

Su Liu

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Identification of Olfactory Genes From the Greater Wax Moth by Antennal Transcriptome Analysis. <i>Frontiers in Physiology</i> , 2021, 12, 663040.	2.8	11
5	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
6	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
7	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
8	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
9	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
10	Molecular characterization of a NADPH-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
11	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
12	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
13	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
14	Molecular characterization of a typical 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
15	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
16	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
17	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
18	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

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19	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
20	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
21	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
22	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
23	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
24	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
25	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
26	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
27	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
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	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
30	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
31	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
32	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
33	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
34	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
35	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