

Gyula Czgny

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3510281/publications.pdf>

Version: 2024-02-01

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