Jonas Lwalaba Wa Lwalaba

List of Publications by Year
in descending order

15	290	933447 10	996975 15
papers	citations	h-index	g-index

16	16	16	341
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of Phosphorus and Arbuscular Mycorrhizal Fungi (AMF) Inoculation on Growth and Productivity of Maize (Zea maysÂL.) in aÂTropical Ferralsol. Gesunde Pflanzen, 2022, 74, 159-165.	3.0	13
2	Stress signaling convergence and nutrient crosstalk determine zinc-mediated amelioration against cadmium toxicity in rice. Ecotoxicology and Environmental Safety, 2022, 230, 113128.	6.0	5
3	Transcriptome analysis reveals the tolerant mechanisms to cobalt and copper in barley. Ecotoxicology and Environmental Safety, 2021, 209, 111761.	6.0	15
4	Genotypic Difference in the Responses to Nitrogen Fertilizer Form in Tibetan Wild and Cultivated Barley. Plants, 2021, 10, 595.	3.5	7
5	Physiological and molecular mechanisms of cobalt and copper interaction in causing phyto-toxicity to two barley genotypes differing in Co tolerance. Ecotoxicology and Environmental Safety, 2020, 187, 109866.	6.0	42
6	High accumulation of phenolics and amino acids confers tolerance to the combined stress of cobalt and copper in barley (Hordeum vulagare). Plant Physiology and Biochemistry, 2020, 155, 927-937.	5.8	22
7	Increasing of NPK Fertilizer Efficiency by Arbuscular Mycorrhiza in Common Bean (Phaseolus) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.0	4
8	Zinc alleviates cadmium toxicity by modulating photosynthesis, ROS homeostasis, and cation flux kinetics in rice. Environmental Pollution, 2020, 265, 114979.	7.5	43
9	Copper alleviates cobalt toxicity in barley by antagonistic interaction of the two metals. Ecotoxicology and Environmental Safety, 2019, 180, 234-241.	6.0	21
10	Physiological mechanisms for antagonistic interaction of manganese and aluminum in barley. Journal of Plant Nutrition, 2019, 42, 466-476.	1.9	8
11	The Tolerance Index and Translocation Factor were Used to Identify the Barley Genotypes with High Arsenic Stress Tolerance. Communications in Soil Science and Plant Analysis, 2018, 49, 50-62.	1.4	9
12	Transcriptomic comparison of two barley genotypes differing in arsenic tolerance exposed to arsenate and phosphate treatments. Plant Physiology and Biochemistry, 2018, 130, 589-603.	5.8	14
13	Alleviating effects of calcium on cobalt toxicity in two barley genotypes differing in cobalt tolerance. Ecotoxicology and Environmental Safety, 2017, 139, 488-495.	6.0	37
14	The effect of cobalt stress on growth and physiological traits and its association with cobalt accumulation in barley genotypes differing in cobalt tolerance. Journal of Plant Nutrition, 2017, 40, 2192-2199.	1.9	33
15	Subcellular distribution and chemical forms of Co2+ in three barley genotypes under different Co2+ levels. Acta Physiologiae Plantarum, 2017, 39, 1.	2.1	17