

# Weronika Czarnocka

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

1,158  
citations

686830

13  
h-index

552369

26  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1535  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.3	415
2	Light acclimation, retrograde signalling, cell death and immune defences in plants. <i>Plant, Cell and Environment</i> , 2013, 36, 736-744.	2.8	162
3	LESION SIMULATING DISEASE1, ENHANCED DISEASE SUSCEPTIBILITY1, and PHYTOALEXIN DEFICIENT4 Conditionally Regulate Cellular Signaling Homeostasis, Photosynthesis, Water Use Efficiency, and Seed Yield in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2013, 161, 1795-1805.	2.3	110
4	<scp>LESION SIMULATING DISEASE</scp> 1 and <scp>ENHANCED DISEASE SUSCEPTIBILITY</scp> 1 differentially regulate <scp>UV</scp>â€œ<scp>C</scp>â€œinduced photooxidative stress signalling and programmed cell death in <scp><i>A</i></scp><scp><i>rabidopsis thaliana</i></scp>. <i>Plant, Cell and Environment</i> , 2015, 38, 315-330.	2.8	73
5	Role of phytochromes A and B in the regulation of cell death and acclimatory responses to UV stress in <i>Arabidopsis thaliana</i>. <i>Journal of Experimental Botany</i> , 2015, 66, 6679-6695.	2.4	52
6	PAD4, LSD1 and EDS1 regulate drought tolerance, plant biomass production, and cell wall properties. <i>Plant Cell Reports</i> , 2016, 35, 527-539.	2.8	48
7	Systemic changes in photosynthesis and reactive oxygen species homeostasis in shoots of <i>Arabidopsis thaliana</i> infected with the beet cyst nematode <i>Heterodera schachtii</i>. <i>Molecular Plant Pathology</i> , 2018, 19, 1690-1704.	2.0	38
8	Multivariable environmental conditions promote photosynthetic adaptation potential in <i>Arabidopsis thaliana</i> . <i>Journal of Plant Physiology</i> , 2013, 170, 548-559.	1.6	37
9	The dual role of LESION SIMULATING DISEASE 1 as a conditionâ€dependent scaffold protein and transcription regulator. <i>Plant, Cell and Environment</i> , 2017, 40, 2644-2662.	2.8	36
10	Expression Analysis of PIN Genes in Root Tips and Nodules of <i>Medicago truncatula</i> . <i>International Journal of Molecular Sciences</i> , 2016, 17, 1197.	1.8	22
11	LSD1â€€, EDS1â€€, and PAD4â€€dependent conditional correlation among salicylic acid, hydrogen peroxide, water use efficiency and seed yield in <i>Arabidopsis thaliana</i>. <i>Physiologia Plantarum</i> , 2019, 165, 369-382.	2.6	19
12	FMO1 Is Involved in Excess Light Stress-Induced Signal Transduction and Cell Death Signaling. <i>Cells</i> , 2020, 9, 2163.	1.8	19
13	Mitogen activated protein kinase 4 (MPK4) influences growth in <i>Populus tremula L.</i> â€tremuloides. <i>Environmental and Experimental Botany</i> , 2016, 130, 189-205.	2.0	17
14	Transcriptomic Changes in <i>Medicago truncatula</i> and <i>Lotus japonicus</i> Root Nodules during Drought Stress. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1204.	1.8	14
15	Expression Analysis of PIN Genes in Root Tips and Nodules of <i>Lotus japonicus</i> . <i>International Journal of Molecular Sciences</i> , 2019, 20, 235.	1.8	14
16	ENHANCED DISEASE SUSCEPTIBILITY 1 (EDS1) affects development, photosynthesis, and hormonal homeostasis in hybrid aspen ( <i>Populus tremula L.</i> â€tremuloides ). <i>Journal of Plant Physiology</i> , 2018, 226, 91-102.	1.6	13
17	Salicylic Acid Accumulation Controlled by LSD1 Is Essential in Triggering Cell Death in Response to Abiotic Stress. <i>Cells</i> , 2021, 10, 962.	1.8	12
18	Biotechnological Potential of LSD1, EDS1, and PAD4 in the Improvement of Crops and Industrial Plants. <i>Plants</i> , 2019, 8, 290.	1.6	10

#	ARTICLE	IF	CITATIONS
19	MITOGEN-ACTIVATED PROTEIN KINASE 4 impacts leaf development, temperature, and stomatal movement in hybrid aspen. <i>Plant Physiology</i> , 2021, 186, 2190-2204.	2.3	10
20	Phototropin 1 and 2 Influence Photosynthesis, UV-C Induced Photooxidative Stress Responses, and Cell Death. <i>Cells</i> , 2021, 10, 200.	1.8	8
21	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.	1.6	7
22	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.	1.0	6
23	Expression of both <i>Arabidopsis</i> $\beta$ -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.	2.8	6
24	Novel Role of JAC1 in Influencing Photosynthesis, Stomatal Conductance, and Photooxidative Stress Signalling Pathway in <i>Arabidopsis thaliana</i> . <i>Frontiers in Plant Science</i> , 2020, 11, 1124.	1.7	5
25	EDS1-Dependent Cell Death and the Antioxidant System in <i>Arabidopsis</i> Leaves is Deregulated by the Mammalian Bax. <i>Cells</i> , 2020, 9, 2454.	1.8	3