

Muhammad Binyameen

List of Publications by Year in descending order

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papers

665
citations

623734

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docs citations

29
times ranked

643
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional evolution of Lepidoptera olfactory receptors revealed by deorphanization of a moth repertoire. <i>Nature Communications</i> , 2017, 8, 15709.	12.8	154
2	Spatial Organization of Antennal Olfactory Sensory Neurons in the Female <i>Spodoptera littoralis</i> Moth: Differences in Sensitivity and Temporal Characteristics. <i>Chemical Senses</i> , 2012, 37, 613-629.	2.0	61
3	Chemical composition and repellent activity of native plants essential oils against dengue mosquito, <i>Aedes aegypti</i> . <i>Industrial Crops and Products</i> , 2019, 140, 111609.	5.2	48
4	Attraction Modulated by Spacing of Pheromone Components and Anti-attractants in a Bark Beetle and a Moth. <i>Journal of Chemical Ecology</i> , 2011, 37, 899-911.	1.8	40
5	Styrene, (+)-trans-(1R,4S,5S)-4-Thujanol and Oxygenated Monoterpenes Related to Host Stress Elicit Strong Electrophysiological Responses in the Bark Beetle <i>Ips typographus</i> . <i>Journal of Chemical Ecology</i> , 2019, 45, 474-489.	1.8	36
6	Concurrent modulation of neuronal and behavioural olfactory responses to sex and host plant cues in a male moth. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20141884.	2.6	35
7	Flight Dispersal Capabilities of Female Spotted Lanternflies (<i>Lycorma delicatula</i>) Related to Size and Mating Status. <i>Journal of Insect Behavior</i> , 2019, 32, 188-200.	0.7	32
8	Toxicity of 25 synthetic insecticides to the field population of <i>Culex quinquefasciatus</i> Say. <i>Parasitology Research</i> , 2016, 115, 4345-4351.	1.6	31
9	Assessment of resistance risk to fipronil and cross resistance to other insecticides in the <i>Musca domestica</i> L. (Diptera: Muscidae). <i>Veterinary Parasitology</i> , 2016, 223, 71-76.	1.8	28
10	Co-localization of insect olfactory sensory cells improves the discrimination of closely separated odour sources. <i>Functional Ecology</i> , 2014, 28, 1216-1223.	3.6	27
11	Modulation of Reproductive Behaviors by Non-Host Volatiles in the Polyphagous Egyptian Cotton Leafworm, <i>Spodoptera littoralis</i> . <i>Journal of Chemical Ecology</i> , 2013, 39, 1273-1283.	1.8	23
12	Effects of different animal manures on attraction and reproductive behaviors of common house fly, <i>Musca domestica</i> L. <i>Parasitology Research</i> , 2016, 115, 3585-3598.	1.6	22
13	Fitness cost, realized heritability and stability of resistance to spiromesifen in house fly, <i>Musca domestica</i> L. (Diptera: Muscidae). <i>Pesticide Biochemistry and Physiology</i> , 2020, 168, 104648.	3.6	22
14	Identification of Plant Semiochemicals and Characterization of New Olfactory Sensory Neuron Types in a Polyphagous Pest Moth, <i>Spodoptera littoralis</i> . <i>Chemical Senses</i> , 2014, 39, 719-733.	2.0	19
15	Resistance in field populations of <i>Amrasca devastans</i> (Hemiptera: Cicadellidae) to new insecticides in Southern Punjab, Pakistan. <i>Phytoparasitica</i> , 2018, 46, 533-539.	1.2	15
16	Selection, Realized Heritability, and Fitness Cost Associated With Dimethoate Resistance in a Field Population of <i>Culex quinquefasciatus</i> (Diptera: Culicidae). <i>Journal of Economic Entomology</i> , 2017, 110, 1252-1258.	1.8	14
17	Characterization of inheritance and preliminary biochemical mechanisms of spirotetramat resistance in <i>Phenacoccus solenopsis</i> Tinsley: An economic pest from Pakistan. <i>Pesticide Biochemistry and Physiology</i> , 2019, 156, 29-35.	3.6	10
18	Assessment of field evolved resistance to some broad-spectrum insecticides in cotton jassid, <i>Amrasca devastans</i> from southern Punjab, Pakistan. <i>Phytoparasitica</i> , 2018, 46, 411-419.	1.2	8

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19	Mosquito Repellent Potential of <i>Carpesium abrotanoides</i> Essential Oil and Its Main Components Against a Dengue Vector, <i>Aedes aegypti</i> (Diptera: Culicidae). Journal of Medical Entomology, 2022, 59, 801-809.	1.8	8
20	Trichlorfon resistance: its stability and impacts on biological parameters of <i>Bactrocera zonata</i> (Diptera: Tephritidae). Applied Entomology and Zoology, 2021, 56, 473-482.	1.2	7
21	Eugenol, a Plant Volatile, Synergizes the Effect of the Thrips Attractant, Ethyl Iso-Nicotinate. Environmental Entomology, 2018, 47, 1560-1564.	1.4	6
22	Plant Volatiles and Their Role in Insect Olfaction. , 2021, , 127-156.		5
23	Larval Habitat Substrates Could Affect the Biology and Vectorial Capacity of <i>Culex quinquefasciatus</i> (Diptera: Culicidae). Journal of Medical Entomology, 2016, 54, t1jw211.	1.8	4
24	Role of fruit volatiles of different guava varieties in attraction and oviposition behaviors of peach fruit fly, <i>Bactrocera zonata</i> Saunders. Arthropod-Plant Interactions, 2021, 15, 95-106.	1.1	4
25	Fungal diversity and frequency carried by housefly (<i>Musca domestica</i> L.) and their relation with stored grains in rural areas of Pakistan. Journal of Food Safety, 2018, 38, e12508.	2.3	2
26	Effects of interspecific competition between <i>Aedes aegypti</i> and <i>Culex quinquefasciatus</i> on their life history traits. International Journal of Tropical Insect Science, 2022, 42, 629-635.	1.0	2
27	Influence of Frequently Used Chemical Insecticides on Mycoflora Carried by Common Housefly, <i>Musca domestica</i> L.. International Microbiology, 2018, 21, 121-128.	2.4	1
28	Taxonomy and distribution of agriculturally important plusiinae (Lepidoptera: Noctuidae) from southern Punjab, Pakistan. Saudi Journal of Biological Sciences, 2021, 28, 5720-5727.	3.8	1
29	Impact of Farm Management Practices on Downy Mildew Disease of Cucumber in High Tunnels. International Journal of Phytopathology, 2020, 9, 179-186.	0.5	0