

Weronika Czarnocka

List of Publications by Citations

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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.

27
papers

720
citations

11
h-index

26
g-index

28
ext. papers

1,001
ext. citations

6.1
avg, IF

4.77
L-index

#	Paper	IF	Citations
27	Friend or foe? Reactive oxygen species production, scavenging and signaling in plant response to environmental stresses. <i>Free Radical Biology and Medicine</i> , 2018 , 122, 4-20	7.8	245
26	Light acclimation, retrograde signalling, cell death and immune defences in plants. <i>Plant, Cell and Environment</i> , 2013 , 36, 736-44	8.4	127
25	Lesion simulating disease1, enhanced disease susceptibility1, and phytoalexin deficient4 conditionally regulate cellular signaling homeostasis, photosynthesis, water use efficiency, and seed yield in Arabidopsis. <i>Plant Physiology</i> , 2013 , 161, 1795-805	6.6	63
24	Lesion simulating disease 1 and enhanced disease susceptibility 1 differentially regulate UV-C-induced photooxidative stress signalling and programmed cell death in Arabidopsis thaliana. <i>Plant, Cell and Environment</i> , 2015 , 38, 315-30	8.4	54
23	Role of phytochromes A and B in the regulation of cell death and acclimatory responses to UV stress in Arabidopsis thaliana. <i>Journal of Experimental Botany</i> , 2015 , 66, 6679-95	7	34
22	PAD4, LSD1 and EDS1 regulate drought tolerance, plant biomass production, and cell wall properties. <i>Plant Cell Reports</i> , 2016 , 35, 527-39	5.1	29
21	Multivariable environmental conditions promote photosynthetic adaptation potential in Arabidopsis thaliana. <i>Journal of Plant Physiology</i> , 2013 , 170, 548-59	3.6	25
20	Systemic changes in photosynthesis and reactive oxygen species homeostasis in shoots of Arabidopsis thaliana infected with the beet cyst nematode Heterodera schachtii. <i>Molecular Plant Pathology</i> , 2018 , 19, 1690-1704	5.7	22
19	The dual role of LESION SIMULATING DISEASE 1 as a condition-dependent scaffold protein and transcription regulator. <i>Plant, Cell and Environment</i> , 2017 , 40, 2644-2662	8.4	20
18	Expression Analysis of PIN Genes in Root Tips and Nodules of Medicago truncatula. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	16
17	Mitogen activated protein kinase 4 (MPK4) influences growth in Populus tremula L. tremuloides. <i>Environmental and Experimental Botany</i> , 2016 , 130, 189-205	5.9	12
16	ENHANCED DISEASE SUSCEPTIBILITY 1 (EDS1) affects development, photosynthesis, and hormonal homeostasis in hybrid aspen (Populus tremula L. P. tremuloides). <i>Journal of Plant Physiology</i> , 2018 , 226, 91-102	3.6	11
15	LSD1-, EDS1- and PAD4-dependent conditional correlation among salicylic acid, hydrogen peroxide, water use efficiency and seed yield in Arabidopsis thaliana. <i>Physiologia Plantarum</i> , 2019 , 165, 369-382	4.6	11
14	Transcriptomic Changes in and Root Nodules during Drought Stress. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	9
13	Biotechnological Potential of LSD1, EDS1, and PAD4 in the Improvement of Crops and Industrial Plants. <i>Plants</i> , 2019 , 8,	4.5	6
12	A simple method of investigating mutations in CHEK2 by DHPLC: a study of the German populations of Saxony, Saxony-Anhalt, and Thuringia. <i>Cancer Genetics and Cytogenetics</i> , 2010 , 199, 48-52		6
11	Expression Analysis of Genes in Root Tips and Nodules of. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	5

10	Expression of both Arabidopsis β tubulin genes is essential for development of a functional syncytium induced by <i>Heterodera schachtii</i> . <i>Plant Cell Reports</i> , 2018 , 37, 1279-1292	5.1	4
9	FMO1 Is Involved in Excess Light Stress-Induced Signal Transduction and Cell Death Signaling. <i>Cells</i> , 2020 , 9,	7.9	4
8	Effect of short-term aluminum stress and mycorrhizal inoculation on nitric oxide metabolism in <i>Medicago truncatula</i> roots. <i>Journal of Plant Physiology</i> , 2018 , 220, 145-154	3.6	4
7	Salicylic Acid Accumulation Controlled by LSD1 Is Essential in Triggering Cell Death in Response to Abiotic Stress. <i>Cells</i> , 2021 , 10,	7.9	3
6	EDS1-Dependent Cell Death and the Antioxidant System in Leaves is Deregulated by the Mammalian Bax. <i>Cells</i> , 2020 , 9,	7.9	2
5	Novel Role of JAC1 in Influencing Photosynthesis, Stomatal Conductance, and Photooxidative Stress Signalling Pathway in. <i>Frontiers in Plant Science</i> , 2020 , 11, 1124	6.2	2
4	MITOGEN-ACTIVATED PROTEIN KINASE 4 impacts leaf development, temperature, and stomatal movement in hybrid aspen. <i>Plant Physiology</i> , 2021 , 186, 2190-2204	6.6	2
3	Phototropin 1 and 2 Influence Photosynthesis, UV-C Induced Photooxidative Stress Responses, and Cell Death. <i>Cells</i> , 2021 , 10,	7.9	2
2	Organization and ultrastructure of <i>Medicago truncatula</i> root apical meristem 2020 , 709-709		1
1	Organization and ultrastructure of <i>Medicago truncatula</i> root nodule meristem 2020 , 726-740		