Oussama Kharbech

List of Publications by Citations

15 papers	144 citations	6 h-index	12 g-index
15 ext. papers	251 ext. citations	4.7 avg, IF	3.18 L-index

#	Paper	IF	Citations
15	Alleviation of Cr(VI)-induced oxidative stress in maize (Zea mays L.) seedlings by NO and HS donors through differential organ-dependent regulation of ROS and NADPH-recycling metabolisms. *Journal of Plant Physiology*, **2017**, 219, 71-80	3.6	60
14	Nitric oxide and hydrogen sulfide protect plasma membrane integrity and mitigate chromium-induced methylglyoxal toxicity in maize seedlings. *Plant Physiology and Biochemistry*, **2020**, 157, 244-255	5.4	26
13	Exogenous application of hydrogen sulfide reduces chromium toxicity in maize seedlings by suppressing NADPH oxidase activities and methylglyoxal accumulation. *Plant Physiology and Biochemistry*, **2020**, 154, 646-656	5.4	15
12	Salicylic acid mitigates cadmium toxicity in bean (Phaseolus vulgaris L.) seedlings by modulating cellular redox status. *Environmental and Experimental Botany*, **2021**, 186, 104432	5.9	14
11	Calcium and ethylene glycol tetraacetic acid mitigate toxicity and alteration of gene expression associated with cadmium stress in chickpea (Cicer arietinum L.) shoots. *Protoplasma*, **2021**, 258, 849-861	3.4	7
10	Nitric oxide donor, sodium nitroprusside modulates hydrogen sulfide metabolism and cysteine homeostasis to aid the alleviation of chromium toxicity in maize seedlings (Zea mays L.). *Journal of Hazardous Materials*, **2022**, 424, 127302	12.8	7
9	Oxalic Acid Mitigates Cadmium Toxicity in Cicer arietinum L. Germinating Seeds by Maintaining the Cellular Redox Homeostasis. *Journal of Plant Growth Regulation*,1	4.7	4
8	Leaf Gas Exchange of Bean (Phaseolus vulgaris L.) Seedlings Subjected to Manganese Stress. *Russian Journal of Plant Physiology*, **2020**, 67, 168-174	1.6	3
7	Gallic acid improves the antioxidant ability against cadmium toxicity: Impact on leaf lipid composition of sunflower (Helianthus annuus) seedlings. *Ecotoxicology and Environmental Safety*, **2021**, 210, 111906	7	3
6	Exogenous Oxalic Acid Protects Germinating Chickpea Seeds Against Cadmium Injury. *Journal of Soil Science and Plant Nutrition*,1	3.2	2
5	Exogenous Nitric Oxide Confers Tolerance to Cr(VI) in Maize (Zea mays L.) Seedlings by Modulating Endogenous Oxido-Nitrosative Events. *Journal of Plant Growth Regulation*,1	4.7	2
4	Evidences for antioxidant response and biosorption potential of Bacillus simplex strain 115 against lead. *World Journal of Microbiology and Biotechnology*, **2021**, 37, 44	4.4	1
3	Effect of Exogenous Treatment with Nitric Oxide (NO) on Redox Homeostasis in Barley Seedlings (Hordeum vulgare L.) Under Copper Stress. *Journal of Soil Science and Plant Nutrition*,1	3.2	0
2	Exogenous nitric oxide alleviates manganese toxicity in bean plants by modulating photosynthesis in relation to leaf lipid composition. *Protoplasma*, **2021**, 1	3.4	0
1	Calcium and Citrate Protect Pisum sativum Roots against Copper Toxicity by Regulating the Cellular Redox Status. *Journal of Soil Science and Plant Nutrition*,1	3.2	0