Chuan-Xi Zhang

List of Publications by Year
in descending order

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232 papers	7,770 citations	66234 42 h-index	69108 77 g-index
242 all docs	242 docs citations	242 times ranked	6183 citing authors

#	Article	IF	Citations
1	Data Processing System (DPS) software with experimental design, statistical analysis and data mining developed for use in entomological research. Insect Science, 2013, 20, 254-260.	1.5	854
2	Genomes of the rice pest brown planthopper and its endosymbionts reveal complex complementary contributions for host adaptation. Genome Biology, 2014, 15, 521.	3.8	404
3	Two insulin receptors determine alternative wing morphs in planthoppers. Nature, 2015, 519, 464-467.	13.7	367
4	De novo characterization of a whitefly transcriptome and analysis of its gene expression during development. BMC Genomics, 2010, 11, 400.	1.2	344
5	Transcriptome Analysis of the Brown Planthopper Nilaparvata lugens. PLoS ONE, 2010, 5, e14233.	1.1	229
6	Well-balanced commensal microbiota contributes to anti-cancer response in a lung cancer mouse model. Genetics and Molecular Research, 2015, 14, 5642-5651.	0.3	191
7	Global Analysis of the Transcriptional Response of Whitefly to Tomato Yellow Leaf Curl China Virus Reveals the Relationship of Coevolved Adaptations. Journal of Virology, 2011, 85, 3330-3340.	1.5	156
8	Chitin synthase 1 gene and its two alternative splicing variants from two sap-suckingÂinsects,ÂNilaparvata lugens and Laodelphax striatellus (Hemiptera: Delphacidae). Insect Biochemistry and Molecular Biology, 2012, 42, 637-646.	1.2	115
9	Chitinaseâ€like gene family in the brown planthopper, <scp>N</scp>ilaparvata lugens. Insect Molecular Biology, 2015, 24, 29-40.	1.0	108
10	A comprehensive omics analysis and functional survey of cuticular proteins in the brown planthopper. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 5175-5180.	3.3	99
11	Challenging battles of plants with phloem-feeding insects and prokaryotic pathogens. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 23390-23397.	3.3	98
12	Genomeâ€wide screening for components of small interfering RNA (<scp>siRNA)</scp> and microâ€RNA (<scp>miRNA)</scp> pathways in the brown planthopper, <scp>N</scp>ilaparvata lugens (<scp>H</scp>emiptera: <scp>D</scp>elphacidae). Insect Molecular Biology, 2013, 22, 635-647.	1.0	97
13	Gene expression profiling of resistant and susceptible Bombyx mori strains reveals nucleopolyhedrovirus-associated variations in host gene transcript levels. Genomics, 2009, 94, 138-145.	1.3	96
14	The composition and transmission of microbiome in hard tick, Ixodes persulcatus, during blood meal. Ticks and Tick-borne Diseases, 2014, 5, 864-870.	1.1	93
15	Screening and Functional Analyses of Nilaparvata lugens Salivary Proteome. Journal of Proteome Research, 2016, 15, 1883-1896.	1.8	91
16	CRISPR/Cas9-mediated knockout of two eye pigmentation genes in the brown planthopper, Nilaparvata lugens (Hemiptera: Delphacidae). Insect Biochemistry and Molecular Biology, 2018, 93, 19-26.	1.2	91
17	Antifungal activity of metabolites of the endophytic fungus Trichoderma brevicompactum from garlic. Brazilian Journal of Microbiology, 2014, 45, 248-254.	0.8	90
18	The nicotinic acetylcholine receptor gene family of the silkworm, Bombyx mori. BMC Genomics, 2007, 8, 324.	1.2	88

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19	Molecular Mechanisms of Wing Polymorphism in Insects. Annual Review of Entomology, 2019, 64, 297-314.	5.7	88
20	Dynamic Interactions between Bombyx mori Nucleopolyhedrovirus and Its Host Cells Revealed by Transcriptome Analysis. Journal of Virology, 2012, 86, 7345-7359.	1.5	85
21	Chitin deacetylase family genes in the brown planthopper, <scp>N</scp>ilaparvata lugens (<scp>H</scp>emiptera: <scp>D</scp>elphacidae). Insect Molecular Biology, 2014, 23, 695-705.	1.0	82
22	The genome- and transcriptome-wide analysis of innate immunity in the brown planthopper, Nilaparvata lugens. BMC Genomics, 2013, 14, 160.	1.2	81
23	Cloning, expression and functional analysis of a general odorantâ€binding protein 2 gene of the rice striped stem borer, Chilo suppressalis (Walker) (Lepidoptera: Pyralidae). Insect Molecular Biology, 2009, 18, 405-417.	1.0	80
24	Comparison of the complete genome sequence between C1 and G4 isolates of the Helicoverpa armigera single nucleocapsid nucleopolyhedrovirus. Virology, 2005, 333, 190-199.	1.1	79
25	De novo intestine-specific transcriptome of the brown planthopper Nilaparvata lugens revealed potential functions in digestion, detoxification and immune response. Genomics, 2012, 99, 256-264.	1.3	77
26	Genomic Insights into the Glutathione S-Transferase Gene Family of Two Rice Planthoppers, Nilaparvata lugens (StÃ¥l) and Sogatella furcifera (HorvÃ¡th) (Hemiptera: Delphacidae). PLoS ONE, 2013, 8, e56604.	1.1	73
27	Comparative analysis of the transcriptional responses to low and high temperatures in three rice planthopper species. Molecular Ecology, 2017, 26, 2726-2737.	2.0	68
28	A salivary sheath protein essential for the interaction of the brown planthopper with rice plants. Insect Biochemistry and Molecular Biology, 2015, 66, 77-87.	1.2	67
29	Mucin-like protein, a saliva component involved in brown planthopper virulence and host adaptation. Journal of Insect Physiology, 2017, 98, 223-230.	0.9	66
30	Combined transcriptomic/proteomic analysis of salivary gland and secreted saliva in three planthopper species. Journal of Proteomics, 2018, 172, 25-35.	1.2	63
31	Transcriptome and Gene Expression Analysis of an Oleaginous Diatom Under Different Salinity Conditions. Bioenergy Research, 2014, 7, 192-205.	2.2	55
32	Genomic and transcriptomic insights into the cytochrome P450 monooxygenase gene repertoire in the rice pest brown planthopper, Nilaparvata lugens. Genomics, 2015, 106, 301-309.	1.3	55
33	Insulin receptors and wing dimorphism in rice planthoppers. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20150489.	1.8	55
34	The utilization and industrialization of insect resources in China. Entomological Research, 2008, 38, S38.	0.6	54
35	Rice ragged stunt virus-induced apoptosis affects virus transmission from its insect vector, the brown planthopper to the rice plant. Scientific Reports, 2015, 5, 11413.	1.6	54
36	Comparative analysis of Bombyx mori nucleopolyhedrovirus responsive genes in fat body and haemocyte of B. mori resistant and susceptible strains. Insect Molecular Biology, 2010, 19, 347-358.	1.0	53

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37	Identification and functional analysis of the doublesex gene in the sexual development of a hemimetabolous insect, the brown planthopper. Insect Biochemistry and Molecular Biology, 2018, 102, 31-42.	1.2	52
38	Genomic Analysis of an Ascomycete Fungus from the Rice Planthopper Reveals How It Adapts to an Endosymbiotic Lifestyle. Genome Biology and Evolution, 2015, 7, 2623-2634.	1.1	51
39	Nutrition value of the Chinese grasshopper Acrida cinerea (Thunberg) for broilers. Animal Feed Science and Technology, 2007, 135, 66-74.	1.1	50
40	Genomic insights into the serine protease gene family and expression profile analysis in the planthopper, Nilaparvata lugens. BMC Genomics, 2014, 15, 507.	1.2	49
41	Triazophos up-regulated gene expression in the female brown planthopper, Nilaparvata lugens. Journal of Insect Physiology, 2010, 56, 1087-1094.	0.9	48
42	RNA interference of NADPH-cytochrome P450 reductase of the rice brown planthopper,Nilaparvata lugens,increases susceptibility to insecticides. Pest Management Science, 2015, 71, 32-39.	1.7	44
43	Identification of salivary proteins in the whitefly Bemisia tabaci by transcriptomic and LCâ€“MS/MS analyses. Insect Science, 2021, 28, 1369-1381.	1.5	44
44	Brown Planthopper Nudivirus DNA Integrated in Its Host Genome. Journal of Virology, 2014, 88, 5310-5318.	1.5	43
45	An immune-induced Reeler protein is involved in the Bombyx mori melanization cascade. Insect Biochemistry and Molecular Biology, 2011, 41, 696-706.	1.2	42
46	Transcriptome Sequencing and Gene Expression Analysis of Trichoderma brevicompactum under Different Culture Conditions. PLoS ONE, 2014, 9, e94203.	1.1	42
47	Aquabirnaviruses isolated from marine organisms form a distinct genogroup from other aquabirnaviruses. Journal of Fish Diseases, 2004, 27, 633-643.	0.9	41
48	Expression of two types of acetylcholinesterase gene from the silkworm, Bombyx mori, in insect cells. Insect Science, 2007, 14, 443-449.	1.5	41
49	Ecdysone receptor controls wing morphogenesis and melanization during rice planthopper metamorphosis. Journal of Insect Physiology, 2012, 58, 420-426.	0.9	41
50	Salivary <scp>DN</scp>ase <scp>II</scp> from Laodelphax striatellus acts as an effector that suppresses plant defence. New Phytologist, 2019, 224, 860-874.	3.5	40
51	NUTRITIONAL VALUE OF THE FIELD CRICKET (GRYLLUS TESTACEUS WALKER). Insect Science, 2004, 11, 275-283.	1.5	39
52	Molecular characterization of the flightin gene in the wing-dimorphic planthopper, Nilaparvata lugens, and its evolution in Pancrustacea. Insect Biochemistry and Molecular Biology, 2013, 43, 433-443.	1.2	38
53	The Î²â€Nâ€acetylhexosaminidase gene family in the brown planthopper, Nilaparvata lugens. Insect Molecular Biology, 2015, 24, 601-610.	1.0	37
54	Bombyx mori nucleopolyhedrovirus ORF56 encodes an occlusion-derived virus protein and is not essential for budded virus production. Journal of General Virology, 2008, 89, 1212-1219.	1.3	35

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55	Detecting Deep Divergence in Seventeen Populations of Tea Geometrid (Ectropis obliqua Prout) in China by COI mtDNA and Cross-Breeding. PLoS ONE, 2014, 9, e99373.	1.1	35
56	Comparison of the RNA polymerase genes of marine birnavirus strains and other birnaviruses. Archives of Virology, 2003, 148, 745-758.	0.9	33
57	A new continuous cell line from larval ovaries of silkworm, Bombyx mori. In Vitro Cellular and Developmental Biology - Animal, 2009, 45, 414-419.	0.7	33
58	Interactive effects of dietary magnesium and vitamin E on growth performance, body composition, blood parameters and antioxidant status in Japanese seabass (Lateolabrax japonicus) fed oxidized oil. Aquaculture Nutrition, 2016, 22, 708-722.	1.1	32
59	Two endosymbiotic bacteria, Wolbachia and Arsenophonus, in the brown planthopper Nilaparvata lugens. Symbiosis, 2013, 61, 47-53.	1.2	31
60	Recent advances in molecular biology research of a rice pest, the brown planthopper. Journal of Integrative Agriculture, 2019, 18, 716-728.	1.7	31
61	Genome sequence and organization of a nucleopolyhedrovirus that infects the tea looper caterpillar, Ectropis obliqua. Virology, 2007, 360, 235-246.	1.1	30
62	The ionotropic Î³-aminobutyric acid receptor gene family of the silkworm, Bombyx mori. Genome, 2010, 53, 688-697.	0.9	30
63	Seminal fluid protein genes of the brown planthopper, Nilaparvata lugens. BMC Genomics, 2016, 17, 654.	1.2	30
64	Improvement of hydrogen production by over-expression of a hydrogen-promoting protein gene in Enterobacter cloacae. International Journal of Hydrogen Energy, 2011, 36, 6609-6615.	3.8	29
65	The multicopper oxidase gene family in the brown planthopper, Nilaparvata lugens. Insect Biochemistry and Molecular Biology, 2015, 63, 124-132.	1.2	29
66	Identification and expression profiling of putative chemosensory protein genes in two rice planthoppers, Laodelphax striatellus (FallÃ©n) and Sogatella furcifera (HorvÃ¡th). Journal of Asia-Pacific Entomology, 2015, 18, 771-778.	0.4	28
67	The fatty acid elongase gene family in the brown planthopper, Nilaparvata lugens. Insect Biochemistry and Molecular Biology, 2019, 108, 32-43.	1.2	28
68	Identification and expression profiles of nine glutathione Sâ€transferase genes from the important rice phloem sapâ€sucker and virus vector Laodelphax striatellus (FallÃ©n) (Hemiptera:) Tj ETQq0 1 0 rgBT /Overlock 1	1.7	27
69	Effect of RNAi-mediated knockdown of NlTOR gene on fertility of male Nilaparvata lugens. Journal of Insect Physiology, 2017, 98, 149-159.	0.9	27
70	Rice stripe virus coat protein induces the accumulation of jasmonic acid, activating plant defence against the virus while also attracting its vector to feed. Molecular Plant Pathology, 2020, 21, 1647-1653.	2.0	27
71	Chromosomeâ€level assembly of the brown planthopper genome with a characterized Y chromosome. Molecular Ecology Resources, 2021, 21, 1287-1298.	2.2	26
72	Differentially expressed genes in resistant and susceptible Bombyx mori strains infected with a densonucleosis virus. Insect Biochemistry and Molecular Biology, 2008, 38, 853-861.	1.2	25

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73	Molecular characterization of two acetylcholinesterase genes from the brown planthopper, Nilaparvata lugens (Hemiptera: Delphacidae). Pesticide Biochemistry and Physiology, 2012, 102, 198-203.	1.6	25
74	Characteristics of the draft genome of â€œCandidatusArsenophonus nilaparvataeâ€, a facultative endosymbiont ofNilaparvata lugens. Insect Science, 2016, 23, 478-486.	1.5	25
75	Vitellogenin and Vitellogenin-Like Genes in the Brown Planthopper. Frontiers in Physiology, 2019, 10, 1181.	1.3	25
76	A Mucin-Like Protein Is Essential for Oviposition in Nilaparvata lugens. Frontiers in Physiology, 2019, 10, 551.	1.3	25
77	A class of independently evolved transcriptional repressors in plant RNA viruses facilitates viral infection and vector feeding. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	24
78	Chromosomeâ€level genome assembly of the bean bug Riptortus pedestris. Molecular Ecology Resources, 2021, 21, 2423-2436.	2.2	24
79	Comparison of catalytic properties and inhibition kinetics of two acetylcholinesterases from a lepidopteran insect. Pesticide Biochemistry and Physiology, 2010, 98, 175-182.	1.6	23
80	ODV-Associated Proteins of the Pieris rapae Granulovirus. Journal of Proteome Research, 2011, 10, 2817-2827.	1.8	23
81	Can Acetylcholinesterase Serve as a Target for Developing More Selective Insecticides?. Current Drug Targets, 2012, 13, 495-501.	1.0	23
82	Ion transport peptide (ITP) regulates wing expansion and cuticle melanism in the brown planthopper, Nilaparvata lugens. Insect Molecular Biology, 2016, 25, 778-787.	1.0	23
83	Identification and functional analysis of a novel chorion protein essential for egg maturation in the brown planthopper. Insect Molecular Biology, 2018, 27, 393-403.	1.0	23
84	How does saliva function in planthopperâ€“host interactions?. Archives of Insect Biochemistry and Physiology, 2019, 100, e21537.	0.6	23
85	Bombyx mori nucleopolyhedrovirus ORF79 encodes a 28-kDa structural protein of the ODV envelope. Archives of Virology, 2006, 151, 681-695.	0.9	22
86	Bicaudal-C plays a vital role in oogenesis in Nilaparvata lugens (Hemiptera: Delphacidae). Journal of Insect Physiology, 2015, 79, 19-26.	0.9	22
87	An ungrouped cuticular protein is essential for normal endocuticle formation in the brown planthopper. Insect Biochemistry and Molecular Biology, 2018, 100, 1-9.	1.2	22
88	FAR gene enables the brown planthopper to walk and jump on water in paddy field. Science China Life Sciences, 2019, 62, 1521-1531.	2.3	22
89	Influences of chitinase gene deletion from BmNPV on the cell lysis and host liquefaction. Archives of Virology, 2005, 150, 981-990.	0.9	21
90	Comparative analysis of the genomes of Bombyx mandarina and Bombyx mori nucleopolyhedroviruses. Journal of Microbiology, 2010, 48, 102-110.	1.3	21

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91	Heterologous expression of a hydrogenase gene in Enterobacter aerogenes to enhance hydrogen gas production. World Journal of Microbiology and Biotechnology, 2010, 26, 177-181.	1.7	21
92	Tra-2 Mediates Cross-Talk Between Sex Determination and Wing Polyphenism in Female Nilaparvata lugens. Genetics, 2017, 207, 1067-1078.	1.2	21
93	Improvement of fermentative hydrogen production using genetically modified Enterobacter aerogenes. International Journal of Hydrogen Energy, 2017, 42, 3676-3681.	3.8	21
94	Diversity and infectivity of the RNA virome among different cryptic species of an agriculturally important insect vector: whitefly Bemisia tabaci. Npj Biofilms and Microbiomes, 2021, 7, 43.	2.9	21
95	A baculovirus isolated from wild silkworm encompasses the host ranges of Bombyx mori nucleopolyhedrosis virus and Autographa californica multiple nucleopolyhedrovirus in cultured cells. Journal of General Virology, 2012, 93, 2480-2489.	1.3	20
96	Genomic diversity of Bombyx mori nucleopolyhedrovirus strains. Genomics, 2013, 102, 63-71.	1.3	20
97	Nudivirus Remnants in the Genomes of Arthropods. Genome Biology and Evolution, 2020, 12, 578-588.	1.1	20
98	Characterization of a nucleopolyhedrovirus with a deletion of the baculovirus core gene Bm67. Journal of General Virology, 2008, 89, 766-774.	1.3	19
99	Molecular characterization of a sodium channel gene from the Silkworm Bombyx mori. Insect Biochemistry and Molecular Biology, 2009, 39, 145-151.	1.2	19
100	Chitin synthase 1 and five cuticle protein genes are involved in serosal cuticle formation during early embryogenesis to enhance eggshells in Nilaparvata lugens. Insect Science, 2022, 29, 363-378.	1.5	19
101	Characterization of Helicoverpa armigera nucleopolyhedrovirus orf33 that encodes a novel budded virion derived protein, BV-e31. Archives of Virology, 2005, 150, 1505-1515.	0.9	18
102	Morphology and genome of Euproctis pseudoconspersa nucleopolyhedrovirus. Virus Genes, 2009, 38, 495-506.	0.7	18
103	Discovery of Two Novel Negeviruses in a Dungfly Collected from the Arctic. Viruses, 2020, 12, 692.	1.5	18
104	Enhancing hydrogen production of Enterobacter aerogenes by heterologous expression of hydrogenase genes originated from Synechocystis sp.. Bioresource Technology, 2016, 216, 976-980.	4.8	17
105	Effects of dietary calcium levels on growth and tissue mineralization in Japanese seabass,Lateolabrax japonicus. Aquaculture Nutrition, 2017, 23, 637-648.	1.1	17
106	Characterization of NlHox3, an essential gene for embryonic development in Nilaparvata lugens. Archives of Insect Biochemistry and Physiology, 2018, 98, e21448.	0.6	17
107	Elevenin signaling modulates body color through the tyrosineâ€mediated cuticle melanism pathway. FASEB Journal, 2019, 33, 9731-9741.	0.2	17
108	Activation of Toll Immune Pathway in an Insect Vector Induced by a Plant Virus. Frontiers in Immunology, 2020, 11, 613957.	2.2	17

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109	Silkworm Coatomers and Their Role in Tube Expansion of Posterior Silkgland. PLoS ONE, 2010, 5, e13252.	1.1	16
110	The Genome of Pieris rapae Granulovirus. Journal of Virology, 2012, 86, 9544-9544.	1.5	16
111	Molecular characterization of DSC1 orthologs in invertebrate species. Insect Biochemistry and Molecular Biology, 2012, 42, 353-359.	1.2	16
112	Ten fatty acylâ€CoA reductase family genes were essential for the survival of the destructive rice pest, <scp>Nilaparvata lugens</scp>. Pest Management Science, 2020, 76, 2304-2315.	1.7	16
113	Three-dimensional reconstruction of a whole insect reveals its phloem sap-sucking mechanism at nano-resolution. ELife, 2021, 10, .	2.8	16
114	Morphological, phylogenetic and biological characteristics of Ectropis obliqua single-nucleocapsid nucleopolyhedrovirus. Journal of Microbiology, 2006, 44, 77-82.	1.3	16
115	Characterization of a Bombyx mori nucleopolyhedrovirus with Bmvp80 disruption. Virus Research, 2008, 138, 81-88.	1.1	15
116	Bombyx mori nucleopolyhedrovirus ORF9 is a gene involved in the budded virus production and infectivity. Journal of General Virology, 2009, 90, 162-169.	1.3	15
117	The VP37 protein of Broad bean wilt virus 2 induces tubule-like structures in both plant and insect cells. Virus Research, 2011, 155, 42-47.	1.1	15
118	Genome Sequence of a Bombyx mori Nucleopolyhedrovirus Strain with Cubic Occlusion Bodies. Journal of Virology, 2012, 86, 10245-10245.	1.5	15
119	The histone deacetylase NlHDAC1 regulates both female and male fertility in the brown planthopper,Nilaparvata lugens. Open Biology, 2018, 8, 180158.	1.5	15
120	HearSNPV orf83 encodes a late, nonstructural protein with an active chitin-binding domain. Virus Research, 2006, 117, 237-243.	1.1	14
121	High-level expression of orange fluorescent protein in the silkworm larvae by the Bac-to-Bac system. Molecular Biology Reports, 2009, 36, 329-335.	1.0	14
122	Genomic Sequence of Heliothis virescens Ascovirus 3g Isolated from Spodoptera exigua. Journal of Virology, 2012, 86, 12467-12468.	1.5	14
123	Future questions in insect chitin biology: A microreview. Archives of Insect Biochemistry and Physiology, 2018, 98, e21454.	0.6	14
124	DDC plays vital roles in the wing spot formation, egg production, and chorion tanning in the brown planthopper. Archives of Insect Biochemistry and Physiology, 2019, 101, e21552.	0.6	14
125	Expression of the melittin gene of Apis cerana cerana in Escherichia coli. Protein Expression and Purification, 2004, 37, 213-219.	0.6	13
126	Quantification of silkworm coactivator of MBF1 mRNA by SYBR Green I real-time RT-PCR reveals tissue- and stage-specific transcription levels. Molecular Biology Reports, 2009, 36, 1217-1223.	1.0	13

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127	Oocyte Vitellogenesis Triggers the Entry of Yeast-Like Symbionts Into the Oocyte of Brown Planthopper (Hemiptera: Delphacidae). Annals of the Entomological Society of America, 2016, 109, 753-758.	1.3	13
128	Forkhead box transcription factor L2 activates Fcp3C to regulate insect chorion formation. Open Biology, 2017, 7, 170061.	1.5	13
129	Involvement of Bombyx mori nucleopolyhedrovirus ORF41 (Bm41) in BV production and ODV envelopment. Virology, 2009, 387, 184-192.	1.1	12
130	Direct interactions between bidensovirus <scp>B</scp>m<scp>DNV</scp>â€<scp>Z</scp> proteins and midgut proteins from the virus target <scp>B</scp>ombyxÂmori. FEBS Journal, 2013, 280, 939-949.	2.2	12
131	An Anti-apoptosis Gene of the Bcl-2 Family from Marine Birnavirus Inhibiting Apoptosis of Insect Cells Infected with Baculovirus. Virus Genes, 2005, 31, 185-193.	0.7	11
132	Expression of the housefly acetylcholinesterase in a bioreactor and its potential application in the detection of pesticide residues. World Journal of Microbiology and Biotechnology, 2010, 26, 1795-1801.	1.7	11
133	Open reading frame 60 of the Bombyx mori nucleopolyhedrovirus plays a role in budded virus production. Virus Research, 2010, 151, 185-191.	1.1	11
134	Expression of a neurotoxin gene improves the insecticidal activity of Spodoptera litura nucleopolyhedrovirus (SpltNPV). Virus Research, 2011, 159, 51-56.	1.1	11
135	Cell-dependent production of polyhedra and virion occlusion of Autographa californica multiple nucleopolyhedrovirus fp25k mutants in vitro and in vivo. Journal of General Virology, 2013, 94, 177-186.	1.3	11
136	Reduction of polyhedrin mRNA and protein expression levels in Sf9 and Hi5 cell lines, but not in Sf21 cells, infected with Autographa californica multiple nucleopolyhedrovirus fp25k mutants. Journal of General Virology, 2013, 94, 166-176.	1.3	11
137	The Elicitation Effect of Pathogenic Fungi on Trichodermin Production byTrichoderma brevicompactum. Scientific World Journal, The, 2013, 2013, 1-6.	0.8	11
138	<scp>RNAi</scp>â€mediated silencing of ferritin genes in the brown planthopper <scp>Nilaparvata lugens</scp> affects survival, growth and female fecundity. Pest Management Science, 2021, 77, 365-377.	1.7	11
139	HSP70/DNAJ Family of Genes in the Brown Planthopper, Nilaparvata lugens: Diversity and Function. Genes, 2021, 12, 394.	1.0	11
140	Identification of RiptortusÂpedestris Salivary Proteins and Their Roles in Inducing Plant Defenses. Biology, 2021, 10, 753.	1.3	11
141	Identification of a novel functional nuclear localization signal in the protein encoded by open reading frame 47 of Bombyx mori nucleopolyhedrovirus. Archives of Virology, 2010, 155, 1943-1950.	0.9	10
142	Genome of a Bombyx mori Nucleopolyhedrovirus Strain Isolated from India. Journal of Virology, 2012, 86, 11941-11941.	1.5	10
143	Molecular and immunohistochemical characterization of the chitinase gene from Pieris rapae granulovirus. Archives of Virology, 2013, 158, 1701-1718.	0.9	10
144	Roles of Bacterial Symbionts in Transmission of Plant Virus by Hemipteran Vectors. Frontiers in Microbiology, 2022, 13, 805352.	1.5	10

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145	Identification ofBombyx atonaland functional comparison with theDrosophila atonalproneural factor in the developing fly eye. Genesis, 2012, 50, 393-403.	0.8	9
146	Phase-Related Developmental Characteristics of Antennal Sensilla of Nymphal <I>Laodelphax striatellus</I> (Hemiptera: Delphacidae), a Serious Virus-Transmitting Insect Vector of Graminaceous Crops. Annals of the Entomological Society of America, 2013, 106, 626-636.	1.3	9
147	Complete genome analysis of a novel iflavirus from a leaf beetle, Aulacophora lewisii. Archives of Virology, 2021, 166, 309-312.	0.9	9
148	A feminizing switch in a hemimetabolous insect. Science Advances, 2021, 7, eabf9237.	4.7	9
149	Expression and regulation of phospholipase A2 in venom gland of the chinese honeybee,Apis cerana cerana. Archives of Insect Biochemistry and Physiology, 2005, 60, 1-12.	0.6	8
150	Characterization of a late expression gene, Open reading frame 128 of Helicoverpa armigera single nucleocapsid nucleopolyhedrovirus. Archives of Virology, 2005, 150, 2453-2466.	0.9	8
151	Biological Comparison of Two Genotypes of Helicoverpa armigera Single-Nucleocapsid Nucleopolyhedrovirus. BioControl, 2006, 51, 809-820.	0.9	8
152	Characterization of Bombyx mori nucleopolyhedrovirus with a deletion of bm118. Virus Research, 2008, 135, 220-229.	1.1	8
153	Comparative analysis of budded virus infectivity of Bombyx mandarina and B. mori nucleopolyhedroviruses. Virus Genes, 2011, 43, 313-317.	0.7	8
154	Disruption of Bombyx mori nucleopolyhedrovirus ORF71 (Bm71) results in inefficient budded virus production and decreased virulence in host larvae. Virus Genes, 2012, 45, 161-168.	0.7	8
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