

# Martin Hartmut Schattat

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

23  
papers

764  
citations

14  
h-index

27  
g-index

27  
ext. papers

1,116  
ext. citations

9.2  
avg, IF

4.03  
L-index

#	Paper	IF	Citations
23	Host-interactor screens of <i>Phytophthora infestans</i> RXLR proteins reveal vesicle trafficking as a major effector-targeted process. <i>Plant Cell</i> , <b>2021</b> , 33, 1447-1471	11.6	13
22	Chloroplasts alter their morphology and accumulate at the pathogen interface during infection by <i>Phytophthora infestans</i> . <i>Plant Journal</i> , <b>2021</b> , 107, 1771-1787	6.9	3
21	Mangroves in the Leaves: Anatomy, Physiology, and Immunity of Epithelial Hydathodes. <i>Annual Review of Phytopathology</i> , <b>2019</b> , 57, 91-116	10.8	12
20	The <i>Xanthomonas</i> effector XopL uncovers the role of microtubules in stromule extension and dynamics in <i>Nicotiana benthamiana</i> . <i>Plant Journal</i> , <b>2018</b> , 93, 856-870	6.9	27
19	Shaping plastid stromules-principles of in vitro membrane tubulation applied in planta. <i>Current Opinion in Plant Biology</i> , <b>2018</b> , 46, 48-54	9.9	10
18	Plastid-Nucleus Distance Alters the Behavior of Stromules. <i>Frontiers in Plant Science</i> , <b>2017</b> , 8, 1135	6.2	25
17	Using intron position conservation for homology-based gene prediction. <i>Nucleic Acids Research</i> , <b>2016</b> , 44, e89	20.1	186
16	Epidermal Pavement Cells of <i>Arabidopsis</i> Have Chloroplasts. <i>Plant Physiology</i> , <b>2016</b> , 171, 723-6	6.6	32
15	The myth of interconnected plastids and related phenomena. <i>Protoplasma</i> , <b>2015</b> , 252, 359-71	3.4	30
14	Simultaneous analysis of apolar phytohormones and 1-aminocyclopropan-1-carboxylic acid by high performance liquid chromatography/electrospray negative ion tandem mass spectrometry via 9-fluorenylmethoxycarbonyl chloride derivatization. <i>Journal of Chromatography A</i> , <b>2014</b> , 1362, 102-9	4.5	22
13	Dynein motion switches from diffusive to directed upon cortical anchoring. <i>Cell</i> , <b>2013</b> , 153, 1526-36	56.2	62
12	Fluorescent protein flow within stromules. <i>Plant Cell</i> , <b>2013</b> , 25, 2771-2	11.6	10
11	Differential coloring reveals that plastids do not form networks for exchanging macromolecules. <i>Plant Cell</i> , <b>2012</b> , 24, 1465-77	11.6	60
10	New insights on stromules: stroma filled tubules extended by independent plastids. <i>Plant Signaling and Behavior</i> , <b>2012</b> , 7, 1132-7	2.5	15
9	Green-to-red photoconvertible mEosFP-aided live imaging in plants. <i>Methods in Enzymology</i> , <b>2012</b> , 504, 163-81	1.7	7
8	Color recovery after photoconversion of H2B::mEosFP allows detection of increased nuclear DNA content in developing plant cells. <i>Plant Physiology</i> , <b>2012</b> , 158, 95-106	6.6	15
7	Induction of stromule formation by extracellular sucrose and glucose in epidermal leaf tissue of <i>Arabidopsis thaliana</i> . <i>BMC Plant Biology</i> , <b>2011</b> , 11, 115	5.3	30

6	Plastid stromule branching coincides with contiguous endoplasmic reticulum dynamics. <i>Plant Physiology</i> , <b>2011</b> , 155, 1667-77	6.6	104
5	Correlated behavior implicates stromules in increasing the interactive surface between plastids and ER tubules. <i>Plant Signaling and Behavior</i> , <b>2011</b> , 6, 715-8	2.5	32
4	In vivo transport of folded EGFP by the DeltapH/TAT-dependent pathway in chloroplasts of <i>Arabidopsis thaliana</i> . <i>Journal of Experimental Botany</i> , <b>2004</b> , 55, 1697-706	7	51
3	A novel vector for efficient gene silencing in plants. <i>Plant Molecular Biology Reporter</i> , <b>2004</b> , 22, 145-153	1.7	5
2	Host-interactor screens of <i>Phytophthora infestans</i> RXLR proteins reveal vesicle trafficking as a major effector-targeted process		1
1	Chloroplasts alter their morphology and accumulate at the pathogen interface during infection by <i>Phytophthora infestans</i>		12