

Jonas Lwalaba Wa Lwalaba

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9786369/publications.pdf>

Version: 2024-02-01

15
papers

290
citations

933447

10
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

341
citing authors

#	ARTICLE	IF	CITATIONS
1	Zinc alleviates cadmium toxicity by modulating photosynthesis, ROS homeostasis, and cation flux kinetics in rice. <i>Environmental Pollution</i> , 2020, 265, 114979.	7.5	43
2	Physiological and molecular mechanisms of cobalt and copper interaction in causing phyto-toxicity to two barley genotypes differing in Co tolerance. <i>Ecotoxicology and Environmental Safety</i> , 2020, 187, 109866.	6.0	42
3	Alleviating effects of calcium on cobalt toxicity in two barley genotypes differing in cobalt tolerance. <i>Ecotoxicology and Environmental Safety</i> , 2017, 139, 488-495.	6.0	37
4	The effect of cobalt stress on growth and physiological traits and its association with cobalt accumulation in barley genotypes differing in cobalt tolerance. <i>Journal of Plant Nutrition</i> , 2017, 40, 2192-2199.	1.9	33
5	High accumulation of phenolics and amino acids confers tolerance to the combined stress of cobalt and copper in barley (<i>Hordeum vulgare</i>). <i>Plant Physiology and Biochemistry</i> , 2020, 155, 927-937.	5.8	22
6	Copper alleviates cobalt toxicity in barley by antagonistic interaction of the two metals. <i>Ecotoxicology and Environmental Safety</i> , 2019, 180, 234-241.	6.0	21
7	Subcellular distribution and chemical forms of Co ²⁺ in three barley genotypes under different Co ²⁺ levels. <i>Acta Physiologiae Plantarum</i> , 2017, 39, 1.	2.1	17
8	Transcriptome analysis reveals the tolerant mechanisms to cobalt and copper in barley. <i>Ecotoxicology and Environmental Safety</i> , 2021, 209, 111761.	6.0	15
9	Transcriptomic comparison of two barley genotypes differing in arsenic tolerance exposed to arsenate and phosphate treatments. <i>Plant Physiology and Biochemistry</i> , 2018, 130, 589-603.	5.8	14
10	Effect of Phosphorus and Arbuscular Mycorrhizal Fungi (AMF) Inoculation on Growth and Productivity of Maize (<i>Zea mays</i> L.) in a Tropical Ferralsol. <i>Gesunde Pflanzen</i> , 2022, 74, 159-165.	3.0	13
11	The Tolerance Index and Translocation Factor were Used to Identify the Barley Genotypes with High Arsenic Stress Tolerance. <i>Communications in Soil Science and Plant Analysis</i> , 2018, 49, 50-62.	1.4	9
12	Physiological mechanisms for antagonistic interaction of manganese and aluminum in barley. <i>Journal of Plant Nutrition</i> , 2019, 42, 466-476.	1.9	8
13	Genotypic Difference in the Responses to Nitrogen Fertilizer Form in Tibetan Wild and Cultivated Barley. <i>Plants</i> , 2021, 10, 595.	3.5	7
14	Stress signaling convergence and nutrient crosstalk determine zinc-mediated amelioration against cadmium toxicity in rice. <i>Ecotoxicology and Environmental Safety</i> , 2022, 230, 113128.	6.0	5
15	Increasing of NPK Fertilizer Efficiency by Arbuscular Mycorrhiza in Common Bean (<i>Phaseolus</i>) Tj ETQq1 1 0.784314,rgBT /Overlock 10	3.8	4