Xi Jie Guo

List of Publications by Year
in descending order

81 papers	1,369 citations	361413 20 h-index	434195 31 g-index
87 all docs	87 docs citations	87 times ranked	1245 citing authors

#	Article	IF	Citations
1	Cellular Lnc_209997 suppresses Bombyx mori nucleopolyhedrovirus replication by targeting <scp>miR</scp>â€275â€5p in B. mori. Insect Molecular Biology, 2022, 31, 308-316.	2.0	8
2	DNA hypermethylation level of ACTL6A may promote BmNPV infection in B. mori. Journal of Asia-Pacific Entomology, 2022, 25, 101879.	0.9	0
3	A cypovirus encoded microRNA negatively regulates the NF-ÎºB pathway to enhance viral multiplication in Silkworm, Bombyx mori. Developmental and Comparative Immunology, 2022, 131, 104382.	2.3	3
4	Transcriptome of miRNA during inhibition of Bombyx mori nuclear polyhedrosis virus by geldanamycin in BmN cells. Archives of Insect Biochemistry and Physiology, 2022, 110, e21880.	1.5	3
5	Effects of Supplementation of Moringa Oleifera Leaf Powder on Some Reproductive Performance in Laying Hens. Brazilian Journal of Poultry Science, 2022, 24, .	0.7	0
6	Identification of long noncoding RNAs in silkworm larvae infected with Bombyx moriÂcypovirus. Archives of Insect Biochemistry and Physiology, 2021, 106, 1-12.	1.5	12
7	Integrative analysis of circRNA/miRNA/mRNA regulatory network reveals the potential immune function of circRNAs in the Bombyx mori fat body. Journal of Invertebrate Pathology, 2021, 179, 107537.	3.2	10
8	A feasibility study of using silkworm larvae as a novel in vivo model to evaluate the biotoxicity of ionic liquids. Ecotoxicology and Environmental Safety, 2021, 209, 111759.	6.0	11
9	Recent advances in the detection of multiple microRNAs. TrAC - Trends in Analytical Chemistry, 2021, 139, 116269.	11.4	21
10	Functional analysis of a putative <scp>Bombyx mori</scp> cypovirus <scp>miRNA BmCPVâ€miR</scp>â€10 and its effect on virus replication. Insect Molecular Biology, 2021, 30, 552-565.	2.0	6
11	iTRAQ-based quantitative proteomic analysis of silkworm infected with Beauveria bassiana. Molecular Immunology, 2021, 135, 204-216.	2.2	1
12	Two Putative Cypovirus-Encoded miRNAs Co-regulate the Host Gene of GTP-Binding Nuclear Protein Ran and Facilitate Virus Replication. Frontiers in Physiology, 2021, 12, 663482.	2.8	7
13	Bombyx mori Apolipophorin-III inhibits Beauveria bassiana directly and through regulating expression of genes relevant to immune signaling pathways. Journal of Invertebrate Pathology, 2021, 184, 107647.	3.2	8
14	Molecular response mechanisms of silkworm (Bombyx mori L.) to the toxicity of 1-octyl-3-methylimidazole chloride based on transcriptome analysis of midguts and silk glands. Ecotoxicology and Environmental Safety, 2021, 227, 112915.	6.0	3
15	Functional analysis of a miRNAâ€like small RNA derived from Bombyx mori cytoplasmic polyhedrosis virus. Insect Science, 2020, 27, 449-462.	3.0	19
16	Inhibition of heat shock protein 90 suppresses Bombyx mori nucleopolyhedrovirus replication in B. mori. Insect Molecular Biology, 2020, 29, 205-213.	2.0	22
17	Expressional analysis of the silkworm storage protein 1 and identification of its interacting proteins. Insect Molecular Biology, 2020, 29, 66-76.	2.0	8
18	Inhibitory effects of Bombyx mori antimicrobial peptide cecropins on esophageal cancer cells. European Journal of Pharmacology, 2020, 887, 173434.	3.5	13

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19	Expression profile analysis of circular RNAs in BmN cells (Bombyx mori) upon BmNPV infection. Archives of Insect Biochemistry and Physiology, 2020, 105, e21735.	1.5	4
20	Analysis of lncRNA-mediated gene regulatory network of Bombyx mori in response to BmNPV infection. Journal of Invertebrate Pathology, 2020, 170, 107323.	3.2	27
21	Analysis of reassortant and intragenic recombination in Cypovirus. Virology Journal, 2020, 17, 48.	3.4	3
22	Label-free LC-MS/MS proteomic analysis of the hemolymph of silkworm larvae infected with Beauveria bassiana. Journal of Invertebrate Pathology, 2019, 166, 107227.	3.2	8
23	DNA methylomes and transcriptomes analysis reveal implication of host DNA methylation machinery in BmNPV proliferation in Bombyx mori. BMC Genomics, 2019, 20, 736.	2.8	37
24	Study of the whole genome, methylome and transcriptome of Cordyceps militaris. Scientific Reports, 2019, 9, 898.	3.3	17
25	Quantitative proteomics analysis provides insight into the biological role of Hsp90 in BmNPV infection in Bombyx mori. Journal of Proteomics, 2019, 203, 103379.	2.4	23
26	Over expression of bmo-miR-2819 suppresses BmNPV replication by regulating the BmNPV ie-1 gene in Bombyx mori. Molecular Immunology, 2019, 109, 134-139.	2.2	29
27	Silkworm storage protein Bm30K-19G1 has a certain antifungal effects on Beauveria bassiana. Journal of Invertebrate Pathology, 2019, 163, 34-42.	3.2	14
28	BmNPV-miR-415 up-regulates the expression of TOR2 via Bmo-miR-5738. Saudi Journal of Biological Sciences, 2017, 24, 1614-1619.	3.8	13
29	Inhibition of miR-274-3p increases BmCPV replication by regulating the expression of BmCPV NS5 gene in Bombyx mori. Virus Genes, 2017, 53, 643-649.	1.6	12
30	iTRAQ-based quantitative proteomic analysis of midgut in silkworm infected with Bombyx mori cytoplasmic polyhedrosis virus. Journal of Proteomics, 2017, 152, 300-311.	2.4	28
31	Identification and characterization of two putative microRNAs encoded by Bombyx mori cypovirus. Virus Research, 2017, 233, 86-94.	2.2	25
32	DNA methylation in silkworm genome may provide insights into epigenetic regulation of response to Bombyx mori cypovirus infection. Scientific Reports, 2017, 7, 16013.	3.3	16
33	Expression profiling of Bombyx mori gloverin2 gene and its synergistic antifungal effect with cecropin A against Beauveria bassiana. Gene, 2017, 600, 55-63.	2.2	17
34	Molecular Cloning, Bioinformatic Analysis, and Expression ofBombyx moriLebocin 5 Gene Related toBeauveria bassianaInfection. BioMed Research International, 2017, 2017, 1-10.	1.9	5
35	Genome-Wide Analysis of Differentially Expressed microRNA in Bombyx mori Infected with Nucleopolyhedrosis Virus. PLoS ONE, 2016, 11, e0165865.	2.5	23
36	Inductive expression patterns of genes related to Toll signaling pathway in silkworm (Bombyx mori) upon Beauveria bassiana infection. Journal of Asia-Pacific Entomology, 2016, 19, 861-868.	0.9	10

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37	JAK/STAT signaling pathway-mediated immune response in silkworm (Bombyx mori) challenged by Beauveria bassiana. Gene, 2016, 595, 69-76.	2.2	33
38	Bmo-miR-2758 TargetsBmFMBP-1 (Lepidoptera: Bombycidae) and Suppresses Its Expression in BmN Cells. Journal of Insect Science, 2016, 16, 28.	1.5	6
39	Molecular cloning and characterization of biphenyl hydrolase-like (BPHL) protein gene from silkworm, Bombyx mori. Journal of Asia-Pacific Entomology, 2016, 19, 611-617.	0.9	3
40	Bombyx mori cecropin A has a high antifungal activity to entomopathogenic fungus Beauveria bassiana. Gene, 2016, 583, 29-35.	2.2	48
41	Roles of miR-278-3p in IBP2 regulation and Bombyx mori cytoplasmic polyhedrosis virus replication. Gene, 2016, 575, 264-269.	2.2	28
42	Differential and spatial regulation of the prophenoloxidase (proPO) and proPO-activating enzyme in cuticular melanization and innate immunity in Bombyx mori pupae. Journal of Asia-Pacific Entomology, 2015, 18, 757-764.	0.9	10
43	Effect of dietary glutathione supplementation on the biological value of rapeseed meal to juvenile grass carp,Ctenopharyngodon idellus. Aquaculture Nutrition, 2015, 21, 73-84.	2.7	16
44	Characterization and profiling of MicroRNAs in posterior silk gland of the silkworm (Bombyx mori). Genes and Genomics, 2015, 37, 703-712.	1.4	1
45	dsRNA interference on expression of a RNA-dependent RNA polymerase gene of Bombyx mori cytoplasmic polyhedrosis virus. Gene, 2015, 565, 56-61.	2.2	5
46	Transcriptome Analysis of Silkworm, Bombyx mori, during Early Response to Beauveria bassiana Challenges. PLoS ONE, 2014, 9, e91189.	2.5	33
47	Improved 1-Deoxynojirimycin (DNJ) production in mulberry leaves fermented by microorganism. Brazilian Journal of Microbiology, 2014, 45, 721-729.	2.0	27
48	Cytoplasmic polyhedrosis virus-induced differential gene expression in two silkworm strains of different susceptibility. Gene, 2014, 539, 230-237.	2.2	14
49	Identification and functional analysis of the cathepsin D gene promoter of Bombyx mori. Molecular Biology Reports, 2014, 41, 1623-1630.	2.3	5
50	Cloning and expression analysis of a peptidoglycan recognition protein in silkworm related to virus infection. Gene, 2014, 552, 24-31.	2.2	26
51	Influenza A Virus Acquires Enhanced Pathogenicity and Transmissibility after Serial Passages in Swine. Journal of Virology, 2014, 88, 11981-11994.	3.4	24
52	Core promoter regulates the expression of cathepsin B gene in the fat body of Bombyx mori. Gene, 2014, 542, 232-239.	2.2	11
53	Digital Gene Expression analysis in the midgut of 4008 silkworm strain infected with cytoplasmic polyhedrosis virus. Journal of Invertebrate Pathology, 2014, 115, 8-13.	3.2	26
54	Identification of a protein interacting with the spore wall protein SWP26 of Nosema bombycis in a cultured BmN cell line of silkworm. Infection, Genetics and Evolution, 2013, 17, 38-45.	2.3	19

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55	Enhancement of the selective enzymatic biotransformation of rutin to isoquercitrin using an ionic liquid as a co-solvent. Bioresource Technology, 2013, 128, 156-163.	9.6	51
56	Analysis of the genomic sequence of Philosamia cynthia nucleopolyhedrin virus and comparison with Antheraea pernyinucleopolyhedrin virus. BMC Genomics, 2013, 14, 115.	2.8	11
57	Differentially Expressed Genes in the Cuticle and Hemolymph of the Silkworm,Bombyx mori, Injected with the FungusBeauveria bassiana. Journal of Insect Science, 2013, 13, 1-14.	0.9	10
58	Expression and localization of the spore wall protein SWP26 of <i>Nosema bombycis </i>in the silkworm BmN cell line. Agricultural Sciences, 2013, 04, 79-84.	0.3	0
59	Involvement of MicroRNAs in Infection of Silkworm with Bombyx mori Cytoplasmic Polyhedrosis Virus (BmCPV). PLoS ONE, 2013, 8, e68209.	2.5	54
60	Molecular characteristics of the alpha- and beta-tubulin genes of Nosema philosamiae. Folia Parasitologica, 2013, 60, 411-415.	1.3	5
61	Novel protein of IBP from silkworm, Bombyx mori, involved in cytoplasmic polyhedrosis virus infection. Journal of Invertebrate Pathology, 2012, 110, 83-91.	3.2	17
62	Molecular cloning and characterization of hatching enzyme-like geneII (BmHELII) in the silkworm, Bombyx mori. Biochemical and Biophysical Research Communications, 2012, 419, 194-199.	2.1	6
63	Identification of ecdysone response elements (EcREs) in the Bombyx mori cathepsin D promoter. Biochemical and Biophysical Research Communications, 2012, 425, 113-118.	2.1	14
64	Cloning, characterization, and expression analysis of a novel BmGDAP1 gene from silkworm, Bombyx mori, involved in cytoplasmic polyhedrosis virus infection. Gene, 2012, 497, 208-213.	2.2	7
65	cDNA cloning and characterization of LASP1 from silkworm, Bombyx mori, involved in cytoplasmic polyhedrosis virus infection. Gene, 2012, 511, 389-397.	2.2	6
66	Comparison of the structural characterization and biological activity of acidic polysaccharides from Cordyceps militaris cultured with different media. World Journal of Microbiology and Biotechnology, 2012, 28, 2029-2038.	3.6	56
67	Differential gene expression in silkworm in response to Beauveria bassiana infection. Gene, 2011, 484, 35-41.	2.2	18
68	A new isolate of Nosema sp. (Microsporidia, Nosematidae) from Phyllobrotica armata Baly (Coleoptera, Chrysomelidae) from China. Journal of Invertebrate Pathology, 2011, 106, 339-342.	3.2	19
69	Microarray analysis of the gene expression profile in the midgut of silkworm infected with cytoplasmic polyhedrosis virus. Molecular Biology Reports, 2011, 38, 333-341.	2.3	59
70	Pentyl (E)-3-(3,4-dihydroxyphenyl)acrylate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o2871-o2871.	0.2	9
71	The Influence of Challenge on Cathepsin B and D Expression Patterns in the Silkworm Bombyx mori L.. International Journal of Industrial Entomology, 2011, 23, 129-135.	0.1	9
72	Molecular cloning and characterization of hatching enzyme-like gene in the silkworm, Bombyx mori. Molecular Biology Reports, 2010, 37, 1175-1182.	2.3	10

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73	Cloning and characterization of the gene encoding an ubiquitinâ€activating enzyme E1 domainâ€containing protein of silkworm,Bombyx mori. Insect Science, 2010, 17, 75-83.	3.0	2
74	Expression and Activity Analysis of Non-Structural Protein 2 (NS2) of Bombyx mori Densovirus Zhenjiang Strain. Agricultural Sciences in China, 2010, 9, 1821-1828.	0.6	0
75	QTL mapping for agronomic and fibre traits using two interspecific chromosome substitution lines of Upland cotton. Plant Breeding, 2009, 128, 671-679.	1.9	20
76	SSR based linkage and mapping analysis of C, a yellow cocoon gene in the silkworm, Bombyx mori. Insect Science, 2008, 15, 399-404.	3.0	9
77	Glutathione S-transferases from the larval gut of the silkworm Bombyx mori: cDNA cloning, gene structure, expression and distribution. European Journal of Entomology, 2008, 105, 567-574.	1.2	5
78	Characterization of Clb1 Gene Promoter from Silkworm, Bombyx mori. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2007, 62, 875-880.	1.4	7
79	Molecular cloning, expression, and enzymatic activity of a novel endogenous cellulase from the mulberry longicorn beetle, Apriona germari. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2006, 145, 220-229.	1.6	48
80	N-linked glycosylation of a beetle (Apriona germari) cellulase Ag-EGase II is necessary for enzymatic activity. Insect Biochemistry and Molecular Biology, 2006, 36, 435-441.	2.7	27
81	Functional role of aspartic proteinase cathepsin D in insect metamorphosis. BMC Developmental Biology, 2006, 6, 49.	2.1	82