

Kateřina Malř-nskř;

List of Publications by Year in descending order

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19
papers

1,849
citations

840776

11
h-index

839539

18
g-index

21
all docs

21
docs citations

21
times ranked

2790
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrate-Regulated Auxin Transport by NRT1.1 Defines a Mechanism for Nutrient Sensing in Plants. <i>Developmental Cell</i> , 2010, 18, 927-937.	7.0	870
2	Visualization of Protein Compartmentation within the Plasma Membrane of Living Yeast Cells. <i>Molecular Biology of the Cell</i> , 2003, 14, 4427-4436.	2.1	264
3	Robust heat shock induces eIF2 γ -phosphorylation-independent assembly of stress granules containing eIF3 and 40S ribosomal subunits in budding yeast, <i>Saccharomyces cerevisiae</i> . <i>Journal of Cell Science</i> , 2009, 122, 2078-2088.	2.0	204
4	Distribution of Can1p into stable domains reflects lateral protein segregation within the plasma membrane of living <i>S. cerevisiae</i> cells. <i>Journal of Cell Science</i> , 2004, 117, 6031-6041.	2.0	141
5	Probing plant membranes with FM dyes: tracking, dragging or blocking?. <i>Plant Journal</i> , 2010, 61, 883-892.	5.7	104
6	Brassinosteroid signaling delimits root gravitropism via sorting of the Arabidopsis PIN2 auxin transporter. <i>Nature Communications</i> , 2019, 10, 5516.	12.8	74
7	Differential effect of phosphatidylethanolamine depletion on raft proteins. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2005, 1711, 87-95.	2.6	34
8	Cell wall contributes to the stability of plasma membrane nanodomain organization of <i>Arabidopsis thaliana</i> FLOTILLIN2 and HYPERSENSITIVE INDUCED REACTION1 proteins. <i>Plant Journal</i> , 2020, 101, 619-636.	5.7	30
9	Evolutionary Conserved Cysteines Function as cis-Acting Regulators of Arabidopsis PIN-FORMED 2 Distribution. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2274.	4.1	28
10	Actin depolymerization is able to increase plant resistance against pathogens via activation of salicylic acid signalling pathway. <i>Scientific Reports</i> , 2019, 9, 10397.	3.3	27
11	DIOXYGENASE FOR AUXIN OXIDATION 1 catalyzes the oxidation of IAA amino acid conjugates. <i>Plant Physiology</i> , 2021, 187, 103-115.	4.8	22
12	Using FM Dyes to Study Endomembranes and Their Dynamics in Plants and Cell Suspensions. <i>Methods in Molecular Biology</i> , 2019, 1992, 173-187.	0.9	13
13	Transcription of specific auxin efflux and influx carriers drives auxin homeostasis in tobacco cells. <i>Plant Journal</i> , 2019, 100, 627-640.	5.7	10
14	The Use of FM Dyes to Analyze Plant Endocytosis. <i>Methods in Molecular Biology</i> , 2014, 1209, 1-11.	0.9	10
15	Characterization of ALBA Family Expression and Localization in Arabidopsis thaliana Generative Organs. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1652.	4.1	6
16	Characterisation of Arabidopsis flotillins in response to stresses. <i>Biologia Plantarum</i> , 2019, 63, 144-152.	1.9	6
17	The fission yeast ortholog of eIF3a subunit is not functional in <i>Saccharomyces cerevisiae</i> . <i>Folia Microbiologica</i> , 2006, 51, 555-564.	2.3	1
18	Auxin Transporters Controlling Plant Development. <i>Signaling and Communication in Plants</i> , 2011, , 255-290.	0.7	1

#	ARTICLE	IF	CITATIONS
19	Uniform Structure of Eukaryotic Plasma Membrane: Lateral Domains in Plants. Current Protein and Peptide Science, 2011, 12, 148-155.	1.4	1