Haruka Endo

List of Publications by Year
in descending order

29 papers	660 citations	471509 17 h-index	642732 23 g-index
30 all docs	30 docs citations	30 times ranked	519 citing authors

#	Article	IF	Citations
1	Molecular and Kinetic Models for Pore Formation of Bacillus thuringiensis Cry Toxin. Toxins, 2022, 14, 433.	3.4	19
2	Ultrasensitive detection by maxillary palp neurons allows non-host recognition without consumption of harmful allelochemicals. Journal of Insect Physiology, 2021, 132, 104263.	2.0	3
3	Diet choice: The two-factor host acceptance system of silkworm larvae. PLoS Biology, 2020, 18, e3000828.	5.6	10
4	Diet choice: The two-factor host acceptance system of silkworm larvae. , 2020, 18, e3000828.		0
5	Diet choice: The two-factor host acceptance system of silkworm larvae. , 2020, 18, e3000828.		0
6	Diet choice: The two-factor host acceptance system of silkworm larvae. , 2020, 18, e3000828.		0
7	Diet choice: The two-factor host acceptance system of silkworm larvae. , 2020, 18, e3000828.		0
8	Diet choice: The two-factor host acceptance system of silkworm larvae. , 2020, 18, e3000828.		0
9	Diet choice: The two-factor host acceptance system of silkworm larvae. , 2020, 18, e3000828.		0
10	Function and Role of ATP-Binding Cassette Transporters as Receptors for 3D-Cry Toxins. Toxins, 2019, 11, 124.	3.4	47
11	Extracellular loop structures in silkworm ABCC transporters determine their specificities for Bacillus thuringiensis Cry toxins. Journal of Biological Chemistry, 2018, 293, 8569-8577.	3.4	31
12	Insect taste receptors relevant to host identification by recognition of secondary metabolite patterns of non-host plants. Biochemical and Biophysical Research Communications, 2018, 499, 901-906.	2.1	23
13	The intracellular region of silkworm cadherin-like protein is not necessary to mediate the toxicity of Bacillus thuringiensis Cry1Aa and Cry1Ab toxins. Insect Biochemistry and Molecular Biology, 2018, 94, 36-41.	2.7	9
14	Glucose, some amino acids and a plant secondary metabolite, chlorogenic acid induce the secretion of a regulatory hormone, tachykinin-related peptide, from the silkworm midgut. Peptides, 2018, 106, 21-27.	2.4	13
15	Role of Bacillus thuringiensis Cry1A toxins domains in the binding to the ABCC2 receptor from Spodoptera exigua. Insect Biochemistry and Molecular Biology, 2018, 101, 47-56.	2.7	21
16	Cry toxin specificities of insect ABCC transporters closely related to lepidopteran ABCC2 transporters. Peptides, 2017, 98, 86-92.	2.4	29
17	The domain II loops of Bacillus thuringiensis Cry1Aa form an overlapping interaction site for two Bombyx mori larvae functional receptors, ABC transporter C2 and cadherin-like receptor. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2017, 1865, 220-231.	2.3	31
18	Water influx via aquaporin directly determines necrotic cell death induced by the <i>Bacillus thuringiensis</i> Cry toxin. FEBS Letters, 2017, 591, 56-64.	2.8	25

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19	Bombyx mori ABC transporter C2 structures responsible for the receptor function of Bacillus thuringiensis Cry1Aa toxin. Insect Biochemistry and Molecular Biology, 2017, 91, 44-54.	2.7	30
20	Characterization of a ligand-gated cation channel based on an inositol receptor in the silkworm, Bombyx mori. Insect Biochemistry and Molecular Biology, 2016, 74, 12-20.	2.7	34
21	Expression of the fructose receptor BmGr9 and its involvement in the promotion of feeding, suggested by its co-expression with neuropeptide F1 in Bombyx mori. Insect Biochemistry and Molecular Biology, 2016, 75, 58-69.	2.7	36
22	Functional characterization of <i>Bacillus thuringiensis</i> Cry toxin receptors explains resistance in insects. FEBS Journal, 2016, 283, 4474-4490.	4.7	37
23	Single amino acid insertions in extracellular loop 2 of Bombyx mori ABCC2 disrupt its receptor function for Bacillus thuringiensis Cry1Ab and Cry1Ac but not Cry1Aa toxins. Peptides, 2016, 78, 99-108.	2.4	27
24	Expression of a sugar clade gustatory receptor, BmGr6, in the oral sensory organs, midgut, and central nervous system of larvae of the silkworm Bombyx mori. Insect Biochemistry and Molecular Biology, 2016, 70, 85-98.	2.7	28
25	Mechanisms of nodule-specific melanization in the hemocoel of the silkworm, Bombyx mori. Insect Biochemistry and Molecular Biology, 2016, 70, 10-23.	2.7	19
26	Affinity maturation of Cry1Aa toxin to the <i>Bombyx mori</i> cadherinâ€‘like receptor by directed evolution based on phage display and biopanning selections of domain <scp>II</scp> loop 2 mutant toxins. MicrobiologyOpen, 2014, 3, 568-577.	3.0	6
27	Factors functioning in nodule melanization of insects and their mechanisms of accumulation in nodules. Journal of Insect Physiology, 2014, 60, 40-49.	2.0	36
28	Affinity Maturation of Cry1Aa Toxin to the Bombyx mori Cadherin-Like Receptor by Directed Evolution. Molecular Biotechnology, 2013, 54, 888-899.	2.4	14
29	The <scp>ATP</scp>â€‘binding cassette transporter subfamily C member 2 in <i><scp>B</scp>ombyxÂmori</i> larvae is a functional receptor for <scp>C</scp>ry toxins from <i><scp>B</scp>acillusÂthuringiensis</i>. FEBS Journal, 2013, 280, 1782-1794.	4.7	131