

Anisur Rahman

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

2,316
citations

471509

17
h-index

839539

18
g-index

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20
docs citations

20
times ranked

2269
citing authors

#	ARTICLE	IF	CITATIONS
1	Morphophysiological changes and reactive oxygen species metabolism in <i>Corchorus olitorius</i> L. under different abiotic stresses. <i>Open Agriculture</i> , 2021, 6, 549-562.	1.7	2
2	Oxidative Damage and Antioxidant Defense in <i>Sesamum indicum</i> after Different Waterlogging Durations. <i>Plants</i> , 2019, 8, 196.	3.5	83
3	Exogenous glutathione attenuates lead-induced oxidative stress in wheat by improving antioxidant defense and physiological mechanisms. <i>Journal of Plant Interactions</i> , 2018, 13, 203-212.	2.1	109
4	Exogenous nitric oxide donor and arginine provide protection against short-term drought stress in wheat seedlings. <i>Physiology and Molecular Biology of Plants</i> , 2018, 24, 993-1004.	3.1	69
5	Insights into spermine-induced combined high temperature and drought tolerance in mung bean: osmoregulation and roles of antioxidant and glyoxalase system. <i>Protoplasma</i> , 2017, 254, 445-460.	2.1	98
6	β -aminobutyric acid (GABA) confers chromium stress tolerance in <i>Brassica juncea</i> L. by modulating the antioxidant defense and glyoxalase systems. <i>Ecotoxicology</i> , 2017, 26, 675-690.	2.4	92
7	Maleic acid assisted improvement of metal chelation and antioxidant metabolism confers chromium tolerance in <i>Brassica juncea</i> L. <i>Ecotoxicology and Environmental Safety</i> , 2017, 144, 216-226.	6.0	77
8	Actions of Biological Trace Elements in Plant Abiotic Stress Tolerance. , 2017, , 213-274.		17
9	Coordinated Actions of Glyoxalase and Antioxidant Defense Systems in Conferring Abiotic Stress Tolerance in Plants. <i>International Journal of Molecular Sciences</i> , 2017, 18, 200.	4.1	199
10	Calcium Supplementation Improves Na ⁺ /K ⁺ Ratio, Antioxidant Defense and Glyoxalase Systems in Salt-Stressed Rice Seedlings. <i>Frontiers in Plant Science</i> , 2016, 7, 609.	3.6	171
11	Polyamines Confer Salt Tolerance in Mung Bean (<i>Vigna radiata</i> L.) by Reducing Sodium Uptake, Improving Nutrient Homeostasis, Antioxidant Defense, and Methylglyoxal Detoxification Systems. <i>Frontiers in Plant Science</i> , 2016, 7, 1104.	3.6	155
12	Manganese-induced cadmium stress tolerance in rice seedlings: Coordinated action of antioxidant defense, glyoxalase system and nutrient homeostasis. <i>Comptes Rendus - Biologies</i> , 2016, 339, 462-474.	0.2	69
13	Physiological and biochemical mechanisms of spermine-induced cadmium stress tolerance in mung bean (<i>Vigna radiata</i> L.) seedlings. <i>Environmental Science and Pollution Research</i> , 2016, 23, 21206-21218.	5.3	100
14	Manganese-induced salt stress tolerance in rice seedlings: regulation of ion homeostasis, antioxidant defense and glyoxalase systems. <i>Physiology and Molecular Biology of Plants</i> , 2016, 22, 291-306.	3.1	112
15	Polyamine and nitric oxide crosstalk: Antagonistic effects on cadmium toxicity in mung bean plants through upregulating the metal detoxification, antioxidant defense and methylglyoxal detoxification systems. <i>Ecotoxicology and Environmental Safety</i> , 2016, 126, 245-255.	6.0	292
16	Exogenous calcium alleviates cadmium-induced oxidative stress in rice (<i>Oryza sativa</i> L.) seedlings by regulating the antioxidant defense and glyoxalase systems. <i>Revista Brasileira De Botanica</i> , 2016, 39, 393-407.	1.3	83
17	Hydrogen sulfide modulates cadmium-induced physiological and biochemical responses to alleviate cadmium toxicity in rice. <i>Scientific Reports</i> , 2015, 5, 14078.	3.3	243
18	Calcium Mitigates Arsenic Toxicity in Rice Seedlings by Reducing Arsenic Uptake and Modulating the Antioxidant Defense and Glyoxalase Systems and Stress Markers. <i>BioMed Research International</i> , 2015, 1-12.	1.9	84

#	ARTICLE	IF	CITATIONS
19	Exogenous Proline and Glycine Betaine Mediated Upregulation of Antioxidant Defense and Glyoxalase Systems Provides Better Protection against Salt-Induced Oxidative Stress in Two Rice (<i>Oryza) TJ ETQq1 1 0.784314 rgBT /Overlock 1	1.14	27
20	Approaches to Enhance Salt Stress Tolerance in Wheat. , 0, , .		27