Ameya D Gondhalekar

List of Publications by Year
in descending order

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22	642	777949 13	799663 21
papers	citations	h-index	g-index

22	22	22	974
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Characterization of heat exposureâ€associated escape behaviors and <scp>HSP</scp> gene expression in bed bugs (<scp>Cimex lectularius</scp> L.). Pest Management Science, 2022, 78, 205-216.	1.7	6
2	Plant essential oil constituents enhance deltamethrin toxicity in a resistant population of bed bugs (Cimex lectularius L.) by inhibiting cytochrome P450 enzymes. Pesticide Biochemistry and Physiology, 2021, 175, 104829.	1.6	26
3	A Review of Alternative Management Tactics Employed for the Control of Various Cockroach Species (Order: Blattodea) in the USA. Insects, 2021, 12, 550.	1.0	17
4	Transcriptome Responses to Defined Insecticide Selection Pressures in the German Cockroach (Blattella germanica L.). Frontiers in Physiology, 2021, 12, 816675.	1.3	7
5	Bed bugs, Cimex lectularius L., exhibiting metabolic and target site deltamethrin resistance are susceptible to plant essential oils. Pesticide Biochemistry and Physiology, 2020, 169, 104667.	1.6	21
6	Synergistic Toxicity Interactions between Plant Essential Oil Components against the Common Bed Bug (Cimex lectularius L.). Insects, 2020, 11, 133.	1.0	24
7	Determining baseline toxicity of ozone against an insecticideâ€susceptible strain of the common bed bug, <scp>Cimex lectularius</scp> L. under laboratory conditions. Pest Management Science, 2020, 76, 3108-3116.	1.7	4
8	2018 Highlights of Urban Entomology. Journal of Medical Entomology, 2019, 56, 1188-1193.	0.9	5
9	Rapid evolutionary responses to insecticide resistance management interventions by the German cockroach (Blattella germanica L.). Scientific Reports, 2019, 9, 8292.	1.6	45
10	Toxicity and neurophysiological impacts of plant essential oil components on bed bugs (Cimicidae:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.6	66
11	Bed bugs (Cimex lectularius L.) exhibit limited ability to develop heat resistance. PLoS ONE, 2019, 14, e0211677.	1.1	12
12	RNA interference and functional characterization of a tergal gland alpha amylase in the German cockroach, Blattella germanica L.. Insect Molecular Biology, 2018, 27, 143-153.	1.0	11
13	Detection of Reduced Susceptibility to Chlorfenapyr- and Bifenthrin-Containing Products in Field Populations of the Bed Bug (Hemiptera: Cimicidae). Journal of Economic Entomology, 2017, 110, 1195-1202.	0.8	25
14	Development of Diagnostic Insecticide Concentrations and Assessment of Insecticide Susceptibility in German Cockroach (Dictyoptera: Blattellidae) Field Strains Collected From Public Housing. Journal of Economic Entomology, 2017, 110, 1210-1217.	0.8	27
15	Using research and education to implement practical bed bug control programs in multifamily housing. Pest Management Science, 2016, 72, 8-14.	1.7	39
16	Indoxacarb biotransformation in the German cockroach. Pesticide Biochemistry and Physiology, 2016, 134, 14-23.	1.6	19
17	Unique features of a global human ectoparasite identified through sequencing of the bed bug genome. Nature Communications, 2016, 7, 10165.	5.8	184
18	Toxicity of Turmeric Extracts to the TermiteReticulitermes flavipes(Blattodea: Rhinotermitidae). Journal of Economic Entomology, 2015, 108, 1479-1485.	0.8	8

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19	Implementation of an Indoxacarb Susceptibility Monitoring Program Using Field-Collected German Cockroach Isolates From the United States. Journal of Economic Entomology, 2013, 106, 945-953.	0.8	16
20	Mechanisms Underlying Fipronil Resistance in a Multiresistant Field Strain of the German Cockroach (Blattodea: Blattellidae). Journal of Medical Entomology, 2012, 49, 122-131.	0.9	49
21	Development of strategies for monitoring indoxacarb and gel bait susceptibility in the German cockroach (Blattodea: Blattellidae). Pest Management Science, 2011, 67, 262-270.	1.7	29
22	Expression profiles of an inactive aspartic protease (Bla g 2 allergen) in different tissues and developmental stages of the German cockroach (Blattella germanica). Archives of Insect Biochemistry and Physiology, 0, , .	0.6	2