

AurÃ©lien Boisson-Dernier

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

3,886
citations

279798

23
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552781

26
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docs citations

29
times ranked

4471
citing authors

#	ARTICLE	IF	CITATIONS
1	A Comprehensive Toolkit for Quick and Easy Visualization of Marker Proteins, Protein-Protein Interactions and Cell Morphology in <i>Marchantia polymorpha</i> . <i>Frontiers in Plant Science</i> , 2020, 11, 569194.	3.6	11
2	Overlapping functions and protein-protein interactions of LRR-extensins in <i>Arabidopsis</i> . <i>PLoS Genetics</i> , 2020, 16, e1008847.	3.5	41
3	An Evolutionarily Conserved Receptor-like Kinases Signaling Module Controls Cell Wall Integrity During Tip Growth. <i>Current Biology</i> , 2019, 29, 3899-3908.e3.	3.9	27
4	Plant Malectin-Like Receptor Kinases: From Cell Wall Integrity to Immunity and Beyond. <i>Annual Review of Plant Biology</i> , 2018, 69, 301-328.	18.7	195
5	The Protein Phosphatases ATUNIS1 and ATUNIS2 Regulate Cell Wall Integrity in Tip-Growing Cells. <i>Plant Cell</i> , 2018, 30, 1906-1923.	6.6	55
6	Imaging Ca ²⁺ Dynamics in Wild-Type and NADPH Oxidase-Deficient Mutant Pollen Tubes with Yellow Cameleon and Confocal Laser Scanning Microscopy. <i>Methods in Molecular Biology</i> , 2017, 1669, 103-116.	0.9	2
7	RALF4/19 peptides interact with LRX proteins to control pollen tube growth in <i>Arabidopsis</i> . <i>Science</i> , 2017, 358, 1600-1603.	12.6	239
8	Differential Regulation of Two-Tiered Plant Immunity and Sexual Reproduction by ANXUR Receptor-Like Kinases. <i>Plant Cell</i> , 2017, 29, 3140-3156.	6.6	89
9	TURAN and EVAN Mediate Pollen Tube Reception in <i>Arabidopsis</i> Synergids through Protein Glycosylation. <i>PLoS Biology</i> , 2015, 13, e1002139.	5.6	55
10	Receptor-like cytoplasmic kinase MARIS functions downstream of CrRLK1L-dependent signaling during tip growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 12211-12216.	7.1	125
11	The pollen tube: a soft shell with a hard core. <i>Plant Journal</i> , 2013, 73, 617-627.	5.7	106
12	ANXUR Receptor-Like Kinases Coordinate Cell Wall Integrity with Growth at the Pollen Tube Tip Via NADPH Oxidases. <i>PLoS Biology</i> , 2013, 11, e1001719.	5.6	242
13	CrRLK1L receptor-like kinases: not just another brick in the wall. <i>Current Opinion in Plant Biology</i> , 2012, 15, 659-669.	7.1	178
14	Characterization of the phosphoproteome of mature <i>Arabidopsis</i> pollen. <i>Plant Journal</i> , 2012, 72, 89-101.	5.7	73
15	The walls have ears: the role of plant CrRLK1Ls in sensing and transducing extracellular signals. <i>Journal of Experimental Botany</i> , 2011, 62, 1581-1591.	4.8	133
16	Carbonic anhydrases are upstream regulators of CO ₂ -controlled stomatal movements in guard cells. <i>Nature Cell Biology</i> , 2010, 12, 87-93.	10.3	364
17	Disruption of the pollen-expressed <i>FERONIA</i> homologs <i>ANXUR1</i> and <i>ANXUR2</i> triggers pollen tube discharge. <i>Development (Cambridge)</i> , 2009, 136, 3279-3288.	2.5	273
18	The Peroxin Loss-of-Function Mutation <i>abstinence</i> by mutual consent Disrupts Male-Female Gametophyte Recognition. <i>Current Biology</i> , 2008, 18, 63-68.	3.9	116

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19	AP2-ERF Transcription Factors Mediate Nod Factor-Dependent Mt <i>ENOD11</i> Activation in Root Hairs via a Novel <i>cis</i> -Regulatory Motif. <i>Plant Cell</i> , 2007, 19, 2866-2885.	6.6	191
20	A hypermorphic mutation in the protein phosphatase 2C HAB1 strongly affects ABA signaling in <i>Arabidopsis</i> . <i>FEBS Letters</i> , 2006, 580, 4691-4696.	2.8	84
21	The Protein Phosphatase AtPP2CA Negatively Regulates Abscisic Acid Signal Transduction in <i>Arabidopsis</i> , and Effects of <i>abh1</i> on AtPP2CA mRNA. <i>Plant Physiology</i> , 2006, 140, 127-139.	4.8	252
22	Mt <i>ENOD11</i> Gene Activation During Rhizobial Infection and Mycorrhizal Arbuscule Development Requires a Common AT-Rich-Containing Regulatory Sequence. <i>Molecular Plant-Microbe Interactions</i> , 2005, 18, 1269-1276.	2.6	61
23	<i>Arabidopsis</i> SOMATIC EMBRYOGENESIS RECEPTOR KINASES1 and 2 Are Essential for Tapetum Development and Microspore Maturation. <i>Plant Cell</i> , 2005, 17, 3350-3361.	6.6	283
24	Transcript enrichment of Nod factor-elicited early nodulin genes in purified root hair fractions of the model legume <i>Medicago truncatula</i> . <i>Journal of Experimental Botany</i> , 2005, 56, 2507-2513.	4.8	26
25	<i>Agrobacterium rhizogenes</i> -Transformed Roots of <i>Medicago truncatula</i> for the Study of Nitrogen-Fixing and Endomycorrhizal Symbiotic Associations. <i>Molecular Plant-Microbe Interactions</i> , 2001, 14, 695-700.	2.6	652