Susanne Matschi

List of Publications by Year
in descending order

12	1,388	1040056 9	1199594 12
papers	citations	h-index	g-index

15	15	15	2165
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Activity of guard cell anion channel SLAC1 is controlled by drought-stress signaling kinase-phosphatase pair. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 21425-21430.	7.1	787
2	The Calcium-Dependent Protein Kinase CPK28 Buffers Plant Immunity and Regulates BIK1 Turnover. Cell Host and Microbe, 2014, 16, 605-615.	11.0	208
3	Function of calciumâ€dependent protein kinase <scp>CPK</scp>28 of Arabidopsis thaliana in plant stem elongation and vascular development. Plant Journal, 2013, 73, 883-896.	5.7	104
4	The Calcium-Dependent Protein Kinase CPK28 Regulates Development by Inducing Growth Phase-Specific, Spatially Restricted Alterations in Jasmonic Acid Levels Independent of Defense Responses in Arabidopsis. Plant Cell, 2015, 27, 591-606.	6.6	76
5	The calcium-dependent protein kinase CPK28 negatively regulates the BIK1-mediated PAMP-induced calcium burst. Plant Signaling and Behavior, 2015, 10, e1018497.	2.4	73
6	Constructing functional cuticles: analysis of relationships between cuticle lipid composition, ultrastructure and water barrier function in developing adult maize leaves. Annals of Botany, 2020, 125, 79-91.	2.9	58
7	Structureâ€function analysis of the maize bulliform cell cuticle and its potential role in dehydration and leaf rolling. Plant Direct, 2020, 4, e00282.	1.9	24
8	Transcriptomic network analyses shed light on the regulation of cuticle development in maize leaves. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 12464-12471.	7.1	19
9	Genome-Wide Association Study for Maize Leaf Cuticular Conductance Identifies Candidate Genes Involved in the Regulation of Cuticle Development. G3: Genes, Genomes, Genetics, 2020, 10, 1671-1683.	1.8	13
10	Machine Learning Enables High-Throughput Phenotyping for Analyses of the Genetic Architecture of Bulliform Cell Patterning in Maize. G3: Genes, Genomes, Genetics, 2019, 9, 4235-4243.	1.8	9
11	Integrating GWAS and TWAS to elucidate the genetic architecture of maize leaf cuticular conductance. Plant Physiology, 2022, 189, 2144-2158.	4.8	9
12	The terminal enzymatic step in piperine biosynthesis is coâ€localized with the product piperine in specialized cells of black pepper (Piper nigrum L.). Plant Journal, 2022, 111, 731-747.	5.7	4