

Muhammad Ashfaq

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,104
citations

361045

20
h-index

433756

31
g-index

51
all docs

51
docs citations

51
times ranked

1438
citing authors

#	ARTICLE	IF	CITATIONS
1	Analyzing Mosquito (Diptera: Culicidae) Diversity in Pakistan by DNA Barcoding. PLoS ONE, 2014, 9, e97268.	1.1	110
2	Cloning and nucleotide sequencing of three heat shock protein genes (hsp90,hsc70, andhsp19.5) from the diamondback moth,Plutella xylostella (L.) and their expression in relation to developmental stage and temperature. Archives of Insect Biochemistry and Physiology, 2006, 62, 80-90.	0.6	88
3	DNA Barcoding of Bemisia tabaci Complex (Hemiptera: Aleyrodidae) Reveals Southerly Expansion of the Dominant Whitefly Species on Cotton in Pakistan. PLoS ONE, 2014, 9, e104485.	1.1	67
4	An independent occurrence of the chimeric P450 enzyme CYP337B3 of Helicoverpa armigera confers cypermethrin resistance in Pakistan. Insect Biochemistry and Molecular Biology, 2014, 53, 54-65.	1.2	59
5	DNA barcodes for bio-surveillance: regulated and economically important arthropod plant pests. Genome, 2016, 59, 933-945.	0.9	57
6	DNA Barcode Analysis of Thrips (Thysanoptera) Diversity in Pakistan Reveals Cryptic Species Complexes. PLoS ONE, 2016, 11, e0146014.	1.1	50
7	Use of Recombinant Tobacco Mosaic Virus To Achieve RNA Interference in Plants against the Citrus Mealybug, Planococcus citri (Hemiptera: Pseudococcidae). PLoS ONE, 2013, 8, e73657.	1.1	41
8	High diversity and rapid diversification in the head louse, Pediculus humanus (Pediculidae:). Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td	1.6	41
9	DNA barcode analysis of butterfly species from P akistan points towards regional endemism. Molecular Ecology Resources, 2013, 13, 832-843.	2.2	38
10	Methionine-rich storage protein gene in the rice stem borer, Chilo suppressalis, is expressed during diapause in response to cold acclimation. Insect Molecular Biology, 2006, 15, 853-859.	1.0	35
11	Estimating parasitism levels inLygusspp. (Hemiptera: Miridae) field populations using standard and molecular techniques. Biocontrol Science and Technology, 2004, 14, 731-735.	0.5	33
12	Mapping global biodiversity connections with DNA barcodes: Lepidoptera of Pakistan. PLoS ONE, 2017, 12, e0174749.	1.1	30
13	Evaluation of potential RNAâ€interferenceâ€target genes to control cotton mealybug, <i>Phenacoccus solenopsis</i> (Hemiptera: Pseudococcidae). Insect Science, 2018, 25, 778-786.	1.5	30
14	Developmental and tissue-specific expression of CHS1 from Plutella xylostella and its response to chlorfluazuron. Pesticide Biochemistry and Physiology, 2007, 89, 20-30.	1.6	29
15	Molecular markers for <i>Peristenus</i> spp. (Hymenoptera: Braconidae) parasitoids associated with <i>Lygus</i> spp. (Hemiptera: Miridae). Canadian Entomologist, 2003, 135, 71-83.	0.4	28
16	Evaluating the capacity of plant DNA barcodes to discriminate species of cotton (G ossypium : M) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td	2.2	27
17	A comparison of heat shock protein genes from cultured cells of the cabbage armyworm, <i>Mamestra brassicae</i>, in response to heavy metals. Archives of Insect Biochemistry and Physiology, 2007, 65, 210-222.	0.6	25
18	Mitochondrial diversity and phylogeographic analysis of Pediculus humanus reveals a new Amazonian clade â€œFâ€. Infection, Genetics and Evolution, 2019, 70, 1-8.	1.0	24

#	ARTICLE	IF	CITATIONS
19	Genomic organization of the <i>α</i> -sodium channel β -subunit genes from the pyrethroid-resistant and β -susceptible strains of the diamondback moth. Archives of Insect Biochemistry and Physiology, 2008, 69, 1-12.	0.6	22
20	Pyrethroid-resistant diamondback moth expresses alternatively spliced sodium channel transcripts with and without T929I mutation. Insect Biochemistry and Molecular Biology, 2006, 36, 904-910.	1.2	21
21	Insect diversity in the Saharo-Arabian region: Revealing a little-studied fauna by DNA barcoding. PLoS ONE, 2018, 13, e0199965.	1.1	21
22	Report of a parasitic wasp (Hymenoptera: Encyrtidae) parasitizing cotton mealybug (Hemiptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 Technology, 2010, 20, 625-630.	0.5	19
23	Larval Mortality and Development of <i>Pseudoplusia includens</i> (Lepidoptera: Noctuidae) Reared on a Transgenic <i>Bacillus thuringiensis</i> -Cotton Cultivar Expressing CryIAC Insecticidal Protein. Journal of Economic Entomology, 2001, 94, 1053-1058.	0.8	18
24	Barcode index numbers expedite quarantine inspections and aid the interception of nonindigenous mealybugs (Pseudococcidae). Biological Invasions, 2018, 20, 449-460.	1.2	18
25	Development of <i>Spodoptera exigua</i> and <i>Helicoverpa zea</i> (Lepidoptera: Noctuidae) on Transgenic Cotton Containing CryIAC Insecticidal Protein. Journal of Entomological Science, 2000, 35, 360-372.	0.2	18
26	The first initiative of DNA barcoding of ornamental plants from Egypt and potential applications in horticulture industry. PLoS ONE, 2017, 12, e0172170.	1.1	17
27	DNA-based characterization of an invasive mealybug (Hemiptera: Pseudococcidae) species damaging cotton in Pakistan. Applied Entomology and Zoology, 2010, 45, 395-404.	0.6	16
28	Assembling a DNA barcode reference library for the spiders (Arachnida: Araneae) of Pakistan. PLoS ONE, 2019, 14, e0217086.	1.1	16
29	Inoculation of <i>Nicotiana tabacum</i> with recombinant potato virus X induces RNA interference in the solenopsis mealybug, <i>Phenacoccus solenopsis</i> Tinsley (Hemiptera: Pseudococcidae). Biotechnology Letters, 2015, 37, 2083-2090.	1.1	14
30	Expression of two methionine-rich storage protein genes of <i>Plutella xylostella</i> (L.) in response to development, juvenile hormone-analog and pyrethroid. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2007, 148, 84-92.	0.7	12
31	Bollworm (Lepidoptera: Noctuidae) Development and Movement on <i>Bacillus thuringiensis</i> -treated Cotton Leaves. Journal of Entomological Science, 2001, 36, 23-33.	0.2	10
32	Molecular phylogenetic analysis of a scale insect (<i>Drosicha mangiferae</i> ; Hemiptera: Monophlebidae) infesting mango orchards in Pakistan. European Journal of Entomology, 2011, 108, 553-559.	1.2	9
33	Hyperparasitism by <i>Mesochorus</i> spp. (Hymenoptera: Ichneumonidae) in <i>Peristenus</i> sp. (Hymenoptera:) Tj ETQq1 1 0.784314 rgBT /Over 32, 371-377.	1.4	8
34	Genomic Organization and Developmental Expression of Glutathione-S-Transferase Genes of the Diamondback Moth, <i>Plutella xylostella</i> . Journal of Insect Science, 2006, 6, 1-9.	0.6	8
35	Global analysis of population structure, spatial and temporal dynamics of genetic diversity, and evolutionary lineages of Iris yellow spot virus (Tospovirus: Bunyaviridae). Gene, 2014, 547, 111-118.	1.0	8
36	A small HSP gene is not responsible for diapause and cold tolerance acquisition in <i>Chilo suppressalis</i> . Journal of Applied Entomology, 2006, 130, 309-313.	0.8	7

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37	Expression profile of arylphorin gene during diapause and cold acclimation in the rice stem borer, <i>Chilo suppressalis</i> Walker (Lepidoptera: Crambidae). <i>Applied Entomology and Zoology</i> , 2007, 42, 35-40.	0.6	7
38	cDNA characterization and expression analysis of two arylphorin-like hexameric protein genes from the diamondback moth, <i>Plutella xylostella</i> (L.). <i>Archives of Insect Biochemistry and Physiology</i> , 2007, 64, 175-185.	0.6	6
39	Target and non-target effects of a spider venom toxin produced in transgenic cotton and tobacco plants. <i>Journal of Applied Entomology</i> , 2015, 139, 321-332.	0.8	6
40	First Report of Iris yellow spot virus Infecting Onion in Pakistan. <i>Plant Disease</i> , 2013, 97, 1517-1517.	0.7	6
41	BIN overlap confirms transcontinental distribution of pest aphids (Hemiptera: Aphididae). <i>PLoS ONE</i> , 2019, 14, e0220426.	1.1	2
42	A DNA barcode survey of insect biodiversity in Pakistan. <i>PeerJ</i> , 2022, 10, e13267.	0.9	2
43	Morphological and molecular identification of acridid grasshoppers (Acrididae: Orthoptera) from Poonch division, Azad Jammu Kashmir, Pakistan. <i>Journal of Threatened Taxa</i> , 2014, 6, 5544-5552.	0.1	1
44	PCR-Based Detection of a Hyperparasitoid in Cotton Mealybug, <i>Phenacoccus solenopsis</i> Tinsley (Hemiptera: Pseudococcidae). <i>Pakistan Journal of Zoology</i> , 2017, 49, 1515-1518.	0.1	0
45	BIN overlap confirms transcontinental distribution of pest aphids (Hemiptera: Aphididae). , 2019, 14, e0220426.		0
46	BIN overlap confirms transcontinental distribution of pest aphids (Hemiptera: Aphididae). , 2019, 14, e0220426.		0
47	BIN overlap confirms transcontinental distribution of pest aphids (Hemiptera: Aphididae). , 2019, 14, e0220426.		0
48	BIN overlap confirms transcontinental distribution of pest aphids (Hemiptera: Aphididae). , 2019, 14, e0220426.		0
49	BIN overlap confirms transcontinental distribution of pest aphids (Hemiptera: Aphididae). , 2019, 14, e0220426.		0
50	BIN overlap confirms transcontinental distribution of pest aphids (Hemiptera: Aphididae). , 2019, 14, e0220426.		0