Erik Nielsen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8887552/publications.pdf

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25 papers	3,717 citations	361413 20 h-index	642732 23 g-index

27 all docs	27 docs citations	27 times ranked	3898 citing authors

#	Article	IF	Citations
1	Plant exocytosis: Weaving distinct pathways to the plant plasma membrane. Molecular Plant, 2022, 15, 382-384.	8.3	2
2	A temperature-sensitive FERONIA mutant allele that alters root hair growth. Plant Physiology, 2021, 185, 405-423.	4.8	22
3	Biochemical and Genetic Analysis Identify CSLD3 as a beta-1,4-Glucan Synthase That Functions during Plant Cell Wall Synthesis. Plant Cell, 2020, 32, 1749-1767.	6.6	49
4	The Small GTPase Superfamily in Plants: A Conserved Regulatory Module with Novel Functions. Annual Review of Plant Biology, 2020, 71, 247-272.	18.7	51
5	The Arabidopsis CSLD5 functions in cell plate formation in a cell cycle dependent manner. Plant Cell, 2016, 28, tpc.00203.2016.	6.6	54
6	Recruitment of PLANT U-BOX13 and the PI4KÎ²1/Î²2 Phosphatidylinositol-4 Kinases by the Small GTPase RabA4B Plays Important Roles during Salicylic Acid-Mediated Plant Defense Signaling in Arabidopsis. Plant Cell, 2015, 27, 243-261.	6.6	112
7	Root Hairs. The Arabidopsis Book, 2014, 12, e0172.	0.5	179
8	Targeting and Regulation of Cell Wall Synthesis During Tip Growth in Plants. Journal of Integrative Plant Biology, 2013, 55, 835-846.	8.5	81
9	Electron Tomography of RabA4bâ€•and PIâ€4KÎ²1â€Labeled Trans Golgi Network Compartments in Arabidopsis. Traffic, 2011, 12, 313-329.	2.7	246
10	Green light for polyphosphoinositide signals in plants. Current Opinion in Plant Biology, 2011, 14, 489-497.	7.1	184
11	A role for CSLD3 during cell-wall synthesis in apical plasma membranes of tip-growing root-hair cells. Nature Cell Biology, 2011, 13, 973-980.	10.3	121
12	Phosphatidylinositol 4-Phosphate is Required for Tip Growth in Arabidopsis thaliana. Plant Cell Monographs, 2010, , 65-77.	0.4	9
13	The Rab GTPase RabA4d Regulates Pollen Tube Tip Growth inArabidopsis thalianaÂ. Plant Cell, 2009, 21, 526-544.	6.6	168
14	Phosphoinositides in plants: novel functions in membrane trafficking. Current Opinion in Plant Biology, 2008, 11, 620-631.	7.1	126
15	ROOT HAIR DEFECTIVE4Encodes a Phosphatidylinositol-4-Phosphate Phosphatase Required for Proper Root Hair Development inArabidopsis thaliana. Plant Cell, 2008, 20, 381-395.	6.6	149
16	The Regulatory RAB and ARF GTPases for Vesicular Trafficking Â. Plant Physiology, 2008, 147, 1516-1526.	4.8	170
17	Rho-GTPaseâ€“dependent filamentous actin dynamics coordinate vesicle targeting and exocytosis during tip growth. Journal of Cell Biology, 2008, 181, 1155-1168.	5.2	211
18	Investigating lipid signalling: it's all about finding the right PI. Biochemical Journal, 2008, 413, e5-e6.	3.7	1

#	Article	IF	Citations
19	The Arabidopsis AAA ATPase SKD1 Is Involved in Multivesicular Endosome Function and Interacts with Its Positive Regulator LYST-INTERACTING PROTEIN5. Plant Cell, 2007, 19, 1295-1312.	6.6	195
20	A role for the RabA4b effector protein PI-4KÎ²1 in polarized expansion of root hair cells in Arabidopsis thaliana. Journal of Cell Biology, 2006, 172, 991-998.	5.2	274
21	Actin-based motility of endosomes is linked to the polar tip growth of root hairs. European Journal of Cell Biology, 2005, 84, 609-621.	3.6	170
22	The Arabidopsis Rab GTPase RabA4b Localizes to the Tips of Growing Root Hair Cells[W]. Plant Cell, 2004, 16, 1589-1603.	6.6	233
23	Analysis of the Small GTPase Gene Superfamily of Arabidopsis. Plant Physiology, 2003, 131, 1191-1208.	4.8	570
24	Rabenosyn-5, a Novel Rab5 Effector, Is Complexed with Hvps45 and Recruited to Endosomes through a Fyve Finger Domain. Journal of Cell Biology, 2000, 151, 601-612.	5.2	338
25	Rab GTPases in Plant Endocytosis. , 0, , 177-195.		2