

Ahsan Ayyaz

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

278
citations

1040056

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h-index

1058476

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15
all docs

15
docs citations

15
times ranked

178
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitigation effects of exogenous melatonin-selenium nanoparticles on arsenic-induced stress in Brassica napus. Environmental Pollution, 2022, 292, 118473.	7.5	48
2	Endogenous nitric oxide contributes to chloride and sulphate salinity tolerance by modulation of ion transporter expression and reestablishment of redox balance in Brassica napus cultivars. Environmental and Experimental Botany, 2022, 194, 104734.	4.2	12
3	The potential of nanomaterials for sustainable modern agriculture: present findings and future perspectives. Environmental Science: Nano, 2022, 9, 1926-1951.	4.3	13
4	Comprehensive proteomic analysis of arsenic induced toxicity reveals the mechanism of multilevel coordination of efficient defense and energy metabolism in two Brassica napus cultivars. Ecotoxicology and Environmental Safety, 2021, 208, 111744.	6.0	27
5	Effects of exogenously applied melatonin on growth, photosynthesis, ion accumulation and antioxidant capacity of canola (Brassica napus L.) under chromium stress. Pakistan Journal of Botany, 2021, 53, .	0.5	2
6	Drought tolerance in Brassica napus is accompanied with enhanced antioxidative protection, photosynthetic and hormonal regulation at seedling stage. Physiologia Plantarum, 2021, 172, 1133-1148.	5.2	25
7	Structural and functional stability of photosystem-II in Moringa oleifera under salt stress. Australian Journal of Crop Science, 2021, , 676-682.	0.3	2
8	Exogenous melatonin regulates chromium stress-induced feedback inhibition of photosynthesis and antioxidative protection in Brassica napus cultivars. Plant Cell Reports, 2021, 40, 2063-2080.	5.6	31
9	Organic and inorganic amendments for the remediation of nickel contaminated soil and its improvement on Brassica napus growth and oxidative defense. Journal of Hazardous Materials, 2021, 416, 125921.	12.4	22
10	Coordinated impact of ion exclusion, antioxidants and photosynthetic potential on salt tolerance of ridge gourd [Luffa acutangula (L.) Roxb.]. Plant Physiology and Biochemistry, 2021, 167, 517-528.	5.8	8
11	Interactive effects of biochar and mussel shell activated concoctions on immobilization of nickel and their amelioration on the growth of rapeseed in contaminated aged soil. Chemosphere, 2021, 282, 130897.	8.2	20
12	Seed priming with proline improved photosystem II efficiency and growth of wheat (Triticum aestivum) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.6	10
13	Melatonin induced changes in photosynthetic efficiency as probed by OJIP associated with improved chromium stress tolerance in canola (Brassica napus L.). Heliyon, 2020, 6, e04364.	3.2	55
14	Differential responses of exogenous melatonin on growth, photosynthesis and antioxidant defence system in two Brassica napus L.cultivars under chromium stress. International Journal of Environment Agriculture and Biotechnology, 2020, 5, 397-411.	0.1	2