

Masashi Iwanaga

List of Publications by Year in descending order

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35
papers

1,098
citations

430442

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h-index

414034

32
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37
all docs

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docs citations

37
times ranked

1050
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide identification of cuticular protein genes in the silkworm, <i>Bombyx mori</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2008, 38, 1138-1146.	1.2	163
2	Conversion of carlactone to carlactonoic acid is a conserved function of <scp>MAX</scp>1 homologs in strigolactone biosynthesis. <i>New Phytologist</i> , 2018, 218, 1522-1533.	3.5	147
3	Novel Macula-Like Virus Identified in <i>Bombyx mori</i> Cultured Cells. <i>Journal of Virology</i> , 2005, 79, 5577-5584.	1.5	75
4	Expression profiling of baculovirus genes in permissive and nonpermissive cell lines. <i>Biochemical and Biophysical Research Communications</i> , 2004, 323, 599-614.	1.0	67
5	The BmChi-h gene, a bacterial-type chitinase gene of <i>Bombyx mori</i> , encodes a functional exochitinase that plays a role in the chitin degradation during the molting process. <i>Insect Biochemistry and Molecular Biology</i> , 2005, 35, 1112-1123.	1.2	59
6	FTZ-F1 and Broad-Complex positively regulate the transcription of the wing cuticle protein gene, BMWCP5, in wing discs of <i>Bombyx mori</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2009, 39, 624-633.	1.2	51
7	<i>Bombyx mori</i> Nucleopolyhedrovirus Encodes a DNA-Binding Protein Capable of Destabilizing Duplex DNA. <i>Journal of Virology</i> , 1998, 72, 3107-3116.	1.5	51
8	In vivo and in vitro analyses of a <i>Bombyx mori</i> nucleopolyhedrovirus mutant lacking functional vfgf. <i>Virology</i> , 2006, 355, 62-70.	1.1	50
9	Characterization of acyl-CoA-binding protein (ACBP) in the pheromone gland of the silkworm, <i>Bombyx mori</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2001, 31, 603-609.	1.2	47
10	Activation of BMWCP10 promoter and regulation by BR-C Z2 in wing disc of <i>Bombyx mori</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2009, 39, 615-623.	1.2	33
11	Ecdysone directly and indirectly regulates a cuticle protein gene, BMWCP10, in the wing disc of <i>Bombyx mori</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2010, 40, 453-459.	1.2	31
12	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.	0.6	26
13	Involvement of HSC70-4 and other inducible HSPs in <i>Bombyx mori</i> nucleopolyhedrovirus infection. <i>Virus Research</i> , 2014, 179, 113-118.	1.1	26
14	Transcriptome profiling reveals infection strategy of an insect maculavirus. <i>DNA Research</i> , 2018, 25, 277-286.	1.5	26
15	Characterization of <i>Bombyx mori</i> Nucleopolyhedrovirus orf68 Gene That Encodes a Novel Structural Protein of Budded Virus. <i>Virology</i> , 2002, 297, 39-47.	1.1	25
16	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.	1.0	23
17	20-hydroxyecdysone and juvenile hormone analog prevent precocious metamorphosis in recessive trimolter mutants of <i>Bombyx mori</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2012, 42, 102-108.	1.2	21
18	Purification and expression analysis of imaginal disc growth factor in the silkworm, <i>Bombyx mori</i> . <i>Journal of Insect Physiology</i> , 2009, 55, 1065-1071.	0.9	18

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19	Ecdysone-responsive transcription factors determine the expression region of target cuticular protein genes in the epidermis of <i>Bombyx mori</i> . <i>Development Genes and Evolution</i> , 2012, 222, 89-97.	0.4	17
20	Ecdysone-responsive transcriptional regulation determines the temporal expression of cuticular protein genes in wing discs of <i>Bombyx mori</i> . <i>Gene</i> , 2013, 512, 337-347.	1.0	17
21	Ecdysteroid promotes cell cycle progression in the <i>Bombyx</i> wing disc through activation of c-Myc. <i>Insect Biochemistry and Molecular Biology</i> , 2016, 70, 1-9.	1.2	16
22	Expression of matrix metalloproteinase genes during basement membrane degradation in the metamorphosis of <i>Bombyx mori</i> . <i>Gene</i> , 2018, 638, 26-35.	1.0	16
23	Establishment and characterization of the <i>Bombyx mandarina</i> cell line. <i>Journal of Invertebrate Pathology</i> , 2009, 101, 124-129.	1.5	14
24	Infection studies of nontarget mammalian cell lines with <i>Bombyx mori</i> macula-like virus. <i>Journal of Virological Methods</i> , 2016, 229, 24-26.	1.0	13
25	Expression profiles of cuticular protein genes in wing tissues during pupal to adult stages and the deduced adult cuticular structure of <i>Bombyx mori</i> . <i>Gene</i> , 2018, 646, 181-194.	1.0	11
26	Long-term adaptation of the <i>Bombyx mori</i> BmN4 cell line to grow in serum-free culture. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2014, 50, 792-796.	0.7	9
27	Identification of novel residues involved in nuclear localization of a baculovirus polyhedrin protein. <i>Virus Genes</i> , 2000, 21, 233-240.	0.7	7
28	Expression of recombinant proteins by BEVS in a macula-like virus-free silkworm cell line. <i>Journal of Invertebrate Pathology</i> , 2014, 123, 34-37.	1.5	7
29	Potential for small RNA production against <i>Bombyx mori</i> latent virus in <i>Bombyx mori</i> ovaries. <i>Archives of Insect Biochemistry and Physiology</i> , 2021, 106, e21761.	0.6	7
30	Whole-genome sequencing and comparative transcriptome analysis of <i>Bombyx mori</i> nucleopolyhedrovirus La strain. <i>Virus Genes</i> , 2020, 56, 249-259.	0.7	6
31	The angiotensin-converting enzyme (ACE) gene family of <i>Bombyx mori</i> . <i>Gene</i> , 2017, 608, 58-65.	1.0	5
32	Stage-specific activation of the E74B promoter by low ecdysone concentrations in the wing disc of <i>Bombyx mori</i> . <i>Gene</i> , 2014, 537, 322-327.	1.0	4
33	Infectious Virions of <i>Bombyx Mori</i> Latent Virus Are Incorporated into <i>Bombyx Mori</i> Nucleopolyhedrovirus Occlusion Bodies. <i>Viruses</i> , 2019, 11, 316.	1.5	3
34	Inactivation of <i>Bombyx mori</i> macula-like virus under physical conditions. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2016, 52, 265-270.	0.7	2
35	Cloning and characterization of carboxyl terminus of heat shock cognate 70-interacting protein gene from the silkworm, <i>Bombyx mori</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2016, 201, 29-36.	0.7	1