

Chuan-Xi Zhang

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6120510/chuan-xi-zhang-publications-by-year.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

220
papers

5,392
citations

36
h-index

65
g-index

242
ext. papers

6,847
ext. citations

4.5
avg, IF

5.89
L-index

#	Paper	IF	Citations
220	Roles of Bacterial Symbionts in Transmission of Plant Virus by Hemipteran Vectors.. <i>Frontiers in Microbiology</i> , 2022 , 13, 805352	5.7	0
219	Complete genome analysis of a novel picorna-like virus from a ladybird beetle (<i>Cheilomenes sexmaculata</i>).. <i>Archives of Virology</i> , 2022 , 167, 1215	2.6	0
218	Complete genome sequence of a novel arlivirus from a yellow spotted stink bug (<i>Erthesina fullo</i> (Thunberg, 1783)).. <i>Archives of Virology</i> , 2022 , 167, 1205	2.6	
217	A CYP380C10 gene is required for waterproofing and water retention in the insect integument.. <i>Journal of Insect Physiology</i> , 2022 , 104380	2.4	0
216	Complete sequence and genetic characterization of a novel insect-specific reovirus discovered from <i>Laodelphax striatellus</i> .. <i>Virology</i> , 2022 , 570, 117-122	3.6	0
215	Chromosome-level genome assembly for the horned-gall aphid provides insights into interactions between gall-making insect and its host plant.. <i>Ecology and Evolution</i> , 2022 , 12, e8815	2.8	1
214	Complete genome analysis of a nege-like virus in aphids (<i>Astegopteryx formosana</i>). <i>Archives of Virology</i> , 2021 , 167, 267	2.6	
213	A feminizing switch in a hemimetabolous insect. <i>Science Advances</i> , 2021 , 7, eabf9237	14.3	1
212	Identification of salivary proteins in the whitefly <i>Bemisia tabaci</i> by transcriptomic and LC-MS/MS analyses. <i>Insect Science</i> , 2021 , 28, 1369-1381	3.6	11
211	A class of independently evolved transcriptional repressors in plant RNA viruses facilitates viral infection and vector feeding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	4
210	Novel Dicistroviruses in an Unexpected Wide Range of Invertebrates. <i>Food and Environmental Virology</i> , 2021 , 13, 423-431	4	2
209	Complete genome sequence of a novel nege-like virus in aphids (genus <i>Indomegoura</i>). <i>Virology Journal</i> , 2021 , 18, 76	6.1	3
208	Proteomic analysis of <i>Laodelphax striatellus</i> in response to Rice stripe virus infection reveal a potential role of ZFP36L1 in restriction of viral proliferation. <i>Journal of Proteomics</i> , 2021 , 239, 104184	3.9	0
207	A lateral oviduct secreted protein plays a vital role for egg movement through the female reproductive tract in the brown planthopper. <i>Insect Biochemistry and Molecular Biology</i> , 2021 , 132, 103555	4.5	2
206	Diversity and infectivity of the RNA virome among different cryptic species of an agriculturally important insect vector: whitefly <i>Bemisia tabaci</i> . <i>Npj Biofilms and Microbiomes</i> , 2021 , 7, 43	8.2	3
205	Physical contact transmission of Cucumber green mottle mosaic virus by <i>Myzus persicae</i> . <i>PLoS ONE</i> , 2021 , 16, e0252856	3.7	0
204	Chromosome-level genome assembly of the bean bug <i>Riptortus pedestris</i> . <i>Molecular Ecology Resources</i> , 2021 , 21, 2423-2436	8.4	0

203	RNAi-mediated silencing of ferritin genes in the brown planthopper <i>Nilaparvata lugens</i> affects survival, growth and female fecundity. <i>Pest Management Science</i> , 2021 , 77, 365-377	4.6	3
202	Complete genome analysis of a novel iflavivirus from a leaf beetle, <i>Aulacophora lewisii</i> . <i>Archives of Virology</i> , 2021 , 166, 309-312	2.6	4
201	Insight into different host range of three planthoppers by transcriptomic and microbiomic analysis. <i>Insect Molecular Biology</i> , 2021 , 30, 287-296	3.4	1
200	Chromosome-level assembly of the brown planthopper genome with a characterized Y chromosome. <i>Molecular Ecology Resources</i> , 2021 , 21, 1287-1298	8.4	7
199	Three-dimensional reconstruction of pore canals in the cuticle of the brown planthopper. <i>Science China Life Sciences</i> , 2021 , 64, 1992-1994	8.5	
198	Neutral Ceramidase Is Required for the Reproduction of Brown Planthopper, (<i>St</i>). <i>Frontiers in Physiology</i> , 2021 , 12, 629532	4.6	1
197	The Genetic Network of Forkhead Gene Family in Development of Brown Planthoppers. <i>Biology</i> , 2021 , 10,	4.9	1
196	An MD-2-related lipid-recognition protein is required for insect reproduction and integument development.. <i>Open Biology</i> , 2021 , 11, 210170	7	1
195	Nudivirus Remnants in the Genomes of Arthropods. <i>Genome Biology and Evolution</i> , 2020 , 12, 578-588	3.9	11
194	Pleiotropic Functions of : Regulating Different Target Genes during Embryogenesis and Nymph Molting in the Brown Planthopper. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	1
193	Discovery of Two Novel Negevirus in a Dungfly Collected from the Arctic. <i>Viruses</i> , 2020 , 12,	6.2	9
192	Ten fatty acyl-CoA reductase family genes were essential for the survival of the destructive rice pest, <i>Nilaparvata lugens</i> . <i>Pest Management Science</i> , 2020 , 76, 2304-2315	4.6	4
191	Three-dimensional architecture of a mechanoreceptor in the brown planthopper, <i>Nilaparvata lugens</i> , revealed by FIB-SEM. <i>Cell and Tissue Research</i> , 2020 , 379, 487-495	4.2	0
190	Rice stripe virus coat protein induces the accumulation of jasmonic acid, activating plant defence against the virus while also attracting its vector to feed. <i>Molecular Plant Pathology</i> , 2020 , 21, 1647-1653	5.7	10
189	Activation of Toll Immune Pathway in an Insect Vector Induced by a Plant Virus. <i>Frontiers in Immunology</i> , 2020 , 11, 613957	8.4	2
188	Recent advances in molecular biology research of a rice pest, the brown planthopper. <i>Journal of Integrative Agriculture</i> , 2019 , 18, 716-728	3.2	13
187	Vitellogenin and Vitellogenin-Like Genes in the Brown Planthopper. <i>Frontiers in Physiology</i> , 2019 , 10, 1181	4.6	14
186	How does saliva function in planthopper-host interactions?. <i>Archives of Insect Biochemistry and Physiology</i> , 2019 , 100, e21537	2.3	7

185	Elevenin signaling modulates body color through the tyrosine-mediated cuticle melanism pathway. <i>FASEB Journal</i> , 2019 , 33, 9731-9741	0.9	6
184	A Mucin-Like Protein Is Essential for Oviposition in. <i>Frontiers in Physiology</i> , 2019 , 10, 551	4.6	12
183	Egf-like gene is essential for cuticle metabolism in the brown planthopper. <i>Journal of Insect Physiology</i> , 2019 , 116, 90-99	2.4	0
182	DDC plays vital roles in the wing spot formation, egg production, and chorion tanning in the brown planthopper. <i>Archives of Insect Biochemistry and Physiology</i> , 2019 , 101, e21552	2.3	9
181	The fatty acid elongase gene family in the brown planthopper, <i>Nilaparvata lugens</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2019 , 108, 32-43	4.5	13
180	Salivary DNase II from <i>Laodelphax striatellus</i> acts as an effector that suppresses plant defence. <i>New Phytologist</i> , 2019 , 224, 860-874	9.8	26
179	FAR gene enables the brown planthopper to walk and jump on water in paddy field. <i>Science China Life Sciences</i> , 2019 , 62, 1521-1531	8.5	10
178	Amelogenin domain-containing NIChP38 is necessary for normal ovulation in the brown planthopper. <i>Insect Molecular Biology</i> , 2019 , 28, 605-615	3.4	4
177	Challenging battles of plants with phloem-feeding insects and prokaryotic pathogens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 23390-23397	11.5	28
176	The flightin gene is necessary for the emission of vibrational signals in the rice brown planthopper (<i>Nilaparvata lugens</i> Stål). <i>Journal of Insect Physiology</i> , 2019 , 112, 101-108	2.4	4
175	Molecular Mechanisms of Wing Polymorphism in Insects. <i>Annual Review of Entomology</i> , 2019 , 64, 297-314	11.8	39
174	Identification and functional analysis of a novel chorion protein essential for egg maturation in the brown planthopper. <i>Insect Molecular Biology</i> , 2018 , 27, 393-403	3.4	8
173	Future questions in insect chitin biology: A microreview. <i>Archives of Insect Biochemistry and Physiology</i> , 2018 , 98, e21454	2.3	11
172	Transcriptional analysis of <i>Pieris rapae</i> in response to <i>P. rapae</i> granulovirus. <i>Journal of Asia-Pacific Entomology</i> , 2018 , 21, 513-518	1.4	2
171	Characterization of NIHox3, an essential gene for embryonic development in <i>Nilaparvata lugens</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2018 , 98, e21448	2.3	3
170	A comprehensive omics analysis and functional survey of cuticular proteins in the brown planthopper. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 5175-5180	11.5	48
169	An ungrouped cuticular protein is essential for normal endocuticle formation in the brown planthopper. <i>Insect Biochemistry and Molecular Biology</i> , 2018 , 100, 1-9	4.5	10
168	CRISPR/Cas9-mediated knockout of two eye pigmentation genes in the brown planthopper, <i>Nilaparvata lugens</i> (Hemiptera: Delphacidae). <i>Insect Biochemistry and Molecular Biology</i> , 2018 , 93, 19-26	4.5	49

167	Combined transcriptomic/proteomic analysis of salivary gland and secreted saliva in three planthopper species. <i>Journal of Proteomics</i> , 2018 , 172, 25-35	3.9	30
166	The histone deacetylase NHDAC1 regulates both female and male fertility in the brown planthopper, <i>Nilaparvata lugens</i> . <i>Open Biology</i> , 2018 , 8, 180158	7	10
165	Identification and functional analysis of the doublesex gene in the sexual development of a hemimetabolous insect, the brown planthopper. <i>Insect Biochemistry and Molecular Biology</i> , 2018 , 102, 31-42	4.5	27
164	Effects of dietary calcium levels on growth and tissue mineralization in Japanese seabass, <i>Lateolabrax japonicus</i> . <i>Aquaculture Nutrition</i> , 2017 , 23, 637-648	3.2	10
163	Mucin-like protein, a saliva component involved in brown planthopper virulence and host adaptation. <i>Journal of Insect Physiology</i> , 2017 , 98, 223-230	2.4	30
162	Effect of RNAi-mediated knockdown of NITOR gene on fertility of male <i>Nilaparvata lugens</i> . <i>Journal of Insect Physiology</i> , 2017 , 98, 149-159	2.4	19
161	Comparative analysis of the transcriptional responses to low and high temperatures in three rice planthopper species. <i>Molecular Ecology</i> , 2017 , 26, 2726-2737	5.7	43
160	Forkhead box transcription factor L2 activates to regulate insect chorion formation. <i>Open Biology</i> , 2017 , 7,	7	10
159	A mitochondrial membrane protein is a target for rice ragged stunt virus in its insect vector. <i>Virus Research</i> , 2017 , 229, 48-56	6.4	4
158	Insulin receptors and wing dimorphism in rice planthoppers. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017 , 372,	5.8	35
157	Mediates Cross-Talk Between Sex Determination and Wing Polyphenism in Female. <i>Genetics</i> , 2017 , 207, 1067-1078	4	13
156	Improvement of fermentative hydrogen production using genetically modified <i>Enterobacter aerogenes</i> . <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 3676-3681	6.7	15
155	Ion transport peptide (ITP) regulates wing expansion and cuticle melanism in the brown planthopper, <i>Nilaparvata lugens</i> . <i>Insect Molecular Biology</i> , 2016 , 25, 778-787	3.4	12
154	De novo assembled transcriptome of horned gall aphid, <i>Schlechtendalia chinensis</i> Bell, suggest changes in functional gene expression during host alternation. <i>Entomological Research</i> , 2016 , 46, 314-323	1.3	1
153	Oocyte Vitellogenesis Triggers the Entry of Yeast-Like Symbionts Into the Oocyte of Brown Planthopper (Hemiptera: Delphacidae). <i>Annals of the Entomological Society of America</i> , 2016 , 109, 753-758	2.8	10
152	Characterization of actin and tubulin promoters from two sap-sucking pests, <i>Nilaparvata lugens</i> (Stål) and <i>Nephotettix cincticeps</i> (Uhler). <i>Biochemical and Biophysical Research Communications</i> , 2016 , 470, 831-7	3.4	2
151	A Cripavirus in the brown planthopper, <i>Nilaparvata lugens</i> . <i>Journal of General Virology</i> , 2016 , 97, 706-714	4.9	5
150	Seminal fluid protein genes of the brown planthopper, <i>Nilaparvata lugens</i> . <i>BMC Genomics</i> , 2016 , 17, 654	4.5	15

149	Enhancing hydrogen production of <i>Enterobacter aerogenes</i> by heterologous expression of hydrogenase genes originated from <i>Synechocystis</i> sp. <i>Bioresource Technology</i> , 2016 , 216, 976-80	11	12
148	Characteristics of the draft genome of " <i>Candidatus Arsenophonus nilaparvatae</i> ", a facultative endosymbiont of <i>Nilaparvata lugens</i> . <i>Insect Science</i> , 2016 , 23, 478-86	3.6	14
147	Screening and Functional Analyses of <i>Nilaparvata lugens</i> Salivary Proteome. <i>Journal of Proteome Research</i> , 2016 , 15, 1883-96	5.6	55
146	A draft genome of the ghost moth, <i>Thitarodes</i> (<i>Hepialus</i>) sp., a medicinal caterpillar fungus. <i>Insect Science</i> , 2016 , 23, 326-9	3.6	5
145	Interactive effects of dietary magnesium and vitamin E on growth performance, body composition, blood parameters and antioxidant status in Japanese seabass (<i>Lateolabrax japonicus</i>) fed oxidized oil. <i>Aquaculture Nutrition</i> , 2016 , 22, 708-722	3.2	18
144	Screening the diatom <i>Nitzschia</i> sp. re-mutated by ¹³⁷ Cs-irradiation and optimizing growth conditions to increase lipid productivity. <i>Journal of Applied Phycology</i> , 2015 , 27, 661-672	3.2	5
143	Genomic and transcriptomic insights into the cytochrome P450 monooxygenase gene repertoire in the rice pest brown planthopper, <i>Nilaparvata lugens</i> . <i>Genomics</i> , 2015 , 106, 301-9	4.3	43
142	The multicopper oxidase gene family in the brown planthopper, <i>Nilaparvata lugens</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2015 , 63, 124-32	4.5	22
141	Two insulin receptors determine alternative wing morphs in planthoppers. <i>Nature</i> , 2015 , 519, 464-7	50.4	243
140	Identification and expression profiling of putative chemosensory protein genes in two rice planthoppers, <i>Laodelphax striatellus</i> (Fallén) and <i>Sogatella furcifera</i> (Horváth). <i>Journal of Asia-Pacific Entomology</i> , 2015 , 18, 771-778	1.4	16
139	Insight into the three-dimensional structure of maize chlorotic mottle virus revealed by Cryo-EM single particle analysis. <i>Virology</i> , 2015 , 485, 171-8	3.6	3
138	RNA interference of NADPH-cytochrome P450 reductase of the rice brown planthopper, <i>Nilaparvata lugens</i> , increases susceptibility to insecticides. <i>Pest Management Science</i> , 2015 , 71, 32-9	4.6	34
137	Chitinase-like gene family in the brown planthopper, <i>Nilaparvata lugens</i> . <i>Insect Molecular Biology</i> , 2015 , 24, 29-40	3.4	75
136	Rice ragged stunt virus-induced apoptosis affects virus transmission from its insect vector, the brown planthopper to the rice plant. <i>Scientific Reports</i> , 2015 , 5, 11413	4.9	41
135	Uncoating Mechanism of Carnation Mottle Virus Revealed by Cryo-EM Single Particle Analysis. <i>Scientific Reports</i> , 2015 , 5, 14825	4.9	4
134	The N-acetylhexosaminidase gene family in the brown planthopper, <i>Nilaparvata lugens</i> . <i>Insect Molecular Biology</i> , 2015 , 24, 601-10	3.4	25
133	Well-balanced commensal microbiota contributes to anti-cancer response in a lung cancer mouse model. <i>Genetics and Molecular Research</i> , 2015 , 14, 5642-51	1.2	132
132	Bicaudal-C plays a vital role in oogenesis in <i>Nilaparvata lugens</i> (Hemiptera: Delphacidae). <i>Journal of Insect Physiology</i> , 2015 , 79, 19-26	2.4	17

131	Genomic Analysis of an Ascomycete Fungus from the Rice Planthopper Reveals How It Adapts to an Endosymbiotic Lifestyle. <i>Genome Biology and Evolution</i> , 2015 , 7, 2623-34	3.9	35
130	A salivary sheath protein essential for the interaction of the brown planthopper with rice plants. <i>Insect Biochemistry and Molecular Biology</i> , 2015 , 66, 77-87	4.5	39
129	Construction and analysis of antennal cDNA library from rice striped stem borer, <i>Chilo suppressalis</i> (Walker) (Lepidoptera: Pyralidae), and expression profiles of putative odorant-binding protein and chemosensory protein genes. <i>Archives of Insect Biochemistry and Physiology</i> , 2015 , 89, 35-53	2.3	7
128	<i>Helicoverpa armigera</i> nucleopolyhedrovirus orf81 is a late gene involved in budded virus production. <i>Archives of Virology</i> , 2014 , 159, 2011-22	2.6	6
127	The composition and transmission of microbiome in hard tick, <i>Ixodes persulcatus</i> , during blood meal. <i>Ticks and Tick-borne Diseases</i> , 2014 , 5, 864-70	3.6	64
126	Genomic insights into the serine protease gene family and expression profile analysis in the planthopper, <i>Nilaparvata lugens</i> . <i>BMC Genomics</i> , 2014 , 15, 507	4.5	38
125	Gene expression and metabolic pathways related to cell growth and lipid synthesis in diatom <i>Nitzschia ZJU2</i> after two rounds of mutagenesis by γ -rays. <i>RSC Advances</i> , 2014 , 4, 28463-28470	3.7	8
124	Antifungal activity of metabolites of the endophytic fungus <i>Trichoderma brevicompactum</i> from garlic. <i>Brazilian Journal of Microbiology</i> , 2014 , 45, 248-54	2.2	65
123	Brown planthopper nudivirus DNA integrated in its host genome. <i>Journal of Virology</i> , 2014 , 88, 5310-8	6.6	33
122	Genomes of the rice pest brown planthopper and its endosymbionts reveal complex complementary contributions for host adaptation. <i>Genome Biology</i> , 2014 , 15, 521	18.3	271
121	Chitin deacetylase family genes in the brown planthopper, <i>Nilaparvata lugens</i> (Hemiptera: Delphacidae). <i>Insect Molecular Biology</i> , 2014 , 23, 695-705	3.4	71
120	Transcriptome and Gene Expression Analysis of an Oleaginous Diatom Under Different Salinity Conditions. <i>Bioenergy Research</i> , 2014 , 7, 192-205	3.1	46
119	Transcriptome sequencing and gene expression analysis of <i>Trichoderma brevicompactum</i> under different culture conditions. <i>PLoS ONE</i> , 2014 , 9, e94203	3.7	14
118	Detecting deep divergence in seventeen populations of tea geometrid (<i>Ectropis obliqua</i> Prout) in China by COI mtDNA and cross-breeding. <i>PLoS ONE</i> , 2014 , 9, e99373	3.7	28
117	Data Processing System (DPS) software with experimental design, statistical analysis and data mining developed for use in entomological research. <i>Insect Science</i> , 2013 , 20, 254-60	3.6	574
116	The genome- and transcriptome-wide analysis of innate immunity in the brown planthopper, <i>Nilaparvata lugens</i> . <i>BMC Genomics</i> , 2013 , 14, 160	4.5	62
115	Genome-wide screening for components of small interfering RNA (siRNA) and micro-RNA (miRNA) pathways in the brown planthopper, <i>Nilaparvata lugens</i> (Hemiptera: Delphacidae). <i>Insect Molecular Biology</i> , 2013 , 22, 635-47	3.4	76
114	Two endosymbiotic bacteria, <i>Wolbachia</i> and <i>Arsenophonus</i> , in the brown planthopper <i>Nilaparvata lugens</i> . <i>Symbiosis</i> , 2013 , 61, 47-53	3	18

113	Molecular and immunohistochemical characterization of granulin gene encoded in <i>Pieris rapae</i> granulovirus genome. <i>Journal of Invertebrate Pathology</i> , 2013 , 113, 7-17	2.6	3
112	Molecular and immunohistochemical characterization of the chitinase gene from <i>Pieris rapae</i> granulovirus. <i>Archives of Virology</i> , 2013 , 158, 1701-18	2.6	7
111	Genomic diversity of <i>Bombyx mori</i> nucleopolyhedrovirus strains. <i>Genomics</i> , 2013 , 102, 63-71	4.3	17
110	Molecular characterization of the flightin gene in the wing-dimorphic planthopper, <i>Nilaparvata lugens</i> , and its evolution in Pancrustacea. <i>Insect Biochemistry and Molecular Biology</i> , 2013 , 43, 433-43	4.5	28
109	Development and characterization of a new <i>Bombyx mori</i> cell line for protein expression. <i>Journal of Asia-Pacific Entomology</i> , 2013 , 16, 17-22	1.4	3
108	Cell-dependent production of polyhedra and virion occlusion of <i>Autographa californica</i> multiple nucleopolyhedrovirus fp25k mutants in vitro and in vivo. <i>Journal of General Virology</i> , 2013 , 94, 177-186	4.9	10
107	Phase-Related Developmental Characteristics of Antennal Sensilla of Nymphal <i>Laodelphax striatellus</i> (Hemiptera: Delphacidae), a Serious Virus-Transmitting Insect Vector of Gramineous Crops. <i>Annals of the Entomological Society of America</i> , 2013 , 106, 626-636	2	4
106	Direct interactions between bidensovirus BmDENV-Z proteins and midgut proteins from the virus target <i>Bombyx mori</i> . <i>FEBS Journal</i> , 2013 , 280, 939-49	5.7	7
105	Reduction of polyhedrin mRNA and protein expression levels in Sf9 and Hi5 cell lines, but not in Sf21 cells, infected with <i>Autographa californica</i> multiple nucleopolyhedrovirus fp25k mutants. <i>Journal of General Virology</i> , 2013 , 94, 166-176	4.9	10
104	Genomic insights into the glutathione S-transferase gene family of two rice planthoppers, <i>Nilaparvata lugens</i> (Stål) and <i>Sogatella furcifera</i> (Horváth) (Hemiptera: Delphacidae). <i>PLoS ONE</i> , 2013 , 8, e56604	3.7	47
103	The elicitation effect of pathogenic fungi on trichodermin production by <i>Trichoderma brevicompactum</i> . <i>Scientific World Journal</i> , 2013 , 2013, 607102	2.2	9
102	Molecular characterization of two acetylcholinesterase genes from the brown planthopper, <i>Nilaparvata lugens</i> (Hemiptera: Delphacidae). <i>Pesticide Biochemistry and Physiology</i> , 2012 , 102, 198-203	4.9	23
101	Ecdysone receptor controls wing morphogenesis and melanization during rice planthopper metamorphosis. <i>Journal of Insect Physiology</i> , 2012 , 58, 420-6	2.4	34
100	Genome of <i>Thysanoplusia orichalcea</i> multiple nucleopolyhedrovirus lacks the superoxide dismutase gene. <i>Journal of Virology</i> , 2012 , 86, 11948-9	6.6	5
99	A baculovirus isolated from wild silkworm encompasses the host ranges of <i>Bombyx mori</i> nucleopolyhedrosis virus and <i>Autographa californica</i> multiple nucleopolyhedrovirus in cultured cells. <i>Journal of General Virology</i> , 2012 , 93, 2480-2489	4.9	14
98	Chitin synthase 1 gene and its two alternative splicing variants from two sap-sucking insects, <i>Nilaparvata lugens</i> and <i>Laodelphax striatellus</i> (Hemiptera: Delphacidae). <i>Insect Biochemistry and Molecular Biology</i> , 2012 , 42, 637-46	4.5	88
97	De novo intestine-specific transcriptome of the brown planthopper <i>Nilaparvata lugens</i> revealed potential functions in digestion, detoxification and immune response. <i>Genomics</i> , 2012 , 99, 256-64	4.3	62
96	Genome of a <i>Bombyx mori</i> nucleopolyhedrovirus strain isolated from India. <i>Journal of Virology</i> , 2012 , 86, 11941	6.6	9

95	Molecular characterization of DSC1 orthologs in invertebrate species. <i>Insect Biochemistry and Molecular Biology</i> , 2012 , 42, 353-9	4.5	15
94	Identification and expression profiles of nine glutathione S-transferase genes from the important rice phloem sap-sucker and virus vector <i>Laodelphax striatellus</i> (Fallén) (Hemiptera: Delphacidae). <i>Pest Management Science</i> , 2012 , 68, 1296-305	4.6	22
93	Identification of <i>Bombyx atonal</i> and functional comparison with the <i>Drosophila atonal</i> proneural factor in the developing fly eye. <i>Genesis</i> , 2012 , 50, 393-403	1.9	8
92	Disruption of <i>Bombyx mori</i> nucleopolyhedrovirus ORF71 (Bm71) results in inefficient budded virus production and decreased virulence in host larvae. <i>Virus Genes</i> , 2012 , 45, 161-8	2.3	8
91	<i>Bombyx mori</i> nucleopolyhedrovirus ORF54, a viral desmoplakin gene, is associated with the infectivity of budded virions. <i>Archives of Virology</i> , 2012 , 157, 1241-51	2.6	1
90	The Genome of <i>Pieris rapae</i> Granulovirus. <i>Journal of Virology</i> , 2012 , 86, 9544	6.6	13
89	Genomic sequence of <i>Heliothis virescens</i> ascovirus 3g isolated from <i>Spodoptera exigua</i> . <i>Journal of Virology</i> , 2012 , 86, 12467-8	6.6	13
88	Genome sequence of a <i>Bombyx mori</i> nucleopolyhedrovirus strain with cubic occlusion bodies. <i>Journal of Virology</i> , 2012 , 86, 10245	6.6	14
87	Dynamic interactions between <i>Bombyx mori</i> nucleopolyhedrovirus and its host cells revealed by transcriptome analysis. <i>Journal of Virology</i> , 2012 , 86, 7345-59	6.6	72
86	Can acetylcholinesterase serve as a target for developing more selective insecticides?. <i>Current Drug Targets</i> , 2012 , 13, 495-501	3	17
85	ODV-associated proteins of the <i>Pieris rapae</i> granulovirus. <i>Journal of Proteome Research</i> , 2011 , 10, 2817-27	3.7	18
84	An immune-induced reeler protein is involved in the <i>Bombyx mori</i> melanization cascade. <i>Insect Biochemistry and Molecular Biology</i> , 2011 , 41, 696-706	4.5	30
83	The VP37 protein of Broad bean wilt virus 2 induces tubule-like structures in both plant and insect cells. <i>Virus Research</i> , 2011 , 155, 42-7	6.4	14
82	Expression of a neurotoxin gene improves the insecticidal activity of <i>Spodoptera litura</i> nucleopolyhedrovirus (SpltNPV). <i>Virus Research</i> , 2011 , 159, 51-6	6.4	8
81	Characterization of a late gene, ORF75 from <i>Bombyx mori</i> nucleopolyhedrovirus. <i>Molecular Biology Reports</i> , 2011 , 38, 2141-9	2.8	2
80	Ubiquitins of <i>Bombyx mori</i> nucleopolyhedrovirus and <i>Helicoverpa armigera</i> nucleopolyhedrovirus show distinct subcellular localization in infected cells. <i>Acta Virologica</i> , 2011 , 55, 101-6	2.2	1
79	Recombinant expression of <i>Drosophila melanogaster</i> β -fucosidase in <i>Trichoplusia ni</i> cells. <i>Journal of Insect Physiology</i> , 2011 , 57, 1205-11	2.4	1
78	Comparative analysis of budded virus infectivity of <i>Bombyx mandarina</i> and <i>B. mori</i> nucleopolyhedroviruses. <i>Virus Genes</i> , 2011 , 43, 313-7	2.3	7

77	Improvement of hydrogen production by over-expression of a hydrogen-promoting protein gene in <i>Enterobacter cloacae</i> . <i>International Journal of Hydrogen Energy</i> , 2011 , 36, 6609-6615	6.7	24
76	Global analysis of the transcriptional response of whitefly to tomato yellow leaf curl China virus reveals the relationship of coevolved adaptations. <i>Journal of Virology</i> , 2011 , 85, 3330-40	6.6	132
75	Comparative analysis of <i>Bombyx mori</i> nucleopolyhedrovirus responsive genes in fat body and haemocyte of <i>B. mori</i> resistant and susceptible strains. <i>Insect Molecular Biology</i> , 2010 , 19, 347-58	3.4	41
74	Silkworm coatomers and their role in tube expansion of posterior silk gland. <i>PLoS ONE</i> , 2010 , 5, e13252	3.7	13
73	Transcriptome analysis of the brown planthopper <i>Nilaparvata lugens</i> . <i>PLoS ONE</i> , 2010 , 5, e14233	3.7	197
72	Open reading frame 60 of the <i>Bombyx mori</i> nucleopolyhedrovirus plays a role in budded virus production. <i>Virus Research</i> , 2010 , 151, 185-91	6.4	9
71	Characterization of kinesin-like proteins in silkworm posterior silk gland cells. <i>Cell Research</i> , 2010 , 20, 713-27	24.7	7
70	The ionotropic γ -aminobutyric acid receptor gene family of the silkworm, <i>Bombyx mori</i> . <i>Genome</i> , 2010 , 53, 688-97	2.4	26
69	Using chimeric piggyBac transposase to achieve directed interplasmid transposition in silkworm <i>Bombyx mori</i> and fruit fly <i>Drosophila</i> cells. <i>Journal of Zhejiang University: Science B</i> , 2010 , 11, 728-34	4.5	6
68	Identification of a novel functional nuclear localization signal in the protein encoded by open reading frame 47 of <i>Bombyx mori</i> nucleopolyhedrovirus. <i>Archives of Virology</i> , 2010 , 155, 1943-50	2.6	10
67	Comparative analysis of the genomes of <i>Bombyx mandarina</i> and <i>Bombyx mori</i> nucleopolyhedroviruses. <i>Journal of Microbiology</i> , 2010 , 48, 102-10	3	19
66	Heterologous expression of a hydrogenase gene in <i>Enterobacter aerogenes</i> to enhance hydrogen gas production. <i>World Journal of Microbiology and Biotechnology</i> , 2010 , 26, 177-181	4.4	17
65	Expression of the housefly acetylcholinesterase in a bioreactor and its potential application in the detection of pesticide residues. <i>World Journal of Microbiology and Biotechnology</i> , 2010 , 26, 1795-1801	4.4	11
64	Triazophos up-regulated gene expression in the female brown planthopper, <i>Nilaparvata lugens</i> . <i>Journal of Insect Physiology</i> , 2010 , 56, 1087-94	2.4	41
63	Comparison of catalytic properties and inhibition kinetics of two acetylcholinesterases from a lepidopteran insect. <i>Pesticide Biochemistry and Physiology</i> , 2010 , 98, 175-182	4.9	20
62	De novo characterization of a whitefly transcriptome and analysis of its gene expression during development. <i>BMC Genomics</i> , 2010 , 11, 400	4.5	311
61	Molecular characterization and inhibition analysis of the acetylcholinesterase gene from the silkworm maggot, <i>Exorista sorbillans</i> . <i>BMB Reports</i> , 2010 , 43, 573-8	5.5	2
60	<i>Bombyx mori</i> nucleopolyhedrovirus ORF9 is a gene involved in the budded virus production and infectivity. <i>Journal of General Virology</i> , 2009 , 90, 162-9	4.9	15

59	Involvement of Bombyx mori nucleopolyhedrovirus ORF41 (Bm41) in BV production and ODV envelopment. <i>Virology</i> , 2009 , 387, 184-92	3.6	11
58	Manganese superoxide dismutase expressed in silkworm larvae, Bombyx mori L enhances the NK activity and splenocyte proliferation against Sarcoma 180 tumor cells in vivo. <i>Molecular Biology Reports</i> , 2009 , 36, 187-92	2.8	3
57	High-level expression of orange fluorescent protein in the silkworm larvae by the Bac-to-Bac system. <i>Molecular Biology Reports</i> , 2009 , 36, 329-35	2.8	14
56	Characterization of an early gene orf122 from Bombyx mori nucleopolyhedrovirus. <i>Molecular Biology Reports</i> , 2009 , 36, 543-8	2.8	6
55	Quantification of silkworm coactivator of MBF1 mRNA by SYBR Green I real-time RT-PCR reveals tissue- and stage-specific transcription levels. <i>Molecular Biology Reports</i> , 2009 , 36, 1217-23	2.8	13
54	Bombyx mori nucleopolyhedrovirus ORF51 encodes a budded virus envelope associated protein. <i>Virus Genes</i> , 2009 , 38, 171-7	2.3	6
53	Morphology and genome of Euproctis pseudoconspersa nucleopolyhedrovirus. <i>Virus Genes</i> , 2009 , 38, 495-506	2.3	15
52	A new continuous cell line from larval ovaries of silkworm, Bombyx mori. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2009 , 45, 414-9	2.6	23
51	Characterization of a Baculovirus newly isolated from the tea slug moth, Iragoidae fasciata. <i>Journal of Microbiology</i> , 2009 , 47, 208-13	3	4
50	Cloning, expression and functional analysis of a general odorant-binding protein 2 gene of the rice striped stem borer, Chilo suppressalis (Walker) (Lepidoptera: Pyralidae). <i>Insect Molecular Biology</i> , 2009 , 18, 405-17	3.4	68
49	BmNPV chitinase gene deletion enhances foreign gene expression in a BmN cell system. <i>Entomological Research</i> , 2009 , 39, 89-94	1.3	
48	Gene expression profiling of resistant and susceptible Bombyx mori strains reveals nucleopolyhedrovirus-associated variations in host gene transcript levels. <i>Genomics</i> , 2009 , 94, 138-45	4.3	79
47	Molecular characterization of a sodium channel gene from the Silkworm Bombyx mori. <i>Insect Biochemistry and Molecular Biology</i> , 2009 , 39, 145-51	4.5	17
46	Expression and immunogenic comparison of VP2 and VP3 from marine birnavirus. <i>Journal of Fish Diseases</i> , 2008 , 31, 297-304	2.6	2
45	Differentially expressed genes in resistant and susceptible Bombyx mori strains infected with a densovirus. <i>Insect Biochemistry and Molecular Biology</i> , 2008 , 38, 853-61	4.5	25
44	Characterization of Bombyx mori nucleopolyhedrovirus with a deletion of bm118. <i>Virus Research</i> , 2008 , 135, 220-9	6.4	8
43	Characterization of a Bombyx mori nucleopolyhedrovirus with Bmvp80 disruption. <i>Virus Research</i> , 2008 , 138, 81-8	6.4	14
42	Characterization of a nucleopolyhedrovirus with a deletion of the baculovirus core gene Bm67. <i>Journal of General Virology</i> , 2008 , 89, 766-774	4.9	19

41	Bombyx mori nucleopolyhedrovirus ORF56 encodes an occlusion-derived virus protein and is not essential for budded virus production. <i>Journal of General Virology</i> , 2008 , 89, 1212-1219	4.9	32
40	Improvement of recombinant baculovirus infection efficiency to express manganese superoxide dismutase in silkworm larvae through dual promoters of Pph and Pp10. <i>Applied Microbiology and Biotechnology</i> , 2008 , 78, 651-7	5.7	6
39	The utilization and industrialization of insect resources in China. <i>Entomological Research</i> , 2008 , 38, S38-S43	4.7	45
38	Expression of two types of acetylcholinesterase gene from the silkworm, Bombyx mori, in insect cells. <i>Insect Science</i> , 2007 , 14, 443-449	3.6	37
37	The nicotinic acetylcholine receptor gene family of the silkworm, Bombyx mori. <i>BMC Genomics</i> , 2007 , 8, 324	4.5	77
36	Genome sequence and organization of a nucleopolyhedrovirus that infects the tea looper caterpillar, Ectropis obliqua. <i>Virology</i> , 2007 , 360, 235-46	3.6	26
35	Nutrition value of the Chinese grasshopper Acrida cinerea (Thunberg) for broilers. <i>Animal Feed Science and Technology</i> , 2007 , 135, 66-74	3	35
34	Helicoverpa armigera nucleopolyhedrovirus ORF80 encodes a late, nonstructural protein. <i>BMB Reports</i> , 2007 , 40, 65-71	5.5	1
33	The translational and transcriptional initiation sites of BmNPV lef-7 gene. <i>Virus Genes</i> , 2006 , 33, 351-7	2.3	7
32	Polyhedrin gene sequence and phylogenetic analysis of a nucleopolyhedrovirus isolated from Orgyia ericae Germar. <i>DNA Sequence</i> , 2006 , 17, 215-22		2
31	HearSNPV orf83 encodes a late, nonstructural protein with an active chitin-binding domain. <i>Virus Research</i> , 2006 , 117, 237-43	6.4	14
30	Characterization of a unique gene ORF135 from Helicoverpa armigera single nucleocapsid nucleopolyhedrovirus. <i>Virus Genes</i> , 2006 , 32, 21-6	2.3	4
29	Bombyx mori nucleopolyhedrovirus ORF79 encodes a 28-kDa structural protein of the ODV envelope. <i>Archives of Virology</i> , 2006 , 151, 681-95	2.6	22
28	Biological Comparison of Two Genotypes of Helicoverpa armigera Single-Nucleocapsid Nucleopolyhedrovirus. <i>BioControl</i> , 2006 , 51, 809-820	2.3	7
27	Expression of the melittin gene of Apis cerana cerana (Hymenoptera: Apidae) in insect cells. <i>European Journal of Entomology</i> , 2006 , 103, 867-870		1
26	Characterization of ORF39 from Helicoverpa armigera single-nucleocapsid nucleopolyhedrovirus, the gene containing RNA recognition motif. <i>BMB Reports</i> , 2006 , 39, 263-9	5.5	7
25	Morphological, phylogenetic and biological characteristics of Ectropis obliqua single-nucleocapsid nucleopolyhedrovirus. <i>Journal of Microbiology</i> , 2006 , 44, 77-82	3	16
24	Bacterial expression and cellular localization of Helicoverpa armigera nucleopolyhedrovirus Orf33 in infected host cells. <i>Wei Sheng Wu Xue Bao = Acta Microbiologica Sinica</i> , 2006 , 46, 60-2		

23	Characterization of Autographa californica multiple nucleopolyhedrovirus ORF17. <i>Acta Virologica</i> , 2006 , 50, 17-23	2.2	3
22	Analysis of a late gene, orf101 from Helicoverpa armigera single nucleocapsid nucleopolyhedrovirus. <i>Insect Science</i> , 2005 , 12, 335-340	3.6	1
21	Comparison of the complete genome sequence between C1 and G4 isolates of the Helicoverpa armigera single nucleocapsid nucleopolyhedrovirus. <i>Virology</i> , 2005 , 333, 190-9	3.6	74
20	Expression and regulation of phospholipase A2 in venom gland of the chinese honeybee, Apis cerana cerana. <i>Archives of Insect Biochemistry and Physiology</i> , 2005 , 60, 1-12	2.3	8
19	Influences of chitinase gene deletion from BmNPV on the cell lysis and host liquefaction. <i>Archives of Virology</i> , 2005 , 150, 981-90	2.6	20
18	Characterization of Helicoverpa armigera nucleopolyhedrovirus orf33 that encodes a novel budded virion derived protein, BV-e31. <i>Archives of Virology</i> , 2005 , 150, 1505-15	2.6	17
17	Characterization of a late expression gene, Open reading frame 128 of Helicoverpa armigera single nucleocapsid nucleopolyhedrovirus. <i>Archives of Virology</i> , 2005 , 150, 2453-66	2.6	8
16	An anti-apoptosis gene of the Bcl-2 family from Marine Birnavirus inhibiting apoptosis of insect cells infected with baculovirus. <i>Virus Genes</i> , 2005 , 31, 185-93	2.3	10
15	Expression of melittin gene in the venom gland of the Chinese honeybee, Apis cerana cerana. <i>Apidologie</i> , 2005 , 36, 533-541	2.3	2
14	Characterization of Ha29, a specific gene for Helicoverpa armigera single-nucleocapsid nucleopolyhedrovirus. <i>BMB Reports</i> , 2005 , 38, 354-9	5.5	5
13	Aquabirnaviruses isolated from marine organisms form a distinct genogroup from other aquabirnaviruses. <i>Journal of Fish Diseases</i> , 2004 , 27, 633-43	2.6	38
12	EXPRESSION OF A BEE-VENOM PHOSPHOLIPASE A2 FROM APIS CERANA CERANA IN ESCHERICHIA COLI. <i>Insect Science</i> , 2004 , 11, 11-17	3.6	
11	NUTRITIONAL VALUE OF THE FIELD CRICKET (GRYLLUS TESTACEUS WALKER). <i>Insect Science</i> , 2004 , 11, 275-283	3.6	27
10	Expression of the melittin gene of Apis cerana cerana in Escherichia coli. <i>Protein Expression and Purification</i> , 2004 , 37, 213-9	2	9
9	Comparison of the RNA polymerase genes of marine birnavirus strains and other birnaviruses. <i>Archives of Virology</i> , 2003 , 148, 745-58	2.6	30
8	SEQUENCE ANALYSIS OF A NOVEL INSECT PHOSPHOGLYCERATE MUTASE GENE FROM THE CHINESE HONEYBEE, APIS CERANA*. <i>Insect Science</i> , 2003 , 10, 237-244	3.6	
7	Cloning and characterization analysis of the genes encoding precursor of mast cell degranulating peptide from 2 honeybee and 3 wasp species. <i>Journal of Genetics and Genomics</i> , 2003 , 30, 861-6		1
6	Genome Structure and the p10 Gene of the Helicoverpa armigera Nucleopolyhedrovirus. <i>Sheng Wu Hua Xue Yu Sheng Wu Wu Li Xue Bao Acta Biochimica Et Biophysica Sinica</i> , 2001 , 33, 179-184		2

- 5 Cloning and Expression of the cDNA Encoding Human Tissue Inhibitor of Metalloproteinase-3 and Its Inhibition on Angiogenesis. *Sheng Wu Hua Xue Yu Sheng Wu Wu Li Xue Bao Acta Biochimica Et Biophysica Sinica*, **1998**, 30, 220-224 2
- 4 Studies on the Nucleotide Sequence, Transcription and Deletion Analysis of the BmNPV Protein Kinase Gene. *Sheng Wu Hua Xue Yu Sheng Wu Wu Li Xue Bao Acta Biochimica Et Biophysica Sinica*, **1998**, 30, 184-190
- 3 Nucleotide Sequence Analysis of HaSNPV Protein Kinase. *Sheng Wu Hua Xue Yu Sheng Wu Wu Li Xue Bao Acta Biochimica Et Biophysica Sinica*, **1997**, 29, 322-326 1
- 2 Identification of a female determinant gene for the sexual determination of a hemipteran insect, the brown planthopper 2
- 1 Whole genome sequencing of 358 brown planthoppers uncovers the landscape of their migration and dispersal worldwide 3