

Toru Shimada

List of Publications by Year in descending order

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212
papers

9,229
citations

47006

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214
docs citations

214
times ranked

5617
citing authors

#	ARTICLE	IF	CITATIONS
1	The genome sequence of <i>Samia ricini</i> , a new model species of lepidopteran insect. <i>Molecular Ecology Resources</i> , 2021, 21, 327-339.	4.8	12
2	Horizontal Gene Transfer and Gene Duplication of β -Fructofuranosidase Confer Lepidopteran Insects Metabolic Benefits. <i>Molecular Biology and Evolution</i> , 2021, 38, 2897-2914.	8.9	10
3	Duplication and diversification of trehalase confers evolutionary advantages on lepidopteran insects. <i>Molecular Ecology</i> , 2019, 28, 5282-5298.	3.9	28
4	High-quality genome assembly of the silkworm, <i>Bombyx mori</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2019, 107, 53-62.	2.7	201
5	Two CCCH-type zinc finger domains in the Masc protein are dispensable for masculinization and dosage compensation in <i>Bombyx mori</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2019, 104, 30-38.	2.7	21
6	Morphological and electrophysiological differences in tarsal chemosensilla between the wild silkworm <i>Bombyx mandarina</i> and the domesticated species <i>Bombyx mori</i> . <i>Arthropod Structure and Development</i> , 2018, 47, 238-247.	1.4	5
7	Inhibitory role of the Bm8 protein in the propagation of <i>Bombyx mori</i> nucleopolyhedrovirus. <i>Virus Research</i> , 2018, 249, 124-131.	2.2	3
8	<i>Bombyx</i> ortholog of the <i>Drosophila</i> eye color gene brown controls riboflavin transport in Malpighian tubules. <i>Insect Biochemistry and Molecular Biology</i> , 2018, 92, 65-72.	2.7	15
9	Proteomic Analysis of Larval Integument in a Dominant Obese Translucent (Obs) Silkworm Mutant. <i>Journal of Insect Science</i> , 2018, 18, .	1.5	1
10	Accumulation of uric acid in the epidermis forms the white integument of <i>Samia ricini</i> larvae. <i>PLoS ONE</i> , 2018, 13, e0205758.	2.5	11
11	In vivo masculinizing function of the <i>Ostrinia furnacalis</i> Masculinizer gene. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 1768-1772.	2.1	21
12	A single amino acid substitution in the <i>Bombyx</i> -specific mucin-like membrane protein causes resistance to <i>Bombyx mori</i> densovirus. <i>Scientific Reports</i> , 2018, 8, 7430.	3.3	12
13	A reexamination on the deficiency of riboflavin accumulation in Malpighian tubules in larval translucent mutants of the silkworm, <i>Bombyx mori</i> . <i>Genetica</i> , 2018, 146, 425-431.	1.1	4
14	Silkworms suppress the release of green leaf volatiles by mulberry leaves with an enzyme from their spinnerets. <i>Scientific Reports</i> , 2018, 8, 11942.	3.3	23
15	Bm-muted, orthologous to mouse muted and encoding a subunit of the BLOC-1 complex, is responsible for the otm translucent mutation of the silkworm <i>Bombyx mori</i> . <i>Gene</i> , 2017, 629, 92-100.	2.2	18
16	Artificial ω -ping-pong cascade of PIWI-interacting RNA in silkworm cells. <i>Rna</i> , 2017, 23, 86-97.	3.5	10
17	The morphology of antennal lobe projection neurons is controlled by a POU-domain transcription factor Bmacj6 in the silkworm <i>Bombyx mori</i> . <i>Scientific Reports</i> , 2017, 7, 14050.	3.3	0
18	Identification of a bipartite nuclear localization signal in the silkworm Masc protein. <i>FEBS Letters</i> , 2016, 590, 2256-2261.	2.8	11

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19	Bombyx mori nucleopolyhedrovirus BM5 protein regulates progeny virus production and viral gene expression. <i>Virology</i> , 2016, 498, 240-249.	2.4	15
20	Gene expression and localization analysis of Bombyx mori bidensovirus and its putative receptor in B. mori midgut. <i>Journal of Invertebrate Pathology</i> , 2016, 136, 50-56.	3.2	10
21	Identification of the silkworm quail gene reveals a crucial role of a receptor guanylyl cyclase in larval pigmentation. <i>Insect Biochemistry and Molecular Biology</i> , 2016, 68, 33-40.	2.7	16
22	Mapping and recombination analysis of two moth colour mutations, Black moth and Wild wing spot, in the silkworm Bombyx mori. <i>Heredity</i> , 2016, 116, 52-59.	2.6	18
23	Identification and functional analysis of a <i>Masculinizer</i> orthologue in <i>Trilocha varians</i> (Lepidoptera: Bombycidae). <i>Insect Molecular Biology</i> , 2015, 24, 561-569.	2.0	35
24	The Endosymbiotic Bacterium Wolbachia Selectively Kills Male Hosts by Targeting the Masculinizing Gene. <i>PLoS Pathogens</i> , 2015, 11, e1005048.	4.7	73
25	Functional analysis of antisense long non-coding RNAs transcribed from the Bombyx mori (Lepidoptera: Bombycidae) nucleopolyhedrovirus genome. <i>Applied Entomology and Zoology</i> , 2015, 50, 155-167.	1.2	1
26	Sexually biased transcripts at early embryonic stages of the silkworm depend on the sex chromosome constitution. <i>Gene</i> , 2015, 560, 50-56.	2.2	8
27	A novel sucrose hydrolase from the bombycoid silkworms Bombyx mori, Trilocha varians, and Samia cynthia ricini with a substrate specificity for sucrose. <i>Insect Biochemistry and Molecular Biology</i> , 2015, 61, 46-52.	2.7	13
28	The killing speed of egt-inactivated Bombyx mori nucleopolyhedrovirus depends on the developmental stage of B. mori larvae. <i>Journal of Invertebrate Pathology</i> , 2015, 126, 64-70.	3.2	13
29	Bombyx mori nucleopolyhedrovirus actin rearrangement-inducing factor 1 enhances systemic infection in B. mori larvae. <i>Journal of General Virology</i> , 2015, 96, 1938-1946.	2.9	12
30	Two Conserved Cysteine Residues Are Required for the Masculinizing Activity of the Silkworm Masc Protein. <i>Journal of Biological Chemistry</i> , 2015, 290, 26114-26124.	3.4	29
31	Positional cloning of the sex-linked giant egg (<i>Ge</i>) locus in the silkworm, <i>Bombyx mori</i> . <i>Insect Molecular Biology</i> , 2015, 24, 213-221.	2.0	8
32	Deletion analysis of a superoxide dismutase gene of Bombyx mori (Lepidoptera: Bombycidae) nucleopolyhedrovirus. <i>Applied Entomology and Zoology</i> , 2015, 50, 57-62.	1.2	5
33	Antennal lobe organization and pheromone usage in bombycid moths. <i>Biology Letters</i> , 2014, 10, 20140096.	2.3	21
34	Silkworm HP1a transcriptionally enhances highly expressed euchromatic genes via association with their transcription start sites. <i>Nucleic Acids Research</i> , 2014, 42, 11462-11471.	14.5	12
35	A single female-specific piRNA is the primary determiner of sex in the silkworm. <i>Nature</i> , 2014, 509, 633-636.	27.8	407
36	The BIR and BIR-like domains of Bombyx mori nucleopolyhedrovirus IAP2 protein are required for efficient viral propagation. <i>Biochemical and Biophysical Research Communications</i> , 2014, 454, 581-587.	2.1	14

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37	Anatomical and functional analysis of domestication effects on the olfactory system of the silkworm <i>Bombyx mori</i> . Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20132582.	2.6	16
38	Dimerization and proper degradation of BmNPV IE2 are required for efficient virus growth in larvae of <i>Bombyx mori</i> (Lepidoptera: Bombycidae). Applied Entomology and Zoology, 2013, 48, 125-130.	1.2	1
39	Flavonoids from the cocoon of <i>Rondotia menciara</i> . Phytochemistry, 2013, 94, 108-112.	2.9	23
40	Reduced expression of the <i>dysbindin</i> -like gene in the <i>Bombyx mori</i> <i>ov</i> mutant exhibiting mottled translucency of the larval skin. Genome, 2013, 56, 101-108.	2.0	18
41	Mutation of a novel ABC transporter gene is responsible for the failure to incorporate uric acid in the epidermis of <i>ok</i> mutants of the silkworm, <i>Bombyx mori</i> . Insect Biochemistry and Molecular Biology, 2013, 43, 562-571.	2.7	51
42	Functional characterization of <i>Bombyx mori</i> nucleopolyhedrovirus CG30 protein. Virus Research, 2013, 174, 52-59.	2.2	16
43	Characterization of a novel chromodomain-containing gene from the silkworm, <i>Bombyx mori</i> . Gene, 2013, 527, 649-654.	2.2	8
44	Albino (<i>al</i>) is a tetrahydrobiopterin (BH4)-deficient mutant of the silkworm <i>Bombyx mori</i> . Insect Biochemistry and Molecular Biology, 2013, 43, 594-600.	2.7	31
45	Inhibition of Tumor Angiogenesis and Growth by a Small-Molecule Multi-FGF Receptor Blocker with Allosteric Properties. Cancer Cell, 2013, 23, 477-488.	16.8	138
46	Silkworm plasmatocytes are more resistant than other hemocyte morphotypes to <i>Bombyx mori</i> nucleopolyhedrovirus infection. Journal of Invertebrate Pathology, 2013, 112, 102-104.	3.2	10
47	Large Scale Full-Length cDNA Sequencing Reveals a Unique Genomic Landscape in a Lepidopteran Model Insect, <i>Bombyx mori</i> . G3: Genes, Genomes, Genetics, 2013, 3, 1481-1492.	1.8	87
48	Vitellogenin Receptor Mutation Leads to the Oogenesis Mutant Phenotype <i>œscanty vitellin</i> of the Silkworm, <i>Bombyx mori</i> . Journal of Biological Chemistry, 2013, 288, 13345-13355.	3.4	76
49	The comprehensive epigenome map of piRNA clusters. Nucleic Acids Research, 2013, 41, 1581-1590.	14.5	29
50	Identification of Key Uric Acid Synthesis Pathway in a Unique Mutant Silkworm <i>Bombyx mori</i> Model of Parkinson's Disease. PLoS ONE, 2013, 8, e69130.	2.5	42
51	Precocious Metamorphosis in the Juvenile Hormone-Deficient Mutant of the Silkworm, <i>Bombyx mori</i> . PLoS Genetics, 2012, 8, e1002486.	3.5	135
52	The Baculovirus Uses a Captured Host Phosphatase to Induce Enhanced Locomotory Activity in Host Caterpillars. PLoS Pathogens, 2012, 8, e1002644.	4.7	78
53	Maximizing the amplitude of coherent phonons with shaped laser pulses. Journal of Applied Physics, 2012, 112, 113103.	2.5	9
54	Baculovirus-Encoded Protein BV/ODV-E26 Determines Tissue Tropism and Virulence in Lepidopteran Insects. Journal of Virology, 2012, 86, 2545-2555.	3.4	33

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55	A homolog of the human Hermansky-Pudluc syndrome-5 (HPS5) gene is responsible for the oa larval translucent mutants in the silkworm, <i>Bombyx mori</i> . <i>Genetica</i> , 2012, 140, 463-468.	1.1	28
56	Reinvestigation of the Sex Pheromone of the Wild Silkmoth <i>Bombyx mandarina</i> : The Effects of Bombykal and Bombykyl Acetate. <i>Journal of Chemical Ecology</i> , 2012, 38, 1031-1035.	1.8	26
57	Molecular Phylogeny, Laboratory Rearing, and Karyotype of the Bombycid Moth, <i>Trilocha varians</i> . <i>Journal of Insect Science</i> , 2012, 12, 1-17.	1.5	10
58	Positional cloning of a gene responsible for the <i>cts</i> mutation of the silkworm, <i>Bombyx mori</i> . <i>Genome</i> , 2012, 55, 493-504.	2.0	14
59	A role for transcription from a piRNA cluster in de novo piRNA production. <i>Rna</i> , 2012, 18, 265-273.	3.5	50
60	Altered expression of testis-specific genes, piRNAs, and transposons in the silkworm ovary masculinized by a W chromosome mutation. <i>BMC Genomics</i> , 2012, 13, 119.	2.8	10
61	Identification and characterization of host factors interacting with <i>Bombyx mori</i> nucleopolyhedrovirus ORF8. <i>Journal of Microbiology</i> , 2012, 50, 469-477.	2.8	6
62	Infection study of <i>Bombyx mori</i> macula-like virus (BmMLV) using a BmMLV-negative cell line and an infectious cDNA clone. <i>Journal of Virological Methods</i> , 2012, 179, 316-324.	2.1	23
63	Female sex pheromone and male behavioral responses of the bombycid moth <i>Trilocha varians</i> : comparison with those of the domesticated silkworm <i>Bombyx mori</i> . <i>Die Naturwissenschaften</i> , 2012, 99, 207-215.	1.6	14
64	Identification and characterization of the fusion transcript, composed of the apterous homolog and a putative protein phosphatase gene, generated by 1.5-Mb interstitial deletion in the vestigial (<i>Vg</i>) mutant of <i>Bombyx mori</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2011, 41, 306-312.	2.7	6
65	Mutations in an amino acid transporter gene are responsible for sex-linked translucent larval skin of the silkworm, <i>Bombyx mori</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2011, 41, 680-687.	2.7	22
66	BmDJ-1 Is a Key Regulator of Oxidative Modification in the Development of the Silkworm, <i>Bombyx mori</i> . <i>PLoS ONE</i> , 2011, 6, e17683.	2.5	8
67	Positional cloning of silkworm white egg 2 (<i>w-2</i>) locus shows functional conservation and diversification of ABC transporters for pigmentation in insects. <i>Genes To Cells</i> , 2011, 16, 331-342.	1.2	62
68	Interspecies linkage analysis of <i>mo</i> , a <i>Bombyx mori</i> locus associated with mosaicism and gynandromorphism. <i>Genetica</i> , 2011, 139, 1323-1329.	1.1	2
69	Comparative analysis of budded virus infectivity of <i>Bombyx mandarina</i> and <i>B. mori</i> nucleopolyhedroviruses. <i>Virus Genes</i> , 2011, 43, 313-317.	1.6	8
70	The silkworm W chromosome is a source of female-enriched piRNAs. <i>Rna</i> , 2011, 17, 2144-2151.	3.5	50
71	Diversity in Copy Number and Structure of a Silkworm Morphogenetic Gene as a Result of Domestication. <i>Genetics</i> , 2011, 187, 965-976.	2.9	21
72	Zygotic amplification of secondary piRNAs during silkworm embryogenesis. <i>Rna</i> , 2011, 17, 1401-1407.	3.5	65

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73	Mass identification of transcriptional units expressed from the <i>Bombyx mori</i> nucleopolyhedrovirus genome. <i>Journal of General Virology</i> , 2011, 92, 200-203.	2.9	19
74	Sex-linked transcription factor involved in a shift of sex-pheromone preference in the silkworm <i>Bombyx mori</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 18038-18043.	7.1	30
75	Sex pheromone desaturase functioning in a primitive <i>Ostrinia</i> moth is cryptically conserved in congeners' genomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 7102-7106.	7.1	41
76	Role of the ubiquitin-proteasome system in <i>Bombyx mori</i> nucleopolyhedrovirus infection. <i>Journal of General Virology</i> , 2011, 92, 699-705.	2.9	43
77	The Silkworm-An Attractive BioResource Supplied by Japan. <i>Experimental Animals</i> , 2010, 59, 139-146.	1.1	42
78	Molecular analysis of sex chromosome-linked mutants in the silkworm <i>Bombyx mori</i> . <i>Journal of Genetics</i> , 2010, 89, 365-374.	0.7	11
79	Novel non-autonomous transposable elements on W chromosome of the silkworm, <i>Bombyx mori</i> . <i>Journal of Genetics</i> , 2010, 89, 375-387.	0.7	9
80	Characterization of a <i>Bombyx mori</i> nucleopolyhedrovirus mutant lacking both fp25K and p35. <i>Virus Genes</i> , 2010, 41, 144-148.	1.6	3
81	Molecular defect of isovaleryl-CoA dehydrogenase in the <i>skunk</i> mutant of silkworm, <i>Bombyx mori</i> . <i>FEBS Journal</i> , 2010, 277, 4452-4463.	4.7	3
82	Transgenic analysis of the <i>BmBLOS2</i> gene that governs the translucency of the larval integument of the silkworm, <i>Bombyx mori</i> . <i>Insect Molecular Biology</i> , 2010, 19, 659-667.	2.0	49
83	<i>Non-molting glossy/shroud</i> encodes a short-chain dehydrogenase/reductase that functions in the <i>Black Box</i> of the ecdysteroid biosynthesis pathway. <i>Development (Cambridge)</i> , 2010, 137, 1991-1999.	2.5	163
84	Comparative Studies of Lepidopteran Baculovirus-Specific Protein FP25K: Development of a Novel <i>Bombyx mori</i> Nucleopolyhedrovirus-Based Vector with a Modified <i>fp25K</i> Gene. <i>Journal of Virology</i> , 2010, 84, 5191-5200.	3.4	27
85	The silkworm <i>Green b</i> locus encodes a quercetin 5-O-glucosyltransferase that produces green cocoons with UV-shielding properties. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 11471-11476.	7.1	100
86	Identification and molecular characterization of a sex chromosome rearrangement causing a soft and pliable (<i>spli</i>) larval body phenotype in the silkworm, <i>Bombyx mori</i> . <i>Genome</i> , 2010, 53, 45-54.	2.0	4
87	Yellow-e Determines the Color Pattern of Larval Head and Tail Spots of the Silkworm <i>Bombyx mori</i> . <i>Journal of Biological Chemistry</i> , 2010, 285, 5624-5629.	3.4	47
88	Molecular and functional characterization of an acetyl-CoA acetyltransferase from the adzuki bean borer moth <i>Ostrinia scapulalis</i> (Lepidoptera: Crambidae). <i>Insect Biochemistry and Molecular Biology</i> , 2010, 40, 74-78.	2.7	14
89	Recent transposition of <i>yabusame</i> , a novel <i>piggyBac</i> -like transposable element in the genome of the silkworm, <i>Bombyx mori</i> . <i>Genome</i> , 2010, 53, 585-593.	2.0	13
90	The Silkworm Mutant lemon (lemon lethal) Is a Potential Insect Model for Human Sepiapterin Reductase Deficiency. <i>Journal of Biological Chemistry</i> , 2009, 284, 11698-11705.	3.4	48

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91	The <i>Bombyx</i> ovary-derived cell line endogenously expresses PIWI/PIWI-interacting RNA complexes. <i>Rna</i> , 2009, 15, 1258-1264.	3.5	124
92	N-linked glycans located in the pro-region of <i>Bombyx mori</i> nucleopolyhedrovirus V-CATH are essential for the proper folding of V-CATH and V-CHIA. <i>Journal of General Virology</i> , 2009, 90, 170-176.	2.9	18
93	<i>Bombyx mori</i> nucleopolyhedrovirus ORF34 is required for efficient transcription of late and very late genes. <i>Virology</i> , 2009, 392, 230-237.	2.4	18
94	Abnormal red body coloration of the silkworm, <i>Bombyx mori</i> , is caused by a mutation in a novel kynureninase. <i>Genes To Cells</i> , 2009, 14, 129-140.	1.2	31
95	Identification and characterization of globin genes from two lepidopteran insects, <i>Bombyx mori</i> and <i>Samia cynthia ricini</i> . <i>Gene</i> , 2009, 431, 33-38.	2.2	9
96	<i>Bombyx mori</i> nucleopolyhedrovirus FP25K is essential for maintaining a steady-state level of v-cath expression throughout the infection. <i>Virus Research</i> , 2009, 140, 155-160.	2.2	10
97	A 25bp-long insertional mutation in the BmVarp gene causes the waxy translucent skin of the silkworm, <i>Bombyx mori</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2009, 39, 287-293.	2.7	24
98	A <i>Bombyx mandarina</i> mutant exhibiting translucent larval skin is controlled by the molybdenum cofactor sulfurase gene. <i>Genes and Genetic Systems</i> , 2009, 84, 147-152.	0.7	8
99	Sex Chromosomes and Sex Determination in <i>Bombyx mori</i> . <i>Contemporary Topics in Entomology Series</i> , 2009, , .	0.3	2
100	Identification of the female-determining region of the W chromosome in <i>Bombyx mori</i> . <i>Genetica</i> , 2008, 133, 269-282.	1.1	41
101	Prominent down-regulation of storage protein genes after bacterial challenge in <i>eri</i> silkworm, <i>Samia cynthia ricini</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2008, 67, 9-19.	1.5	10
102	Functional analysis of four Gloverin-like genes in the silkworm, <i>Bombyx mori</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2008, 67, 87-96.	1.5	55
103	<i>yellow</i> and <i>ebony</i> Are the Responsible Genes for the Larval Color Mutants of the Silkworm <i>Bombyx mori</i> . <i>Genetics</i> , 2008, 180, 1995-2005.	2.9	126
104	WildSilkbase: An EST database of wild silkmoths. <i>BMC Genomics</i> , 2008, 9, 338.	2.8	38
105	Mapping of sex-linked genes onto the genome sequence using various aberrations of the Z chromosome in <i>Bombyx mori</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2008, 38, 1072-1079.	2.7	33
106	<i>Bombyx</i> small RNAs: Genomic defense system against transposons in the silkworm, <i>Bombyx mori</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2008, 38, 1058-1065.	2.7	41
107	Genome-wide survey for baculoviral host homologs using the <i>Bombyx</i> genome sequence. <i>Insect Biochemistry and Molecular Biology</i> , 2008, 38, 1080-1086.	2.7	40
108	The genome of a lepidopteran model insect, the silkworm <i>Bombyx mori</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2008, 38, 1036-1045.	2.7	592

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109	Identification of <i>Bombyx mori</i> 14-3-3 orthologs and the interactor Hsp60. <i>Neuroscience Research</i> , 2008, 61, 271-280.	1.9	22
110	The fibroblast growth factor homolog of <i>Bombyx mori</i> nucleopolyhedrovirus enhances systemic virus propagation in <i>B. mori</i> larvae. <i>Virus Research</i> , 2008, 137, 80-85.	2.2	15
111	Developmentally synchronized expression of two <i>Bombyx mori</i> Piwi subfamily genes, SIWI and BmAGO3 in germ-line cells. <i>Biochemical and Biophysical Research Communications</i> , 2008, 367, 755-760.	2.1	59
112	<i>Bombyx mori</i> nucleopolyhedrovirus SNF2 global transactivator homologue (Bm33) enhances viral pathogenicity in <i>B. mori</i> larvae. <i>Journal of General Virology</i> , 2008, 89, 3039-3046.	2.9	9
113	Deletion of a gene encoding an amino acid transporter in the midgut membrane causes resistance to a <i>Bombyx</i> parvo-like virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 7523-7527.	7.1	77
114	β-Fructofuranosidase Genes of the Silkworm, <i>Bombyx mori</i> . <i>Journal of Biological Chemistry</i> , 2008, 283, 15271-15279.	3.4	104
115	Establishment of a Novel In Vivo Sex-Specific Splicing Assay System To Identify a trans-Acting Factor That Negatively Regulates Splicing of <i>Bombyx mori</i> dsx Female Exons. <i>Molecular and Cellular Biology</i> , 2008, 28, 333-343.	2.3	71
116	A silkworm baculovirus model for assessing the therapeutic effects of antiviral compounds: characterization and application to the isolation of antivirals from traditional medicines. <i>Journal of General Virology</i> , 2008, 89, 188-194.	2.9	42
117	ERK- and JNK-Dependent Signaling Pathways Contribute to <i>Bombyx mori</i> Nucleopolyhedrovirus Infection. <i>Journal of Virology</i> , 2007, 81, 13700-13709.	3.4	109
118	Identification of differentially expressed host genes in <i>Bombyx mori</i> nucleopolyhedrovirus infected cells by using subtractive hybridization. <i>Applied Entomology and Zoology</i> , 2007, 42, 151-159.	1.2	26
119	Sex determination in the silkworm, <i>Bombyx mori</i> : A female determinant on the W chromosome and the sex-determining gene cascade. <i>Seminars in Cell and Developmental Biology</i> , 2007, 18, 379-388.	5.0	62
120	Mutational analysis of active site residues of chitinase from <i>Bombyx mori</i> nucleopolyhedrovirus. <i>Virus Research</i> , 2007, 124, 168-175.	2.2	30
121	SAGE analysis of early oogenesis in the silkworm, <i>Bombyx mori</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2007, 37, 147-154.	2.7	15
122	Rescue of white egg 1 mutant by introduction of the wild-type <i>Bombyx</i> kynurenine 3-monooxygenase gene. <i>Insect Science</i> , 2007, 14, 85-92.	3.0	17
123	Isolation and characterization of sex chromosome rearrangements generating male muscle dystrophy and female abnormal oogenesis in the silkworm, <i>Bombyx mori</i> . <i>Genetica</i> , 2007, 130, 267-280.	1.1	8
124	Functional characterization of chitinase from <i>Cydia pomonella</i> granulovirus. <i>Archives of Virology</i> , 2007, 152, 1655-1664.	2.1	13
125	Comparative studies of <i>Bombyx mori</i> nucleopolyhedrovirus chitinase and its host ortholog, BmChi-h. <i>Biochemical and Biophysical Research Communications</i> , 2006, 345, 825-833.	2.1	27
126	N-linked glycans of <i>Bombyx mori</i> nucleopolyhedrovirus fibroblast growth factor are crucial for its secretion. <i>Biochemical and Biophysical Research Communications</i> , 2006, 350, 1069-1075.	2.1	20

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