenebrio molitor</i> (Coleoptera: Tenebrionidae). <i>Journal of Asia-Pacific Entomology</i> , 2016, 19, 503-508.	0.9	5
33	Molecular characterization of a typical 2â€“Cys thioredoxin peroxidase from the Asiatic rice borer <i>Chilo suppressalis</i> and its role in oxidative stress. <i>Archives of Insect Biochemistry and Physiology</i> , 2018, 99, e21476.	1.5	5
34	Molecular characterization of a catalase gene from the green peach aphid ( <i>Myzus persicae</i> ). <i>Archives of Insect Biochemistry and Physiology</i> , 2021, 108, e21835.	1.5	4
35	Genome-wide analysis of chemosensory protein genes in the small white butterfly <i>Pieris rapae</i> (Lepidoptera: Pieridae). <i>Journal of Asia-Pacific Entomology</i> , 2020, 23, 772-780.	0.9	3