

# Michael Sauer

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

9,602  
citations

159585

30  
h-index

243625

44  
g-index

48  
all docs

48  
docs citations

48  
times ranked

7175  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plant cell biology: PIN polarity maintained. <i>Current Biology</i> , 2021, 31, R449-R451.	3.9	3
2	EPSIN1 and MTV1 define functionally overlapping but molecularly distinct <i>trans</i> -Golgi network subdomains in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 25880-25889.	7.1	36
3	MTV proteins unveil ER- and microtubule-associated compartments in the plant vacuolar trafficking pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 9884-9895.	7.1	23
4	PIN-FORMED and PIN-LIKES auxin transport facilitators. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	95
5	WRKY23 is a component of the transcriptional network mediating auxin feedback on PIN polarity. <i>PLoS Genetics</i> , 2018, 14, e1007177.	3.5	56
6	RIMA-Dependent Nuclear Accumulation of IYO Triggers Auxin-Irreversible Cell Differentiation in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2017, 29, 575-588.	6.6	22
7	PATELLINS are regulators of auxin-mediated PIN1 relocation and plant development in <i>Arabidopsis thaliana</i> . <i>Journal of Cell Science</i> , 2017, 131, .	2.0	29
8	Plant embryogenesis requires AUX/LAX-mediated auxin influx. <i>Development (Cambridge)</i> , 2015, 142, 702-11.	2.5	92
9	Helping Hands for Budding Prospects: ENTH/ANTH/VHS Accessory Proteins in Endocytosis, Vacuolar Transport, and Secretion. <i>Plant Cell</i> , 2014, 26, 4232-4244.	6.6	44
10	Bipolar Plasma Membrane Distribution of Phosphoinositides and Their Requirement for Auxin-Mediated Cell Polarity and Patterning in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2014, 26, 2114-2128.	6.6	144
11	Plant Biology: Gatekeepers of the Road to Protein Perdition. <i>Current Biology</i> , 2014, 24, R27-R29.	3.9	6
12	MTV1 Pull-down Assay in <i>Arabidopsis</i> . <i>Bio-protocol</i> , 2014, 4, .	0.4	1
13	Auxin: simply complicated. <i>Journal of Experimental Botany</i> , 2013, 64, 2565-2577.	4.8	269
14	Specialized functions of the <i>PP2A</i> subfamily catalytic subunits <i>PP2A<sup>C3</sup></i> and <i>PP2A<sup>C4</sup></i> in the distribution of auxin fluxes and development in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2013, 73, 862-872.	5.7	67
15	MTV1 and MTV4 Encode Plant-Specific ENTH and ARF GAP Proteins That Mediate Clathrin-Dependent Trafficking of Vacuolar Cargo from the Trans-Golgi Network. <i>Plant Cell</i> , 2013, 25, 2217-2235.	6.6	60
16	Overexpression of the Auxin Binding PROTEIN1 Modulates PIN-Dependent Auxin Transport in Tobacco Cells. <i>PLoS ONE</i> , 2013, 8, e70050.	2.5	19
17	MINIYO and transcriptional elongation: Lifting the roadblock to differentiation. <i>Transcription</i> , 2012, 3, 25-28.	3.1	12
18	Role of Actin Cytoskeleton in Brassinosteroid Signaling and in Its Integration with the Auxin Response in Plants. <i>Developmental Cell</i> , 2012, 22, 1275-1285.	7.0	127



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37	Interactions among PIN-FORMED and P-Glycoprotein Auxin Transporters in Arabidopsis. <i>Plant Cell</i> , 2007, 19, 131-147.	6.6	387
38	A Molecular Framework for Plant Regeneration. <i>Science</i> , 2006, 311, 385-388.	12.6	312
39	Immunocytochemical techniques for whole-mount in situ protein localization in plants. <i>Nature Protocols</i> , 2006, 1, 98-103.	12.0	201
40	Immunocytochemical technique for protein localization in sections of plant tissues. <i>Nature Protocols</i> , 2006, 1, 104-107.	12.0	63
41	Canalization of auxin flow by Aux/IAA-ARF-dependent feedback regulation of PIN polarity. <i>Genes and Development</i> , 2006, 20, 2902-2911.	5.9	395
42	Maintenance of Embryonic Auxin Distribution for Apical-Basal Patterning by PIN-FORMED-Dependent Auxin Transport in Arabidopsis. <i>Plant Cell</i> , 2005, 17, 2517-2526.	6.6	135
43	In vitro culture of Arabidopsis embryos within their ovules. <i>Plant Journal</i> , 2004, 40, 835-843.	5.7	51
44	Efflux-dependent auxin gradients establish the apical-basal axis of Arabidopsis. <i>Nature</i> , 2003, 426, 147-153.	27.8	1,672
45	Local, Efflux-Dependent Auxin Gradients as a Common Module for Plant Organ Formation. <i>Cell</i> , 2003, 115, 591-602.	28.9	2,313
46	In Vitro Culture of Arabidopsis Embryos. , 0, , 343-354.		0