Gyula CzÃ©gÃ©ny

List of Publications by Year
in descending order

10 papers	249 citations	1307594 7 h-index	1372567 10 g-index
10 all docs	10 docs citations	10 times ranked	349 citing authors

#	Article	IF	Citations
1	Phase-Selective Synthesis of Anatase and Rutile TiO2 Nanocrystals and Their Impacts on Grapevine Leaves: Accumulation of Mineral Nutrients and Triggering the Plant Defense. Nanomaterials, 2022, 12, 483.	4.1	2
2	Ultraviolet-B acclimation is supported by functionally heterogeneous phenolic peroxidases. Scientific Reports, 2020, 10, 16303.	3.3	7
3	Ultraviolet-B radiation exposure lowers the antioxidant capacity in the Arabidopsis thaliana pdx1.3-1 mutant and leads to glucosinolate biosynthesis alteration in both wild type and mutant. Photochemical and Photobiological Sciences, 2020, 19, 217-228.	2.9	5
4	Multiple roles for Vitamin B6 in plant acclimation to UV-B. Scientific Reports, 2019, 9, 1259.	3.3	29
5	Selective responses of class III plant peroxidase isoforms to environmentally relevant UV-B doses. Journal of Plant Physiology, 2018, 221, 101-106.	3.5	30
6	UV-B effects on leavesâ€"Oxidative stress and acclimation in controlled environments. Plant Science, 2016, 248, 57-63.	3.6	70
7	Elevated ROS-scavenging enzymes contribute to acclimation to UV-B exposure in transplastomic tobacco plants, reducing the role of plastid peroxidases. Journal of Plant Physiology, 2016, 201, 95-100.	3.5	30
8	Light piping driven photosynthesis in the soil: Low-light adapted active photosynthetic apparatus in the under-soil hypocotyl segments of bean (Phaseolus vulgaris). Journal of Photochemistry and Photobiology B: Biology, 2016, 161, 422-429.	3.8	12
9	Antioxidant defence in UV-irradiated tobacco leaves is centred on hydrogen-peroxide neutralization. Plant Physiology and Biochemistry, 2014, 82, 239-243.	5.8	17
10	Hydrogen peroxide contributes to the ultravioletâ€B (280â€"315 nm) induced oxidative stress of plant leaves through multiple pathways. FEBS Letters, 2014, 588, 2255-2261.	2.8	47