David Scheuring

List of Publications by Year
in descending order

36 papers	1,630 citations	331670 21 h-index	501196 28 g-index
44 all docs	44 docs citations	44 times ranked	1758 citing authors

#	Article	IF	Citations
1	Multiple knockout mutants reveal a high redundancy of phytotoxic compounds contributing to necrotrophic pathogenesis of Botrytis cinerea. PLoS Pathogens, 2022, 18, e1010367.	4.7	45
2	Proteome Analysis of Vacuoles Isolated from Fig (<i>Ficus carica</i> L.) Flesh during Fruit Development. Plant and Cell Physiology, 2022, 63, 785-801.	3.1	2
3	Fast and global reorganization of the chloroplast protein biogenesis network during heat acclimation. Plant Cell, 2022, 34, 1075-1099.	6.6	13
4	CTP Synthase 2 From Arabidopsis thaliana Is Required for Complete Embryo Development. Frontiers in Plant Science, 2021, 12, 652434.	3.6	7
5	Vacuolar occupancy is crucial for cell elongation and growth regardless of the underlying mechanism. Plant Signaling and Behavior, 2021, 16, 1922796.	2.4	3
6	Real-time monitoring of subcellular H2O2 distribution in <i>Chlamydomonas reinhardtii</i>. Plant Cell, 2021, 33, 2935-2949.	6.6	50
7	Differential degradation of RNA species by autophagy-related pathways in Arabidopsis. Journal of Experimental Botany, 2021, 72, 6867-6881.	4.8	5
8	Vacuolar fructose transporter SWEET17 is critical for root development and drought tolerance. Plant Physiology, 2021, 187, 2716-2730.	4.8	50
9	CRISPR/Cas with ribonucleoprotein complexes and transiently selected telomere vectors allows highly efficient marker-free and multiple genome editing in Botrytis cinerea. PLoS Pathogens, 2020, 16, e1008326.	4.7	55
10	On the discovery of an endomembrane compartment in plants. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 10623-10624.	7.1	3
11	To Lead or to Follow: Contribution of the Plant Vacuole to Cell Growth. Frontiers in Plant Science, 2020, 11, 553.	3.6	32
12	Plant Cells under Attack: Unconventional Endomembrane Trafficking during Plant Defense. Plants, 2020, 9, 389.	3.5	24
13	Title is missing!. , 2020, 16, e1008326.		0
14	Title is missing!. , 2020, 16, e1008326.		0
15	Title is missing!. , 2020, 16, e1008326.		0
16	Title is missing!. , 2020, 16, e1008326.		0
17	Title is missing!. , 2020, 16, e1008326.		0
18	Title is missing!. , 2020, 16, e1008326.		0

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19	NET4 Modulates the Compactness of Vacuoles in Arabidopsis thaliana. International Journal of Molecular Sciences, 2019, 20, 4752.	4.1	18
20	Investigations on <scp>VELVET</scp> regulatory mutants confirm the role of host tissue acidification and secretion of proteins in the pathogenesis of <i>Botrytis cinerea</i>. New Phytologist, 2018, 219, 1062-1074.	7.3	76
21	Actin-dependent vacuolar occupancy of the cell determines auxin-induced growth repression. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 452-457.	7.1	130
22	Vacuolar Staining Methods in Plant Cells. Methods in Molecular Biology, 2015, 1242, 83-92.	0.9	50
23	Tricho- and atrichoblast cell files show distinct PIN2 auxin efflux carrier exploitations and are jointly required for defined auxin-dependent root organ growth. Journal of Experimental Botany, 2015, 66, 5103-5112.	4.8	17
24	Auxin regulates SNARE-dependent vacuolar morphology restricting cell size. ELife, 2015, 4, .	6.0	95
25	Intracellular Auxin Transport. , 2014, , 61-73.		4
26	Sorting nexins 1 and 2a locate mainly to the TGN. Protoplasma, 2013, 250, 235-240.	2.1	32
27	The Endoplasmic Reticulum Is the Main Membrane Source for Biogenesis of the Lytic Vacuole in<i>Arabidopsis</i>Â. Plant Cell, 2013, 25, 3434-3449.	6.6	162
28	ER Import Sites and Their Relationship to ER Exit Sites: A New Model for Bidirectional ER-Golgi Transport in Higher Plants. Frontiers in Plant Science, 2012, 3, 143.	3.6	35
29	Trying to make sense of retromer. Trends in Plant Science, 2012, 17, 431-439.	8.8	44
30	Ubiquitin initiates sorting of Golgi and plasma membrane proteins into the vacuolar degradation pathway. BMC Plant Biology, 2012, 12, 164.	3.6	62
31	Multivesicular Bodies Mature from the <i>Trans</i>-Golgi Network/Early Endosome in <i>Arabidopsis</i> Â. Plant Cell, 2011, 23, 3463-3481.	6.6	236
32	ARF1 Localizes to the Golgi and the <i>Trans</i>-Golgi Network. Plant Cell, 2011, 23, 846-849.	6.6	30
33	Retromer recycles vacuolar sorting receptors from the<i>trans</i>-Golgi network. Plant Journal, 2010, 61, 107-121.	5.7	115
34	Sorting of plant vacuolar proteins is initiated in the ER. Plant Journal, 2010, 62, 601-614.	5.7	79
35	The AAA-type ATPase AtSKD1 contributes to vacuolar maintenance of Arabidopsis thaliana. Plant Journal, 2010, 64, no-no.	5.7	59
36	The Syntaxins SYP31 and SYP81 Control ERâ€“Golgi Trafficking in the Plant Secretory Pathway. Traffic, 2008, 9, 1629-1652.	2.7	76