

Karolina M Pajerowska-Mukhtar

List of Publications by Year in descending order

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29
papers

3,177
citations

430874

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docs citations

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times ranked

4283
citing authors

#	ARTICLE	IF	CITATIONS
1	Plant Immunity Requires Conformational Changes of NPR1 via S-Nitrosylation and Thioredoxins. <i>Science</i> , 2008, 321, 952-956.	12.6	964
2	Salicylic Acid Inhibits Pathogen Growth in Plants through Repression of the Auxin Signaling Pathway. <i>Current Biology</i> , 2007, 17, 1784-1790.	3.9	653
3	Receptor quality control in the endoplasmic reticulum for plant innate immunity. <i>EMBO Journal</i> , 2009, 28, 3439-3449.	7.8	235
4	The HSF-like Transcription Factor TBF1 Is a Major Molecular Switch for Plant Growth-to-Defense Transition. <i>Current Biology</i> , 2012, 22, 103-112.	3.9	231
5	IRE1/bZIP60-Mediated Unfolded Protein Response Plays Distinct Roles in Plant Immunity and Abiotic Stress Responses. <i>PLoS ONE</i> , 2012, 7, e31944.	2.5	200
6	Tell me more: roles of NPRs in plant immunity. <i>Trends in Plant Science</i> , 2013, 18, 402-411.	8.8	169
7	Salicylic acid: an old hormone up to new tricks. <i>Molecular Plant Pathology</i> , 2013, 14, 623-634.	4.2	122
8	Pathogen Tactics to Manipulate Plant Cell Death. <i>Current Biology</i> , 2016, 26, R608-R619.	3.9	81
9	Single Nucleotide Polymorphisms in the Allene Oxide Synthase 2 Gene Are Associated With Field Resistance to Late Blight in Populations of Tetraploid Potato Cultivars. <i>Genetics</i> , 2009, 181, 1115-1127.	2.9	77
10	Endoplasmic Reticulum Stress Signaling in Plant Immunity—At the Crossroad of Life and Death. <i>International Journal of Molecular Sciences</i> , 2015, 16, 26582-26598.	4.1	67
11	Natural variation of potato allene oxide synthase 2 causes differential levels of jasmonates and pathogen resistance in <i>Arabidopsis</i> . <i>Planta</i> , 2008, 228, 293-306.	3.2	48
12	Multilevel regulation of endoplasmic reticulum stress responses in plants: where old roads and new paths meet. <i>Journal of Experimental Botany</i> , 2020, 71, 1659-1667.	4.8	45
13	Salicylic acid signalling: new insights and prospects at a quarter-century milestone. <i>Essays in Biochemistry</i> , 2015, 58, 101-113.	4.7	43
14	<i>Arabidopsis</i> GCN2 kinase contributes to ABA homeostasis and stomatal immunity. <i>Communications Biology</i> , 2019, 2, 302.	4.4	41
15	Bacterial Leaf Infiltration Assay for Fine Characterization of Plant Defense Responses using the <i>Arabidopsis thaliana</i> - <i>Pseudomonas syringae</i> Pathosystem. <i>Journal of Visualized Experiments</i> , 2015, , .	0.3	35
16	A kiss of death—proteasome-mediated membrane fusion and programmed cell death in plant defense against bacterial infection: Figure 1.. <i>Genes and Development</i> , 2009, 23, 2449-2454.	5.9	30
17	Characterization of <i>Arabidopsis thaliana</i> GCN2 kinase roles in seed germination and plant development. <i>Plant Signaling and Behavior</i> , 2015, 10, e992264.	2.4	30
18	NPR1 in JazzSet with Pathogen Effectors. <i>Trends in Plant Science</i> , 2018, 23, 469-472.	8.8	25

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19	An improved high-throughput screening assay for tunicamycin sensitivity in Arabidopsis seedlings. <i>Frontiers in Plant Science</i> , 2015, 6, 663.	3.6	18
20	UPR signaling at the nexus of plant viral, bacterial, and fungal defenses. <i>Current Opinion in Virology</i> , 2021, 47, 9-17.	5.4	18
21	Probing natural variation of IRE1 expression and endoplasmic reticulum stress responses in Arabidopsis accessions. <i>Scientific Reports</i> , 2020, 10, 19154.	3.3	8
22	Toward a Universal Theoretical Framework to Understand Robustness and Resilience: From Cells to Systems. <i>Frontiers in Ecology and Evolution</i> , 2021, 8, .	2.2	8
23	Arabidopsis thaliana AtGCN2 Kinase is Involved in Disease Resistance against Pathogens with Diverse Life Styles. <i>International Journal of Phytopathology</i> , 2015, 4, 93-104.	0.5	8
24	The interplay of GTP-binding protein AGB1 with ER stress sensors IRE1a and IRE1b modulates Arabidopsis unfolded protein response and bacterial immunity. <i>Plant Signaling and Behavior</i> , 2022, 17, 2018857.	2.4	7
25	A Quantitative Arabidopsis IRE1a Ribonuclease-Dependent in vitro mRNA Cleavage Assay for Functional Studies of Substrate Splicing and Decay Activities. <i>Frontiers in Plant Science</i> , 2021, 12, 707378.	3.6	4
26	A TIReless battle: TIR domains in plant–pathogen interactions. <i>Trends in Plant Science</i> , 2022, 27, 426-429.	8.8	4
27	Dynamic Regulatory Event Mining by iDREM in Large-Scale Multi-omics Datasets During Biotic and Abiotic Stress in Plants. <i>Methods in Molecular Biology</i> , 2021, 2328, 191-202.	0.9	3
28	Eukaryotic Endoplasmic Reticulum Stress-Sensing Mechanisms. <i>Advances in Life Sciences</i> , 2013, 2, 148-155.	1.0	2
29	Roles of the Plant Immune Response in Root Nodule Symbiosis. <i>International Journal of Plant & Soil Science</i> , 2015, 7, 228-237.	0.2	1