

# Min-Hui Pan

## List of Publications by Year in descending order

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67  
papers

2,405  
citations

430754

18  
h-index

214721

47  
g-index

71  
all docs

71  
docs citations

71  
times ranked

2257  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Draft Sequence for the Genome of the Domesticated Silkworm ( <i>Bombyx mori</i> ). <i>Science</i> , 2004, 306, 1937-1940.	6.0	994
2	Complete Resequencing of 40 Genomes Reveals Domestication Events and Genes in Silkworm ( <i>Bombyx mori</i> ). <i>Genome Research</i> , 2010, 20, 107-115.	6.0	342
3	Establishment and characterization of an ovarian cell line of the silkworm, <i>Bombyx mori</i> . <i>Tissue and Cell</i> , 2010, 42, 42-46.	1.0	83
4	The genomic underpinnings of apoptosis in the silkworm, <i>Bombyx mori</i> . <i>BMC Genomics</i> , 2010, 11, 611.	1.2	72
5	Establishment of a highly efficient virus-inducible CRISPR/Cas9 system in insect cells. <i>Antiviral Research</i> , 2016, 130, 50-57.	1.9	55
6	Inhibition of BmNPV replication in silkworm cells using inducible and regulated artificial microRNA precursors targeting the essential viral gene <i>lef-11</i> . <i>Antiviral Research</i> , 2014, 104, 143-152.	1.9	48
7	Establishment and characterization of two embryonic cell lines of <i>Bombyx mori</i> . <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2007, 43, 101-104.	0.7	43
8	Oxyresveratrol prevents lipopolysaccharide/d-galactosamine-induced acute liver injury in mice. <i>International Immunopharmacology</i> , 2018, 56, 105-112.	1.7	37
9	<i>Bombyx mori</i> nucleopolyhedrovirus ORF79 is a per os infectivity factor associated with the PIF complex. <i>Virus Research</i> , 2014, 184, 62-70.	1.1	36
10	C-lysozyme contributes to antiviral immunity in <i>Bombyx mori</i> against nucleopolyhedrovirus infection. <i>Journal of Insect Physiology</i> , 2018, 108, 54-60.	0.9	32
11	A newly discovered member of the Atlastin family, BmAtlastin-n, has an antiviral effect against BmNPV in <i>Bombyx mori</i> . <i>Scientific Reports</i> , 2016, 6, 28946.	1.6	30
12	Excision of Nucleopolyhedrovirus Form Transgenic Silkworm Using the CRISPR/Cas9 System. <i>Frontiers in Microbiology</i> , 2018, 9, 209.	1.5	27
13	BmREEPa Is a Novel Gene that Facilitates BmNPV Entry into Silkworm Cells. <i>PLoS ONE</i> , 2015, 10, e0144575.	1.1	26
14	Mitochondrial Apoptotic Pathway Is Activated by H <sub>2</sub> O <sub>2</sub> -Mediated Oxidative Stress in BmN-SWU1 Cells from <i>Bombyx mori</i> Ovary. <i>PLoS ONE</i> , 2015, 10, e0134694.	1.1	24
15	<i>Bombyx mori</i> Nuclear Polyhedrosis Virus (BmNPV) Induces Host Cell Autophagy to Benefit Infection. <i>Viruses</i> , 2018, 10, 14.	1.5	24
16	CRISPR/Cas12a Mediated Genome Editing Enhances <i>Bombyx mori</i> Resistance to BmNPV. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 841.	2.0	24
17	Oligomerization of Baculovirus LEF-11 Is Involved in Viral DNA Replication. <i>PLoS ONE</i> , 2015, 10, e0144930.	1.1	22
18	Establishment of a baculovirus-inducible CRISPR/Cas9 system for antiviral research in transgenic silkworms. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 9255-9265.	1.7	20

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19	Baculovirus LEF-11 Hijack Host ATPase ATAD3A to Promote Virus Multiplication in <i>Bombyx mori</i> cells. <i>Scientific Reports</i> , 2017, 7, 46187.	1.6	18
20	BmNHR96 participate BV entry of BmN-SWU1 cells via affecting the cellular cholesterol level. <i>Biochemical and Biophysical Research Communications</i> , 2017, 482, 1484-1490.	1.0	18
21	Oxyresveratrol, a Stilbene Compound from <i>Morus alba</i> L. Twig Extract Active Against <i>Trichophyton rubrum</i> . <i>Phytotherapy Research</i> , 2017, 31, 1842-1848.	2.8	18
22	Differential Susceptibilities to BmNPV Infection of Two Cell Lines Derived from the Same Silkworm Ovarian Tissues. <i>PLoS ONE</i> , 2014, 9, e105986.	1.1	17
23	Role of Bmbuffy in hydroxycamptothecine-induced apoptosis in BmN-SWU1 cells of the silkworm, <i>Bombyx mori</i> . <i>Biochemical and Biophysical Research Communications</i> , 2014, 447, 237-243.	1.0	17
24	Effects of starvation and hormones on DNA synthesis in silk gland cells of the silkworm, <i>Bombyx mori</i> . <i>Insect Science</i> , 2016, 23, 569-578.	1.5	17
25	Role of AMPK in the expression of tight junction proteins in heat-treated porcine Sertoli cells. <i>Theriogenology</i> , 2018, 121, 42-52.	0.9	17
26	Comparison of the Hepatoprotective Effects of the Three Main Stilbenes from Mulberry Twigs. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 5521-5529.	2.4	17
27	Combined Effect of Cameo2 and CBP on the Cellular Uptake of Lutein in the Silkworm, <i>Bombyx mori</i> . <i>PLoS ONE</i> , 2014, 9, e86594.	1.1	16
28	BmICE-2 is a novel pro-apoptotic caspase involved in apoptosis in the silkworm, <i>Bombyx mori</i> . <i>Biochemical and Biophysical Research Communications</i> , 2014, 445, 100-106.	1.0	15
29	Comparative transcriptome profiling of a thermal resistant vs. sensitive silkworm strain in response to high temperature under stressful humidity condition. <i>PLoS ONE</i> , 2017, 12, e0177641.	1.1	15
30	Construction of a One-Vector Multiplex CRISPR/Cas9 Editing System to Inhibit Nucleopolyhedrovirus Replication in Silkworms. <i>Virologica Sinica</i> , 2019, 34, 444-453.	1.2	15
31	Evolutionary and functional analyses of the interaction between the <i>Bombyx mori</i> inhibitor of apoptosis (IAP) and nucleopolyhedrovirus IAPs. <i>Insect Science</i> , 2020, 27, 463-474.	1.5	15
32	Construction and application of an HSP70 promoter-inducible genome editing system in transgenic silkworm to induce resistance to <i>Nosema bombycis</i> . <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 9583-9592.	1.7	14
33	BmAtg13 promotes the replication and proliferation of <i>Bombyx mori</i> nucleopolyhedrovirus. <i>Pesticide Biochemistry and Physiology</i> , 2019, 157, 143-151.	1.6	14
34	Effects of 10-hydroxycamptothecin on intrinsic mitochondrial pathway in silkworm BmN-SWU1 cells. <i>Pesticide Biochemistry and Physiology</i> , 2016, 127, 15-20.	1.6	13
35	Identification of a novel nuclear localization signal of baculovirus late expression factor 11. <i>Virus Research</i> , 2014, 184, 111-119.	1.1	12
36	DNA Synthesis during Endomitosis Is Stimulated by Insulin via the PI3K/Akt and TOR Signaling Pathways in the Silk Gland Cells of <i>Bombyx mori</i> . <i>International Journal of Molecular Sciences</i> , 2015, 16, 6266-6280.	1.8	12

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37	Identification of a <i>PP2A</i> gene in <i>Bombyx mori</i> with antiviral function against <i>B. mori</i> nucleopolyhedrovirus. <i>Insect Science</i> , 2020, 27, 687-696.	1.5	12
38	Identification and characterization of the BmCyclin L1-BmCDK11A/B complex in relation to cell cycle regulation. <i>Cell Cycle</i> , 2017, 16, 861-868.	1.3	11
39	Gene editing the BmNPV inhibitor of apoptosis protein 2 ( <i>iap2</i> ) as an antiviral strategy in transgenic silkworm. <i>International Journal of Biological Macromolecules</i> , 2021, 166, 529-537.	3.6	11
40	Transcriptome analysis reveals changes in silkworm energy metabolism during <i>Nosema bombycis</i> infection. <i>Pesticide Biochemistry and Physiology</i> , 2021, 174, 104809.	1.6	11
41	Screening and optimization of an efficient <i>Bombyx mori</i> nucleopolyhedrovirus inducible promoter. <i>Journal of Biotechnology</i> , 2016, 231, 72-80.	1.9	10
42	<i>Nosema bombycis</i> microRNA-like RNA 8 (Nb-milR8) Increases Fungal Pathogenicity by Modulating <i>BmPEX16</i> Gene Expression in Its Host, <i>Bombyx mori</i> . <i>Microbiology Spectrum</i> , 2021, 9, e0104821.	1.2	10
43	BmDredd is an initiator caspase and participates in Emodin-induced apoptosis in the silkworm, <i>Bombyx mori</i> . <i>Gene</i> , 2016, 591, 362-368.	1.0	9
44	In vivo RNA interference of BmNHR96 enhances the resistance of transgenic silkworm to BmNPV. <i>Biochemical and Biophysical Research Communications</i> , 2017, 493, 332-339.	1.0	9
45	Comparative genome-wide DNA methylation analysis reveals epigenomic differences in response to heat-humidity stress in <i>Bombyx mori</i> . <i>International Journal of Biological Macromolecules</i> , 2020, 164, 3771-3779.	3.6	9
46	Transgenic RNAi of BmREEPa in silkworms can enhance the resistance of silkworm to <i>Bombyx mori</i> Nucleopolyhedrovirus. <i>Biochemical and Biophysical Research Communications</i> , 2017, 483, 855-859.	1.0	8
47	BmCyclin B and BmCyclin B3 are required for cell cycle progression in the silkworm, <i>Bombyx mori</i> . <i>Science China Life Sciences</i> , 2013, 56, 360-365.	2.3	7
48	Two <i>Geminin</i> homologs regulate DNA replication in silkworm, <i>Bombyx mori</i> . <i>Cell Cycle</i> , 2017, 16, 830-840.	1.3	7
49	Resistant silkworm strain block viral infection independent of melanization. <i>Pesticide Biochemistry and Physiology</i> , 2019, 154, 88-96.	1.6	7
50	<i>Bombyx mori</i> protein BmREEPa and BmPtchd could form a complex with BmNPV envelope protein GP64. <i>Biochemical and Biophysical Research Communications</i> , 2017, 490, 1254-1259.	1.0	6
51	Silver nanoparticles are effective in controlling microsporidia. <i>Materials Science and Engineering C</i> , 2021, 125, 112106.	3.8	6
52	Baculovirus LEF-11 nuclear localization signal is important for viral DNA replication. <i>Virus Research</i> , 2017, 238, 133-140.	1.1	5
53	Genetic bioengineering of overexpressed guanylate binding protein family BmAtlastin-n enhances silkworm resistance to <i>Nosema bombycis</i> . <i>International Journal of Biological Macromolecules</i> , 2021, 172, 223-230.	3.6	5
54	A Matrix Metalloproteinase Mediates Tracheal Development in <i>Bombyx mori</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 5618.	1.8	5

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55	The dual roles of three MMPs and TIMP in innate immunity and metamorphosis in the silkworm, <i>Bombyx mori</i> . FEBS Journal, 2022, 289, 2828-2846.	2.2	5
56	Construction and characterization of a synthetic Baculovirus-inducible 39K promoter. Journal of Biological Engineering, 2018, 12, 30.	2.0	4
57	<i>BmGeminin2</i> interacts with <i>BmRRS1</i> and regulates <i>Bombyx mori</i> cell proliferation. Cell Cycle, 2019, 18, 1498-1512.	1.3	4
58	MicroRNA-6498-5p Inhibits <i>Nosema bombycis</i> Proliferation by Downregulating <i>BmPLPP2</i> in <i>Bombyx mori</i> . Journal of Fungi (Basel, Switzerland), 2021, 7, 1051.	1.5	4
59	Expression pattern and tissue localization of the class B scavenger receptor <i>BmSCRBQ4</i> in <i>Bombyx mori</i> . Insect Science, 2015, 22, 739-747.	1.5	3
60	<i>BmFoxO</i> Gene Regulation of the Cell Cycle Induced by 20-Hydroxyecdysone in <i>BmN-SWU1</i> Cells. Insects, 2020, 11, 700.	1.0	3
61	Geminin is essential for DNA re-replication in the silk gland cells of silkworms. Experimental Cell Research, 2022, 410, 112951.	1.2	3
62	<i>Bombyx mori</i> Nucleopolyhedrovirus (BmNPV) Induces G2/M Arrest to Promote Viral Multiplication by Depleting <i>BmCDK1</i> . Insects, 2021, 12, 1098.	1.0	3
63	<i>Bombyx mori</i> cell division cycle protein 37 promotes the proliferation of BmNPV. Pesticide Biochemistry and Physiology, 2021, 178, 104923.	1.6	2
64	E2F4 regulates the cell cycle and DNA replication in the silkworm, <i>Bombyx mori</i> . Insect Science, 2021, , .	1.5	2
65	Stable transformation of fluorescent proteins into <i>Nosema bombycis</i> by electroporation. Parasites and Vectors, 2022, 15, 141.	1.0	2
66	Construction of a CRISPR/FnCas12a multi-sites editing system for inhibiting proliferation of <i>Bombyx mori</i> nucleopolyhedrovirus. International Journal of Biological Macromolecules, 2021, 193, 585-591.	3.6	1
67	A novel system to rapidly detect protein-protein interactions (PPIs) based on fluorescence co-localization. Biotechnology Letters, 2020, 42, 2111-2122.	1.1	0