

Marketa Pernisova

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

735
citations

759190

12
h-index

940516

16
g-index

20
all docs

20
docs citations

20
times ranked

1119
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytokinins modulate auxin-induced organogenesis in plants via regulation of the auxin efflux. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 3609-3614.	7.1	209
2	The putative sensor histidine kinase CK11 is involved in female gametophyte development in Arabidopsis. Molecular Genetics and Genomics, 2003, 269, 443-453.	2.1	92
3	Illuminating light, cytokinin, and ethylene signalling crosstalk in plant development: Fig. 1.. Journal of Experimental Botany, 2015, 66, 4913-4931.	4.8	90
4	Cytokinins influence root gravitropism via differential regulation of auxin transporter expression and localization in Arabidopsis. New Phytologist, 2016, 212, 497-509.	7.3	54
5	Cell-surface receptors enable perception of extracellular cytokinins. Nature Communications, 2020, 11, 4284.	12.8	47
6	Role of SH3b binding domain in a natural deletion mutant of Kayvirus endolysin LysF1 with a broad range of lytic activity. Virus Genes, 2018, 54, 130-139.	1.6	40
7	Cytokinin signalling regulates organ identity via AHK4 receptor in Arabidopsis. Development (Cambridge), 2018, 145, .	2.5	32
8	Enquiry into the Topology of Plasma Membrane-Localized PIN Auxin Transport Components. Molecular Plant, 2016, 9, 1504-1519.	8.3	28
9	Light Controls Cytokinin Signaling via Transcriptional Regulation of Constitutively Active Sensor Histidine Kinase CK11. Plant Physiology, 2017, 174, 387-404.	4.8	27
10	Developmental roles of Auxin Binding Protein 1 in Arabidopsis thaliana. Plant Science, 2021, 303, 110750.	3.6	26
11	What Has Been Seen Cannot Be Unseen—Detecting Auxin In Vivo. International Journal of Molecular Sciences, 2017, 18, 2736.	4.1	24
12	Cytokinin and Auxin Interactions in Plant Development: Metabolism, Signalling, Transport and Gene Expression. Current Protein and Peptide Science, 2011, 12, 137-147.	1.4	22
13	Auxin Does the SAMba: Auxin Signaling in the Shoot Apical Meristem. Cold Spring Harbor Perspectives in Biology, 2021, 13, a039925.	5.5	15
14	Effect of drought on wheat production in Poland between 1961 and 2019. Crop Science, 2022, 62, 728-743.	1.8	10
15	Aluminum Stress Induces Irreversible Proteomic Changes in the Roots of the Sensitive but Not the Tolerant Genotype of Triticale Seedlings. Plants, 2022, 11, 165.	3.5	9
16	Antibody-mediated modulation of cytokinins in tobacco: organ-specific changes in cytokinin homeostasis. Journal of Experimental Botany, 2018, 69, 441-454.	4.8	8
17	Cytokinin and Auxin Interactions in Plant Development: Metabolism, Signalling, Transport and Gene Expression. Current Protein and Peptide Science, 2011, 999, 1-11.	1.4	0