

Hidayat Ullah

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,026
citations

516710

16
h-index

477307

29
g-index

49
all docs

49
docs citations

49
times ranked

1143
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-model projections of future climate and climate change impacts uncertainty assessment for cotton production in Pakistan. <i>Agricultural and Forest Meteorology</i> , 2018, 253-254, 94-113.	4.8	163
2	Arsenic in a groundwater environment in Bangladesh: Occurrence and mobilization. <i>Journal of Environmental Management</i> , 2020, 262, 110318.	7.8	96
3	Phosphate-Solubilizing Bacteria Nullify the Antagonistic Effect of Soil Calcification on Bioavailability of Phosphorus in Alkaline Soils. <i>Scientific Reports</i> , 2017, 7, 16131.	3.3	90
4	Chitosan-based delivery systems for plants: A brief overview of recent advances and future directions. <i>International Journal of Biological Macromolecules</i> , 2020, 154, 683-697.	7.5	90
5	Tillage and deficit irrigation strategies to improve winter wheat production through regulating root development under simulated rainfall conditions. <i>Agricultural Water Management</i> , 2018, 209, 44-54.	5.6	42
6	Starch: An Undisputed Potential Candidate and Sustainable Resource for the Development of Wood Adhesive. <i>Starch/Staerke</i> , 2020, 72, 1900276.	2.1	36
7	Novel Lom-dh Genes Play Potential Role in Promoting Egg Diapause of <i>Locusta migratoria</i> L.. <i>Frontiers in Physiology</i> , 2019, 10, 767.	2.8	35
8	Major Constraints for Global Rice Production. , 2019, , 1-22.		35
9	Abiotic Stress and Rice Grain Quality. , 2019, , 571-583.		33
10	Arbuscular mycorrhizal fungi improve the growth and phosphorus uptake of mung bean plants fertilized with composted rock phosphate fed dung in alkaline soil environment. <i>Journal of Plant Nutrition</i> , 2019, 42, 1760-1769.	1.9	30
11	Spatiotemporal Patterns of Visitors in Urban Green Parks by Mining Social Media Big Data Based Upon WHO Reports. <i>IEEE Access</i> , 2020, 8, 39197-39211.	4.2	29
12	A broadband wire hexagon antenna array for future 5G communications in 28 GHz band. <i>Microwave and Optical Technology Letters</i> , 2019, 61, 696-701.	1.4	28
13	Analysis of Green Spaces by Utilizing Big Data to Support Smart Cities and Environment: A Case Study About the City Center of Shanghai. <i>ISPRS International Journal of Geo-Information</i> , 2020, 9, 360.	2.9	25
14	The Function of LmPrx6 in Diapause Regulation in <i>Locusta migratoria</i> Through the Insulin Signaling Pathway. <i>Insects</i> , 2020, 11, 763.	2.2	22
15	Role of Big Data in the Development of Smart City by Analyzing the Density of Residents in Shanghai. <i>Electronics (Switzerland)</i> , 2020, 9, 837.	3.1	22
16	Transcriptome Sequencing Reveals Potential Mechanisms of the Maternal Effect on Egg Diapause Induction of <i>Locusta migratoria</i> . <i>International Journal of Molecular Sciences</i> , 2019, 20, 1974.	4.1	21
17	Suppressing photorespiration for the improvement in photosynthesis and crop yields: A review on the role of S-allantoin as a nitrogen source. <i>Journal of Environmental Management</i> , 2019, 237, 644-651.	7.8	19
18	The CaChiV12 Gene of <i>Capsicum annuum</i> L. Confers Resistance Against Heat Stress and Infection of <i>Phytophthora capsici</i> . <i>Frontiers in Plant Science</i> , 2020, 11, 219.	3.6	18

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19	Categorization of Green Spaces for a Sustainable Environment and Smart City Architecture by Utilizing Big Data. <i>Electronics (Switzerland)</i> , 2020, 9, 1028.	3.1	15
20	Inhibitory Effects of Plant Trypsin Inhibitors Msti-94 and Msti-16 on <i>Therioaphis trifolii</i> (Monell) (Homoptera: Aphididae) in Alfalfa. <i>Insects</i> , 2019, 10, 154.	2.2	14
21	Selecting high yielding and stable mungbean [<i>Vigna radiata</i> (L.) Wilczek] genotypes using GGE biplot techniques. <i>Canadian Journal of Plant Science</i> , 2012, 92, 951-960.	0.9	13
22	A wideband rhombus monopole antenna array for millimeter wave applications. <i>Microwave and Optical Technology Letters</i> , 2020, 62, 2111-2117.	1.4	13
23	Effectiveness of <i>Bacillus pumilus</i> PDSLzg-1, an innovative Hydrocarbon-Degrading Bacterium conferring antifungal and plant growth-promoting function. <i>3 Biotech</i> , 2019, 9, 305.	2.2	12
24	Serpin7 controls egg diapause of migratory locust (<i>Locusta migratoria</i>) by regulating polyphenol oxidase. <i>FEBS Open Bio</i> , 2020, 10, 707-717.	2.3	10
25	3D Object Classification Using a Volumetric Deep Neural Network: An Efficient Octree Guided Auxiliary Learning Approach. <i>IEEE Access</i> , 2020, 8, 23802-23816.	4.2	10
26	Fruit Properties and Nutritional Composition of Some Walnut Cultivars Grown in Pakistan. <i>Pakistan Journal of Nutrition</i> , 2010, 9, 240-244.	0.2	10
27	Role of PTP/PTK trans activated insulin-like signalling pathway in regulation of grasshopper (<i>Oedaleus</i>) Tj ETQq1 1 0,784314 rgBT /Overlock 10 Tf 50	5.3	9
28	Impact of rhizobial inoculum and inorganic fertilizers on nutrients (NPK) availability and uptake in wheat crop. <i>Canadian Journal of Soil Science</i> , 2016, 96, 169-176.	1.2	8
29	Current status and future possibilities of molecular genetics techniques in <i>Brassica napus</i> . <i>Biotechnology Letters</i> , 2018, 40, 479-492.	2.2	8
30	Molecular identification and diapause-related functional characterization of a novel dual-specificity kinase gene, MPKL, in <i>Locusta migratoria</i> . <i>FEBS Letters</i> , 2019, 593, 3064-3074.	2.8	8
31	Comparative Transcriptomic Analysis Reveals Molecular Profiles of Central Nervous System in Maternal Diapause Induction of <i>Locusta migratoria</i> . <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 3287-3296.	1.8	8
32	Preference and performance of peach fruit fly (<i>Bactrocera Zonata</i>) and Melon fruit fly (<i>Bactrocera</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.8	8
33	Functional identification of an FMRFamide-related peptide gene on diapause induction of the migratory locust, <i>Locusta migratoria</i> L. <i>Genomics</i> , 2020, 112, 1821-1828.	2.9	7
34	A 32-Bit Single Quadrant Angle-Controlled Chipless Tag for Radio Frequency Identification Applications. <i>Sensors</i> , 2022, 22, 2492.	3.8	7
35	Influence of <i>Metarhizium anisopliae</i> (IMI330189) and Mad1 protein on enzymatic activities and Toll-related genes of migratory locust. <i>Environmental Science and Pollution Research</i> , 2019, 26, 17797-17808.	5.3	5
36	Identification of the key genes involved in the regulation of symbiotic pathways induced by <i>Metarhizium anisopliae</i> in peanut (<i>Arachis hypogaea</i>) roots. <i>3 Biotech</i> , 2020, 10, 124.	2.2	5

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37	Can toxicants used against cotton mealybug <i>Phenacoccus solenopsis</i> be compatible with an encyrtid parasitoid <i>Aenasius bambawalei</i> under laboratory conditions?. <i>Environmental Science and Pollution Research</i> , 2017, 24, 5857-5867.	5.3	4
38	Influence of the Host Plant on the Encyrtid <i>Aenasius bambawalei</i> , a Parasitoid used to Control the Cotton Mealybug, <i>Phenacoccus solenopsis</i> , in Pakistan. <i>Pakistan Journal of Zoology</i> , 2018, 50, .	0.2	4
39	Understanding the genetic mechanism of resistance in aphid-treated alfalfa (<i>Medicago sativa</i> L.) through proteomic analysis. <i>3 Biotech</i> , 2019, 9, 241.	2.2	3
40	Selenium Supplementation Affects Vegetative and Yield Attributes to Escalate Drought Tolerance in Okra. <i>Sarhad Journal of Agriculture</i> , 2020, 35, .	0.1	3
41	Generation mean analysis for grain yield and its components in popcorn. <i>Open Agriculture</i> , 2018, 3, 451-458.	1.7	2
42	Growth performance and transcriptomic response of <i>Calliptamus abbreviatus</i> Linn (Orthoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 605-612.	1.1	2
43	Inhibitory effect of genistein and PTP1B on grasshopper <i>Oedaleus asiaticus</i> development. <i>Arthropod-Plant Interactions</i> , 2020, 14, 441-452.	1.1	1
44	Peanut early flowering stage is beneficial to <i>Metarhizium anisopliae</i> survival and control of white grub larvae. <i>3 Biotech</i> , 2020, 10, 188.	2.2	1
45	Location effect on heritability estimates of yield traits in mungbean derived from F2 populations. <i>African Journal of Biotechnology</i> , 2011, 10, .	0.6	1
46	Gene action for pre and post harvest traits in F2 wheat populations. <i>QScience Connect</i> , 2012, 2012, .	0.3	1
47	Assessment of G \times E interaction and heritability for simplification of selection in spring wheat genotypes. <i>Canadian Journal of Plant Science</i> , 2016, , 1-5.	0.9	0
48	Transcriptomic Analysis Following Artificial Selection for Grasshopper Size. <i>Insects</i> , 2020, 11, 176.	2.2	0
49	<i>Artemisia frigida</i> (Asterales: Asteraceae) Improves the Growth of Grasshopper <i>Calliptamus abbreviatus</i> and Increases the Risk of Damaging Populations. <i>Journal of Economic Entomology</i> , 2020, 113, 1195-1201.	1.8	0