Khursheda Parvin

List of Publications by Year
in descending order

18	1,567	516561 16	839398 18
papers	citations	h-index	g-index

19	19	19	1386
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Regulation of Ascorbate-Glutathione Pathway in Mitigating Oxidative Damage in Plants under Abiotic Stress. Antioxidants, 2019, 8, 384.	2.2	586
2	Regulation of ROS Metabolism in Plants under Environmental Stress: A Review of Recent Experimental Evidence. International Journal of Molecular Sciences, 2020, 21, 8695.	1.8	202
3	Exogenous vanillic acid enhances salt tolerance of tomato: Insight into plant antioxidant defense and glyoxalase systems. Plant Physiology and Biochemistry, 2020, 150, 109-120.	2.8	94
4	Biostimulants for the Regulation of Reactive Oxygen Species Metabolism in Plants under Abiotic Stress. Cells, 2021, 10, 2537.	1.8	84
5	Silicon-induced antioxidant defense and methylglyoxal detoxification works coordinately in alleviating nickel toxicity in Oryza sativa L.. Ecotoxicology, 2019, 28, 261-276.	1.1	77
6	Quercetin Mediated Salt Tolerance in Tomato through the Enhancement of Plant Antioxidant Defense and Glyoxalase Systems. Plants, 2019, 8, 247.	1.6	71
7	Nitric oxide pretreatment enhances antioxidant defense and glyoxalase systems to confer PEG-induced oxidative stress in rapeseed. Journal of Plant Interactions, 2017, 12, 323-331.	1.0	67
8	Nitric oxide and hydrogen sulfide: two intimate collaborators regulating plant defense against abiotic stress. Plant Growth Regulation, 2020, 90, 409-424.	1.8	67
9	Polyamine Action under Metal/Metalloid Stress: Regulation of Biosynthesis, Metabolism, and Molecular Interactions. International Journal of Molecular Sciences, 2019, 20, 3215.	1.8	56
10	Comparative Physiological and Biochemical Changes in Tomato (Solanum lycopersicum L.) Under Salt Stress and Recovery: Role of Antioxidant Defense and Glyoxalase Systems. Antioxidants, 2019, 8, 350.	2.2	49
11	Arsenic-Induced Oxidative Stress and Antioxidant Defense in Plants. Stresses, 2022, 2, 179-209.	1.8	40
12	Pretreatment of wheat (Triticum aestivum L.) seedlings with 2,4-D improves tolerance to salinity-induced oxidative stress and methylglyoxal toxicity by modulating ion homeostasis, antioxidant defenses, and glyoxalase systems. Plant Physiology and Biochemistry, 2020, 152, 221-231.	2.8	38
13	Modulation of Cadmium Tolerance in Rice: Insight into Vanillic Acid-Induced Upregulation of Antioxidant Defense and Glyoxalase Systems. Plants, 2020, 9, 188.	1.6	30
14	Exogenous Tebuconazole and Trifloxystrobin Regulates Reactive Oxygen Species Metabolism Toward Mitigating Salt-Induced Damages in Cucumber Seedling. Plants, 2019, 8, 428.	1.6	29
15	Selenium Supplementation and Crop Plant Tolerance to Metal/Metalloid Toxicity. Frontiers in Plant Science, 2021, 12, 792770.	1.7	27
16	Tebuconazole and trifloxystrobin regulate the physiology, antioxidant defense and methylglyoxal detoxification systems in conferring salt stress tolerance in Triticum aestivum L.. Physiology and Molecular Biology of Plants, 2020, 26, 1139-1154.	1.4	19
17	Effect of tebuconazole and trifloxystrobin on Ceratocystis fimbriata to control black rot of sweet potato: processes of reactive oxygen species generation and antioxidant defense responses. World Journal of Microbiology and Biotechnology, 2021, 37, 148.	1.7	11
18	Protective role of tebuconazole and trifloxystrobin in wheat (Triticum aestivum L.) under cadmium stress via enhancement of antioxidant defense and glyoxalase systems. Physiology and Molecular Biology of Plants, 2021, 27, 1043-1057.	1.4	10