

Agnes Gall

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22
papers

785
citations

14
h-index

23
g-index

23
ext. papers

987
ext. citations

4.3
avg, IF

3.76
L-index

#	Paper	IF	Citations
22	Crosstalk between the redox signalling and the detoxification: GSTs under redox control?. <i>Plant Physiology and Biochemistry</i> , 2021 , 169, 149-159	5.4	0
21	Pest and disease management by red light. <i>Plant, Cell and Environment</i> , 2021 , 44, 3197-3210	8.4	6
20	Time-Dependent Effects of Bentazon Application on the Key Antioxidant Enzymes of Soybean and Common Ragweed. <i>Sustainability</i> , 2020 , 12, 3872	3.6	3
19	Compensation of Mutation in () Genes under Control or Salt Stress Conditions. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	6
18	Genome-wide identification of the glutathione transferase superfamily in the model organism <i>Brachypodium distachyon</i> . <i>Functional Plant Biology</i> , 2019 , 46, 1049-1062	2.7	3
17	The Arabidopsis glutathione transferases, AtGSTF8 and AtGSTU19 are involved in the maintenance of root redox homeostasis affecting meristem size and salt stress sensitivity. <i>Plant Science</i> , 2019 , 283, 366-374	5.3	14
16	Overexpression of the Arabidopsis glutathione peroxidase-like 5 gene (AtGPXL5) resulted in altered plant development and redox status. <i>Environmental and Experimental Botany</i> , 2019 , 167, 103849	5.9	8
15	Plant Glutathione Transferases and Light. <i>Frontiers in Plant Science</i> , 2018 , 9, 1944	6.2	30
14	Comprehensive analysis of antioxidant mechanisms in Arabidopsis glutathione peroxidase-like mutants under salt- and osmotic stress reveals organ-specific significance of the AtGPXL5 activities. <i>Environmental and Experimental Botany</i> , 2018 , 150, 127-140	5.9	18
13	Diurnal changes in tomato glutathione transferase activity and expression. <i>Acta Biologica Hungarica</i> , 2018 , 69, 505-509		5
12	Exogenously applied salicylic acid maintains redox homeostasis in salt-stressed Arabidopsis gr1 mutants expressing cytosolic roGFP1. <i>Plant Growth Regulation</i> , 2018 , 86, 181-194	3.2	28
11	Biochemical response of hybrid black poplar tissue culture (<i>Populus × canadensis</i>) on water stress. <i>Journal of Plant Research</i> , 2017 , 130, 559-570	2.6	3
10	Physiological and molecular responses to heavy metal stresses suggest different detoxification mechanism of <i>Populus deltoides</i> and <i>P. x canadensis</i> . <i>Journal of Plant Physiology</i> , 2016 , 201, 62-70	3.6	25
9	Hardening with salicylic acid induces concentration-dependent changes in abscisic acid biosynthesis of tomato under salt stress. <i>Journal of Plant Physiology</i> , 2015 , 183, 54-63	3.6	49
8	The role of Arabidopsis glutathione transferase F9 gene under oxidative stress in seedlings. <i>Acta Biologica Hungarica</i> , 2015 , 66, 406-18		14
7	Plant glutathione peroxidases: emerging role of the antioxidant enzymes in plant development and stress responses. <i>Journal of Plant Physiology</i> , 2015 , 176, 192-201	3.6	194
6	Glutathione transferase supergene family in tomato: Salt stress-regulated expression of representative genes from distinct GST classes in plants primed with salicylic acid. <i>Plant Physiology and Biochemistry</i> , 2014 , 78, 15-26	5.4	99

5	Isohydic and anisohydric strategies of wheat genotypes under osmotic stress: biosynthesis and function of ABA in stress responses. <i>Journal of Plant Physiology</i> , 2013 , 170, 1389-99	3.6	44
4	Different peroxidase activities and expression of abiotic stress-related peroxidases in apical root segments of wheat genotypes with different drought stress tolerance under osmotic stress. <i>Plant Physiology and Biochemistry</i> , 2012 , 52, 119-29	5.4	65
3	Relationship between osmotic stress-induced abscisic acid accumulation, biomass production and plant growth in drought-tolerant and -sensitive wheat cultivars. <i>Acta Physiologiae Plantarum</i> , 2010 , 32, 719-727	2.6	19
2	Comparison of the Drought Stress Responses of Tolerant and Sensitive Wheat Cultivars During Grain Filling: Changes in Flag Leaf Photosynthetic Activity, ABA Levels, and Grain Yield. <i>Journal of Plant Growth Regulation</i> , 2009 , 28, 167-176	4.7	78
1	Glutathione transferase activity and expression patterns during grain filling in flag leaves of wheat genotypes differing in drought tolerance: Response to water deficit. <i>Journal of Plant Physiology</i> , 2009 , 166, 1878-91	3.6	74