

Nongkran Lumjuan

List of Publications by Year in descending order

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Version: 2024-02-01

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	Genomic analysis of detoxification genes in the mosquito <i>Aedes aegypti</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2008, 38, 113-123.	1.2	289
2	The role of the <i>Aedes aegypti</i> Epsilon glutathione transferases in conferring resistance to DDT and pyrethroid insecticides. <i>Insect Biochemistry and Molecular Biology</i> , 2011, 41, 203-209.	1.2	244
3	Elevated activity of an Epsilon class glutathione transferase confers DDT resistance in the dengue vector, <i>Aedes aegypti</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2005, 35, 861-871.	1.2	168
4	Detection of the V1016G mutation in the voltage-gated sodium channel gene of <i>Aedes aegypti</i> (Diptera: Tj ETQq0 0 0 rgBT /Overlock 1 Thailand. <i>Parasites and Vectors</i> , 2013, 6, 253.	1.0	108
5	The <i>Aedes aegypti</i> glutathione transferase family. <i>Insect Biochemistry and Molecular Biology</i> , 2007, 37, 1026-1035.	1.2	106
6	Biochemical Effects of <i>Petroselinum crispum</i> (Umbelliferae) Essential Oil on the Pyrethroid Resistant Strains of <i>Aedes aegypti</i> (Diptera: Culicidae). <i>Insects</i> , 2019, 10, 1.	1.0	97
7	Additive effect of knockdown resistance mutations, S989P, V1016G and F1534C, in a heterozygous genotype conferring pyrethroid resistance in <i>Aedes aegypti</i> in Thailand. <i>Parasites and Vectors</i> , 2016, 9, 417.	1.0	78
8	Enzymes-based resistant mechanism in pyrethroid resistant and susceptible <i>Aedes aegypti</i> strains from northern Thailand. <i>Parasitology Research</i> , 2011, 109, 531-537.	0.6	68
9	Structure of an insect epsilon class glutathione S-transferase from the malaria vector <i>Anopheles gambiae</i> provides an explanation for the high DDT-detoxifying activity. <i>Journal of Structural Biology</i> , 2008, 164, 228-235.	1.3	64
10	Temporal frequency of knockdown resistance mutations, F1534C and V1016G, in <i>Aedes aegypti</i> in Chiang Mai city, Thailand and the impact of the mutations on the efficiency of thermal fogging spray with pyrethroids. <i>Acta Tropica</i> , 2016, 162, 125-132.	0.9	50
11	Insecticides resistance in the <i>Culex quinquefasciatus</i> populations from northern Thailand and possible resistance mechanisms. <i>Acta Tropica</i> , 2015, 149, 232-238.	0.9	31
12	Investigation of Relative Development and Reproductivity Fitness Cost in Three Insecticide-Resistant Strains of <i>Aedes aegypti</i> from Thailand. <i>Insects</i> , 2019, 10, 265.	1.0	28
13	A multiplex-PCR for detection of knockdown resistance mutations, V1016G and F1534C, in pyrethroid-resistant <i>Aedes aegypti</i> . <i>Parasites and Vectors</i> , 2017, 10, 465.	1.0	27
14	Identification and Characterisation of <i>Aedes aegypti</i> Aldehyde Dehydrogenases Involved in Pyrethroid Metabolism. <i>PLoS ONE</i> , 2014, 9, e102746.	1.1	18
15	Effect of Relaxation of Deltamethrin Pressure on Metabolic Resistance in a Pyrethroid-Resistant <i>Aedes aegypti</i> (Diptera: Culicidae) Strain Harboring Fixed P989P and G1016G kdr Alleles. <i>Journal of Medical Entomology</i> , 2018, 55, 975-981.	0.9	12
16	Characterization of metabolic detoxifying enzymes in an insecticide resistant strain of <i>Aedes aegypti</i> harboring homozygous S989P and V1016G kdr mutations. <i>Medical Entomology and Zoology</i> , 2017, 68, 19-26.	0.0	9
17	Pyriproxyfen-Treated Polypropylene Sheets and Resting Boxes for Controlling Mosquitoes in Livestock Operations. <i>Insects</i> , 2019, 10, 55.	1.0	4
18	Efficacy of five commercial household insecticide aerosol sprays against pyrethroid resistant <i>Aedes aegypti</i> and <i>Culex quinquefasciatus</i> mosquitoes in Thailand. <i>Pesticide Biochemistry and Physiology</i> , 2021, 178, 104911.	1.6	4

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19	Novel real-time PCR assay detects widespread distribution of knock down resistance (kdr) mutations associated with pyrethroid resistance in the mosquito, <i>Culex quinquefasciatus</i> , in Thailand. <i>Pesticide Biochemistry and Physiology</i> , 2022, 186, 105172.	1.6	2