Antje Heese

List of Publications by Year
in descending order

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23	2,910	516710 16	642732 23
papers	citations	h-index	g-index

24	24	24	3265
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The receptor-like kinase SERK3/BAK1 is a central regulator of innate immunity in plants. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 12217-12222.	7.1	998
2	Direct Ubiquitination of Pattern Recognition Receptor FLS2 Attenuates Plant Innate Immunity. Science, 2011, 332, 1439-1442.	12.6	510
3	Bacterial Effectors Target the Common Signaling Partner BAK1 to Disrupt Multiple MAMP Receptor-Signaling Complexes and Impede Plant Immunity. Cell Host and Microbe, 2008, 4, 17-27.	11.0	498
4	Sensitivity to Flg22 Is Modulated by Ligand-Induced Degradation and de Novo Synthesis of the Endogenous Flagellin-Receptor FLAGELLIN-SENSING2 Â. Plant Physiology, 2014, 164, 440-454.	4.8	128
5	Rapid bioassay to measure early reactive oxygen species production in Arabidopsis leave tissue in response to living Pseudomonas syringae. Plant Methods, 2014, 10, 6.	4.3	107
6	Ligand-induced monoubiquitination of BIK1 regulates plant immunity. Nature, 2020, 581, 199-203.	27.8	99
7	Loss of Arabidopsis thaliana Dynamin-Related Protein 2B Reveals Separation of Innate Immune Signaling Pathways. PLoS Pathogens, 2014, 10, e1004578.	4.7	96
8	TheArabidopsisDynamin-Related Protein2 Family Is Essential for Gametophyte Development Â. Plant Cell, 2010, 22, 3218-3231.	6.6	88
9	Novel Functions of Stomatal Cytokinesis-Defective 1 (SCD1) in Innate Immune Responses against Bacteria. Journal of Biological Chemistry, 2010, 285, 23342-23350.	3.4	60
10	The Major Specificity-Determining Amino Acids of the Tomato Cf-9 Disease Resistance Protein Are at Hypervariable Solvent-Exposed Positions in the Central Leucine-Rich Repeats. Molecular Plant-Microbe Interactions, 2009, 22, 1203-1213.	2.6	46
11	Rapid Phosphorylation of a Syntaxin during the Avr9/Cf-9-Race-Specific Signaling Pathway. Plant Physiology, 2005, 138, 2406-2416.	4.8	41
12	Never Walk Alone: Clathrin-Coated Vesicle (CCV) Components in Plant Immunity. Annual Review of Phytopathology, 2019, 57, 387-409.	7.8	40
13	Nucleotide sequence of a cDNA encoding an Arabidopsis cyclophilin-like protein. Plant Molecular Biology, 1992, 19, 529-530.	3.9	31
14	Proteomic characterization of isolated Arabidopsis clathrin-coated vesicles reveals evolutionarily conserved and plant-specific components. Plant Cell, 2022, 34, 2150-2173.	6.6	31
15	Isolation of Microsomal Membrane Proteins from Arabidopsis thaliana. Current Protocols in Plant Biology, 2016, 1, 217-234.	2.8	28
16	EPSIN1 Modulates the Plasma Membrane Abundance of FLAGELLIN SENSING2 for Effective Immune Responses. Plant Physiology, 2020, 182, 1762-1775.	4.8	22
17	Increased callose deposition in plants lacking DYNAMIN-RELATED PROTEIN 2B is dependent upon POWDERY MILDEW RESISTANT 4. Plant Signaling and Behavior, 2016, 11, e1244594.	2.4	15
18	Trans-Golgi network/early endosome: a central sorting station for cargo proteins in plant immunity. Current Opinion in Plant Biology, 2017, 40, 114-121.	7.1	14

#	Article	IF	Citations
19	Staining and automated image quantification of callose in Arabidopsis cotyledons and leaves. Methods in Cell Biology, 2020, 160, 181-199.	1.1	14
20	DYNAMIN-RELATED PROTEIN DRP1A functions with DRP2B in plant growth, flg22-immune responses, and endocytosis. Plant Physiology, 2021, 185, 1986-2002.	4.8	14
21	Simplified Enrichment of Plasma Membrane Proteins from Arabidopsis thaliana Seedlings Using Differential Centrifugation and Brij-58 Treatment. Methods in Molecular Biology, 2017, 1564, 155-168.	0.9	12
22	Quantitative Analysis of Ligand-Induced Endocytosis of FLAGELLIN-SENSING 2 Using Automated Image Segmentation. Methods in Molecular Biology, 2017, 1578, 39-54.	0.9	12
23	A Re-elicitation Assay to Correlate flg22-Signaling Competency with Ligand-Induced Endocytic Degradation of the FLS2 Receptor. Methods in Molecular Biology, 2014, 1209, 149-162.	0.9	3