Muhammad Qasim

List of Publications by Year
in descending order

55 papers	1,322 citations	331670 21 h-index	395702 33 g-index
56 all docs	56 docs citations	56 times ranked	1381 citing authors

#	Article	IF	Citations
1	Prospects of endophytic fungal entomopathogens as biocontrol and plant growth promoting agents: An insight on how artificial inoculation methods affect endophytic colonization of host plants. Microbiological Research, 2018, 217, 34-50.	5.3	95
2	Plant Responses to Pathogen Attack: Small RNAs in Focus. International Journal of Molecular Sciences, 2018, 19, 515.	4.1	74
3	Role of Saponins in Plant Defense Against Specialist Herbivores. Molecules, 2019, 24, 2067.	3.8	74
4	Insect-fungal-interactions: A detailed review on entomopathogenic fungi pathogenicity to combat insect pests. Microbial Pathogenesis, 2021, 159, 105122.	2.9	74
5	Endophytic entomopathogenic fungi enhance the growth of Phaseolus vulgaris L. (Fabaceae) and negatively affect the development and reproduction of Tetranychus urticae Koch (Acari:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	2.9	72
6	Plant-insect-microbe interaction: A love triangle between enemies in ecosystem. Science of the Total Environment, 2020, 699, 134181.	8.0	67
7	Structural diversity and functional variability of gut microbial communities associated with honey bees. Microbial Pathogenesis, 2020, 138, 103793.	2.9	51
8	Plant microRNAs: Front line players against invading pathogens. Microbial Pathogenesis, 2018, 118, 9-17.	2.9	48
9	Role of Insect Gut Microbiota in Pesticide Degradation: A Review. Frontiers in Microbiology, 2022, 13, 870462.	3.5	47
10	Host-Pathogen interactions modulated by small RNAs. RNA Biology, 2017, 14, 891-904.	3.1	46
11	Temperature-dependent development of Asian citrus psyllid on various hosts, and mortality by two strains of Isaria. Microbial Pathogenesis, 2018, 119, 109-118.	2.9	44
12	Saponin toxicity as key player in plant defense against pathogens. Toxicon, 2021, 193, 21-27.	1.6	42
13	Effects of different temperature regimes on survival of Diaphorina citri and its endosymbiotic bacterial communities. Environmental Microbiology, 2017, 19, 3439-3449.	3.8	39
14	Management of Tobacco Mosaic Virus through Natural Metabolites. Records of Natural Products, 2018, 12, 403-415.	1.3	36
15	The Herbivore-Induced Plant Volatiles Methyl Salicylate and Menthol Positively affect Growth and Pathogenicity of Entomopathogenic Fungi. Scientific Reports, 2017, 7, 40494.	3.3	34
16	Effects of Seedling Age on Colonization Patterns of Citrus limon Plants by Endophytic Beauveria bassiana and Metarhizium anisopliae and Their Influence on Seedlings Growth. Journal of Fungi (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.5	29
17	Endophytic Beauveria bassiana in Foliar-Treated Citrus limon Plants Acting as a Growth Suppressor to Three Successive Generations of Diaphorina citri Kuwayama (Hemiptera: Liviidae). Insects, 2019, 10, 176.	2.2	28
18	Volatiles from Plants Induced by Multiple Aphid Attacks Promote Conidial Performance of Lecanicillium lecanii. PLoS ONE, 2016, 11, e0151844.	2.5	28

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19	A nation-wide genetic survey revealed a complex population structure of Bemisia tabaci in Pakistan. Acta Tropica, 2018, 183, 119-125.	2.0	27
20	Sub-lethal effects of lufenuron exposure on spotted bollworm Earias vittella (Fab): key biological traits and detoxification enzymes activity. Environmental Science and Pollution Research, 2019, 26, 14300-14312.	5.3	27
21	Impact of landfill garbage on insect ecology and human health. Acta Tropica, 2020, 211, 105630.	2.0	24
22	Bemisia tabaci-mediated facilitation in diversity of begomoviruses: Evidence from recent molecular studies. Microbial Pathogenesis, 2018, 123, 162-168.	2.9	23
23	Characterization of mycotoxins from entomopathogenic fungi (Cordyceps fumosorosea) and their toxic effects to the development of asian citrus psyllid reared on healthy and diseased citrus plants. Toxicon, 2020, 188, 39-47.	1.6	21
24	Host-pathogen interaction between Asian citrus psyllid and entomopathogenic fungus (Cordyceps) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 population of the host. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2021, 248, 109112.	2.6	20
25	Expression and functional analysis of P450 gene induced tolerance/resistance to lambda-cyhalothrin in quercetin fed larvae of beet armyworm Spodoptera exigua (HÃ¼bner). Saudi Journal of Biological Sciences, 2020, 27, 77-87.	3.8	18
26	Investigation and molecular docking studies of Bassianolide from Lecanicillium lecanii against Plutella xylostella (Lepidoptera: Plutellidae). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2018, 206-207, 65-72.	2.6	17
27	Functional characterization of Mitogen-Activated Protein Kinase Kinase (MAPKK) gene in Halophytic Salicornia europaea against salt stress. Environmental and Experimental Botany, 2020, 171, 103934.	4.2	17
28	Phylogenetic relationship and genetic diversity of citrus psyllid populations from China and Pakistan and their associated Candidatus bacterium. Molecular Phylogenetics and Evolution, 2018, 126, 173-180.	2.7	16
29	Enhanced effects of dietary tannic acid with chlorantraniliprole on life table parameters and nutritional physiology of Spodoptera exigua (HÃ¼bner). Pesticide Biochemistry and Physiology, 2019, 155, 108-118.	3.6	16
30	Prevalence of bee viruses in Apis cerana cerana populations from different locations in the Fujian Province of China. MicrobiologyOpen, 2019, 8, e00830.	3.0	16
31	Genetic interaction and diversity of the families Libellulidae and Gomphidae through COI gene from China and Pakistan. Acta Tropica, 2018, 182, 92-99.	2.0	15
32	Comparative bio-efficacy of nuclear polyhedrosis virus (NPV) and Spinosad against American bollwormm, Helicoverpa armigera (Hubner). Revista Brasileira De Entomologia, 2019, 63, 277-282.	0.4	14
33	Spike glycoproteins: Their significance for corona viruses and receptor binding activities for pathogenesis and viral survival. Microbial Pathogenesis, 2021, 150, 104719.	2.9	12
34	Insectsâ€“plants-pathogens: Toxicity, dependence and defense dynamics. Toxicon, 2021, 197, 87-98.	1.6	12
35	The Roles of DNA Methyltransferases 1 (DNMT1) in Regulating Sexual Dimorphism in the Cotton Mealybug, Phenacoccus solenopsis. Insects, 2020, 11, 121.	2.2	10
36	Molecular characterization and phylogenetic analysis of anopheline (Anophelinae: Culicidae) mosquitoes of the Oriental and Afrotropical Zoogeographic zones in Saudi Arabia. Acta Tropica, 2020, 207, 105494.	2.0	10

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37	Saponins in Insect Pest Control. Reference Series in Phytochemistry, 2020, , 897-924.	0.4	9
38	Comparative pathogenicity of four entomopathogenic fungal species against nymphs and adults of citrus red mite on the citrus plantation. International Journal of Tropical Insect Science, 2021, 41, 737-749.	1.0	9
39	Phyto-derivatives: an efficient eco-friendly way to manage Trogoderma granarium (Everts) (Coleoptera: Dermestidae). International Journal of Tropical Insect Science, 2021, 41, 915-926.	1.0	9
40	In-vitro assessment of food consumption, utilization indices and losses promises of leafworm, Spodoptera litura (Fab.), on okra crop. Journal of Asia-Pacific Entomology, 2020, 23, 60-66.	0.9	8
41	Molecular characterization of pathogenesis involving the GAS 1 gene from Entomopathogenic fungus Lecanicillium lecanii and its virulence against the insect host Diaphorina citri. Pesticide Biochemistry and Physiology, 2019, 157, 99-107.	3.6	7
42	Diamondback Moth Larvae Trigger Host Plant Volatiles that Lure Its Adult Females for Oviposition. Insects, 2020, 11, 725.	2.2	7
43	Genetic diversity of the families Aeshnidae, Gomphidae and Libellulidae through COI gene from South China. Acta Tropica, 2018, 185, 273-279.	2.0	6
44	Screening of different legumes for the developmental preference of Callosobruchus maculatus (Bruchidae: Coleoptera). International Journal of Tropical Insect Science, 2021, 41, 3129-3136.	1.0	4
45	Management of house fly, Musca domestica L. (Muscidae: Diptera), through botanical baits. Revista Brasileira De Entomologia, 2020, 64, .	0.4	4
46	Comparative low lethal effects of three insecticides on demographical traits and enzyme activity of the Spodoptera exigua (HÃ¼bner). Environmental Science and Pollution Research, 2022, 29, 60198-60211.	5.3	4
47	TH1/TH2 chemokines/cytokines profile in rats treated with tetanus toxoid and Euphorbia tirucalli. Saudi Journal of Biological Sciences, 2019, 26, 1716-1723.	3.8	3
48	Molecular identification of seven new Zygopteran genera from South China through partial cytochrome oxidase subunit I (COI) gene. Meta Gene, 2020, 25, 100739.	0.6	2
49	Host-age effects and the efficiency of the pupal parasitoid Dirhinus giffardii (Silvestri, 1913) (Hymenoptera: Chalcididae) against the melon fly Bactrocera cucurbitae (Coquillett, 1849) (Diptera:) Tj ETQq1 1 0.784314 rgBT /Ove	0.7	2
50	Association between Temperature and Reproductive Fitness of Diaphorina citri Infected with Candidatus Liberibacter Asiaticus. Agronomy, 2022, 12, 815.	3.0	2
51	Genetic engineering and bacterial pathogenesis against the vectorial capacity of mosquitoes. Microbial Pathogenesis, 2020, 147, 104391.	2.9	1
52	Saponins in Insect Pest Control. Reference Series in Phytochemistry, 2020, , 1-28.	0.4	1
53	Genetic Diversity of Tamarixia radiata Populations and Their Associated Endosymbiont Wolbachia Species from China. Agronomy, 2021, 11, 2018.	3.0	1
54	Resistance Assessment of Different Cultivars of Okra (Abelmoschus esculentus) Against Whitefly (Bemisia tabaci). Gesunde Pflanzen, 2020, 72, 361-369.	3.0	0

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55	Optimizing Planting Time for Some Selected Commercial Gladiolus Cultivars under Agro-Climatic Conditions of Faisalabad, Pakistan. Journal of Horticultural Science & Technology, 2018, , 21-27.	0.3	0