Karolina M Pajerowska-Mukhtar

List of Publications by Year
in descending order

29 papers	3,177 citations	430874 18 h-index	477307 29 g-index
29 all docs	29 docs citations	29 times ranked	4283 citing authors

#	ARTICLE	IF	CITATIONS
1	A TIReless battle: TIR domains in plantâ€“pathogen interactions. Trends in Plant Science, 2022, 27, 426-429.	8.8	4
2	The interplay of GTP-binding protein AGB1 with ER stress sensors IRE1a and IRE1b modulates Arabidopsis unfolded protein response and bacterial immunity. Plant Signaling and Behavior, 2022, 17, 2018857.	2.4	7
3	Toward a Universal Theoretical Framework to Understand Robustness and Resilience: From Cells to Systems. Frontiers in Ecology and Evolution, 2021, 8, .	2.2	8
4	Dynamic Regulatory Event Mining by iDREM in Large-Scale Multi-omics Datasets During Biotic and Abiotic Stress in Plants. Methods in Molecular Biology, 2021, 2328, 191-202.	0.9	3
5	UPR signaling at the nexus of plant viral, bacterial, and fungal defenses. Current Opinion in Virology, 2021, 47, 9-17.	5.4	18
6	A Quantitative Arabidopsis IRE1a Ribonuclease-Dependent in vitro mRNA Cleavage Assay for Functional Studies of Substrate Splicing and Decay Activities. Frontiers in Plant Science, 2021, 12, 707378.	3.6	4
7	Multilevel regulation of endoplasmic reticulum stress responses in plants: where old roads and new paths meet. Journal of Experimental Botany, 2020, 71, 1659-1667.	4.8	45
8	Probing natural variation of IRE1 expression and endoplasmic reticulum stress responses in Arabidopsis accessions. Scientific Reports, 2020, 10, 19154.	3.3	8
9	Arabidopsis GCN2 kinase contributes to ABA homeostasis and stomatal immunity. Communications Biology, 2019, 2, 302.	4.4	41
10	NPR1 in JazzSet with Pathogen Effectors. Trends in Plant Science, 2018, 23, 469-472.	8.8	25
11	Pathogen Tactics to Manipulate Plant Cell Death. Current Biology, 2016, 26, R608-R619.	3.9	81
12	Bacterial Leaf Infiltration Assay for Fine Characterization of Plant Defense Responses using the Arabidopsis thaliana-Pseudomonas syringae Pathosystem. Journal of Visualized Experiments, 2015, , .	0.3	35
13	Endoplasmic Reticulum Stress Signaling in Plant Immunityâ€”At the Crossroad of Life and Death. International Journal of Molecular Sciences, 2015, 16, 26582-26598.	4.1	67
14	An improved high-throughput screening assay for tunicamycin sensitivity in Arabidopsis seedlings. Frontiers in Plant Science, 2015, 6, 663.	3.6	18
15	Characterization ofArabidopsis thalianaGCN2 kinase roles in seed germination and plant development. Plant Signaling and Behavior, 2015, 10, e992264.	2.4	30
16	Salicylic acid signalling: new insights and prospects at a quarter-century milestone. Essays in Biochemistry, 2015, 58, 101-113.	4.7	43
17	Arabidopsis thaliana AtGCN2 Kinase is Involved in Disease Resistance against Pathogens with Diverse Life Styles. International Journal of Phytopathology, 2015, 4, 93-104.	0.5	8
18	Roles of the Plant Immune Response in Root Nodule Symbiosis. International Journal of Plant & Soil Science, 2015, 7, 228-237.	0.2	1

#	Article	IF	Citations
19	Salicylic acid: an old hormone up to new tricks. Molecular Plant Pathology, 2013, 14, 623-634.	4.2	122
20	Tell me more: roles of NPRs in plant immunity. Trends in Plant Science, 2013, 18, 402-411.	8.8	169
21	Eukaryotic Endoplasmic Reticulum Stress-Sensing Mechanisms. Advances in Life Sciences, 2013, 2, 148-155.	1.0	2
22	IRE1/bZIP60-Mediated Unfolded Protein Response Plays Distinct Roles in Plant Immunity and Abiotic Stress Responses. PLoS ONE, 2012, 7, e31944.	2.5	200
23	The HSF-like Transcription Factor TBF1 Is a Major Molecular Switch for Plant Growth-to-Defense Transition. Current Biology, 2012, 22, 103-112.	3.9	231
24	A kiss of deathâ€"proteasome-mediated membrane fusion and programmed cell death in plant defense against bacterial infection: Figure 1.. Genes and Development, 2009, 23, 2449-2454.	5.9	30
25	Receptor quality control in the endoplasmic reticulum for plant innate immunity. EMBO Journal, 2009, 28, 3439-3449.	7.8	235
26	Single Nucleotide Polymorphisms in the Allene Oxide Synthase 2 Gene Are Associated With Field Resistance to Late Blight in Populations of Tetraploid Potato Cultivars. Genetics, 2009, 181, 1115-1127.	2.9	77
27	Natural variation of potato allene oxide synthase 2 causes differential levels of jasmonates and pathogen resistance in Arabidopsis. Planta, 2008, 228, 293-306.	3.2	48
28	Plant Immunity Requires Conformational Charges of NPR1 via S-Nitrosylation and Thioredoxins. Science, 2008, 321, 952-956.	12.6	964
29	Salicylic Acid Inhibits Pathogen Growth in Plants through Repression of the Auxin Signaling Pathway. Current Biology, 2007, 17, 1784-1790.	3.9	653