

Muhammad Jamil

List of Publications by Year in descending order

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46
papers

1,080
citations

516710

16
h-index

434195

31
g-index

46
all docs

46
docs citations

46
times ranked

1355
citing authors

#	ARTICLE	IF	CITATIONS
1	Salinity reduced growth PS2 photochemistry and chlorophyll content in radish. <i>Scientia Agricola</i> , 2007, 64, 111-118.	1.2	144
2	Role of <i>Bacillus licheniformis</i> in Phytoremediation of Nickel Contaminated Soil Cultivated with Rice. <i>International Journal of Phytoremediation</i> , 2014, 16, 554-571.	3.1	72
3	Cadmium-induced ultramorphological and physiological changes in leaves of two transgenic cotton cultivars and their wild relative. <i>Journal of Hazardous Materials</i> , 2009, 168, 614-625.	12.4	69
4	Genome-wide association studies of seven agronomic traits under two sowing conditions in bread wheat. <i>BMC Plant Biology</i> , 2019, 19, 149.	3.6	68
5	Halophilic bacteria mediated phytoremediation of salt-affected soils cultivated with rice. <i>Journal of Geochemical Exploration</i> , 2017, 174, 59-65.	3.2	54
6	ABA-induced CCCH tandem zinc finger protein OsC3H47 decreases ABA sensitivity and promotes drought tolerance in <i>Oryza sativa</i> . <i>Biochemical and Biophysical Research Communications</i> , 2015, 464, 33-37.	2.1	52
7	Some Generalized Intuitionistic Fuzzy Einstein Hybrid Aggregation Operators and Their Application to Multiple Attribute Group Decision Making. <i>International Journal of Fuzzy Systems</i> , 2018, 20, 1567-1575.	4.0	49
8	Biosynthesized Iron Oxide Nanoparticles (Fe ₃ O ₄ NPs) Mitigate Arsenic Toxicity in Rice Seedlings. <i>Toxics</i> , 2021, 9, 2.	3.7	43
9	Gibberellic Acid (GA ₃) Enhance Seed Water Uptake, Germination and Early Seedling Growth in Sugar Beet under Salt Stress. <i>Pakistan Journal of Biological Sciences</i> , 2007, 10, 654-658.	0.5	42
10	Leaf-based physiological, metabolic, and ultrastructural changes in cultivated cotton cultivars under cadmium stress mediated by glutathione. <i>Environmental Science and Pollution Research</i> , 2016, 23, 15551-15564.	5.3	39
11	<i>Bacillus Cereus</i> Enhanced Phytoremediation Ability of Rice Seedlings under Cadmium Toxicity. <i>BioMed Research International</i> , 2019, 2019, 1-12.	1.9	34
12	Biosorption of heavy metals by <i>Pseudomonas</i> species isolated from sugar industry. <i>Toxicology and Industrial Health</i> , 2016, 32, 1619-1627.	1.4	33
13	Synergistic Effects of Zinc Oxide Nanoparticles and Bacteria Reduce Heavy Metals Toxicity in Rice (<i>Oryza sativa</i> L.) Plant. <i>Toxics</i> , 2021, 9, 113.	3.7	32
14	Pb-induced changes in roots of two cultivated rice cultivars grown in lead-contaminated soil mediated by smoke. <i>Environmental Science and Pollution Research</i> , 2017, 24, 21298-21310.	5.3	23
15	<i>Bacillus safensis</i> with plant-derived smoke stimulates rice growth under saline conditions. <i>Environmental Science and Pollution Research</i> , 2017, 24, 23850-23863.	5.3	22
16	Molecular Responses of Maize Shoot to a Plant Derived Smoke Solution. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1319.	4.1	22
17	<i>Bacillus pakistanensis</i> sp. nov., a halotolerant bacterium isolated from salt mines of the Karak Area in Pakistan. <i>Antonie Van Leeuwenhoek</i> , 2014, 105, 1163-1172.	1.7	20
18	Plant-Derived Smoke Affects Biochemical Mechanism on Plant Growth and Seed Germination. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7760.	4.1	20

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19	Ranking methodology of induced Pythagorean trapezoidal fuzzy aggregation operators based on Einstein operations in group decision making. <i>Soft Computing</i> , 2020, 24, 7319-7334.	3.6	15
20	Method of MAGDM based on pythagorean trapezoidal uncertain linguistic hesitant fuzzy aggregation operator with Einstein operations. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020, 38, 2211-2230.	1.4	15
21	Response of Transgenic Rice at Germination and Early Seedling Growth Under Salt Stress. <i>Pakistan Journal of Biological Sciences</i> , 2007, 10, 4303-4306.	0.5	15
22	Combined Effect of Zinc Oxide Nanoparticles and Bacteria on Osmolytes and Antioxidative Parameters of Rice (<i>Oryza sativa</i> L.) Plant Grown in Heavy Metal-Contaminated Water. <i>Adsorption Science and Technology</i> , 2022, 2022, .	3.2	14
23	The induced generalized interval-valued intuitionistic fuzzy Einstein hybrid geometric aggregation operator and their application to group decision-making. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020, 38, 1737-1752.	1.4	13
24	Biological control of fungal pathogens of tomato (<i>Lycopersicon esculentum</i>) by chitinolytic bacterial strains. <i>Journal of Basic Microbiology</i> , 2022, 62, 48-62.	3.3	13
25	Application of the Bipolar Neutrosophic Hamacher Averaging Aggregation Operators to Group Decision Making: An Illustrative Example. <i>Symmetry</i> , 2019, 11, 698.	2.2	12
26	Exploring the roles of basal transcription factor 3 in eukaryotic growth and development. <i>Biotechnology and Genetic Engineering Reviews</i> , 2015, 31, 21-45.	6.2	11
27	Smoke Priming Regulates Growth and the Expression of Myeloblastosis and Zinc-Finger Genes in Rice under Salt Stress. <i>Arabian Journal for Science and Engineering</i> , 2017, 42, 2207-2215.	3.0	11
28	Role of halotolerant and chitinolytic bacteria in phytoremediation of saline soil using spinach plant. <i>International Journal of Phytoremediation</i> , 2020, 22, 653-661.	3.1	11
29	Multivariate geo-statistical perspective: evaluation of agricultural soil contaminated by industrial estate's effluents. <i>Environmental Geochemistry and Health</i> , 2022, 44, 57-68.	3.4	10
30	Smoke alleviates adverse effects induced by stress on rice. <i>Toxicological and Environmental Chemistry</i> , 2014, 96, 755-767.	1.2	9
31	Basal Transcription Factor 3 Plays an Important Role in Seed Germination and Seedling Growth of Rice. <i>BioMed Research International</i> , 2014, 2014, 1-13.	1.9	9
32	Combine Effect of ZnO NPs and Bacteria on Protein and Gene's Expression Profile of Rice (<i>Oryza sativa</i>) Tj ETQq0,0 0 rgBj /Overlock	3.7	9
33	GA Mediated OsZAT-12 Expression Improves Salt Resistance of Rice. <i>International Journal of Agriculture and Biology</i> , 2016, 18, 330-336.	0.4	8
34	Chromium (VI)-Induced Leaf-Based Differential Physiological, Metabolic and Microstructural Changes in Two Transgenic Cotton Cultivars (J208, Z905) and Their Hybrid Line (ZD14). <i>Journal of Plant Growth Regulation</i> , 2022, 41, 391-403.	5.1	7
35	Zinc Oxide Nanoparticles Enhance the Tolerance and Remediation Potential of <i>Bacillus</i> spp. against Heavy Metal Stress. <i>Adsorption Science and Technology</i> , 2021, 2021, 1-16.	3.2	7
36	Physiological, Biochemical, and Genotoxic Effects of Wastewater on Maize Seedlings. <i>Polish Journal of Environmental Studies</i> , 2016, 25, 563-571.	1.2	7

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37	In silico analysis of a disease-causing mutation in PCDH15 gene in a consanguineous Pakistani family with Usher phenotype. <i>International Journal of Ophthalmology</i> , 2016, 9, 662-8.	1.1	6
38	Smoke induced physiological, biochemical and molecular changes in germinating rice seeds. <i>Pakistan Journal of Botany</i> , 2020, 52, .	0.5	6
39	Regeneration of Ginger Plant from Callus Culture Through Organogenesis and Effect of CO2 Enrichment on the Differentiation of Regenerated Plant. <i>Biotechnology</i> , 2006, 6, 101-104.	0.1	6
40	Pesticide-Induced Physiological, Metabolic and Ultramorphological Alterations in Leaves of Young Maize Seedlings. <i>Polish Journal of Environmental Studies</i> , 2020, 29, 2247-2258.	1.2	6
41	Some properties of the Zagreb indices. <i>Filomat</i> , 2018, 32, 2667-2675.	0.5	5
42	Genetic Analysis of Protein, Lysine, Gluten and Flour Yield in Bread Wheat (<i>Triticum aestivum</i> L.). <i>Pakistan Journal of Biological Sciences</i> , 2007, 10, 1990-1995.	0.5	5
43	MC1R gene mutation and its association with oculocutaneous albinism type (OCA) phenotype in a consanguineous Pakistani family. <i>Journal of Dermatological Science</i> , 2013, 70, 68-70.	1.9	4
44	Multicriteria Decision-Making Methods Using Bipolar Neutrosophic Hamacher Geometric Aggregation Operators. <i>Journal of Function Spaces</i> , 2022, 2022, 1-13.	0.9	4
45	Combined application of two <i>Bacillus</i> species enhance phytoremediation potential of <i>Brassica napus</i> in an industrial metal-contaminated soil. <i>International Journal of Phytoremediation</i> , 2022, 24, 652-665.	3.1	3
46	In situ Impact of the Antagonistic Fungal Strain, <i>Trichoderma gamsii</i> T30 on the Plant Pathogenic Fungus, <i>Rhizoctonia solani</i> in Soil. <i>Polish Journal of Microbiology</i> , 2019, 68, 211-216.	1.7	1