Masashi Iwanaga

List of Publications by Year
in descending order

35 papers	1,098 citations	430442 18 h-index	414034 32 g-index
37 all docs	37 docs citations	37 times ranked	1050 citing authors

#	Article	IF	Citations
1	Potential for small RNA production against Bombyx mori latent virus in Bombyx mori ovaries. Archives of Insect Biochemistry and Physiology, 2021, 106, e21761.	0.6	7
2	Whole-genome sequencing and comparative transcriptome analysis of Bombyx mori nucleopolyhedrovirus La strain. Virus Genes, 2020, 56, 249-259.	0.7	6
3	Infectious Virions of Bombyx Mori Latent Virus Are Incorporated into Bombyx Mori Nucleopolyhedrovirus Occlusion Bodies. Viruses, 2019, 11, 316.	1.5	3
4	Conversion of carlactone to carlactonoic acid is a conserved function of <scp>MAX</scp>1 homologs in strigolactone biosynthesis. New Phytologist, 2018, 218, 1522-1533.	3.5	147
5	Transcriptome profiling reveals infection strategy of an insect maculavirus. DNA Research, 2018, 25, 277-286.	1.5	26
6	Expression profiles of cuticular protein genes in wing tissues during pupal to adult stages and the deduced adult cuticular structure of Bombyx mori. Gene, 2018, 646, 181-194.	1.0	11
7	Expression of matrix metalloproteinase genes during basement membrane degradation in the metamorphosis of Bombyx mori. Gene, 2018, 638, 26-35.	1.0	16
8	The angiotensin-converting enzyme (ACE) gene family of Bombyx mori. Gene, 2017, 608, 58-65.	1.0	5
9	Cloning and characterization of carboxyl terminus of heat shock cognate 70-interacting protein gene from the silkworm, Bombyx mori. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2016, 201, 29-36.	0.7	1
10	Inactivation of Bombyx mori macula-like virus under physical conditions. In Vitro Cellular and Developmental Biology - Animal, 2016, 52, 265-270.	0.7	2
11	Ecdysteroid promotes cell cycle progression in the Bombyx wing disc through activation of c-Myc. Insect Biochemistry and Molecular Biology, 2016, 70, 1-9.	1.2	16
12	Infection studies of nontarget mammalian cell lines with Bombyx mori macula-like virus. Journal of Virological Methods, 2016, 229, 24-26.	1.0	13
13	Involvement of HSC70-4 and other inducible HSPs in Bombyx mori nucleopolyhedrovirus infection. Virus Research, 2014, 179, 113-118.	1.1	26
14	Stage-specific activation of the E74B promoter by low ecdysone concentrations in the wing disc of Bombyx mori. Gene, 2014, 537, 322-327.	1.0	4
15	Long-term adaptation of the Bombyx mori BmN4 cell line to grow in serum-free culture. In Vitro Cellular and Developmental Biology - Animal, 2014, 50, 792-796.	0.7	9
16	Expression of recombinant proteins by BEVS in a macula-like virus-free silkworm cell line. Journal of Invertebrate Pathology, 2014, 123, 34-37.	1.5	7
17	Ecdysone-responsive transcriptional regulation determines the temporal expression of cuticular protein genes in wing discs of Bombyx mori. Gene, 2013, 512, 337-347.	1.0	17
18	20-hydroxyecdysone and juvenile hormone analog prevent precocious metamorphosis in recessive trimolter mutants of Bombyx mori. Insect Biochemistry and Molecular Biology, 2012, 42, 102-108.	1.2	21

#	Article	IF	Citations
19	Ecdysone-responsive transcription factors determine the expression region of target cuticular protein genes in the epidermis of Bombyx mori. Development Genes and Evolution, 2012, 222, 89-97.	0.4	17
20	Infection study of Bombyx mori macula-like virus (BmMLV) using a BmMLV-negative cell line and an infectious cDNA clone. Journal of Virological Methods, 2012, 179, 316-324.	1.0	23
21	Ecdysone directly and indirectly regulates a cuticle protein gene, BMWCP10, in the wing disc of Bombyx mori. Insect Biochemistry and Molecular Biology, 2010, 40, 453-459.	1.2	31
22	Purification and expression analysis of imaginal disc growth factor in the silkworm, Bombyx mori. Journal of Insect Physiology, 2009, 55, 1065-1071.	0.9	18
23	Î²FTZ-F1 and Broad-Complex positively regulate the transcription of the wing cuticle protein gene, BMWCP5, in wing discs of Bombyx mori. Insect Biochemistry and Molecular Biology, 2009, 39, 624-633.	1.2	51
24	Activation of BMWCP10 promoter and regulation by BR-C Z2 in wing disc of Bombyx mori. Insect Biochemistry and Molecular Biology, 2009, 39, 615-623.	1.2	33
25	Establishment and characterization of the Bombyx mandarina cell line. Journal of Invertebrate Pathology, 2009, 101, 124-129.	1.5	14
26	Genome-wide identification of cuticular protein genes in the silkworm, Bombyx mori. Insect Biochemistry and Molecular Biology, 2008, 38, 1138-1146.	1.2	163
27	Identification of differentially expressed host genes in Bombyx mori nucleopolyhedrovirus infected cells by using subtractive hybridization. Applied Entomology and Zoology, 2007, 42, 151-159.	0.6	26
28	In vivo and in vitro analyses of a Bombyx mori nucleopolyhedrovirus mutant lacking functional vfgf. Virology, 2006, 355, 62-70.	1.1	50
29	Novel Macula-Like Virus Identified in Bombyx mori Cultured Cells. Journal of Virology, 2005, 79, 5577-5584.	1.5	75
30	The BmChi-h gene, a bacterial-type chitinase gene of Bombyx mori, encodes a functional exochitinase that plays a role in the chitin degradation during the molting process. Insect Biochemistry and Molecular Biology, 2005, 35, 1112-1123.	1.2	59
31	Expression profiling of baculovirus genes in permissive and nonpermissive cell lines. Biochemical and Biophysical Research Communications, 2004, 323, 599-614.	1.0	67
32	Characterization of Bombyx mori Nucleopolyhedrovirus orf68 Gene That Encodes a Novel Structural Protein of Budded Virus. Virology, 2002, 297, 39-47.	1.1	25
33	Characterization of acyl-CoA-binding protein (ACBP) in the pheromone gland of the silkworm, Bombyx mori. Insect Biochemistry and Molecular Biology, 2001, 31, 603-609.	1.2	47
34	Identification of novel residues involved in nuclear localization of a baculovirus polyhedrin protein. Virus Genes, 2000, 21, 233-240.	0.7	7
35	Bombyx mori Nucleopolyhedrovirus Encodes a DNA-Binding Protein Capable of Destabilizing Duplex DNA. Journal of Virology, 1998, 72, 3107-3116.	1.5	51