

Muhammad Dawood

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

926
citations

623734

14
h-index

794594

19
g-index

27
all docs

27
docs citations

27
times ranked

1093
citing authors

#	ARTICLE	IF	CITATIONS
1	Alleviation of aluminum toxicity by hydrogen sulfide is related to elevated ATPase, and suppressed aluminum uptake and oxidative stress in barley. <i>Journal of Hazardous Materials</i> , 2012, 209-210, 121-128.	12.4	151
2	Hydrogen sulfide alleviates chromium stress on cauliflower by restricting its uptake and enhancing antioxidative system. <i>Physiologia Plantarum</i> , 2020, 168, 289-300.	5.2	137
3	Cadmium-induced functional and ultrastructural alterations in roots of two transgenic cotton cultivars. <i>Journal of Hazardous Materials</i> , 2009, 161, 463-473.	12.4	116
4	Comparison of EDTA- and Citric Acid-Enhanced Phytoextraction of Heavy Metals in Artificially Metal Contaminated Soil by <i>Typha Angustifolia</i> . <i>International Journal of Phytoremediation</i> , 2009, 11, 558-574.	3.1	90
5	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
6	Comparative study of alleviating effects of GSH, Se and Zn under combined contamination of cadmium and chromium in rice (<i>Oryza sativa</i>). <i>BioMetals</i> , 2013, 26, 297-308.	4.1	50
7	Exogenous hydrogen sulfide reduces cadmium uptake and alleviates cadmium toxicity in barley. <i>Plant Growth Regulation</i> , 2019, 89, 227-237.	3.4	48
8	Exogenous application of ethylenediaminetetraacetic acid enhanced phytoremediation of cadmium by <i>Brassica napus</i> L.. <i>International Journal of Environmental Science and Technology</i> , 2015, 12, 3981-3992.	3.5	43
9	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
10	Exogenous melatonin regulates chromium stress-induced feedback inhibition of photosynthesis and antioxidative protection in <i>Brassica napus</i> cultivars. <i>Plant Cell Reports</i> , 2021, 40, 2063-2080.	5.6	31
11	Exogenous melatonin mitigates chromium toxicity in maize seedlings by modulating antioxidant system and suppresses chromium uptake and oxidative stress. <i>Environmental Geochemistry and Health</i> , 2022, 44, 1451-1469.	3.4	29
12	Weed Management for Healthy Crop Production. , 2019, , 225-256.		25
13	Agrochemicals and Soil Microbes: Interaction for Soil Health. <i>Soil Biology</i> , 2017, , 139-152.	0.8	23
14	Role of brassinosteroids in alleviating toxin-induced stress of <i>Verticillium dahliae</i> on cotton callus growth. <i>Environmental Science and Pollution Research</i> , 2017, 24, 12281-12292.	5.3	18
15	Assessment of heavy metals and metalloids in tissues of two frog species: <i>Rana tigrina</i> and <i>Euphlyctis cyanophlyctis</i> from industrial city Sialkot, Pakistan. <i>Environmental Science and Pollution Research</i> , 2015, 22, 14157-14168.	5.3	15
16	Exogenous application of epibrassinolide attenuated <i>Verticillium</i> wilt in upland cotton by modulating the carbohydrates metabolism, plasma membrane ATPases and intracellular osmolytes. <i>Plant Growth Regulation</i> , 2014, 73, 155-164.	3.4	14
17	Variations in phytoremediation potential and phytoavailability of heavy metals in different <i>Salix</i> genotypes subjected to seasonal flooding. <i>Journal of Environmental Management</i> , 2021, 299, 113632.	7.8	7
18	Growth and Development Dynamics in Agronomic Crops Under Environmental Stress. , 2019, , 83-114.		7

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19	Use of Earthworms in Biomonitoring of Soil Xenobiotics. <i>Soil Biology</i> , 2017, , 73-88.	0.8	6
20	POTENTIAL OF <i>Alternanthera bettzickiana</i> (REGEL) G. NICHOLSON FOR REMEDIATION OF CADMIUM-CONTAMINATED SOIL USING CITRIC ACID. <i>Pakistan Journal of Agricultural Sciences</i> , 2019, 56, 753-759.	0.2	4
21	Characteristics of Photosynthetic Performance, Antioxidant Capacity and Nutrient Concentration of Tibetan Wild Barley in Response to Aluminium Stress. <i>Asian Journal of Chemistry</i> , 2013, 25, 7727-7731.	0.3	2
22	Evaluating the Environmental Impacts of Fluoride on the Growth and Physiology of Cotton (<i>Gossypium hirsutum</i>). <i>Pakistan Journal of Agricultural Research</i> , 2021, 34, .	0.2	1
23	Rice-Based Cropping Systems. , 2022, , 115-133.		1
24	Effect of heavy metals on soil microbial activities during two seasons. <i>International Journal of Biosciences</i> , 2018, 12, 91-98.	0.1	0
25	Alleviation of Toxic Effects of Untreated Wastewater on Selective Vegetables Using Soil Organic Amendments. <i>Tarim Bilimleri Dergisi</i> , 0, , .	0.4	0