Nongkran Lumjuan

List of Publications by Year
in descending order

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19 papers	1,407 citations	623188 14 h-index	794141 19 g-index
19 all docs	19 docs citations	19 times ranked	1566 citing authors

#	Article	IF	Citations
1	Novel real-time PCR assay detects widespread distribution of knock down resistance (kdr) mutations associated with pyrethroid resistance in the mosquito, Culex quinquefasciatus, in Thailand. Pesticide Biochemistry and Physiology, 2022, 186, 105172.	1.6	2
2	Efficacy of five commercial household insecticide aerosol sprays against pyrethroid resistant Aedes aegypti and Culex quinquefasciatus mosquitoes in Thailand. Pesticide Biochemistry and Physiology, 2021, 178, 104911.	1.6	4
3	Investigation of Relative Development and Reproductivity Fitness Cost in Three Insecticide-Resistant Strains of Aedes aegypti from Thailand. Insects, 2019, 10, 265.	1.0	28
4	Pyriproxyfen-Treated Polypropylene Sheets and Resting Boxes for Controlling Mosquitoes in Livestock Operations. Insects, 2019, 10, 55.	1.0	4
5	Biochemical Effects of Petroselinum crispum (Umbellifereae) Essential Oil on the Pyrethroid Resistant Strains of Aedes aegypti (Diptera: Culicidae). Insects, 2019, 10, 1.	1.0	97
6	Effect of Relaxation of Deltamethrin Pressure on Metabolic Resistance in a Pyrethroid-Resistant Aedes aegypti (Diptera: Culicidae) Strain Harboring Fixed P989P and G1016G kdr Alleles. Journal of Medical Entomology, 2018, 55, 975-981.	0.9	12
7	Characterization of metabolic detoxifying enzymes in an insecticide resistant strain of Aedes aegypti harboring homozygous S989P and V1016G kdr mutations. Medical Entomology and Zoology, 2017, 68, 19-26.	0.0	9
8	A multiplexÂPCR for detection of knockdown resistance mutations, V1016G and F1534C, in pyrethroid-resistant Aedes aegypti. Parasites and Vectors, 2017, 10, 465.	1.0	27
9	Additive effect of knockdown resistance mutations, S989P, V1016G and F1534C, in a heterozygous genotype conferring pyrethroid resistance in Aedes aegypti in Thailand. Parasites and Vectors, 2016, 9, 417.	1.0	78
10	Temporal frequency of knockdown resistance mutations, F1534C and V1016G, in Aedes aegypti in Chiang Mai city, Thailand and the impact of the mutations on the efficiency of thermal fogging spray with pyrethroids. Acta Tropica, 2016, 162, 125-132.	0.9	50
11	Insecticides resistance in the Culex quinquefasciatus populations from northern Thailand and possible resistance mechanisms. Acta Tropica, 2015, 149, 232-238.	0.9	31
12	Identification and Characterisation of Aedes aegypti Aldehyde Dehydrogenases Involved in Pyrethroid Metabolism. PLoS ONE, 2014, 9, e102746.	1.1	18
13	Detection of the V1016G mutation in the voltage-gated sodium channel gene of Aedes aegypti (Diptera:) Tj ETQq1 1 0.784314 rgBT / Thailand. Parasites and Vectors, 2013, 6, 253.	1.0	108
14	The role of the Aedes aegypti Epsilon glutathione transferases in conferring resistance to DDT and pyrethroid insecticides. Insect Biochemistry and Molecular Biology, 2011, 41, 203-209.	1.2	244
15	Enzymes-based resistant mechanism in pyrethroid resistant and susceptible Aedes aegypti strains from northern Thailand. Parasitology Research, 2011, 109, 531-537.	0.6	68
16	Genomic analysis of detoxification genes in the mosquito Aedes aegypti. Insect Biochemistry and Molecular Biology, 2008, 38, 113-123.	1.2	289
17	Structure of an insect epsilon class glutathione S-transferase from the malaria vector Anopheles gambiae provides an explanation for the high DDT-detoxifying activity. Journal of Structural Biology, 2008, 164, 228-235.	1.3	64
18	The Aedes aegypti glutathione transferase family. Insect Biochemistry and Molecular Biology, 2007, 37, 1026-1035.	1.2	106

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19	Elevated activity of an Epsilon class glutathione transferase confers DDT resistance in the dengue vector, Aedes aegypti. Insect Biochemistry and Molecular Biology, 2005, 35, 861-871.	1.2	168