

Antje Heese

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

2,910
citations

516710

16
h-index

642732

23
g-index

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all docs

24
docs citations

24
times ranked

3265
citing authors

#	ARTICLE	IF	CITATIONS
1	Proteomic characterization of isolated Arabidopsis clathrin-coated vesicles reveals evolutionarily conserved and plant-specific components. <i>Plant Cell</i> , 2022, 34, 2150-2173.	6.6	31
2	DYNAMIN-RELATED PROTEIN DRP1A functions with DRP2B in plant growth, flg22-immune responses, and endocytosis. <i>Plant Physiology</i> , 2021, 185, 1986-2002.	4.8	14
3	Staining and automated image quantification of callose in Arabidopsis cotyledons and leaves. <i>Methods in Cell Biology</i> , 2020, 160, 181-199.	1.1	14
4	Ligand-induced monoubiquitination of BIK1 regulates plant immunity. <i>Nature</i> , 2020, 581, 199-203.	27.8	99
5	EPSIN1 Modulates the Plasma Membrane Abundance of FLAGELLIN SENSING2 for Effective Immune Responses. <i>Plant Physiology</i> , 2020, 182, 1762-1775.	4.8	22
6	Never Walk Alone: Clathrin-Coated Vesicle (CCV) Components in Plant Immunity. <i>Annual Review of Phytopathology</i> , 2019, 57, 387-409.	7.8	40
7	Trans-Golgi network/early endosome: a central sorting station for cargo proteins in plant immunity. <i>Current Opinion in Plant Biology</i> , 2017, 40, 114-121.	7.1	14
8	Simplified Enrichment of Plasma Membrane Proteins from Arabidopsis thaliana Seedlings Using Differential Centrifugation and Brij-58 Treatment. <i>Methods in Molecular Biology</i> , 2017, 1564, 155-168.	0.9	12
9	Quantitative Analysis of Ligand-Induced Endocytosis of FLAGELLIN-SENSING 2 Using Automated Image Segmentation. <i>Methods in Molecular Biology</i> , 2017, 1578, 39-54.	0.9	12
10	Isolation of Microsomal Membrane Proteins from Arabidopsis thaliana. <i>Current Protocols in Plant Biology</i> , 2016, 1, 217-234.	2.8	28
11	Increased callose deposition in plants lacking DYNAMIN-RELATED PROTEIN 2B is dependent upon POWDERY MILDEW RESISTANT 4. <i>Plant Signaling and Behavior</i> , 2016, 11, e1244594.	2.4	15
12	Loss of Arabidopsis thaliana Dynamin-Related Protein 2B Reveals Separation of Innate Immune Signaling Pathways. <i>PLoS Pathogens</i> , 2014, 10, e1004578.	4.7	96
13	Sensitivity to Flg22 Is Modulated by Ligand-Induced Degradation and de Novo Synthesis of the Endogenous Flagellin-Receptor FLAGELLIN-SENSING2. <i>Plant Physiology</i> , 2014, 164, 440-454.	4.8	128
14	Rapid bioassay to measure early reactive oxygen species production in Arabidopsis leaf tissue in response to living Pseudomonas syringae. <i>Plant Methods</i> , 2014, 10, 6.	4.3	107
15	A Re-elicitation Assay to Correlate flg22-Signaling Competency with Ligand-Induced Endocytic Degradation of the FLS2 Receptor. <i>Methods in Molecular Biology</i> , 2014, 1209, 149-162.	0.9	3
16	Direct Ubiquitination of Pattern Recognition Receptor FLS2 Attenuates Plant Innate Immunity. <i>Science</i> , 2011, 332, 1439-1442.	12.6	510
17	The Arabidopsis Dynamin-Related Protein2 Family Is Essential for Gametophyte Development. <i>Plant Cell</i> , 2010, 22, 3218-3231.	6.6	88
18	Novel Functions of Stomatal Cytokinesis-Defective 1 (SCD1) in Innate Immune Responses against Bacteria. <i>Journal of Biological Chemistry</i> , 2010, 285, 23342-23350.	3.4	60

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19	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. <i>Molecular Plant-Microbe Interactions</i> , 2009, 22, 1203-1213.	2.6	46
20	Bacterial Effectors Target the Common Signaling Partner BAK1 to Disrupt Multiple MAMP Receptor-Signaling Complexes and Impede Plant Immunity. <i>Cell Host and Microbe</i> , 2008, 4, 17-27.	11.0	498
21	The receptor-like kinase SERK3/BAK1 is a central regulator of innate immunity in plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 12217-12222.	7.1	998
22	Rapid Phosphorylation of a Syntaxin during the Avr9/Cf-9-Race-Specific Signaling Pathway. <i>Plant Physiology</i> , 2005, 138, 2406-2416.	4.8	41
23	Nucleotide sequence of a cDNA encoding an Arabidopsis cyclophilin-like protein. <i>Plant Molecular Biology</i> , 1992, 19, 529-530.	3.9	31