

David Scheuring

List of Publications by Year in descending order

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Version: 2024-02-01

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	Multivesicular Bodies Mature from the <i>Trans</i> -Golgi Network/Early Endosome in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2011, 23, 3463-3481.	6.6	236
2	The Endoplasmic Reticulum Is the Main Membrane Source for Biogenesis of the Lytic Vacuole in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2013, 25, 3434-3449.	6.6	162
3	Actin-dependent vacuolar occupancy of the cell determines auxin-induced growth repression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 452-457.	7.1	130
4	Retromer recycles vacuolar sorting receptors from the <i>trans</i> -Golgi network. <i>Plant Journal</i> , 2010, 61, 107-121.	5.7	115
5	Auxin regulates SNARE-dependent vacuolar morphology restricting cell size. <i>ELife</i> , 2015, 4, .	6.0	95
6	Sorting of plant vacuolar proteins is initiated in the ER. <i>Plant Journal</i> , 2010, 62, 601-614.	5.7	79
7	The Syntaxins SYP31 and SYP81 Control ER-Golgi Trafficking in the Plant Secretory Pathway. <i>Traffic</i> , 2008, 9, 1629-1652.	2.7	76
8	Investigations on <i>VELVET</i> regulatory mutants confirm the role of host tissue acidification and secretion of proteins in the pathogenesis of <i>Botrytis cinerea</i> . <i>New Phytologist</i> , 2018, 219, 1062-1074.	7.3	76
9	Ubiquitin initiates sorting of Golgi and plasma membrane proteins into the vacuolar degradation pathway. <i>BMC Plant Biology</i> , 2012, 12, 164.	3.6	62
10	The AAA-type ATPase AtSKD1 contributes to vacuolar maintenance of <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2010, 64, no-no.	5.7	59
11	CRISPR/Cas with ribonucleoprotein complexes and transiently selected telomere vectors allows highly efficient marker-free and multiple genome editing in <i>Botrytis cinerea</i> . <i>PLoS Pathogens</i> , 2020, 16, e1008326.	4.7	55
12	Vacuolar Staining Methods in Plant Cells. <i>Methods in Molecular Biology</i> , 2015, 1242, 83-92.	0.9	50
13	Real-time monitoring of subcellular H ₂ O ₂ distribution in <i>Chlamydomonas reinhardtii</i> . <i>Plant Cell</i> , 2021, 33, 2935-2949.	6.6	50
14	Vacuolar fructose transporter SWEET17 is critical for root development and drought tolerance. <i>Plant Physiology</i> , 2021, 187, 2716-2730.	4.8	50
15	Multiple knockout mutants reveal a high redundancy of phytotoxic compounds contributing to necrotrophic pathogenesis of <i>Botrytis cinerea</i> . <i>PLoS Pathogens</i> , 2022, 18, e1010367.	4.7	45
16	Trying to make sense of retromer. <i>Trends in Plant Science</i> , 2012, 17, 431-439.	8.8	44
17	ER Import Sites and Their Relationship to ER Exit Sites: A New Model for Bidirectional ER-Golgi Transport in Higher Plants. <i>Frontiers in Plant Science</i> , 2012, 3, 143.	3.6	35
18	Sorting nexins 1 and 2a locate mainly to the TGN. <i>Protoplasma</i> , 2013, 250, 235-240.	2.1	32

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19	To Lead or to Follow: Contribution of the Plant Vacuole to Cell Growth. <i>Frontiers in Plant Science</i> , 2020, 11, 553.	3.6	32
20	ARF1 Localizes to the Golgi and the <i>Trans</i> -Golgi Network. <i>Plant Cell</i> , 2011, 23, 846-849.	6.6	30
21	Plant Cells under Attack: Unconventional Endomembrane Trafficking during Plant Defense. <i>Plants</i> , 2020, 9, 389.	3.5	24
22	NET4 Modulates the Compactness of Vacuoles in <i>Arabidopsis thaliana</i> . <i>International Journal of Molecular Sciences</i> , 2019, 20, 4752.	4.1	18
23	Tricho- and atrichoblast cell files show distinct PIN2 auxin efflux carrier exploitations and are jointly required for defined auxin-dependent root organ growth. <i>Journal of Experimental Botany</i> , 2015, 66, 5103-5112.	4.8	17
24	Fast and global reorganization of the chloroplast protein biogenesis network during heat acclimation. <i>Plant Cell</i> , 2022, 34, 1075-1099.	6.6	13
25	CTP Synthase 2 From <i>Arabidopsis thaliana</i> Is Required for Complete Embryo Development. <i>Frontiers in Plant Science</i> , 2021, 12, 652434.	3.6	7
26	Differential degradation of RNA species by autophagy-related pathways in <i>Arabidopsis</i> . <i>Journal of Experimental Botany</i> , 2021, 72, 6867-6881.	4.8	5
27	Intracellular Auxin Transport. , 2014, , 61-73.		4
28	On the discovery of an endomembrane compartment in plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 10623-10624.	7.1	3
29	Vacuolar occupancy is crucial for cell elongation and growth regardless of the underlying mechanism. <i>Plant Signaling and Behavior</i> , 2021, 16, 1922796.	2.4	3
30	Proteome Analysis of Vacuoles Isolated from Fig (<i>Ficus carica</i> L.) Flesh during Fruit Development. <i>Plant and Cell Physiology</i> , 2022, 63, 785-801.	3.1	2
31	Title is missing!. , 2020, 16, e1008326.		0
32	Title is missing!. , 2020, 16, e1008326.		0
33	Title is missing!. , 2020, 16, e1008326.		0
34	Title is missing!. , 2020, 16, e1008326.		0
35	Title is missing!. , 2020, 16, e1008326.		0
36	Title is missing!. , 2020, 16, e1008326.		0