

Qing You Xia

List of Publications by Year in descending order

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327
papers

10,976
citations

38720
50
h-index

49868
87
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345
all docs

345
docs citations

345
times ranked

11618
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	Single base-resolution methylome of the silkworm reveals a sparse epigenomic map. <i>Nature Biotechnology</i> , 2010, 28, 516-520.	9.4	349
3	Complete Resequencing of 40 Genomes Reveals Domestication Events and Genes in Silkworm (<i>Bombyx mori</i>). <i>Genome Biology</i> , 2010, 11, R111.	6.0	342
4	CRISPR/Cas9-mediated targeted mutagenesis in <i>Nicotiana tabacum</i> . <i>Plant Molecular Biology</i> , 2015, 87, 99-110.	2.0	293
5	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
6	Genomic adaptation to polyphagy and insecticides in a major East Asian noctuid pest. <i>Nature Ecology and Evolution</i> , 2017, 1, 1747-1756.	3.4	269
7	SilkDB v2.0: a platform for silkworm (<i>Bombyx mori</i>) genome biology. <i>Nucleic Acids Research</i> , 2010, 38, D453-D456.	6.5	239
8	Advances in Silkworm Studies Accelerated by the Genome Sequencing of <i>Bombyx mori</i> . <i>Annual Review of Entomology</i> , 2014, 59, 513-536.	5.7	234
9	Design and performance of sericin/poly(vinyl alcohol) hydrogel as a drug delivery carrier for potential wound dressing application. <i>Materials Science and Engineering C</i> , 2019, 101, 341-351.	3.8	163
10	Systematic Identification and Characterization of Long Non-Coding RNAs in the Silkworm, <i>Bombyx mori</i> . <i>PLoS ONE</i> , 2016, 11, e0147147.	1.1	155
11	The progress and future of enhancing antiviral capacity by transgenic technology in the silkworm <i>Bombyx mori</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2014, 48, 1-7.	1.2	144
12	Autophagy precedes apoptosis during the remodeling of silkworm larval midgut. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2012, 17, 305-324.	2.2	140
13	Preparation and characterization of silk sericin/PVA blend film with silver nanoparticles for potential antimicrobial application. <i>International Journal of Biological Macromolecules</i> , 2017, 104, 457-464.	3.6	135
14	Highly Efficient and Specific Genome Editing in Silkworm Using Custom TALENs. <i>PLoS ONE</i> , 2012, 7, e45035.	1.1	131
15	CRISPR/Cas9 mediated multiplex genome editing and heritable mutagenesis of <i>BmKu70</i> in <i>Bombyx mori</i> . <i>Scientific Reports</i> , 2014, 4, 4489.	1.6	121
16	Bioinspired design of AgNPs embedded silk sericin-based sponges for efficiently combating bacteria and promoting wound healing. <i>Materials and Design</i> , 2019, 180, 107940.	3.3	112
17	MicroRNAs of <i>Bombyx mori</i> identified by Solexa sequencing. <i>BMC Genomics</i> , 2010, 11, 148.	1.2	107
18	A wearable, cotton thread/paper-based microfluidic device coupled with smartphone for sweat glucose sensing. <i>Cellulose</i> , 2019, 26, 4553-4562.	2.4	106

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19	2A self-cleaving peptide-based multi-gene expression system in the silkworm <i>Bombyx mori</i> . <i>Scientific Reports</i> , 2015, 5, 16273.	1.6	102
20	Large-scale RNA-Seq Transcriptome Analysis of 4043 Cancers and 548 Normal Tissue Controls across 12 TCGA Cancer Types. <i>Scientific Reports</i> , 2015, 5, 13413.	1.6	102
21	In situ green synthesis and characterization of sericin-silver nanoparticle composite with effective antibacterial activity and good biocompatibility. <i>Materials Science and Engineering C</i> , 2017, 80, 509-516.	3.8	97
22	Repression of tyrosine hydroxylase is responsible for the sex-linked chocolate mutation of the silkworm, <i>Bombyx mori</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 12980-12985.	3.3	96
23	Large Scale Full-Length cDNA Sequencing Reveals a Unique Genomic Landscape in a Lepidopteran Model Insect, <i>Bombyx mori</i> . <i>G3: Genes, Genomes, Genetics</i> , 2013, 3, 1481-1492.	0.8	87
24	Krüppel homolog 1 represses insect ecdysone biosynthesis by directly inhibiting the transcription of steroidogenic enzymes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3960-3965.	3.3	87
25	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
26	Highly efficient multiplex targeted mutagenesis and genomic structure variation in <i>Bombyx mori</i> cells using CRISPR/Cas9. <i>Insect Biochemistry and Molecular Biology</i> , 2014, 49, 35-42.	1.2	79
27	Ras1CA overexpression in the posterior silk gland improves silk yield. <i>Cell Research</i> , 2011, 21, 934-943.	5.7	77
28	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
29	Vitellogenin Receptor Mutation Leads to the Oogenesis Mutant Phenotype of the Silkworm, <i>Bombyx mori</i> . <i>Journal of Biological Chemistry</i> , 2013, 288, 13345-13355.	1.6	76
30	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
31	Comparative Proteomics Reveal Diverse Functions and Dynamic Changes of <i>Bombyx mori</i> Silk Proteins Spun from Different Development Stages. <i>Journal of Proteome Research</i> , 2013, 12, 5213-5222.	1.8	75
32	BmATG5 and BmATG6 mediate apoptosis following autophagy induced by 20-hydroxyecdysone or starvation. <i>Autophagy</i> , 2016, 12, 381-396.	4.3	73
33	Comparative analysis of proteome maps of silkworm hemolymph during different developmental stages. <i>Proteome Science</i> , 2010, 8, 45.	0.7	72
34	Inhibition of H3K9 Methyltransferase G9a Repressed Cell Proliferation and Induced Autophagy in Neuroblastoma Cells. <i>PLoS ONE</i> , 2014, 9, e106962.	1.1	70
35	Anaphylactic shock and lethal anaphylaxis caused by food consumption in China. <i>Trends in Food Science and Technology</i> , 2009, 20, 227-231.	7.8	68
36	Stimulator of interferon genes (STING) provides insect antiviral immunity by promoting Dredd caspase-mediated NF- κ B activation. <i>Journal of Biological Chemistry</i> , 2018, 293, 11878-11890.	1.6	67

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37	A phylogenomics approach to characterizing sensory neuron membrane proteins (SNMPs) in Lepidoptera. <i>Insect Biochemistry and Molecular Biology</i> , 2020, 118, 103313.	1.2	63
38	Expression map of a complete set of gustatory receptor genes in chemosensory organs of <i>Bombyx mori</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2017, 82, 74-82.	1.2	61
39	Studies on middle and posterior silk glands of silkworm (<i>Bombyx mori</i>) using two-dimensional electrophoresis and mass spectrometry. <i>Insect Biochemistry and Molecular Biology</i> , 2007, 37, 486-496.	1.2	60
40	Selection of reference genes for analysis of stress-responsive genes after challenge with viruses and temperature changes in the silkworm <i>Bombyx mori</i> . <i>Molecular Genetics and Genomics</i> , 2016, 291, 999-1004.	1.0	60
41	Facile and Low-Cost Fabrication of a Thread/Paper-Based Wearable System for Simultaneous Detection of Lactate and pH in Human Sweat. <i>Advanced Fiber Materials</i> , 2020, 2, 265-278.	7.9	60
42	SilkDB 3.0: visualizing and exploring multiple levels of data for silkworm. <i>Nucleic Acids Research</i> , 2020, 48, D749-D755.	6.5	59
43	MicroRNAs show diverse and dynamic expression patterns in multiple tissues of <i>Bombyx mori</i> . <i>BMC Genomics</i> , 2010, 11, 85.	1.2	58
44	Structural and Mechanical Properties of Silk from Different Instars of <i>Bombyx mori</i> . <i>Biomacromolecules</i> , 2019, 20, 1203-1216.	2.6	58
45	An optimized sericin-1 expression system for mass-producing recombinant proteins in the middle silk glands of transgenic silkworms. <i>Transgenic Research</i> , 2013, 22, 925-938.	1.3	57
46	Characterization and expression patterns of let-7 microRNA in the silkworm (<i>Bombyx mori</i>). <i>BMC Developmental Biology</i> , 2007, 7, 88.	2.1	56
47	A novel protease inhibitor in <i>Bombyx mori</i> is involved in defense against <i>Beauveria bassiana</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2012, 42, 766-775.	1.2	56
48	A transgenic animal with antiviral properties that might inhibit multiple stages of infection. <i>Antiviral Research</i> , 2013, 98, 171-173.	1.9	56
49	New and highly efficient expression systems for expressing selectively foreign protein in the silk glands of transgenic silkworm. <i>Transgenic Research</i> , 2010, 19, 29-44.	1.3	55
50	MicroRNA expression profiling during the life cycle of the silkworm (<i>Bombyx mori</i>). <i>BMC Genomics</i> , 2009, 10, 455.	1.2	54
51	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
52	BmILF and i-motif structure are involved in transcriptional regulation of BmPOUM2 in <i>Bombyx mori</i> . <i>Nucleic Acids Research</i> , 2018, 46, 1710-1723.	6.5	53
53	Haplotype-resolved genome of diploid ginger (<i>Zingiber officinale</i>) and its unique gingerol biosynthetic pathway. <i>Horticulture Research</i> , 2021, 8, 189.	2.9	53
54	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

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55	Comparative methylomics between domesticated and wild silkworms implies possible epigenetic influences on silkworm domestication. <i>BMC Genomics</i> , 2013, 14, 646.	1.2	47
56	Comparative evaluation of eight software programs for alignment of gas chromatography-mass spectrometry chromatograms in metabolomics experiments. <i>Journal of Chromatography A</i> , 2014, 1374, 199-206.	1.8	47
57	Genome editing of BmFib-H gene provides an empty <i>Bombyx mori</i> silk gland for a highly efficient bioreactor. <i>Scientific Reports</i> , 2014, 4, 6867.	1.6	46
58	Fabrication of the FGF1-functionalized sericin hydrogels with cell proliferation activity for biomedical application using genetically engineered <i>Bombyx mori</i> (<i>B. mori</i>) silk. <i>Acta Biomaterialia</i> , 2018, 79, 239-252.	4.1	46
59	Modifying the Mechanical Properties of Silk Fiber by Genetically Disrupting the Ionic Environment for Silk Formation. <i>Biomacromolecules</i> , 2015, 16, 3119-3125.	2.6	44
60	Identification and Characterization of Novel Chitin-Binding Proteins from the Larval Cuticle of Silkworm, <i>Bombyx mori</i> . <i>Journal of Proteome Research</i> , 2016, 15, 1435-1445.	1.8	44
61	In vivo effects of metal ions on conformation and mechanical performance of silkworm silks. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 567-576.	1.1	44
62	TIL-type protease inhibitors may be used as targeted resistance factors to enhance silkworm defenses against invasive fungi. <i>Insect Biochemistry and Molecular Biology</i> , 2015, 57, 11-19.	1.2	43
63	Genome-wide comparison of genes involved in the biosynthesis, metabolism, and signaling of juvenile hormone between silkworm and other insects. <i>Genetics and Molecular Biology</i> , 2014, 37, 444-459.	0.6	42
64	Advanced silk material spun by a transgenic silkworm promotes cell proliferation for biomedical application. <i>Acta Biomaterialia</i> , 2014, 10, 4947-4955.	4.1	42
65	Identification of <i>Bombyx mori</i> sericin 4 protein as a new biological adhesive. <i>International Journal of Biological Macromolecules</i> , 2019, 132, 1121-1130.	3.6	42
66	Pigmentary analysis of eggs of the silkworm <i>Bombyx mori</i> . <i>Journal of Insect Physiology</i> , 2017, 101, 142-150.	0.9	41
67	Genetic diversity, molecular phylogeny and selection evidence of the silkworm mitochondria implicated by complete resequencing of 41 genomes. <i>BMC Evolutionary Biology</i> , 2010, 10, 81.	3.2	40
68	A Juvenile Hormone Transcription Factor Bmdimm-Fibroin H Chain Pathway Is Involved in the Synthesis of Silk Protein in Silkworm, <i>Bombyx mori</i> . <i>Journal of Biological Chemistry</i> , 2015, 290, 972-986.	1.6	40
69	Identification and Molecular Characterization of a Chitin Deacetylase from <i>Bombyx mori</i> Peritrophic Membrane. <i>International Journal of Molecular Sciences</i> , 2014, 15, 1946-1961.	1.8	39
70	Identification of circular RNA in the <i>Bombyx mori</i> silk gland. <i>Insect Biochemistry and Molecular Biology</i> , 2017, 89, 97-106.	1.2	39
71	Enhanced antiviral immunity against <i>Bombyx mori</i> cytoplasmic polyhedrosis virus via overexpression of peptidoglycan recognition protein S2 in transgenic silkworms. <i>Developmental and Comparative Immunology</i> , 2018, 87, 84-89.	1.0	38
72	Transcriptome-wide analysis of N6-methyladenosine uncovers its regulatory role in gene expression in the lepidopteran <i>Bombyx mori</i> . <i>Insect Molecular Biology</i> , 2019, 28, 703-715.	1.0	38

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73	Antenna-Specific Glutathione S-Transferase in Male Silkworm <i>Bombyx mori</i> . International Journal of Molecular Sciences, 2014, 15, 7429-7443.	1.8	37
74	CRISPR/Cas9-Mediated Mutagenesis of Carotenoid Cleavage Dioxygenase 8 (CCD8) in Tobacco Affects Shoot and Root Architecture. International Journal of Molecular Sciences, 2018, 19, 1062.	1.8	37
75	Analysis of proteome dynamics inside the silk gland lumen of <i>Bombyx mori</i> . Scientific Reports, 2016, 6, 21158.	1.6	36
76	The Broad Complex isoform 2 (BrC-Z2) transcriptional factor plays a critical role in vitellogenin transcription in the silkworm <i>Bombyx mori</i> . Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 2674-2684.	1.1	35
77	Transcriptome analysis of interactions between silkworm and cytoplasmic polyhedrosis virus. Scientific Reports, 2016, 6, 24894.	1.6	35
78	An integrated CRISPR <i>Bombyx mori</i> genome editing system with improved efficiency and expanded target sites. Insect Biochemistry and Molecular Biology, 2017, 83, 13-20.	1.2	34
79	Comparative Proteome Analysis of Multi-Layer Cocoon of the Silkworm, <i>Bombyx mori</i> . PLoS ONE, 2015, 10, e0123403.	1.1	34
80	Genome-wide annotation and comparative analysis of cuticular protein genes in the noctuid pest <i>Spodoptera litura</i> . Insect Biochemistry and Molecular Biology, 2019, 110, 90-97.	1.2	33
81	An Innovative Solvent-Responsive Coiling-Expanding Stent. Advanced Materials, 2021, 33, e2101005.	11.1	33
82	Basic Helix-Loop-Helix Transcription Factor Bmsage Is Involved in Regulation of fibroin H-chain Gene via Interaction with SGF1 in <i>Bombyx mori</i> . PLoS ONE, 2014, 9, e94091.	1.1	33
83	Genome editing in <i>Bombyx mori</i> : New opportunities for silkworm functional genomics and the sericulture industry. Insect Science, 2019, 26, 964-972.	1.5	32
84	Co-occurrence network analyses of rhizosphere soil microbial PLFAs and metabolites over continuous cropping seasons in tobacco. Plant and Soil, 2020, 452, 119-135.	1.8	32
85	Identification of novel members reveals the structural and functional divergence of lepidopteran-specific Lipoprotein_11 family. Functional and Integrative Genomics, 2012, 12, 705-715.	1.4	31
86	Shotgun proteomic analysis of the <i>Bombyx mori</i> anterior silk gland: An insight into the biosynthetic fiber spinning process. Proteomics, 2013, 13, 2657-2663.	1.3	30
87	Constructing high effective nano-Mn ₃ (PO ₄) ₂ -chitosan in situ electrochemical detection interface for superoxide anions released from living cell. Biosensors and Bioelectronics, 2019, 133, 133-140.	5.3	29
88	Genome-wide CRISPR screening reveals genes essential for cell viability and resistance to abiotic and biotic stresses in <i>Bombyx mori</i> . Genome Research, 2020, 30, 757-767.	2.4	29
89	Protein composites from silkworm cocoons as versatile biomaterials. Acta Biomaterialia, 2021, 121, 180-192.	4.1	29
90	Proteins in the Cocoon of Silkworm Inhibit the Growth of <i>Beauveria bassiana</i> . PLoS ONE, 2016, 11, e0151764.	1.1	29

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91	Structural insights into the cofactor-assisted substrate recognition of yeast methylglyoxal/isovaleraldehyde reductase Gre2. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014, 1844, 1486-1492.	1.1	28
92	Proteomic analysis of <i>Bombyx mori</i> molting fluid: Insights into the molting process. <i>Journal of Proteomics</i> , 2018, 173, 115-125.	1.2	28
93	A Sandwich-Structured Piezoresistive Sensor with Electrospun Nanofiber Mats as Supporting, Sensing, and Packaging Layers. <i>Polymers</i> , 2018, 10, 575.	2.0	28
94	Genetically engineered bi-functional silk material with improved cell proliferation and anti-inflammatory activity for medical application. <i>Acta Biomaterialia</i> , 2019, 86, 148-157.	4.1	28
95	Large-scale production of bioactive recombinant human acidic fibroblast growth factor in transgenic silkworm cocoons. <i>Scientific Reports</i> , 2015, 5, 16323.	1.6	27
96	Analysis of <i>Nicotiana tabacum</i> PIN genes identifies NtPIN4 as a key regulator of axillary bud growth. <i>Physiologia Plantarum</i> , 2017, 160, 222-239.	2.6	27
97	DNA methylation on N6-adenine in lepidopteran <i>Bombyx mori</i> . <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2018, 1861, 815-825.	0.9	27
98	Genetically engineered pH-responsive silk sericin nanospheres with efficient therapeutic effect on ulcerative colitis. <i>Acta Biomaterialia</i> , 2022, 144, 81-95.	4.1	27
99	Analysis of the structure and expression of the 30K protein genes in silkworm, <i>Bombyx mori</i> . <i>Insect Science</i> , 2007, 14, 5.	1.5	26
100	Phox2B correlates with MYCN and is a prognostic marker for neuroblastoma development. <i>Oncology Letters</i> , 2015, 9, 2507-2514.	0.8	26
101	Ca ²⁺ and endoplasmic reticulum Ca ²⁺ -ATPase regulate the formation of silk fibers with favorable mechanical properties. <i>Journal of Insect Physiology</i> , 2015, 73, 53-59.	0.9	26
102	Multiplex genomic structure variation mediated by TALEN and ssODN. <i>BMC Genomics</i> , 2014, 15, 41.	1.2	25
103	Transgenic Silkworm-Based Silk Gland Bioreactor for Large Scale Production of Bioactive Human Platelet-Derived Growth Factor (PDGF-BB) in Silk Cocoons. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2533.	1.8	25
104	Knit Architecture for Water-Actuating Woolen Knitwear and Its Personalized Thermal Management. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 6298-6308.	4.0	25
105	Advances in the Arms Race Between Silkworm and Baculovirus. <i>Frontiers in Immunology</i> , 2021, 12, 628151.	2.2	25
106	Transcriptome Sequencing and Positive Selected Genes Analysis of <i>Bombyx mandarina</i> . <i>PLoS ONE</i> , 2015, 10, e0122837.	1.1	25
107	Transcriptomic Analysis of the Anterior Silk Gland in the Domestic Silkworm (<i>Bombyx mori</i>) – Insight into the Mechanism of Silk Formation and Spinning. <i>PLoS ONE</i> , 2015, 10, e0139424.	1.1	25
108	GC/MS-based metabolomic studies reveal key roles of glycine in regulating silk synthesis in silkworm, <i>Bombyx mori</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2015, 57, 41-50.	1.2	24

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109	Comparative transcriptome analysis of <i>Bombyx mori</i> spinnerets and Filippi's glands suggests their role in silk fiber formation. <i>Insect Biochemistry and Molecular Biology</i> , 2016, 68, 89-99.	1.2	24
110	A strategy for improving the mechanical properties of silk fiber by directly injection of ferric ions into silkworm. <i>Materials and Design</i> , 2018, 146, 134-141.	3.3	24
111	A comprehensive analysis of the chorion locus in silkworm. <i>Scientific Reports</i> , 2015, 5, 16424.	1.6	23
112	The Homeodomain Transcription Factors Antennapedia and POU-M2 Regulate the Transcription of the Steroidogenic Enzyme Gene Phantom in the Silkworm. <i>Journal of Biological Chemistry</i> , 2015, 290, 24438-24452.	1.6	23
113	Comparative proteomics analysis of silkworm hemolymph during the stages of metamorphosis via liquid chromatography and mass spectrometry. <i>Proteomics</i> , 2016, 16, 1421-1431.	1.3	23
114	Integrative Proteomics and Metabolomics Analysis of Insect Larva Brain: Novel Insights into the Molecular Mechanism of Insect Wandering Behavior. <i>Journal of Proteome Research</i> , 2016, 15, 193-204.	1.8	23
115	Transcriptome analysis of the response of silkworm to drastic changes in ambient temperature. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 10161-10170.	1.7	23
116	Transgenic PDGF-BB/sericin hydrogel supports for cell proliferation and osteogenic differentiation. <i>Biomaterials Science</i> , 2020, 8, 657-672.	2.6	23
117	Transcriptome Analysis of Integument Differentially Expressed Genes in the Pigment Mutant (quail) during Molting of Silkworm, <i>Bombyx mori</i> . <i>PLoS ONE</i> , 2014, 9, e94185.	1.1	22
118	Structural insights into the unique inhibitory mechanism of the silkworm protease inhibitor serpin18. <i>Scientific Reports</i> , 2015, 5, 11863.	1.6	22
119	GC/MS-based metabolomics analysis reveals active fatty acids biosynthesis in the Filippi's gland of the silkworm, <i>Bombyx mori</i> , during silk spinning. <i>Insect Biochemistry and Molecular Biology</i> , 2019, 105, 1-9.	1.2	22
120	An array of 60,000 antibodies for proteome-scale antibody generation and target discovery. <i>Science Advances</i> , 2020, 6, eaax2271.	4.7	22
121	The 5' UTR intron of the midgut-specific BmAPN4 gene affects the level and location of expression in transgenic silkworms. <i>Insect Biochemistry and Molecular Biology</i> , 2015, 63, 1-6.	1.2	21
122	Epigenetic Methylations on N6-Adenine and N6-Adenosine with the same Input but Different Output. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2931.	1.8	21
123	Sericin-based gadolinium nanoparticles as synergistically enhancing contrast agents for pH-responsive and tumor targeting magnetic resonance imaging. <i>Materials and Design</i> , 2021, 203, 109600.	3.3	21
124	The synthesis, transportation and degradation of BmLP3 and BmLP7, two highly homologous <i>Bombyx mori</i> 30K proteins. <i>Insect Biochemistry and Molecular Biology</i> , 2012, 42, 827-834.	1.2	20
125	The promoter of Bmlp3 gene can direct fat body-specific expression in the transgenic silkworm, <i>Bombyx mori</i> . <i>Transgenic Research</i> , 2013, 22, 1055-1063.	1.3	20
126	Vitellogenin receptor selectively endocytoses female-specific and highly-expressed hemolymph proteins in the silkworm, <i>Bombyx mori</i> . <i>Biochemistry and Cell Biology</i> , 2017, 95, 510-516.	0.9	20

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127	Silkworm serpin32 functions as a negative-regulator in prophenoloxidase activation. <i>Developmental and Comparative Immunology</i> , 2019, 91, 123-131.	1.0	20
128	Kunitz-type protease inhibitor BmSPI51 plays an antifungal role in the silkworm cocoon. <i>Insect Biochemistry and Molecular Biology</i> , 2020, 116, 103258.	1.2	20
129	Global expression profile of silkworm genes from larval to pupal stages: Toward a comprehensive understanding of sexual differences. <i>Insect Science</i> , 2011, 18, 607-618.	1.5	19
130	Metabolomics Analysis of the Larval Head of the Silkworm, <i>Bombyx mori</i> . <i>International Journal of Molecular Sciences</i> , 2016, 17, 1460.	1.8	19
131	Structure, evolution, and expression of antimicrobial silk proteins, seroins in Lepidoptera. <i>Insect Biochemistry and Molecular Biology</i> , 2016, 75, 24-31.	1.2	19
132	Tissue-specific genome editing of laminA/C in the posterior silk glands of <i>Bombyx mori</i> . <i>Journal of Genetics and Genomics</i> , 2017, 44, 451-459.	1.7	19
133	Programmable Single and Multiplex Base-Editing in <i>Bombyx mori</i> Using RNA-Guided Cytidine Deaminases. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 1701-1709.	0.8	19
134	Phosphoenolpyruvate carboxykinase is involved in antiviral immunity against <i>Bombyx mori</i> nucleopolyhedrovirus. <i>Developmental and Comparative Immunology</i> , 2019, 92, 193-198.	1.0	19
135	MicroRNAs bmo-miR-2739 and novel-miR-167 coordinately regulate the expression of the vitellogenin receptor in <i>Bombyx mori</i> oogenesis. <i>Development (Cambridge)</i> , 2020, 147, .	1.2	19
136	Tannic acid-assisted deposition of silk sericin on the titanium surfaces for antifouling application. <i>Colloids and Interface Science Communications</i> , 2020, 35, 100241.	2.0	19
137	Cell guidance on peptide micropatterned silk fibroin scaffolds. <i>Journal of Colloid and Interface Science</i> , 2021, 603, 380-390.	5.0	19
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