Xuechun Feng

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6957241/publications.pdf

Version: 2024-02-01

9 papers	247 citations	1307594 7 h-index	1474206 9 g-index
11 all docs	11 docs citations	11 times ranked	256 citing authors

#	Article	IF	Citations
1	Carboxylesterase genes in pyrethroid resistant house flies, Musca domestica. Insect Biochemistry and Molecular Biology, 2018, 92, 30-39.	2.7	62
2	A transcomplementing gene drive provides a flexible platform for laboratory investigation and potential field deployment. Nature Communications, 2020, 11, 352.	12.8	61
3	G-Protein Coupled Receptors (GPCRs): Signaling Pathways, Characterization, and Functions in Insect Physiology and Toxicology. International Journal of Molecular Sciences, 2021, 22, 5260.	4.1	32
4	Optimized CRISPR tools and site-directed transgenesis towards gene drive development in Culex quinquefasciatus mosquitoes. Nature Communications, 2021, 12, 2960.	12.8	25
5	Multiple cytochrome P450 genes: conferring high levels of permethrin resistance in mosquitoes, Culex quinquefasciatus. Scientific Reports, 2021, 11, 9041.	3.3	22
6	Beyond the eye: Kynurenine pathway impairment causes midgut homeostasis dysfunction and survival and reproductive costs in blood-feeding mosquitoes. Insect Biochemistry and Molecular Biology, 2022, 142, 103720.	2.7	15
7	Functional Analyses of House Fly Carboxylesterases Involved in Insecticide Resistance. Frontiers in Physiology, 2020, 11, 595009.	2.8	14
8	Evaluation of Gene Knockouts by CRISPR as Potential Targets for the Genetic Engineering of the Mosquito Culex quinquefasciatus. CRISPR Journal, 2021, 4, 595-608.	2.9	6
9	Functional Characterization of Carboxylesterases in Insecticide Resistant House Flies, Musca Domestica. Journal of Visualized Experiments, 2018, , .	0.3	5