

Hengchuan Xia

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

365
citations

1163117

8
h-index

839539

18
g-index

23
all docs

23
docs citations

23
times ranked

484
citing authors

#	ARTICLE	IF	CITATIONS
1	Peptidoglycan recognition proteins in insect immunity. <i>Molecular Immunology</i> , 2019, 106, 69-76.	2.2	79
2	Comparative proteomic analysis reveals that caspase-1 and serine protease may be involved in silkworm resistance to <i>Bombyx mori</i> nuclear polyhedrosis virus. <i>Journal of Proteomics</i> , 2012, 75, 3630-3638.	2.4	56
3	Network pharmacology-based analysis on bioactive anti-diabetic compounds in <i>Potentilla discolor bunge</i> . <i>Journal of Ethnopharmacology</i> , 2019, 241, 111905.	4.1	40
4	Comparative proteomic analysis of indica and japonica rice varieties. <i>Genetics and Molecular Biology</i> , 2014, 37, 652-661.	1.3	36
5	Microarray analysis of gene expression profile in resistant and susceptible <i>Bombyx mori</i> strains reveals resistance-related genes to nucleopolyhedrovirus. <i>Genomics</i> , 2013, 101, 256-262.	2.9	32
6	The toxicity of NaF on BmN cells and a comparative proteomics approach to identify protein expression changes in cells under NaF-stress. <i>Journal of Hazardous Materials</i> , 2015, 286, 624-631.	12.4	22
7	Peptidoglycan recognition protein-S1 acts as a receptor to activate AMP expression through the IMD pathway in the silkworm <i>Bombyx mori</i> . <i>Developmental and Comparative Immunology</i> , 2021, 115, 103903.	2.3	13
8	Comparative proteomic analysis reveals the suppressive effects of dietary high glucose on the midgut growth of silkworm. <i>Journal of Proteomics</i> , 2014, 108, 124-132.	2.4	9
9	Protein determination using graphene oxide-aptamer modified gold nanoparticles in combination with Tween 80. <i>Analytica Chimica Acta</i> , 2016, 941, 80-86.	5.4	9
10	Evidence for the role of BmNPV Bm65 protein in the repair of ultraviolet-induced DNA damage. <i>Journal of Invertebrate Pathology</i> , 2017, 149, 82-86.	3.2	8
11	Comparative Proteomic Analysis of Midgut Proteins From Male and Female <i>Bombyx mori</i> (Lepidoptera:) Tj ETQq1 1,0,784314,rgBT /Over	1.5	7
12	Crystal structure of PvdO from <i>Pseudomonas aeruginosa</i> . <i>Biochemical and Biophysical Research Communications</i> , 2017, 484, 195-201.	2.1	7
13	Identification and characterization of novel short-type BmPGRP-S4 from the silkworm, <i>Bombyx mori</i> , involved in innate immunity. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2020, 75, 13-21.	1.4	7
14	Molecular and Physiological Characterization of Two Novel Multirepeat \hat{I}^2 -Thymosins from Silkworm, <i>Bombyx mori</i> . <i>PLoS ONE</i> , 2015, 10, e0140182.	2.5	7
15	Precision mapping of N- and O-glycoproteins in viral resistant and susceptible strains of <i>Bombyx mori</i> . <i>Journal of Invertebrate Pathology</i> , 2019, 167, 107250.	3.2	5
16	Molecular mechanism and potential application of bacterial infection in the silkworm, <i>Bombyx mori</i> . <i>Developmental and Comparative Immunology</i> , 2022, 131, 104381.	2.3	5
17	Molecular cloning and characterization of lactate dehydrogenase gene 1 in the silkworm, <i>Bombyx mori</i> . <i>Molecular Biology Reports</i> , 2011, 38, 1853-1860.	2.3	4
18	Molecular cloning, expression and characterization of a novel vacuolar protein sorting 4 gene in silkworm, <i>Bombyx mori</i> . <i>Molecular Biology Reports</i> , 2012, 39, 10339-10346.	2.3	4

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19	Characterisation of Indica Special Protein (ISP), a Marker Protein for the Differentiation of <i>Oryza sativa</i> Subspecies indica and japonica. <i>International Journal of Molecular Sciences</i> , 2014, 15, 7332-7343.	4.1	4
20	Foreign Protein Detection in Transgenic Rice Revealed by Comparative Proteomic Analysis. <i>Crop Science</i> , 2015, 55, 2225-2233.	1.8	4
21	Identification and Characterization of BmVta1, a <i>Bombyx mori</i> (Lepidoptera: Bombycidae) Homologue for Vta1 That is Up-Regulated in Development. <i>Journal of Insect Science</i> , 2017, 17, .	1.5	3
22	Proteomic response of the rat liver in differential swimming modes. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2018, 45, 581-590.	1.9	3
23	Comparative transcriptome and proteome reveal synergistic functions of differentially expressed genes and proteins implicated in an overdominant silkworm heterosis of increased silk yield. <i>Insect Molecular Biology</i> , 2022, 31, 551-567.	2.0	1