

# Katsuhiko Ito

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

645  
citations

759233

12  
h-index

580821

25  
g-index

28  
all docs

28  
docs citations

28  
times ranked

737  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Non-molting glossy shroud</i> encodes a short-chain dehydrogenase/reductase that functions in the "Black Box"™ of the ecdysteroid biosynthesis pathway. <i>Development (Cambridge)</i> , 2010, 137, 1991-1999.	2.5	163
2	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
3	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
4	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
5	Can the silkworm (&i>Bombyx mori&i>) be used as a human disease model?. <i>Drug Discoveries and Therapeutics</i> , 2016, 10, 3-8.	1.5	37
6	Insecticidal bacteria isolated from predatory larvae of the antlion species <i>Myrmeleon bore</i> (Neuroptera: Myrmeleontidae). <i>Journal of Invertebrate Pathology</i> , 2007, 96, 80-88.	3.2	35
7	Superoxide Dismutases, SOD1 and SOD2, Play a Distinct Role in the Fat Body during Pupation in Silkworm <i>Bombyx mori</i> . <i>PLoS ONE</i> , 2015, 10, e0116007.	2.5	35
8	Purification and functional characterization of insecticidal sphingomyelinase C produced by <i>Bacillus cereus</i> . <i>FEBS Journal</i> , 2004, 271, 601-606.	0.2	32
9	A 25bp-long insertional mutation in the <i>BmVarp</i> 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
10	Cloning and functional characterization of a fatty acid transport protein (FATP) from the pheromone gland of a lichen moth, <i>Eilema japonica</i> , which secretes an alkenyl sex pheromone. <i>Insect Biochemistry and Molecular Biology</i> , 2011, 41, 22-28.	2.7	18
11	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
12	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
13	Characterization and genome comparison of an Indian isolate of bidensovirus infecting the silkworm <i>Bombyx mori</i> . <i>Archives of Virology</i> , 2018, 163, 125-134.	2.1	13
14	Identification of functional enolase genes of the silkworm <i>Bombyx mori</i> from public databases with a combination of dry and wet bench processes. <i>BMC Genomics</i> , 2017, 18, 83.	2.8	12
15	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
16	Detailed investigation of the sequential pathological changes in silkworm larvae infected with <i>Bombyx</i> densovirus type 1. <i>Journal of Invertebrate Pathology</i> , 2013, 112, 213-218.	3.2	11
17	Non-susceptibility genes to <i>Bombyx</i> densovirus type 1, <i>Nid-1</i> and <i>nsd-1</i> , affect distinct steps of the viral infection pathway. <i>Journal of Invertebrate Pathology</i> , 2010, 103, 79-81.	3.2	10
18	Melanin pigmentation gives rise to black spots on the wings of the silkworm <i>Bombyx mori</i> . <i>Journal of Insect Physiology</i> , 2016, 91-92, 100-106.	2.0	10

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19	Gene expression and localization analysis of <i>Bombyx mori</i> bidensovirus and its putative receptor in <i>B. mori</i> midgut. <i>Journal of Invertebrate Pathology</i> , 2016, 136, 50-56.	3.2	10
20	Discovery of a disused desaturase gene from the pheromone gland of the moth <i>Ascotis selenaria</i> , which secretes an epoxyalkenyl sex pheromone. <i>Biochemical and Biophysical Research Communications</i> , 2013, 441, 849-855.	2.1	8
21	Decrease in the expression level of the gene encoding the putative <i>Bombyx mori</i> bidensovirus receptor during virus infection. <i>Archives of Virology</i> , 2018, 163, 3327-3338.	2.1	5
22	Host Response against Virus Infection in an Insect: Bidensovirus Infection Effect on Silkworm ( <i>Bombyx</i> ) Tj ETQq0 0,0rgBT /Overlock 10	5.1	5
23	Genetic characterisation of an Iflavirus associated with a vomiting disease in the Indian tropical tasar silkworm, <i>Antheraea mylitta</i> . <i>Virus Research</i> , 2022, 311, 198703.	2.2	5
24	Splice Variants of pH-Sensitive Chloride Channel Identify a Key Determinant of Ivermectin Sensitivity in the Larvae of the Silkworm <i>Bombyx mori</i> . <i>Molecular Pharmacology</i> , 2017, 92, 491-499.	2.3	4
25	An investigation into the effects of infection and ORF expression patterns of the Indian bidensovirus isolate (BmBDV) infecting the silkworm <i>Bombyx mori</i> . <i>VirusDisease</i> , 2022, 33, 76-83.	2.0	2
26	Pheromonal activities of the bombykol isomer, (10E,12E)-10,12-hexadecadien-1-ol, in the pheromone gland of the silkworm <i>Bombyx mori</i> . <i>Journal of Insect Physiology</i> , 2020, 121, 104018.	2.0	1
27	Title is missing!. <i>Comparative Endocrinology</i> , 2009, 35, 30-38.	0.1	0
28	Resistance mechanism of Nid-1, a dominant non-susceptibility gene, against <i>Bombyx mori</i> densovirus 1 infection. <i>Virus Research</i> , 2022, 318, 198849.	2.2	0