

ZalÃ¡n CzÃ©kus

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

358
citations

840776

11
h-index

839539

18
g-index

21
all docs

21
docs citations

21
times ranked

382
citing authors

#	ARTICLE	IF	CITATIONS
1	Fumonisin B1-Induced Oxidative Burst Perturbed Photosynthetic Activity and Affected Antioxidant Enzymatic Response in Tomato Plants in Ethylene-Dependent Manner. <i>Journal of Plant Growth Regulation</i> , 2023, 42, 1865-1878.	5.1	3
2	Triploid Hybrid Vigor in Above-Ground Growth and Methane Fermentation Efficiency of Energy Willow. <i>Frontiers in Plant Science</i> , 2022, 13, 770284.	3.6	5
3	The role of photosynthetic activity in the regulation of flg22-induced local and systemic defence reaction in tomato. <i>Photosynthetica</i> , 2022, 60, 259-270.	1.7	0
4	Role of ethylene in ER stress and the unfolded protein response in tomato (<i>Solanum lycopersicum</i> L.) plants. <i>Plant Physiology and Biochemistry</i> , 2022, 181, 1-11.	5.8	9
5	Ethylene-dependent effects of fusaric acid on the photosynthetic activity of tomato plants. <i>Photosynthetica</i> , 2021, 59, 337-348.	1.7	8
6	Plant defence mechanisms against mycotoxin Fumonisin B1. <i>Chemico-Biological Interactions</i> , 2021, 343, 109494.	4.0	19
7	Pest and disease management by red light. <i>Plant, Cell and Environment</i> , 2021, 44, 3197-3210.	5.7	23
8	Activation of Local and Systemic Defence Responses by Flg22 Is Dependent on Daytime and Ethylene in Intact Tomato Plants. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8354.	4.1	18
9	Role of ethylene and light in chitosan-induced local and systemic defence responses of tomato plants. <i>Journal of Plant Physiology</i> , 2021, 263, 153461.	3.5	13
10	Effects of Jasmonic Acid in ER Stress and Unfolded Protein Response in Tomato Plants. <i>Biomolecules</i> , 2020, 10, 1031.	4.0	11
11	Time-Dependent Effects of Bentazon Application on the Key Antioxidant Enzymes of Soybean and Common Ragweed. <i>Sustainability</i> , 2020, 12, 3872.	3.2	10
12	Effects of Light and Daytime on the Regulation of Chitosan-Induced Stomatal Responses and Defence in Tomato Plants. <i>Plants</i> , 2020, 9, 59.	3.5	13
13	Role and Regulation of Glucose as a Signal Molecule to Salt Stress. , 2019, , 193-205.		3
14	The Multifaceted Roles of Plant Hormone Salicylic Acid in Endoplasmic Reticulum Stress and Unfolded Protein Response. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5842.	4.1	50
15	Comparison of changes in water status and photosynthetic parameters in wild type and abscisic acid-deficient sitiens mutant of tomato (<i>Solanum lycopersicum</i> cv. Rheinlands Ruhm) exposed to sublethal and lethal salt stress. <i>Journal of Plant Physiology</i> , 2019, 232, 130-140.	3.5	29
16	H2O2 homeostasis in wild-type and ethylene-insensitive Never ripe tomato in response to salicylic acid treatment in normal photoperiod and in prolonged darkness. <i>Plant Physiology and Biochemistry</i> , 2018, 126, 74-85.	5.8	21
17	Regulation of the key antioxidant enzymes by developmental processes and environmental stresses in the dark. <i>Biologia Plantarum</i> , 2018, 62, 201-210.	1.9	22
18	Diurnal changes in tomato glutathione transferase activity and expression. <i>Acta Biologica Hungarica</i> , 2018, 69, 505-509.	0.7	9

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19	Plant Glutathione Transferases and Light. <i>Frontiers in Plant Science</i> , 2018, 9, 1944.	3.6	63
20	Prolonged dark period modulates the oxidative burst and enzymatic antioxidant systems in the leaves of salicylic acid-treated tomato. <i>Journal of Plant Physiology</i> , 2017, 213, 216-226.	3.5	27