

# Susanne Matschi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/590207/publications.pdf>

Version: 2024-02-01

12  
papers

1,388  
citations

1040056

9  
h-index

1199594

12  
g-index

15  
all docs

15  
docs citations

15  
times ranked

2165  
citing authors

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