Tobias Maierhofer

List of Publications by Year
in descending order

13	1,167	759233 12	1125743 13
papers	citations	h-index	g-index

14	14	14	1469
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Stalk cell polar ion transport provide for bladderâ€based salinity tolerance in Chenopodium quinoa. New Phytologist, 2022, 235, 1822-1835.	7.3	8
2	Acidosis-induced activation of anion channel SLAH3 in the flooding-related stress response of Arabidopsis. Current Biology, 2021, 31, 3575-3585.e9.	3.9	29
3	An Optimized Screen Reduces the Number of GA Transporters and Provides Insights Into Nitrate Transporter 1/Peptide Transporter Family Substrate Determinants. Frontiers in Plant Science, 2019, 10, 1106.	3.6	17
4	Anion channel SLAH3 is a regulatory target of chitin receptor-associated kinase PBL27 in microbial stomatal closure. ELife, 2019, 8, .	6.0	48
5	Understanding the Molecular Basis of Salt Sequestration in Epidermal Bladder Cells of Chenopodium quinoa. Current Biology, 2018, 28, 3075-3085.e7.	3.9	98
6	The Receptor-like Pseudokinase GHR1 Is Required for Stomatal Closure. Plant Cell, 2018, 30, 2813-2837.	6.6	95
7	A Tandem Amino Acid Residue Motif in Guard Cell SLAC1 Anion Channel of Grasses Allows for the Control of Stomatal Aperture by Nitrate. Current Biology, 2018, 28, 1370-1379.e5.	3.9	46
8	Silent S-Type Anion Channel Subunit SLAH1 Gates SLAH3 Open for Chloride Root-to-Shoot Translocation. Current Biology, 2016, 26, 2213-2220.	3.9	104
9	<scp>SLAH</scp>3â€type anion channel expressed in poplar secretory epithelia operates in calcium kinase <scp>CPK</scp>â€autonomous manner. New Phytologist, 2016, 210, 922-933.	7.3	16
10	Site- and kinase-specific phosphorylation-mediated activation of SLAC1, a guard cell anion channel stimulated by abscisic acid. Science Signaling, 2014, 7, ra86.	3.6	168
11	A Single-Pore Residue Renders the Arabidopsis Root Anion Channel SLAH2 Highly Nitrate Selective. Plant Cell, 2014, 26, 2554-2567.	6.6	80
12	Multiple Calcium-Dependent Kinases Modulate ABA-Activated Guard Cell Anion Channels. Molecular Plant, 2012, 5, 1409-1412.	8.3	120
13	Stomatal Closure by Fast Abscisic Acid Signaling Is Mediated by the Guard Cell Anion Channel SLAH3 and the Receptor RCAR1. Science Signaling, 2011, 4, ra32.	3.6	338