

# Genhong Wang

## List of Publications by Year in descending order

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27  
papers

1,966  
citations

566801

15  
h-index

525886

27  
g-index

27  
all docs

27  
docs citations

27  
times ranked

2329  
citing authors

#	ARTICLE	IF	CITATIONS
1	The genome of a lepidopteran model insect, the silkworm <i>Bombyx mori</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2008, 38, 1036-1045.	1.2	592
2	CRISPR/Cas9-mediated targeted mutagenesis in <i>Nicotiana tabacum</i> . <i>Plant Molecular Biology</i> , 2015, 87, 99-110.	2.0	293
3	Microarray-based gene expression profiles in multiple tissues of the domesticated silkworm, <i>Bombyx mori</i> . <i>Genome Biology</i> , 2007, 8, R162.	13.9	271
4	Genome-wide identification and expression analysis of serine proteases and homologs in the silkworm <i>Bombyx mori</i> . <i>BMC Genomics</i> , 2010, 11, 405.	1.2	84
5	Resistance to <i>Bombyx mori</i> nucleopolyhedrovirus via overexpression of an endogenous antiviral gene in transgenic silkworms. <i>Archives of Virology</i> , 2012, 157, 1323-1328.	0.9	81
6	Genome-Wide Identification and Immune Response Analysis of Serine Protease Inhibitor Genes in the Silkworm, <i>Bombyx mori</i> . <i>PLoS ONE</i> , 2012, 7, e31168.	1.1	77
7	Reference genes identified in the silkworm <i>Bombyx mori</i> during metamorphosis based on oligonucleotide microarray and confirmed by qRT-PCR. <i>Insect Science</i> , 2008, 15, 405-413.	1.5	75
8	Genome-wide analysis of the ATP-binding cassette (ABC) transporter gene family in the silkworm, <i>Bombyx mori</i> . <i>Molecular Biology Reports</i> , 2012, 39, 7281-7291.	1.0	62
9	A transgenic animal with antiviral properties that might inhibit multiple stages of infection. <i>Antiviral Research</i> , 2013, 98, 171-173.	1.9	56
10	Resistance to BmNPV via Overexpression of an Exogenous Gene Controlled by an Inducible Promoter and Enhancer in Transgenic Silkworm, <i>Bombyx mori</i> . <i>PLoS ONE</i> , 2012, 7, e41838.	1.1	53
11	Cloning and evolutionary analysis of tobacco MAPK gene family. <i>Molecular Biology Reports</i> , 2013, 40, 1407-1415.	1.0	52
12	Comparison of factors that may affect the inhibitory efficacy of transgenic RNAi targeting of baculoviral genes in silkworm, <i>Bombyx mori</i> . <i>Antiviral Research</i> , 2013, 97, 255-263.	1.9	50
13	Nuclear receptors in <i>Bombyx mori</i> : Insights into genomic structure and developmental expression. <i>Insect Biochemistry and Molecular Biology</i> , 2008, 38, 1130-1137.	1.2	43
14	Cloning and characterization of a novel <i>Nicotiana tabacum</i> ABC transporter involved in shoot branching. <i>Physiologia Plantarum</i> , 2015, 153, 299-306.	2.6	42
15	Characterization of Argonaute family members in the silkworm, <i>Bombyx mori</i> . <i>Insect Science</i> , 2013, 20, 78-91.	1.5	25
16	Comparative Fecal Metabolomes of Silkworms Being Fed Mulberry Leaf and Artificial Diet. <i>Insects</i> , 2020, 11, 851.	1.0	18
17	Genome-Wide Identification and Expression Analysis of HD-ZIP I Gene Subfamily in <i>Nicotiana tabacum</i> . <i>Genes</i> , 2019, 10, 575.	1.0	16
18	Comparative transcriptomic analysis reveals that multiple hormone signal transduction and carbohydrate metabolic pathways are affected by <i>Bacillus cereus</i> in <i>Nicotiana tabacum</i> . <i>Genomics</i> , 2020, 112, 4254-4267.	1.3	15

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19	Cathepsin B protease is required for metamorphosis in silkworm, <i>Bombyx mori</i> . <i>Insect Science</i> , 2008, 15, 201-208.	1.5	14
20	Isolation and functional characterization of a novel FLOWERING LOCUS T homolog (NtFT5) in <i>Nicotiana tabacum</i> . <i>Journal of Plant Physiology</i> , 2018, 231, 393-401.	1.6	12
21	Selection of reference genes for tissue/organ samples on day 3 fifth instar larvae in silkworm, <i>Bombyx mori</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2018, 98, e21458.	0.6	8
22	Characterization and potential application of an $\alpha$ -amylase (BmAmy1) selected during silkworm domestication. <i>International Journal of Biological Macromolecules</i> , 2021, 167, 1102-1112.	3.6	7
23	Functional analysis of NtMPK2 uncovers its positive role in response to <i>Pseudomonas syringae</i> pv. tomato DC3000 in tobacco. <i>Plant Molecular Biology</i> , 2016, 90, 19-31.	2.0	6
24	Systemic disruption of the homeostasis of transfer RNA isopentenyltransferase causes growth and development abnormalities in <i>Bombyx mori</i> . <i>Insect Molecular Biology</i> , 2019, 28, 380-391.	1.0	6
25	Genome-wide patterns of genetic variation among silkworms. <i>Molecular Genetics and Genomics</i> , 2015, 290, 1575-1587.	1.0	5
26	Identification and expression analysis of <i>EDR1</i> -like genes in tobacco ( <i>Nicotiana tabacum</i> ) in response to <i>Golovinomyces orontii</i> . <i>PeerJ</i> , 2018, 6, e5244.	0.9	2
27	Biochemical characterization and overexpression of an $\alpha$ -amylase ( <i>BmAmy</i> ) in silkworm, <i>Bombyx mori</i> . <i>Insect Molecular Biology</i> , 2022, 31, 251-259.	1.0	1