Xingliang Wang

List of Publications by Year
in descending order

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16 papers	796 citations	759233 12 h-index	940533 16 g-index
16 all docs	16 docs citations	16 times ranked	652 citing authors

#	Article	IF	Citations
1	High Levels of Resistance to Chlorantraniliprole Evolved in Field Populations of <I>Plutella xylostella</I>. Journal of Economic Entomology, 2012, 105, 1019-1023.	1.8	190
2	Characterisation of fieldâ€evolved resistance to chlorantraniliprole in the diamondback moth, Plutella xylostella, from China. Pest Management Science, 2013, 69, 661-665.	3.4	119
3	Dominant point mutation in a tetraspanin gene associated with field-evolved resistance of cotton bollworm to transgenic Bt cotton. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 11760-11765.	7.1	116
4	Baseline Susceptibility of the Diamondback Moth (Lepidoptera: Plutellidae) to Chlorantraniliprole in China. Journal of Economic Entomology, 2010, 103, 843-848.	1.8	77
5	Molecular cloning, characterization and mRNA expression of a ryanodine receptor gene from diamondback moth, Plutella xylostella. Pesticide Biochemistry and Physiology, 2012, 102, 204-212.	3.6	53
6	Mutations on M3 helix of Plutella xylostella glutamate-gated chloride channel confer unequal resistance to abamectin by two different mechanisms. Insect Biochemistry and Molecular Biology, 2017, 86, 50-57.	2.7	46
7	CRISPR-Mediated Knockout of the ABCC2 Gene in Ostrinia furnacalis Confers High-Level Resistance to the Bacillus thuringiensis Cry1Fa Toxin. Toxins, 2020, 12, 246.	3.4	39
8	CRISPR/Cas9 mediated ryanodine receptor I4790M knockin confers unequal resistance to diamides in Plutella xylostella. Insect Biochemistry and Molecular Biology, 2020, 125, 103453.	2.7	32
9	Disruption of nicotinic acetylcholine receptor Î±6 mediated by CRISPR/Cas9 confers resistance to spinosyns in Plutella xylostella. Pest Management Science, 2020, 76, 1618-1625.	3.4	31
10	A three amino acid deletion in the transmembrane domain of the nicotinic acetylcholine receptor Î±6 subunit confers high-level resistance to spinosad in Plutella xylostella. Insect Biochemistry and Molecular Biology, 2016, 71, 29-36.	2.7	24
11	Dominant Inheritance of Field-Evolved Resistance to Fipronil inPlutella xylostella(Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Ove	1.8	23
12	Varying contributions of three ryanodine receptor point mutations to diamide insecticide resistance in Plutella xylostella. Pest Management Science, 2021, 77, 4874-4883.	3.4	21
13	Function and pharmacology of glutamate-gated chloride channel exon 9 splice variants from the diamondback moth Plutella xylostella. Insect Biochemistry and Molecular Biology, 2019, 104, 58-64.	2.7	10
14	Cadherin Protein Is Involved in the Action of Bacillus thuringiensis Cry1Ac Toxin in Ostrinia furnacalis. Toxins, 2021, 13, 658.	3.4	10
15	Complete mitochondrial genome of Pseudachorutes palmiensis (Collembola: Neanuridae). Mitochondrial DNA Part B: Resources, 2020, 5, 394-395.	0.4	3
16	Equivalent intensity but differential dominance of SCBI resistance conferred by F1845Y and V1848I mutations of the voltageâ€gated sodium channel in Plutella xylostella. Insect Science, 2022, , .	3.0	2