

# Tobias Maierhofer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5668975/publications.pdf>

Version: 2024-02-01

13  
papers

1,167  
citations

759233

12  
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1125743

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14  
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times ranked

1469  
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#	ARTICLE	IF	CITATIONS
1	Stomatal Closure by Fast Abscisic Acid Signaling Is Mediated by the Guard Cell Anion Channel SLAH3 and the Receptor RCAR1. <i>Science Signaling</i> , 2011, 4, ra32.	3.6	338
2	Site- and kinase-specific phosphorylation-mediated activation of SLAC1, a guard cell anion channel stimulated by abscisic acid. <i>Science Signaling</i> , 2014, 7, ra86.	3.6	168
3	Multiple Calcium-Dependent Kinases Modulate ABA-Activated Guard Cell Anion Channels. <i>Molecular Plant</i> , 2012, 5, 1409-1412.	8.3	120
4	Silent S-Type Anion Channel Subunit SLAH1 Gates SLAH3 Open for Chloride Root-to-Shoot Translocation. <i>Current Biology</i> , 2016, 26, 2213-2220.	3.9	104
5	Understanding the Molecular Basis of Salt Sequestration in Epidermal Bladder Cells of <i>Chenopodium quinoa</i> . <i>Current Biology</i> , 2018, 28, 3075-3085.e7.	3.9	98
6	The Receptor-like Pseudokinase GHR1 Is Required for Stomatal Closure. <i>Plant Cell</i> , 2018, 30, 2813-2837.	6.6	95
7	A Single-Pore Residue Renders the <i>Arabidopsis</i> Root Anion Channel SLAH2 Highly Nitrate Selective. <i>Plant Cell</i> , 2014, 26, 2554-2567.	6.6	80
8	Anion channel SLAH3 is a regulatory target of chitin receptor-associated kinase PBL27 in microbial stomatal closure. <i>ELife</i> , 2019, 8, .	6.0	48
9	A Tandem Amino Acid Residue Motif in Guard Cell SLAC1 Anion Channel of Grasses Allows for the Control of Stomatal Aperture by Nitrate. <i>Current Biology</i> , 2018, 28, 1370-1379.e5.	3.9	46
10	Acidosis-induced activation of anion channel SLAH3 in the flooding-related stress response of <i>Arabidopsis</i> . <i>Current Biology</i> , 2021, 31, 3575-3585.e9.	3.9	29
11	An Optimized Screen Reduces the Number of GA Transporters and Provides Insights Into Nitrate Transporter 1/Peptide Transporter Family Substrate Determinants. <i>Frontiers in Plant Science</i> , 2019, 10, 1106.	3.6	17
12	SLAH3 is a type anion channel expressed in poplar secretory epithelia operates in calcium kinase CPK in an autonomous manner. <i>New Phytologist</i> , 2016, 210, 922-933.	7.3	16
13	Stalk cell polar ion transport provide for bladder-based salinity tolerance in <i>Chenopodium quinoa</i> . <i>New Phytologist</i> , 2022, 235, 1822-1835.	7.3	8