

# Zhen Li

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

368  
citations

933447

10  
h-index

839539

18  
g-index

20  
all docs

20  
docs citations

20  
times ranked

302  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification and validation of reference genes for normalization of gene expression analysis using qRT-PCR in <i>Helicoverpa armigera</i> (Lepidoptera: Noctuidae). <i>Gene</i> , 2015, 555, 393-402.	2.2	110
2	Comparison of gut bacterial communities and their associations with host diets in four fruit borers. <i>Pest Management Science</i> , 2020, 76, 1353-1362.	3.4	46
3	Variability of Gut Microbiota Across the Life Cycle of <i>Grapholita molesta</i> (Lepidoptera: Tortricidae). <i>Frontiers in Microbiology</i> , 2020, 11, 1366.	3.5	38
4	Nanocarrier-mediated transdermal dsRNA-NPF1 delivery system contributes to pest control via inhibiting feeding behavior in <i>Grapholita molesta</i> . <i>Journal of Pest Science</i> , 2022, 95, 983-995.	3.7	20
5	MicroRNA-277 regulates dopa decarboxylase to control larval-pupal and pupal-adult metamorphosis of <i>Helicoverpa armigera</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2020, 122, 103391.	2.7	19
6	Odorant degrading carboxylesterases modulate foraging and mating behaviors of <i>Grapholita molesta</i> . <i>Chemosphere</i> , 2021, 270, 128647.	8.2	19
7	Effects of Nucleopolyhedrovirus Infection on the Development of <i>Helicoverpa armigera</i> (Lepidoptera: Noctuidae) and Expression of Its 20-Hydroxyecdysone and Juvenile Hormone Related Genes. <i>Florida Entomologist</i> , 2015, 98, 682-689.	0.5	16
8	De novo characterization of microRNAs in oriental fruit moth <i>Grapholita molesta</i> and selection of reference genes for normalization of microRNA expression. <i>PLoS ONE</i> , 2017, 12, e0171120.	2.5	16
9	Molecular Characterization of Primary Juvenile Hormone Responders Methoprene-Tolerant (Met) and Kr4ppel Homolog 1 (Kr-h1) in <i>Grapholita molesta</i> (Lepidoptera: Tortricidae) with Clarification of Their Roles in Metamorphosis and Reproduction. <i>Journal of Economic Entomology</i> , 2019, 112, 2369-2380.	1.8	13
10	Glutaredoxins and thioredoxin peroxidase involved in defense of emamectin benzoate induced oxidative stress in <i>Grapholita molesta</i> . <i>Pesticide Biochemistry and Physiology</i> , 2021, 176, 104881.	3.6	13
11	Laboratory and field studies supporting augmentation biological control of oriental fruit moth, <i>Grapholita molesta</i> (Lepidoptera: Tortricidae), using <i>Trichogramma dendrolimi</i> (Hymenoptera: Trichogrammatidae). <i>Pest Management Science</i> , 2021, 77, 2795-2803.	3.4	12
12	Host Plant Infection by Soybean Mosaic Virus Reduces the Fitness of Its Vector, <i>Aphis glycines</i> (Hemiptera: Aphididae). <i>Journal of Economic Entomology</i> , 2018, 111, 2017-2023.	1.8	10
13	Molecular Identification of Two Thioredoxin Genes From <i>Grapholita molesta</i> and Their Function in Resistance to Emamectin Benzoate. <i>Frontiers in Physiology</i> , 2018, 9, 1421.	2.8	9
14	MicroRNAs miR-14 and miR-2766 regulate tyrosine hydroxylase to control larval-pupal metamorphosis in <i>Helicoverpa armigera</i> . <i>Pest Management Science</i> , 2022, 78, 3540-3550.	3.4	7
15	Baculoviruses hijack the visual perception of their caterpillar hosts to induce climbing behaviour thus promoting virus dispersal. <i>Molecular Ecology</i> , 2022, 31, 2752-2765.	3.9	6
16	Coordinated transcriptomics and peptidomics of central nervous system identify neuropeptides and their G protein-coupled receptors in the oriental fruit moth <i>Grapholita molesta</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2021, 40, 100882.	1.0	4
17	Laboratory evaluation of the compatibility of <i>Beauveria bassiana</i> with the egg parasitoid <i>Trichogramma dendrolimi</i> (Hymenoptera: Trichogrammatidae) for joint application against the oriental fruit moth <i>Grapholita molesta</i> (Lepidoptera: Tortricidae). <i>Pest Management Science</i> , 2022, 78, 3608-3619.	3.4	4
18	Reference gene selection for transcriptional profiling in <i>Cryptocercus punctulatus</i> , an evolutionary link between Isoptera and Blattodea. <i>Scientific Reports</i> , 2020, 10, 22169.	3.3	3

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19	Molecular characterization of <i>insulin receptor</i> ( <i>IR</i> ) in oriental fruit moth, <i>Grapholita molesta</i> (Lepidoptera: Tortricidae), and elucidation of its regulatory roles in glucolipid homeostasis and metamorphosis through interaction with <i>miR-982490</i> . <i>Insect Molecular Biology</i> , 0, . . .	2.0	3
20	High temperature exposure reduces the susceptibility of <i>Helicoverpa armigera</i> to its nucleopolyhedrovirus ( <i>HearNPV</i> ) by enhancing expression of heat shock proteins. <i>Pest Management Science</i> , 2022, , .	3.4	0