

Krisztina Bela

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.

19
papers

522
citations

10
h-index

20
g-index

20
ext. papers

697
ext. citations

5.1
avg, IF

3.54
L-index

#	Paper	IF	Citations
19	Crosstalk between the Arabidopsis Glutathione Peroxidase-Like 5 Isoenzyme (AtGPXL5) and Ethylene. <i>International Journal of Molecular Sciences</i> , 2022 , 23, 5749	6.3	1
18	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
17	Compensation of Mutation in () Genes under Control or Salt Stress Conditions. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	6
16	Glutathione Is a Key Component in Abiotic Stress Responses 2020 , 49-68		
15	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
14	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
13	Plant Glutathione Transferases and Light. <i>Frontiers in Plant Science</i> , 2018 , 9, 1944	6.2	30
12	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
11	Diurnal changes in tomato glutathione transferase activity and expression. <i>Acta Biologica Hungarica</i> , 2018 , 69, 505-509		5
10	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
9	Glutathione peroxidase-like enzymes cover five distinct cell compartments and membrane surfaces in Arabidopsis thaliana. <i>Plant, Cell and Environment</i> , 2017 , 40, 1281-1295	8.4	44
8	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	3.6	18
7	Plant Glutathione Peroxidases: Structural and Functional Characterization, Their Roles in Plant Development 2017 , 99-111		
6	Plant Glutathione Peroxidases: Antioxidant Enzymes in Plant Stress Responses and Tolerance 2017 , 113-126		3
5	Glutathione-Related Enzyme System: Glutathione Reductase (GR), Glutathione Transferases (GSTs) and Glutathione Peroxidases (GPXs) 2016 , 137-158		8
4	The role of Arabidopsis glutathione transferase F9 gene under oxidative stress in seedlings. <i>Acta Biologica Hungarica</i> , 2015 , 66, 406-18		14
3	Exogenous salicylic acid-triggered changes in the glutathione transferases and peroxidases are key factors in the successful salt stress acclimation of Arabidopsis thaliana. <i>Functional Plant Biology</i> , 2015 , 42, 1129-1140	2.7	32

2	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
1	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