

Hai-Zhong Yu

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

370
citations

759233

12
h-index

839539

18
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22
all docs

22
docs citations

22
times ranked

326
citing authors

#	ARTICLE	IF	CITATIONS
1	Silencing of the Chitin Synthase Gene Is Lethal to the Asian Citrus Psyllid, <i>Diaphorina citri</i> . <i>International Journal of Molecular Sciences</i> , 2019, 20, 3734.	4.1	37
2	Comparative Transcriptome Analysis of <i>Bombyx mori</i> (Lepidoptera) Larval Midgut Response to BmNPV in Susceptible and Near-Isogenic Resistant Strains. <i>PLoS ONE</i> , 2016, 11, e0155341.	2.5	36
3	Inhibition of trehalase affects the trehalose and chitin metabolism pathways in <i>Diaphorina citri</i> (Hemiptera: Psyllidae). <i>Insect Science</i> , 2021, 28, 718-734.	3.0	35
4	Transcriptome Analyses of <i>Diaphorina citri</i> Midgut Responses to <i>Candidatus Liberibacter Asiaticus</i> Infection. <i>Insects</i> , 2020, 11, 171.	2.2	33
5	Comparative Subcellular Proteomics Analysis of Susceptible and Near-isogenic Resistant <i>Bombyx mori</i> (Lepidoptera) Larval Midgut Response to BmNPV infection. <i>Scientific Reports</i> , 2017, 7, 45690.	3.3	32
6	<i>Bombyx mori</i> Serpin6 regulates prophenoloxidase activity and the expression of antimicrobial proteins. <i>Gene</i> , 2017, 610, 64-70.	2.2	26
7	Potential roles of two Cathepsin genes, DcCath-L and DcCath-O in the innate immune response of <i>Diaphorina citri</i> . <i>Journal of Asia-Pacific Entomology</i> , 2019, 22, 1060-1069.	0.9	19
8	Potential roles of insect Tropomyosin1-X1 isoform in the process of <i>Candidatus Liberibacter asiaticus</i> infection of <i>Diaphorina citri</i> . <i>Journal of Insect Physiology</i> , 2019, 114, 125-135.	2.0	17
9	Identification of Genes Putatively Involved in Chitin Metabolism and Insecticide Detoxification in the Rice Leaf Folder (<i>Cnaphalocrocis medinalis</i>) Larvae through Transcriptomic Analysis. <i>International Journal of Molecular Sciences</i> , 2015, 16, 21873-21896.	4.1	16
10	Identification and Functional Analysis of Two Chitin Synthase Genes in the Common Cutworm, <i>Spodoptera litura</i> . <i>Insects</i> , 2020, 11, 253.	2.2	16
11	Identification of Four ATP-Binding Cassette Transporter Genes in <i>Cnaphalocrocis medinalis</i> and Their Expression in Response to Insecticide Treatment. <i>Journal of Insect Science</i> , 2017, 17, .	1.5	14
12	Identification and expression profiles of chitin deacetylase genes in the rice leaf folder, <i>Cnaphalocrocis medinalis</i> . <i>Journal of Asia-Pacific Entomology</i> , 2016, 19, 691-696.	0.9	12
13	Molecular characterisation of Apolipoprotein III gene in <i>Samia cynthia ricini</i> and its roles in response to bacterial infection. <i>Journal of Invertebrate Pathology</i> , 2018, 159, 61-70.	3.2	12
14	Isolation of ferritin and its interaction with BmNPV in the silkworm, <i>Bombyx mori</i> . <i>Developmental and Comparative Immunology</i> , 2018, 86, 130-137.	2.3	12
15	Comparative transcriptome analysis reveals significant metabolic alterations in eri-silkworm (<i>Samia</i>) Tj ETQq1 1 0.784314 rgBT ₁₂ /Overlaid	2.5	12
16	Molecular Characterization and Functional Analysis of a Ferritin Heavy Chain Subunit from the Eri-Silkworm, <i>Samia cynthia ricini</i> . <i>International Journal of Molecular Sciences</i> , 2017, 18, 2126.	4.1	11
17	Molecular Characterization of Two Mitogen-Activated Protein Kinases: p38 MAP Kinase and Ribosomal S6 Kinase From <i>Bombyx mori</i> (Lepidoptera: Bombycidae), and Insight Into Their Roles in Response to BmNPV Infection. <i>Journal of Insect Science</i> , 2019, 19, .	1.5	10
18	Validamycin treatment significantly inhibits the glycometabolism and chitin synthesis in the common cutworm, <i>Spodoptera litura</i> . <i>Insect Science</i> , 2021, . .	3.0	6

#	ARTICLE	IF	CITATIONS
19	Identification and functional analysis of an iron-binding protein, ferritin heavy chain subunit, from the swallowtail butterfly, <i>Papilio xuthus</i> . Archives of Insect Biochemistry and Physiology, 2019, 102, e21592.	1.5	5
20	Integrated transcriptome sequencing and RNA interference reveals molecular changes in <i>Diaphorina citri</i> after exposure to validamycin. Insect Science, 2021, 28, 1690-1707.	3.0	5
21	Identification of FerLCH, isolation of ferritin and functional analysis related to interaction with pathogens in Eri silkworm, <i>Samia cynthia ricini</i> . Archives of Insect Biochemistry and Physiology, 2020, 104, e21659.	1.5	3
22	Functional analysis of a peptidoglycan recognition protein involved in the immune response in the common cutworm, <i>Spodoptera litura</i> . Archives of Insect Biochemistry and Physiology, 2022, 109, e21858.	1.5	1