

Muhammad Binyameen

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

665
citations

623734

14
h-index

610901

24
g-index

29
all docs

29
docs citations

29
times ranked

643
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Effects of interspecific competition between <i>Aedes aegypti</i> and <i>Culex quinquefasciatus</i> on their life history traits. <i>International Journal of Tropical Insect Science</i> , 2022, 42, 629-635. | 1.0 | 2 |
| 2 | Mosquito Repellent Potential of <i>Carpesium abrotanoides</i> Essential Oil and Its Main Components Against a Dengue Vector, <i>Aedes aegypti</i> (Diptera: Culicidae). <i>Journal of Medical Entomology</i> , 2022, 59, 801-809. | 1.8 | 8 |
| 3 | Plant Volatiles and Their Role in Insect Olfaction. , 2021, , 127-156. | | 5 |
| 4 | Role of fruit volatiles of different guava varieties in attraction and oviposition behaviors of peach fruit fly, <i>Bactrocera zonata</i> Saunders. <i>Arthropod-Plant Interactions</i> , 2021, 15, 95-106. | 1.1 | 4 |
| 5 | Trichlorfon resistance: its stability and impacts on biological parameters of <i>Bactrocera zonata</i> (Diptera: Tephritidae). <i>Applied Entomology and Zoology</i> , 2021, 56, 473-482. | 1.2 | 7 |
| 6 | Taxonomy and distribution of agriculturally important plusiinae (Lepidoptera: Noctuidae) from southern Punjab, Pakistan. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 5720-5727. | 3.8 | 1 |
| 7 | 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 |
| 8 | Impact of Farm Management Practices on Downy Mildew Disease of Cucumber in High Tunnels. <i>International Journal of Phytopathology</i> , 2020, 9, 179-186. | 0.5 | 0 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | Eugenol, a Plant Volatile, Synergizes the Effect of the Thrips Attractant, Ethyl Iso-Nicotinate. <i>Environmental Entomology</i> , 2018, 47, 1560-1564. | 1.4 | 6 |
| 14 | 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 |
| 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 | Fungal diversity and frequency carried by housefly (<i>Musca domestica</i> L.) and their relation with stored grains in rural areas of Pakistan. <i>Journal of Food Safety</i> , 2018, 38, e12508. | 2.3 | 2 |
| 17 | Influence of Frequently Used Chemical Insecticides on Mycoflora Carried by Common Housefly, <i>Musca domestica</i> L.. <i>International Microbiology</i> , 2018, 21, 121-128. | 2.4 | 1 |
| 18 | Functional evolution of Lepidoptera olfactory receptors revealed by deorphanization of a moth repertoire. <i>Nature Communications</i> , 2017, 8, 15709. | 12.8 | 154 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | 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 |
| 20 | Larval Habitat Substrates Could Affect the Biology and Vectorial Capacity of <i>Culex quinquefasciatus</i> (Diptera: Culicidae). <i>Journal of Medical Entomology</i> , 2016, 54, tjjw211. | 1.8 | 4 |
| 21 | 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 |
| 22 | 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 |
| 23 | 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 |
| 24 | 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 |
| 25 | 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 |
| 26 | 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 |
| 27 | 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 |
| 28 | 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 |
| 29 | 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 |