

Xi Jie Guo

List of Publications by Year in descending order

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81
papers

1,369
citations

361413

20
h-index

434195

31
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87
all docs

87
docs citations

87
times ranked

1245
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional role of aspartic proteinase cathepsin D in insect metamorphosis. <i>BMC Developmental Biology</i> , 2006, 6, 49.	2.1	82
2	Microarray analysis of the gene expression profile in the midgut of silkworm infected with cytoplasmic polyhedrosis virus. <i>Molecular Biology Reports</i> , 2011, 38, 333-341.	2.3	59
3	Comparison of the structural characterization and biological activity of acidic polysaccharides from <i>Cordyceps militaris</i> cultured with different media. <i>World Journal of Microbiology and Biotechnology</i> , 2012, 28, 2029-2038.	3.6	56
4	Involvement of MicroRNAs in Infection of Silkworm with <i>Bombyx mori</i> Cytoplasmic Polyhedrosis Virus (BmCPV). <i>PLoS ONE</i> , 2013, 8, e68209.	2.5	54
5	Enhancement of the selective enzymatic biotransformation of rutin to isoquercitrin using an ionic liquid as a co-solvent. <i>Bioresource Technology</i> , 2013, 128, 156-163.	9.6	51
6	Molecular cloning, expression, and enzymatic activity of a novel endogenous cellulase from the mulberry longicorn beetle, <i>Apriona germari</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2006, 145, 220-229.	1.6	48
7	<i>Bombyx mori</i> cecropin A has a high antifungal activity to entomopathogenic fungus <i>Beauveria bassiana</i> . <i>Gene</i> , 2016, 583, 29-35.	2.2	48
8	DNA methylomes and transcriptomes analysis reveal implication of host DNA methylation machinery in BmNPV proliferation in <i>Bombyx mori</i> . <i>BMC Genomics</i> , 2019, 20, 736.	2.8	37
9	Transcriptome Analysis of Silkworm, <i>Bombyx mori</i> , during Early Response to <i>Beauveria bassiana</i> Challenges. <i>PLoS ONE</i> , 2014, 9, e91189.	2.5	33
10	JAK/STAT signaling pathway-mediated immune response in silkworm (<i>Bombyx mori</i>) challenged by <i>Beauveria bassiana</i> . <i>Gene</i> , 2016, 595, 69-76.	2.2	33
11	Over expression of bmo-miR-2819 suppresses BmNPV replication by regulating the BmNPV ie-1 gene in <i>Bombyx mori</i> . <i>Molecular Immunology</i> , 2019, 109, 134-139.	2.2	29
12	Roles of miR-278-3p in IBP2 regulation and <i>Bombyx mori</i> cytoplasmic polyhedrosis virus replication. <i>Gene</i> , 2016, 575, 264-269.	2.2	28
13	iTRAQ-based quantitative proteomic analysis of midgut in silkworm infected with <i>Bombyx mori</i> cytoplasmic polyhedrosis virus. <i>Journal of Proteomics</i> , 2017, 152, 300-311.	2.4	28
14	N-linked glycosylation of a beetle (<i>Apriona germari</i>) cellulase Ag-EGase II is necessary for enzymatic activity. <i>Insect Biochemistry and Molecular Biology</i> , 2006, 36, 435-441.	2.7	27
15	Improved 1-Deoxynojirimycin (DNJ) production in mulberry leaves fermented by microorganism. <i>Brazilian Journal of Microbiology</i> , 2014, 45, 721-729.	2.0	27
16	Analysis of lncRNA-mediated gene regulatory network of <i>Bombyx mori</i> in response to BmNPV infection. <i>Journal of Invertebrate Pathology</i> , 2020, 170, 107323.	3.2	27
17	Cloning and expression analysis of a peptidoglycan recognition protein in silkworm related to virus infection. <i>Gene</i> , 2014, 552, 24-31.	2.2	26
18	Digital Gene Expression analysis in the midgut of 4008 silkworm strain infected with cytoplasmic polyhedrosis virus. <i>Journal of Invertebrate Pathology</i> , 2014, 115, 8-13.	3.2	26

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19	Identification and characterization of two putative microRNAs encoded by Bombyx mori cytovirus. <i>Virus Research</i> , 2017, 233, 86-94.	2.2	25
20	Influenza A Virus Acquires Enhanced Pathogenicity and Transmissibility after Serial Passages in Swine. <i>Journal of Virology</i> , 2014, 88, 11981-11994.	3.4	24
21	Genome-Wide Analysis of Differentially Expressed microRNA in Bombyx mori Infected with Nucleopolyhedrosis Virus. <i>PLoS ONE</i> , 2016, 11, e0165865.	2.5	23
22	Quantitative proteomics analysis provides insight into the biological role of Hsp90 in BmNPV infection in Bombyx mori. <i>Journal of Proteomics</i> , 2019, 203, 103379.	2.4	23
23	Inhibition of heat shock protein 90 suppresses <i>Bombyx mori</i> nucleopolyhedrovirus replication in <i>B. mori</i> . <i>Insect Molecular Biology</i> , 2020, 29, 205-213.	2.0	22
24	Recent advances in the detection of multiple microRNAs. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 139, 116269.	11.4	21
25	QTL mapping for agronomic and fibre traits using two interspecific chromosome substitution lines of Upland cotton. <i>Plant Breeding</i> , 2009, 128, 671-679.	1.9	20
26	A new isolate of Nosema sp. (Microsporidia, Nosematidae) from <i>Phyllobrotica armata</i> Baly (Coleoptera, Chrysomelidae) from China. <i>Journal of Invertebrate Pathology</i> , 2011, 106, 339-342.	3.2	19
27	Identification of a protein interacting with the spore wall protein SWP26 of <i>Nosema bombycis</i> in a cultured BmN cell line of silkworm. <i>Infection, Genetics and Evolution</i> , 2013, 17, 38-45.	2.3	19
28	Functional analysis of a miRNA-like small RNA derived from <i>Bombyx mori</i> cytoplasmic polyhedrosis virus. <i>Insect Science</i> , 2020, 27, 449-462.	3.0	19
29	Differential gene expression in silkworm in response to <i>Beauveria bassiana</i> infection. <i>Gene</i> , 2011, 484, 35-41.	2.2	18
30	Novel protein of IBP from silkworm, <i>Bombyx mori</i> , involved in cytoplasmic polyhedrosis virus infection. <i>Journal of Invertebrate Pathology</i> , 2012, 110, 83-91.	3.2	17
31	Expression profiling of <i>Bombyx mori</i> gloverin2 gene and its synergistic antifungal effect with cecropin A against <i>Beauveria bassiana</i> . <i>Gene</i> , 2017, 600, 55-63.	2.2	17
32	Study of the whole genome, methylome and transcriptome of <i>Cordyceps militaris</i> . <i>Scientific Reports</i> , 2019, 9, 898.	3.3	17
33	Effect of dietary glutathione supplementation on the biological value of rapeseed meal to juvenile grass carp, <i>Ctenopharyngodon idellus</i> . <i>Aquaculture Nutrition</i> , 2015, 21, 73-84.	2.7	16
34	DNA methylation in silkworm genome may provide insights into epigenetic regulation of response to <i>Bombyx mori</i> cytovirus infection. <i>Scientific Reports</i> , 2017, 7, 16013.	3.3	16
35	Identification of ecdysone response elements (EcREs) in the <i>Bombyx mori</i> cathepsin D promoter. <i>Biochemical and Biophysical Research Communications</i> , 2012, 425, 113-118.	2.1	14
36	Cytoplasmic polyhedrosis virus-induced differential gene expression in two silkworm strains of different susceptibility. <i>Gene</i> , 2014, 539, 230-237.	2.2	14

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37	Silkworm storage protein Bm30K-19G1 has a certain antifungal effects on <i>Beauveria bassiana</i> . <i>Journal of Invertebrate Pathology</i> , 2019, 163, 34-42.	3.2	14
38	BmNPV-miR-415 up-regulates the expression of TOR2 via Bmo-miR-5738. <i>Saudi Journal of Biological Sciences</i> , 2017, 24, 1614-1619.	3.8	13
39	Inhibitory effects of <i>Bombyx mori</i> antimicrobial peptide cecropins on esophageal cancer cells. <i>European Journal of Pharmacology</i> , 2020, 887, 173434.	3.5	13
40	Inhibition of miR-274-3p increases BmCPV replication by regulating the expression of BmCPV NS5 gene in <i>Bombyx mori</i> . <i>Virus Genes</i> , 2017, 53, 643-649.	1.6	12
41	Identification of long noncoding RNAs in silkworm larvae infected with <i>Bombyx mori</i> \hat{A} cypovirus. <i>Archives of Insect Biochemistry and Physiology</i> , 2021, 106, 1-12.	1.5	12
42	Analysis of the genomic sequence of <i>Philosamia cynthia</i> nucleopolyhedrin virus and comparison with <i>Antheraea pernyi</i> nucleopolyhedrin virus. <i>BMC Genomics</i> , 2013, 14, 115.	2.8	11
43	Core promoter regulates the expression of cathepsin B gene in the fat body of <i>Bombyx mori</i> . <i>Gene</i> , 2014, 542, 232-239.	2.2	11
44	A feasibility study of using silkworm larvae as a novel in vivo model to evaluate the biotoxicity of ionic liquids. <i>Ecotoxicology and Environmental Safety</i> , 2021, 209, 111759.	6.0	11
45	Molecular cloning and characterization of hatching enzyme-like gene in the silkworm, <i>Bombyx mori</i> . <i>Molecular Biology Reports</i> , 2010, 37, 1175-1182.	2.3	10
46	Differentially Expressed Genes in the Cuticle and Hemolymph of the Silkworm, <i>Bombyx mori</i> , Injected with the Fungus <i>Beauveria bassiana</i> . <i>Journal of Insect Science</i> , 2013, 13, 1-14.	0.9	10
47	Differential and spatial regulation of the prophenoloxidase (proPO) and proPO-activating enzyme in cuticular melanization and innate immunity in <i>Bombyx mori</i> pupae. <i>Journal of Asia-Pacific Entomology</i> , 2015, 18, 757-764.	0.9	10
48	Inductive expression patterns of genes related to Toll signaling pathway in silkworm (<i>Bombyx mori</i>) upon <i>Beauveria bassiana</i> infection. <i>Journal of Asia-Pacific Entomology</i> , 2016, 19, 861-868.	0.9	10
49	Integrative analysis of circRNA/miRNA/mRNA regulatory network reveals the potential immune function of circRNAs in the <i>Bombyx mori</i> fat body. <i>Journal of Invertebrate Pathology</i> , 2021, 179, 107537.	3.2	10
50	SSR based linkage and mapping analysis of <i>C</i> , a yellow cocoon gene in the silkworm, <i>Bombyx mori</i> . <i>Insect Science</i> , 2008, 15, 399-404.	3.0	9
51	Pentyl (E)-3-(3,4-dihydroxyphenyl)acrylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o2871-o2871.	0.2	9
52	The Influence of Challenge on Cathepsin B and D Expression Patterns in the Silkworm <i>Bombyx mori</i> L.. <i>International Journal of Industrial Entomology</i> , 2011, 23, 129-135.	0.1	9
53	Label-free LC-MS/MS proteomic analysis of the hemolymph of silkworm larvae infected with <i>Beauveria bassiana</i> . <i>Journal of Invertebrate Pathology</i> , 2019, 166, 107227.	3.2	8
54	Expressional analysis of the silkworm storage protein 1 and identification of its interacting proteins. <i>Insect Molecular Biology</i> , 2020, 29, 66-76.	2.0	8

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55	Bombyx mori Apolipoprotein III inhibits Beauveria bassiana directly and through regulating expression of genes relevant to immune signaling pathways. <i>Journal of Invertebrate Pathology</i> , 2021, 184, 107647.	3.2	8
56	Cellular <i>lnc_209997</i> suppresses <i>Bombyx mori</i> nucleopolyhedrovirus replication by targeting <i>miR-275-5p</i> in <i>B. mori</i> . <i>Insect Molecular Biology</i> , 2022, 31, 308-316.	2.0	8
57	Characterization of <i>C1b1</i> Gene Promoter from Silkworm, <i>Bombyx mori</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2007, 62, 875-880.	1.4	7
58	Cloning, characterization, and expression analysis of a novel <i>BmGDAP1</i> gene from silkworm, <i>Bombyx mori</i> , involved in cytoplasmic polyhedrosis virus infection. <i>Gene</i> , 2012, 497, 208-213.	2.2	7
59	Two Putative Cypovirus-Encoded miRNAs Co-regulate the Host Gene of GTP-Binding Nuclear Protein Ran and Facilitate Virus Replication. <i>Frontiers in Physiology</i> , 2021, 12, 663482.	2.8	7
60	Molecular cloning and characterization of hatching enzyme-like gene (<i>BmHELII</i>) in the silkworm, <i>Bombyx mori</i> . <i>Biochemical and Biophysical Research Communications</i> , 2012, 419, 194-199.	2.1	6
61	cDNA cloning and characterization of <i>LASP1</i> from silkworm, <i>Bombyx mori</i> , involved in cytoplasmic polyhedrosis virus infection. <i>Gene</i> , 2012, 511, 389-397.	2.2	6
62	<i>Bmo-miR-2758</i> Targets <i>BmFMBP-1</i> (Lepidoptera: Bombycidae) and Suppresses Its Expression in <i>BmN</i> Cells. <i>Journal of Insect Science</i> , 2016, 16, 28.	1.5	6
63	Functional analysis of a putative <i>Bombyx mori</i> cypovirus <i>miRNA BmCPV-miR-10</i> and its effect on virus replication. <i>Insect Molecular Biology</i> , 2021, 30, 552-565.	2.0	6
64	Identification and functional analysis of the cathepsin D gene promoter of <i>Bombyx mori</i> . <i>Molecular Biology Reports</i> , 2014, 41, 1623-1630.	2.3	5
65	dsRNA interference on expression of a RNA-dependent RNA polymerase gene of <i>Bombyx mori</i> cytoplasmic polyhedrosis virus. <i>Gene</i> , 2015, 565, 56-61.	2.2	5
66	Molecular Cloning, Bioinformatic Analysis, and Expression of <i>Bombyx mori</i> <i>Lebocin 5</i> Gene Related to <i>Beauveria bassiana</i> Infection. <i>BioMed Research International</i> , 2017, 2017, 1-10.	1.9	5
67	Glutathione S-transferases from the larval gut of the silkworm <i>Bombyx mori</i> : cDNA cloning, gene structure, expression and distribution. <i>European Journal of Entomology</i> , 2008, 105, 567-574.	1.2	5
68	Molecular characteristics of the alpha- and beta-tubulin genes of <i>Nosema philosamia</i> . <i>Folia Parasitologica</i> , 2013, 60, 411-415.	1.3	5
69	Expression profile analysis of circular RNAs in <i>BmN</i> cells (<i>Bombyx mori</i>) upon <i>BmNPV</i> infection. <i>Archives of Insect Biochemistry and Physiology</i> , 2020, 105, e21735.	1.5	4
70	Molecular cloning and characterization of biphenyl hydrolase-like (BPHL) protein gene from silkworm, <i>Bombyx mori</i> . <i>Journal of Asia-Pacific Entomology</i> , 2016, 19, 611-617.	0.9	3
71	Analysis of reassortant and intragenic recombination in Cypovirus. <i>Virology Journal</i> , 2020, 17, 48.	3.4	3
72	Molecular response mechanisms of silkworm (<i>Bombyx mori</i> L.) to the toxicity of 1-octyl-3-methylimidazole chloride based on transcriptome analysis of midguts and silk glands. <i>Ecotoxicology and Environmental Safety</i> , 2021, 227, 112915.	6.0	3

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73	A cypovirus encoded microRNA negatively regulates the NF- κ B pathway to enhance viral multiplication in Silkworm, <i>Bombyx mori</i> . <i>Developmental and Comparative Immunology</i> , 2022, 131, 104382.	2.3	3
74	Transcriptome of miRNA during inhibition of <i>Bombyx mori</i> nuclear polyhedrosis virus by geldanamycin in BmN cells. <i>Archives of Insect Biochemistry and Physiology</i> , 2022, 110, e21880.	1.5	3
75	Cloning and characterization of the gene encoding an ubiquitin-activating enzyme E1 domain-containing protein of silkworm, <i>Bombyx mori</i> . <i>Insect Science</i> , 2010, 17, 75-83.	3.0	2
76	Characterization and profiling of MicroRNAs in posterior silk gland of the silkworm (<i>Bombyx mori</i>). <i>Genes and Genomics</i> , 2015, 37, 703-712.	1.4	1
77	iTRAQ-based quantitative proteomic analysis of silkworm infected with <i>Beauveria bassiana</i> . <i>Molecular Immunology</i> , 2021, 135, 204-216.	2.2	1
78	Expression and Activity Analysis of Non-Structural Protein 2 (NS2) of <i>Bombyx mori</i> Dengvovirus Zhenjiang Strain. <i>Agricultural Sciences in China</i> , 2010, 9, 1821-1828.	0.6	0
79	Expression and localization of the spore wall protein SWP26 of <i>Nosema bombycis</i> in the silkworm BmN cell line. <i>Agricultural Sciences</i> , 2013, 04, 79-84.	0.3	0
80	DNA hypermethylation level of ACTL6A may promote BmNPV infection in <i>B. mori</i> . <i>Journal of Asia-Pacific Entomology</i> , 2022, 25, 101879.	0.9	0
81	Effects of Supplementation of <i>Moringa Oleifera</i> Leaf Powder on Some Reproductive Performance in Laying Hens. <i>Brazilian Journal of Poultry Science</i> , 2022, 24, .	0.7	0