

Xiaofeng Wu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	High-Level Expression of Human Acidic Fibroblast Growth Factor and Basic Fibroblast Growth Factor in Silkworm (<i>Bombyx mori</i> L.) Using Recombinant Baculovirus. <i>Protein Expression and Purification</i> , 2001, 21, 192-200.	1.3	54
2	Increased resistance to white spot syndrome virus in <i>Procambarus clarkii</i> by injection of envelope protein VP28 expressed using recombinant baculovirus. <i>Aquaculture</i> , 2006, 260, 39-43.	3.5	41
3	<i>Autographa californica</i> multiple nucleopolyhedrovirus odv-e66 is an essential gene required for oral infectivity. <i>Virus Research</i> , 2011, 158, 72-78.	2.2	36
4	Proteomic analysis of peritrophic membrane (PM) from the midgut of fifth-instar larvae, <i>Bombyx mori</i> . <i>Molecular Biology Reports</i> , 2012, 39, 3427-3434.	2.3	35
5	Transcriptome analysis of the brain of the silkworm <i>Bombyx mori</i> infected with <i>Bombyx mori</i> nucleopolyhedrovirus: A new insight into the molecular mechanism of enhanced locomotor activity induced by viral infection. <i>Journal of Invertebrate Pathology</i> , 2015, 128, 37-43.	3.2	30
6	<i>Autographa californica</i> Nucleopolyhedrovirus orf69 Encodes an RNA Cap (Nucleoside-2' O) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54	3.4	29
7	The <i>Bombyx mori</i> nucleopolyhedrovirus (BmNPV) ODV-E56 envelope protein is also a per os infectivity factor. <i>Virus Research</i> , 2011, 155, 69-75.	2.2	28
8	Development of an enzyme-linked-immunosorbent-assay technique for accurate identification of poorly preserved silks unearthed in ancient tombs. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 3861-3867.	3.7	24
9	Expression of porcine lactoferrin by using recombinant baculovirus in silkworm, <i>Bombyx mori</i> L., and its purification and characterization. <i>Applied Microbiology and Biotechnology</i> , 2005, 69, 385-389.	3.6	23
10	<i>Autographa californica</i> multiple nucleopolyhedrovirus odv-e25 (Ac94) is required for budded virus infectivity and occlusion-derived virus formation. <i>Archives of Virology</i> , 2012, 157, 617-625.	2.1	23
11	Gene analysis of an antiviral protein SP-2 from Chinese wild silkworm, <i>Bombyx mandarina</i> Moore and its bioactivity assay. <i>Science in China Series C: Life Sciences</i> , 2008, 51, 879-884.	1.3	20
12	Identification of a novel host protein SINAL10 interacting with GP64 and its role in <i>Bombyx mori</i> nucleopolyhedrovirus infection. <i>Virus Research</i> , 2018, 247, 102-110.	2.2	20
13	Expression of human VEGF165 in silkworm (<i>Bombyx mori</i> L.) by using a recombinant baculovirus and its bioactivity assay. <i>Journal of Biotechnology</i> , 2004, 111, 253-261.	3.8	16
14	<i>Bombyx mori</i> nucleopolyhedrovirus Bmp95 plays an essential role in budded virus production and nucleocapsid assembly. <i>Journal of General Virology</i> , 2013, 94, 1669-1679.	2.9	16
15	<i>Bombyx mori</i> nucleopolyhedrovirus utilizes a clathrin and dynamin dependent endocytosis entry pathway into BmN cells. <i>Virus Research</i> , 2018, 253, 12-19.	2.2	13
16	Construction of a host range-expanded hybrid baculovirus of BmNPV and AcNPV, and knockout of cysteinase gene for more efficient expression. <i>Science in China Series C: Life Sciences</i> , 2004, 47, 406.	1.3	13
17	Construction of a BmNPV polyhedrin-plus Bac-to-Bac baculovirus expression system for application in silkworm, <i>Bombyx mori</i> . <i>Applied Microbiology and Biotechnology</i> , 2010, 87, 289-295.	3.6	12
18	Dynamic chromatin accessibility profiling reveals changes in host genome organization in response to baculovirus infection. <i>PLoS Pathogens</i> , 2020, 16, e1008633.	4.7	12

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19	Bombyx mori nucleopolyhedrovirus F-like protein Bm14 affects the morphogenesis and production of occlusion bodies and the embedding of ODVs. <i>Virology</i> , 2019, 526, 61-71.	2.4	11
20	Molecular Cloning and Functional Characterization of the Dual Oxidase (BmDuox) Gene from the Silkworm <i>Bombyx mori</i> . <i>PLoS ONE</i> , 2013, 8, e70118.	2.5	10
21	Bm59 is an early gene, but is unessential for the propagation and assembly of <i>Bombyx mori</i> nucleopolyhedrovirus. <i>Molecular Genetics and Genomics</i> , 2016, 291, 145-154.	2.1	10
22	An innovative technique for inoculating recombinant baculovirus into the silkworm <i>Bombyx mori</i> using lipofectin. <i>Research in Microbiology</i> , 2004, 155, 462-466.	2.1	9
23	Enhanced Effect of Fluorescent Whitening Agent on Peroral Infection for Recombinant Baculovirus in the Host <i>Bombyx mori</i> L. <i>Current Microbiology</i> , 2007, 54, 5-8.	2.2	9
24	<i>Bombyx mori</i> nucleopolyhedrovirus F-like protein Bm14 is a cofactor for GP64-Mediated efficient infection via forming a complex on the envelope of budded virus. <i>Virology</i> , 2020, 539, 61-68.	2.4	9
25	Identification of A functional region in <i>Bombyx mori</i> nucleopolyhedrovirus VP39 that is essential for nuclear actin polymerization. <i>Virology</i> , 2020, 550, 37-50.	2.4	9
26	RNAi-based immunity in insects against baculoviruses and the strategies of baculoviruses involved in siRNA and miRNA pathways to weaken the defense. <i>Developmental and Comparative Immunology</i> , 2021, 122, 104116.	2.3	9
27	Expression of <i>Trichoderma reesei</i> endo- β -glucanase II in silkworm, <i>Bombyx mori</i> L. by using BmNPV/Bac-to-Bac expression system and its bioactivity assay. <i>Biotechnology Letters</i> , 2010, 32, 67-72.	2.2	8
28	Protein-protein interactions of the baculovirus per os infectivity factors (PIFs) in the PIF complex. <i>Journal of General Virology</i> , 2017, 98, 853-861.	2.9	8
29	Centrifuge Modeling for Seismic Response of Fixed-End Model Piles Considering Local Scour. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , 2020, 146, .	1.2	7
30	Immobilization of foreign protein in BmNPV polyhedra by fusion expression with partial polyhedrin fragments. <i>Journal of Virological Methods</i> , 2013, 194, 185-189.	2.1	6
31	The formation of occlusion-derived virus is affected by the expression level of ODV-E25. <i>Virus Research</i> , 2013, 173, 404-414.	2.2	5
32	<i>Bombyx mori</i> nucleopolyhedrovirus (BmNPV) Bm64 is required for BV production and per os infection. <i>Virology Journal</i> , 2015, 12, 173.	3.4	5
33	<i>Bombyx mori</i> nucleopolyhedrovirus protein Bm11 is involved in occlusion body production and occlusion-derived virus embedding. <i>Virology</i> , 2019, 527, 12-20.	2.4	5
34	Centrifuge modelling for seismic response of single pile for wind turbine subjected to lateral load. <i>Marine Georesources and Geotechnology</i> , 2020, , 1-19.	2.1	5
35	<i>Bombyx mori</i> nucleopolyhedrovirus orf133 and orf134 are involved in the embedding of occlusion-derived viruses into polyhedra. <i>Journal of General Virology</i> , 2018, 99, 717-729.	2.9	5
36	<i>Bombyx mori</i> nucleopolyhedrovirus F-like protein Bm14 is a type I integral membrane protein that facilitates ODV attachment to the midgut epithelial cells. <i>Journal of General Virology</i> , 2020, 101, 309-321.	2.9	5

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37	Molecular characterization of a peritrophic membrane protein from the silkworm, <i>Bombyx mori</i> . <i>Molecular Biology Reports</i> , 2013, 40, 1087-1095.	2.3	4
38	<i>Bombyx mori</i> nucleopolyhedrovirus F-like protein Bm14 is a factor for viral-induced cytopathic effects via regulating oxidative phosphorylation and cellular ROS levels. <i>Virology</i> , 2021, 552, 83-93.	2.4	4
39	Comparative transcriptome analysis reveals regional specialization of gene expression in larval silkworm (<i>Bombyx mori</i>) midgut. <i>Insect Science</i> , 2022, 29, 1329-1345.	3.0	4
40	Networks of protein-protein interactions among structural proteins of budded virus of <i>Bombyx mori</i> nucleopolyhedrovirus. <i>Virology</i> , 2018, 518, 163-171.	2.4	3
41	BmNPV-induced hormone metabolic disorder in silkworm leads to enhanced locomotory behavior. <i>Developmental and Comparative Immunology</i> , 2021, 121, 104036.	2.3	3
42	Identification of <i>Bombyx mori</i> nucleopolyhedrovirus bm58a as an auxiliary gene and its requirement for cell lysis and larval liquefaction. <i>Journal of General Virology</i> , 2016, 97, 3039-3050.	2.9	3
43	BmNPV p35 Reduces the Accumulation of Virus-Derived siRNAs and Hinders the Function of siRNAs to Facilitate Viral Infection. <i>Frontiers in Immunology</i> , 2022, 13, 845268.	4.8	3
44	Molecular mechanism responsible for the hyperexpression of baculovirus polyhedrin. <i>Gene</i> , 2022, 814, 146129.	2.2	1
45	Actin Contributes to the Hyperexpression of Baculovirus Polyhedrin (polh) and p10 as a Component of Transcription Initiation Complex (TIC). <i>Viruses</i> , 2022, 14, 153.	3.3	1
46	<i>Bombyx mori</i> nucleopolyhedrovirus Bm46 is essential for efficient production of infectious BV and nucleocapsid morphogenesis. <i>Virus Research</i> , 2020, 289, 198145.	2.2	0