

Manli Wang

List of Publications by Year in descending order

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89
papers

9,168
citations

318942

23
h-index

54771

88
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90
all docs

90
docs citations

90
times ranked

17688
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomics and proteomics of <i>Apis mellifera</i> filamentous virus isolated from honeybees in China. <i>Virologica Sinica</i> , 2022, 37, 483-490.	1.2	8
2	Covalently Engineered Protein Minibinders with Enhanced Neutralization Efficacy against Escaping SARS-CoV-2 Variants. <i>Journal of the American Chemical Society</i> , 2022, 144, 5702-5707.	6.6	24
3	In vitro and in vivo efficacy of a novel nucleoside analog H44 against Crimean-Congo hemorrhagic fever virus. <i>Antiviral Research</i> , 2022, 199, 105273.	1.9	9
4	Construction of Baculovirus-Inducible CRISPR/Cas9 Antiviral System Targeting BmNPV in <i>Bombyx mori</i> . <i>Viruses</i> , 2022, 14, 59.	1.5	2
5	Multiloci Manipulation of Baculovirus Genome Reveals the Pivotal Role of Homologous Regions in Viral DNA Replication, Progeny Production, and Enhancing Transcription. <i>ACS Synthetic Biology</i> , 2022, 11, 144-153.	1.9	7
6	Establishment of Human Pluripotent Stem Cell-Derived Skin Organoids Enabled Pathophysiological Model of SARS-CoV-2 Infection. <i>Advanced Science</i> , 2022, 9, e2104192.	5.6	18
7	Potent Anti-SARS-CoV-2 Efficacy of COVID-19 Hyperimmune Globulin from Vaccine-Immunized Plasma. <i>Advanced Science</i> , 2022, 9, e2104333.	5.6	8
8	The <i>Micrococcus luteus</i> infection activates a novel melanization pathway of cSP10, cSP4, and cSP8 in <i>Helicoverpa armigera</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2022, 147, 103775.	1.2	7
9	CRISPR/Cas9-Mediated Disruption of the <i>lef8</i> and <i>lef9</i> to Inhibit Nucleopolyhedrovirus Replication in Silkworms. <i>Viruses</i> , 2022, 14, 1119.	1.5	3
10	Structural Characterization of <i>Per Os</i> Infectivity Factor 5 (PIF5) Reveals the Essential Role of Intramolecular Interactions in Baculoviral Oral Infectivity. <i>Journal of Virology</i> , 2022, 96, .	1.5	3
11	Microbiota modulates gut immunity and promotes baculovirus infection in <i>Helicoverpa armigera</i> . <i>Insect Science</i> , 2021, 28, 1766-1779.	1.5	19
12	Systematic analysis of nuclear localization of <i>Autographa californica</i> multiple nucleopolyhedrovirus proteins. <i>Journal of General Virology</i> , 2021, 102, .	1.3	4
13	Systematic Analysis of 42 <i>Autographa Californica</i> Multiple Nucleopolyhedrovirus Genes Identifies An Additional Six Genes Involved in the Production of Infectious Budded Virus. <i>Virologica Sinica</i> , 2021, 36, 762-773.	1.2	7
14	SARS-CoV-2 cell tropism and multiorgan infection. <i>Cell Discovery</i> , 2021, 7, 17.	3.1	148
15	Establishment of a Reverse Genetic System of Severe Fever with Thrombocytopenia Syndrome Virus Based on a C4 Strain. <i>Virologica Sinica</i> , 2021, 36, 958-967.	1.2	8
16	Rapid isolation and immune profiling of SARS-CoV-2 specific memory B cell in convalescent COVID-19 patients via LIBRA-seq. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 195.	7.1	45
17	Structural basis for SARS-CoV-2 neutralizing antibodies with novel binding epitopes. <i>PLoS Biology</i> , 2021, 19, e3001209.	2.6	31
18	Screening of potent neutralizing antibodies against SARS-CoV-2 using convalescent patients-derived phage-display libraries. <i>Cell Discovery</i> , 2021, 7, 57.	3.1	28

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19	Construction and Characterization of a Novel Bacmid AcBac-Syn Based on a Synthesized Baculovirus Genome. <i>Virologica Sinica</i> , 2021, 36, 1566-1574.	1.2	6
20	Pathological features of COVID-19-associated liver injury—a preliminary proteomics report based on clinical samples. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 9.	7.1	17
21	Transgenic genome editing-derived antiviral therapy to nucleopolyhedrovirus infection in the industrial strain of the silkworm. <i>Insect Biochemistry and Molecular Biology</i> , 2021, 139, 103672.	1.2	3
22	Genomic and transcriptional analyses of novel parvoviruses identified from dead peafowl. <i>Virology</i> , 2020, 539, 80-91.	1.1	25
23	Infection of human sweat glands by SARS-CoV-2. <i>Cell Discovery</i> , 2020, 6, 84.	3.1	35
24	Anti-SARS-CoV-2 Potential of Artemisinins In Vitro. <i>ACS Infectious Diseases</i> , 2020, 6, 2524-2531.	1.8	117
25	Transcriptome analysis of the innate immune system of <i>Hyalomma asiaticum</i> . <i>Journal of Invertebrate Pathology</i> , 2020, 177, 107481.	1.5	10
26	Comparative Antiviral Efficacy of Viral Protease Inhibitors against the Novel SARS-CoV-2 In Vitro. <i>Virologica Sinica</i> , 2020, 35, 776-784.	1.2	24
27	The anti-influenza virus drug, arbidol is an efficient inhibitor of SARS-CoV-2 in vitro. <i>Cell Discovery</i> , 2020, 6, 28.	3.1	249
28	Hydroxychloroquine, a less toxic derivative of chloroquine, is effective in inhibiting SARS-CoV-2 infection in vitro. <i>Cell Discovery</i> , 2020, 6, 16.	3.1	1,643
29	Remdesivir and chloroquine effectively inhibit the recently emerged novel coronavirus (2019-nCoV) in vitro. <i>Cell Research</i> , 2020, 30, 269-271.	5.7	5,527
30	Host AAA+ ATPase TER94 Plays Critical Roles in Building the Baculovirus Viral Replication Factory and Virion Morphogenesis. <i>Journal of Virology</i> , 2020, 94, .	1.5	4
31	Identification of a Conserved Prophenoloxidase Activation Pathway in Cotton Bollworm <i>Helicoverpa armigera</i> . <i>Frontiers in Immunology</i> , 2020, 11, 785.	2.2	30
32	Advances in Molecular Biology of Baculoviruses. <i>Current Issues in Molecular Biology</i> , 2020, 34, 183-214.	1.0	15
33	Per Os Infectivity Factor 5 Identified as a Substrate of P33 in the Baculoviral Disulfide Bond Formation Pathway. <i>Journal of Virology</i> , 2020, 94, .	1.5	5
34	Functional Characterization of the Group I Alphabaculovirus Specific Gene ac73. <i>Virologica Sinica</i> , 2019, 34, 701-711.	1.2	5
35	The cysteine-rich region of a baculovirus VP91 protein contributes to the morphogenesis of occlusion bodies. <i>Virology</i> , 2019, 535, 144-153.	1.1	5
36	Host factor heat-shock protein 90 contributes to baculovirus budded virus morphogenesis via facilitating nuclear actin polymerization. <i>Virology</i> , 2019, 535, 200-209.	1.1	7

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37	Genome Analysis of a Novel Clade II.b Alphabaculovirus Obtained from <i>Artaxa digramma</i> . <i>Viruses</i> , 2019, 11, 925.	1.5	3
38	Identification of Loci Associated with Enhanced Virulence in <i>Spodoptera litura</i> Nucleopolyhedrovirus Isolates Using Deep Sequencing. <i>Viruses</i> , 2019, 11, 872.	1.5	9
39	Baculovirus ODV-E66 degrades larval peritrophic membrane to facilitate baculovirus oral infection. <i>Virology</i> , 2019, 537, 157-164.	1.1	13
40	Improving Baculovirus Transduction of Mammalian Cells by Incorporation of Thogotovirus Glycoproteins. <i>Virologica Sinica</i> , 2019, 34, 454-466.	1.2	8
41	Mitoâ€docking: A Novel In Vivo Method to Detect Proteinâ€Protein Interactions. <i>Small Methods</i> , 2019, 3, 1900010.	4.6	2
42	The Major Hurdle for Effective Baculovirus Transduction into Mammalian Cells Is Passing Early Endosomes. <i>Journal of Virology</i> , 2019, 93, .	1.5	12
43	Quantitative Proteomic Analysis Reveals Unfolded-Protein Response Involved in Severe Fever with Thrombocytopenia Syndrome Virus Infection. <i>Journal of Virology</i> , 2019, 93, .	1.5	24
44	Singleâ€Particle Tracking Reveals the Sequential Entry Process of the Bunyavirus Severe Fever with Thrombocytopenia Syndrome Virus. <i>Small</i> , 2019, 15, e1803788.	5.2	31
45	Bunyaviruses: Singleâ€Particle Tracking Reveals the Sequential Entry Process of the Bunyavirus Severe Fever with Thrombocytopenia Syndrome Virus (<i>Small</i> 6/2019). <i>Small</i> , 2019, 15, 1970032.	5.2	1
46	Cross-talking between baculoviruses and host insects towards a successful infection. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180324.	1.8	33
47	Baculovirus <i>Per Os</i> Infectivity Factor Complex: Components and Assembly. <i>Journal of Virology</i> , 2019, 93, .	1.5	29
48	The Functional Oligomeric State of Tegument Protein GP41 Is Essential for Baculovirus Budded Virion and Occlusion-Derived Virion Assembly. <i>Journal of Virology</i> , 2018, 92, .	1.5	18
49	HearNPV Pseudotyped with PIF1, 2, and 3 from <i>MabrNPV</i> : Infectivity and Complex Stability. <i>Virologica Sinica</i> , 2018, 33, 187-196.	1.2	4
50	Genome Characteristics of the <i>Cyclophragma Undans</i> Nucleopolyhedrovirus: A Distinct Species in Group I of Alphabaculovirus. <i>Virologica Sinica</i> , 2018, 33, 359-368.	1.2	3
51	The group I alphabaculovirus-specific protein, AC5, is a novel component of the occlusion body but is not associated with ODVs or the PIF complex. <i>Journal of General Virology</i> , 2018, 99, 585-595.	1.3	11
52	Genome analysis of a novel Group I alphabaculovirus obtained from <i>Oxyplax ochracea</i> . <i>PLoS ONE</i> , 2018, 13, e0192279.	1.1	6
53	Genome analysis of <i>Heliothis virescens</i> ascovirus 3h isolated from China. <i>Virologica Sinica</i> , 2017, 32, 147-154.	1.2	19
54	Dynamics of the Interaction between Cotton Bollworm <i>Helicoverpa armigera</i> and Nucleopolyhedrovirus as Revealed by Integrated Transcriptomic and Proteomic Analyses. <i>Molecular and Cellular Proteomics</i> , 2017, 16, 1009-1028.	2.5	40

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55	Construction and Rescue of a Functional Synthetic Baculovirus. <i>ACS Synthetic Biology</i> , 2017, 6, 1393-1402.	1.9	40
56	A novel glycoprotein D-specific monoclonal antibody neutralizes herpes simplex virus. <i>Antiviral Research</i> , 2017, 147, 131-141.	1.9	18
57	Ebola virus mucin-like glycoprotein (Emuc) induces remarkable acute inflammation and tissue injury: evidence for Emuc pathogenicity in vivo. <i>Protein and Cell</i> , 2017, 9, 389-393.	4.8	5
58	Three Conserved Regions in Baculovirus Sulphydryl Oxidase P33 Are Critical for Enzymatic Activity and Function. <i>Journal of Virology</i> , 2017, 91, .	1.5	12
59	Per os infectivity factors: a complicated and evolutionarily conserved entry machinery of baculovirus. <i>Science China Life Sciences</i> , 2017, 60, 806-815.	2.3	21
60	Inhibition of melanization by serpin-5 and serpin-9 promotes baculovirus infection in cotton bollworm <i>Helicoverpa armigera</i> . <i>PLoS Pathogens</i> , 2017, 13, e1006645.	2.1	86
61	Deltabaculoviruses encode a functional type I budded virus envelope fusion protein. <i>Journal of General Virology</i> , 2017, 98, 847-852.	1.3	2
62	Genome Sequencing and Analysis of <i>Catopsilia pomona</i> nucleopolyhedrovirus: A Distinct Species in Group I Alphabaculovirus. <i>PLoS ONE</i> , 2016, 11, e0155134.	1.1	11
63	Characterization of two monoclonal antibodies, 38F10 and 44D11, against the major envelope fusion protein of <i>Helicoverpa armigera</i> nucleopolyhedrovirus. <i>Virologica Sinica</i> , 2016, 31, 490-499.	1.2	14
64	P33 of <i>Helicoverpa armigera</i> single nucleocapsid nucleopolyhedrovirus is a functional homolog of AcP33. <i>Virologica Sinica</i> , 2016, 31, 346-349.	1.2	5
65	Virus like particle-based vaccines against emerging infectious disease viruses. <i>Virologica Sinica</i> , 2016, 31, 279-287.	1.2	31
66	Characterization of the viral fibroblast growth factor homolog of <i>Helicoverpa armigera</i> single nucleopolyhedrovirus. <i>Virologica Sinica</i> , 2016, 31, 240-248.	1.2	8
67	Mutational and functional analysis of N-linked glycosylation of envelope fusion protein F of <i>Helicoverpa armigera</i> nucleopolyhedrovirus. <i>Journal of General Virology</i> , 2016, 97, 988-999.	1.3	9
68	The Host Specificities of Baculovirus per os Infectivity Factors. <i>PLoS ONE</i> , 2016, 11, e0159862.	1.1	19
69	An in vitro recombination-based reverse genetic system for rapid mutagenesis of structural genes of the Japanese encephalitis virus. <i>Virologica Sinica</i> , 2015, 30, 354-362.	1.2	4
70	The FP25K Acts as a Negative Factor for the Infectivity of AcMNPV Budded Virus. <i>PLoS ONE</i> , 2015, 10, e0128471.	1.1	6
71	Glycoprotein E of the Japanese encephalitis virus forms virus-like particles and induces syncytia when expressed by a baculovirus. <i>Journal of General Virology</i> , 2015, 96, 1006-1014.	1.3	10
72	Disruption of Type I Interferon Signaling by the Nonstructural Protein of Severe Fever with Thrombocytopenia Syndrome Virus via the Hijacking of STAT2 and STAT1 into Inclusion Bodies. <i>Journal of Virology</i> , 2015, 89, 4227-4236.	1.5	106

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73	Resistant mutations and quasispecies complexity of hepatitis B virus during telbivudine treatment. <i>Journal of General Virology</i> , 2015, 96, 3302-3312.	1.3	11
74	The Complete Genome of a New Betabaculovirus from <i>Clostera anastomosis</i> . <i>PLoS ONE</i> , 2015, 10, e0132792.	1.1	15
75	Unraveling the Entry Mechanism of Baculoviruses and Its Evolutionary Implications. <i>Journal of Virology</i> , 2014, 88, 2301-2311.	1.5	27
76	Identification and functional analysis of inter-subunit disulfide bonds of the F protein of <i>Helicoverpa armigera</i> nucleopolyhedrovirus. <i>Journal of General Virology</i> , 2014, 95, 2820-2830.	1.3	2
77	Viral suppression of innate immunity via spatial isolation of TBK1/IKK μ from mitochondrial antiviral platform. <i>Journal of Molecular Cell Biology</i> , 2014, 6, 324-337.	1.5	92
78	Genomic Sequencing and Analysis of <i>Suca jujuba</i> Nucleopolyhedrovirus. <i>PLoS ONE</i> , 2014, 9, e110023.	1.1	10
79	Bats as animal reservoirs for the SARS coronavirus: Hypothesis proved after 10 years of virus hunting. <i>Virologica Sinica</i> , 2013, 28, 315-317.	1.2	16
80	Functional studies of per os infectivity factor 3 of <i>Helicoverpa armigera</i> nucleopolyhedrovirus. <i>Journal of General Virology</i> , 2012, 93, 374-382.	1.3	5
81	Incorporation of GP64 into <i>Helicoverpa armigera</i> nucleopolyhedrovirus enhances virus infectivity in vivo and in vitro. <i>Journal of General Virology</i> , 2012, 93, 2705-2711.	1.3	7
82	ORF85 of <i>HearNPV</i> encodes the per os infectivity factor 4 (PIF4) and is essential for the formation of the PIF complex. <i>Virology</i> , 2012, 427, 217-223.	1.1	16
83	Production of CCHF virus-like particle by a baculovirus-insect cell expression system. <i>Virologica Sinica</i> , 2011, 26, 338-46.	1.2	17
84	Specificity of Baculovirus P6.9 Basic DNA-Binding Proteins and Critical Role of the C Terminus in Virion Formation. <i>Journal of Virology</i> , 2010, 84, 8821-8828.	1.5	49
85	<i>Autographa californica</i> Multicapsid Nucleopolyhedrovirus Efficiently Infects Sf9 Cells and Transduces Mammalian Cells via Direct Fusion with the Plasma Membrane at Low pH. <i>Journal of Virology</i> , 2010, 84, 5351-5359.	1.5	48
86	Partial Functional Rescue of <i>Helicoverpa armigera</i> Single Nucleocapsid Nucleopolyhedrovirus Infectivity by Replacement of F Protein with GP64 from <i>Autographa californica</i> Multicapsid Nucleopolyhedrovirus. <i>Journal of Virology</i> , 2010, 84, 11505-11514.	1.5	30
87	Mutagenesis and Nuclear Magnetic Resonance Analyses of the Fusion Peptide of <i>Helicoverpa armigera</i> Single Nucleocapsid Nucleopolyhedrovirus F Protein. <i>Journal of Virology</i> , 2008, 82, 8138-8148.	1.5	5
88	The F-Like Protein Ac23 Enhances the Infectivity of the Budded Virus of gp64-Null <i>Autographa californica</i> Multinucleocapsid Nucleopolyhedrovirus Pseudotyped with Baculovirus Envelope Fusion Protein F. <i>Journal of Virology</i> , 2008, 82, 9800-9804.	1.5	38
89	Remdesivir and chloroquine effectively inhibit the recently emerged novel coronavirus (2019-nCoV) in vitro. , 0, .		1