

Isabelle Darboux

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

872
citations

759233

12
h-index

888059

17
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17
all docs

17
docs citations

17
times ranked

984
citing authors

#	ARTICLE	IF	CITATIONS
1	Two genomes of highly polyphagous lepidopteran pests (<i>Spodoptera frugiperda</i> , Noctuidae) with different host-plant ranges. <i>Scientific Reports</i> , 2017, 7, 11816.	3.3	242
2	The receptor of <i>Bacillus sphaericus</i> binary toxin in <i>Culex pipiens</i> (Diptera: Culicidae) midgut: molecular cloning and expression. <i>Insect Biochemistry and Molecular Biology</i> , 2001, 31, 981-990.	2.7	133
3	Loss of the membrane anchor of the target receptor is a mechanism of bioinsecticide resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 5830-5835.	7.1	76
4	Venom gland extract is not required for successful parasitism in the polydnavirus-associated endoparasitoid <i>Hyposoter didymator</i> (Hym. Ichneumonidae) despite the presence of numerous novel and conserved venom proteins. <i>Insect Biochemistry and Molecular Biology</i> , 2013, 43, 292-307.	2.7	70
5	Transposon-mediated resistance to <i>Bacillus sphaericus</i> in a field-evolved population of <i>Culex pipiens</i> (Diptera: Culicidae). <i>Cellular Microbiology</i> , 2007, 9, 2022-2029.	2.1	67
6	A New Member of the Amiloride-Sensitive Sodium Channel Family in <i>Drosophila melanogaster</i> Peripheral Nervous System. <i>Biochemical and Biophysical Research Communications</i> , 1998, 246, 210-216.	2.1	50
7	Identification and characterization of the receptor for the <i>Bacillus sphaericus</i> binary toxin in the malaria vector mosquito, <i>Anopheles gambiae</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2008, 149, 419-427.	1.6	48
8	Amalgam is a ligand for the transmembrane receptor neurotactin and is required for neurotactin-mediated cell adhesion and axon fasciculation in <i>Drosophila</i> . <i>EMBO Journal</i> , 2000, 19, 4463-4472.	7.8	37
9	dGNaC1, a Gonad-specific Amiloride-sensitive Na ⁺ Channel. <i>Journal of Biological Chemistry</i> , 1998, 273, 9424-9429.	3.4	36
10	Extensive Transcription Analysis of the <i>Hyposoter didymator</i> Ichnovirus Genome in Permissive and Non-Permissive Lepidopteran Host Species. <i>PLoS ONE</i> , 2014, 9, e104072.	2.5	35
11	Lepidopteran transcriptome analysis following infection by phylogenetically unrelated polydnaviruses highlights differential and common responses. <i>Insect Biochemistry and Molecular Biology</i> , 2011, 41, 582-591.	2.7	22
12	The dual life of ichnoviruses. <i>Current Opinion in Insect Science</i> , 2019, 32, 47-53.	4.4	17
13	Multigenic Families in Ichnovirus: A Tissue and Host Specificity Study through Expression Analysis of Vankyrins from <i>Hyposoter didymator</i> Ichnovirus. <i>PLoS ONE</i> , 2011, 6, e27522.	2.5	13
14	Modulation of antiviral immunity by the ichnovirus HdIV in <i>Spodoptera frugiperda</i> . <i>Molecular Immunology</i> , 2019, 108, 89-101.	2.2	10
15	RNA interference identifies domesticated viral genes involved in assembly and trafficking of virus-derived particles in ichneumonid wasps. <i>PLoS Pathogens</i> , 2019, 15, e1008210.	4.7	9
16	Specificities of ichnoviruses associated with campoplegine wasps: genome, genes and role in host-parasitoid interaction. <i>Current Opinion in Insect Science</i> , 2014, 6, 44-51.	4.4	6