Mustafa Kucukoduk

List of Publications by Year
in descending order

23	456	840776 11	794594 19
papers	citations	h-index	g-index

23	23	23	503
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hydrogen Sulfide Protects Damage From Methyl Viologen-Mediated Oxidative Stress by Improving Gas Exchange, Fluorescence Kinetics of Photosystem II, and Antioxidant System in Arabidopsis thaliana. Journal of Plant Growth Regulation, 2023, 42, 1031-1050.	5.1	3
2	Nanomaterial sulfonated graphene oxide advances the tolerance against nitrate and ammonium toxicity by regulating chloroplastic redox balance, photochemistry of photosystems and antioxidant capacity in Triticum aestivum. Journal of Hazardous Materials, 2022, 424, 127310.	12.4	10
3	Ex-foliar applied extremolyte ectoine improves water management, photosystem, antioxidant system and redox homeostasis in Zea mays under cadmium toxicity. South African Journal of Botany, 2022, 147, 130-141.	2.5	2
4	Hydrogen sulfide (H2S) and nitric oxide (NO) alleviate cobalt toxicity in wheat (Triticum aestivum L.) by modulating photosynthesis, chloroplastic redox and antioxidant capacity. Journal of Hazardous Materials, 2020, 388, 122061.	12.4	54
5	Naringenin induces tolerance to salt/osmotic stress through the regulation of nitrogen metabolism, cellular redox and ROS scavenging capacity in bean plants. Plant Physiology and Biochemistry, 2020, 157, 264-275.	5.8	32
6	Rare-earth element scandium improves stomatal regulation and enhances salt and drought stress tolerance by up-regulating antioxidant responses of Oryza sativa. Plant Physiology and Biochemistry, 2020, 152, 157-169.	5.8	19
7	Flavonoid Naringenin Alleviates Short-Term Osmotic and Salinity Stresses Through Regulating Photosynthetic Machinery and Chloroplastic Antioxidant Metabolism in Phaseolus vulgaris. Frontiers in Plant Science, 2020, 11, 682.	3.6	40
8	Assessment of antioxidant system and enzyme/nonenzyme regulation related to ascorbate-glutathione cycle in ferulic acid-treated Triticumaestivum L. roots under boron toxicity. Turkish Journal of Botany, 2020, 44, 47-61.	1.2	8
9	Biochar Triggers Systemic Tolerance Against Cobalt Stress in Wheat Leaves Through Regulation of Water Status and Antioxidant Metabolism. Journal of Soil Science and Plant Nutrition, 2019, 19, 935-947.	3.4	13
10	Ferulic acid confers tolerance against excess boron by regulating ROS levels and inducing antioxidant system in wheat leaves (Triticum aestivum). Environmental and Experimental Botany, 2019, 161, 193-202.	4.2	23
11	Cold stress in soybean (Glycine max L.) roots: Exogenous gallic acid promotes water status and increases antioxidant activities. Botanica Serbica, 2019, 43, 59-71.	1.0	11
12	Humic acid protects against oxidative damage induced by cadmium toxicity in wheat (Triticum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30 2019, 43, 161-173.	1.0	11
13	The humic acid-induced changes in the water status, chlorophyll fluorescence and antioxidant defense systems of wheat leaves with cadmium stress. Ecotoxicology and Environmental Safety, 2018, 155, 66-75.	6.0	61
14	The impact of selenium application on enzymatic and non-enzymatic antioxidant systems inZea maysroots treated with combined osmotic and heat stress. Archives of Agronomy and Soil Science, 2017, 63, 261-275.	2.6	35
15	Improvement of cold stress resistance via free radical scavenging ability and promoted water status and photosynthetic capacity of gallic acid in soybean leaves. Journal of Soil Science and Plant Nutrition, 2017, , 0-0.	3.4	13
16	Karyological studies in someGlycyrrhiza(Fabaceae) taxa from Turkey. Caryologia, 2015, 68, 254-264.	0.3	5
17	Protective roles of exogenously applied gallic acid in Oryza sativa subjected to salt and osmotic stresses: effects on the total antioxidant capacity. Plant Growth Regulation, 2015, 75, 219-234.	3.4	35
18	Exogenous Nitric Oxide (as Sodium Nitroprusside) Ameliorates Polyethylene Glycol-Induced Osmotic Stress in Hydroponically Grown Maize Roots. Journal of Plant Growth Regulation, 2014, 33, 683-696.	5.1	27

#	Article	IF	Citations
19	Variations in osmotic adjustment and water relations of Sphaerophysa kotschyana: Glycine betaine, proline and choline accumulation in response to salinity. , 2014, 55, 6.		11
20	Modulation of osmotic adjustment and antioxidant status in salt-stressed leaves of Thermopsis turcica. Acta Physiologiae Plantarum, 2014, 36, 125-138.	2.1	6
21	The role of antioxidant responses on the tolerance range of extreme halophyte Salsola crassa grown under toxic salt concentrations. Ecotoxicology and Environmental Safety, 2014, 110, 21-30.	6.0	31
22	Influences of sulfonated graphene oxide on gas exchange performance, antioxidant systems and redox states of ascorbate and glutathione in nitrate and/or ammonium stressed-wheat (Triticum aestivum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	4.3	4
23	Multi-Walled Carbon Nanotubes Influence on Gas Exchange, Redox Reaction and Antioxidant System in Zea mays Exposed to Excessive Copper. Journal of Plant Growth Regulation, 0, , 1.	5.1	2