

# Andrea Pitzschke

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

4,347  
citations

304743

22  
h-index

454955

30  
g-index

32  
all docs

32  
docs citations

32  
times ranked

5316  
citing authors

#	ARTICLE	IF	CITATIONS
1	Emerging MAP kinase pathways in plant stress signalling. <i>Trends in Plant Science</i> , 2005, 10, 339-346.	8.8	617
2	MAPK cascade signalling networks in plant defence. <i>Current Opinion in Plant Biology</i> , 2009, 12, 421-426.	7.1	612
3	Reactive Oxygen Species Signaling in Plants. <i>Antioxidants and Redox Signaling</i> , 2006, 8, 1757-1764.	5.4	300
4	Seven <i>Lotus japonicus</i> Genes Required for Transcriptional Reprogramming of the Root during Fungal and Bacterial Symbiosis. <i>Plant Cell</i> , 2005, 17, 2217-2229.	6.6	293
5	Trojan Horse Strategy in <i>Agrobacterium</i> Transformation: Abusing MAPK Defense Signaling. <i>Science</i> , 2007, 318, 453-456.	12.6	251
6	A Major Role of the MEK1/MKK1/2-MPK4 Pathway in ROS Signalling. <i>Molecular Plant</i> , 2009, 2, 120-137.	8.3	250
7	The <i>Arabidopsis</i> Mitogen-Activated Protein Kinase Kinase MKK3 Is Upstream of Group C Mitogen-Activated Protein Kinases and Participates in Pathogen Signaling. <i>Plant Cell</i> , 2007, 19, 3266-3279.	6.6	234
8	Allene oxide cyclase dependence of the wound response and vascular bundle-specific generation of jasmonates in tomato - amplification in wound signalling. <i>Plant Journal</i> , 2003, 33, 577-589.	5.7	226
9	New insights into an old story: <i>Agrobacterium</i> -induced tumour formation in plants by plant transformation. <i>EMBO Journal</i> , 2010, 29, 1021-1032.	7.8	216
10	Mitogen-Activated Protein Kinases and Reactive Oxygen Species Signaling in Plants. <i>Plant Physiology</i> , 2006, 141, 351-356.	4.8	199
11	Brassinosteroid-regulated GSK3/Shaggy-like Kinases Phosphorylate Mitogen-activated Protein (MAP) Kinase Kinases, Which Control Stomata Development in <i>Arabidopsis thaliana</i> . <i>Journal of Biological Chemistry</i> , 2013, 288, 7519-7527.	3.4	152
12	VIP1 response elements mediate mitogen-activated protein kinase 3-induced stress gene expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 18414-18419.	7.1	128
13	Disentangling the Complexity of Mitogen-Activated Protein Kinases and Reactive Oxygen Species Signaling. <i>Plant Physiology</i> , 2009, 149, 606-615.	4.8	120
14	Salt Stress in <i>Arabidopsis</i> : Lipid Transfer Protein AZ11 and Its Control by Mitogen-Activated Protein Kinase MPK3. <i>Molecular Plant</i> , 2014, 7, 722-738.	8.3	105
15	Modes of MAPK substrate recognition and control. <i>Trends in Plant Science</i> , 2015, 20, 49-55.	8.8	92
16	<i>Agrobacterium</i> infection and plant defense—transformation success hangs by a thread. <i>Frontiers in Plant Science</i> , 2013, 4, 519.	3.6	85
17	Dominant Repression by <i>Arabidopsis</i> Transcription Factor MYB44 Causes Oxidative Damage and Hypersensitivity to Abiotic Stress. <i>International Journal of Molecular Sciences</i> , 2014, 15, 2517-2537.	4.1	84
18	Developmental Peculiarities and Seed-Borne Endophytes in Quinoa: Omnipresent, Robust Bacilli Contribute to Plant Fitness. <i>Frontiers in Microbiology</i> , 2016, 7, 2.	3.5	84

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19	Tight Interconnection and Multi-Level Control of Arabidopsis MYB44 in MAPK Cascade Signalling. PLoS ONE, 2013, 8, e57547.	2.5	83
20	Proteases in plant root symbiosis. Phytochemistry, 2007, 68, 111-121.	2.9	50
21	Plants make galls to accommodate foreigners: some are friends, most are foes. New Phytologist, 2020, 225, 1852-1872.	7.3	42
22	Poinsettia protoplasts - a simple, robust and efficient system for transient gene expression studies. Plant Methods, 2012, 8, 14.	4.3	37
23	Molecular dynamics in germinating, endophyte-colonized quinoa seeds. Plant and Soil, 2018, 422, 135-154.	3.7	18
24	Bioinformatic and Systems Biology Tools to Generate Testable Models of Signaling Pathways and Their Targets. Plant Physiology, 2010, 152, 460-469.	4.8	17
25	Antioxidative responses during germination in quinoa grown in vitamin Bâ€rich medium. Food Science and Nutrition, 2015, 3, 242-251.	3.4	14
26	Post-Translational Modification and Secretion of Azelaic Acid Induced 1 (AZI1), a Hybrid Proline-Rich Protein from Arabidopsis. International Journal of Molecular Sciences, 2016, 17, 85.	4.1	14
27	Mechanism of MAPK-targeted gene expression unraveled in plants. Cell Cycle, 2010, 9, 18-19.	2.6	6
28	From Bench to Barn: Plant Model Research and its Applications in Agriculture. Advancements in Genetic Engineering, 2013, 02, .	0.1	6
29	Mitogen-activated protein kinase-regulated AZI1 â€“ an attractive candidate for genetic engineering. Plant Signaling and Behavior, 2014, 9, e27764.	2.4	5
30	Tropaeolum Tops Tobacco â€“ Simple and Efficient Transgene Expression in the Order Brassicales. PLoS ONE, 2013, 8, e73355.	2.5	5