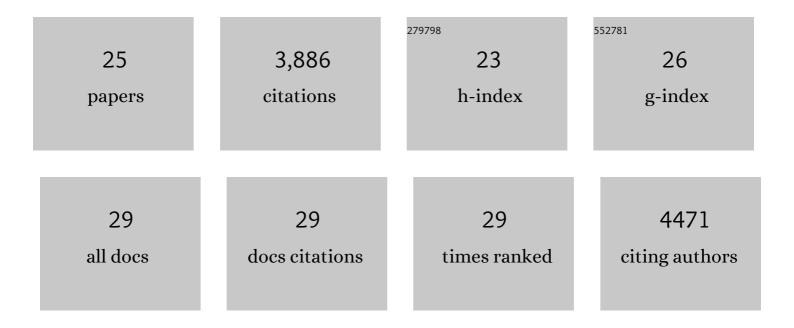
Aurélien Boisson-Dernier

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Agrobacterium rhizogenes-Transformed Roots of Medicago truncatula for the Study of Nitrogen-Fixing and Endomycorrhizal Symbiotic Associations. Molecular Plant-Microbe Interactions, 2001, 14, 695-700.	2.6	652
2	Carbonic anhydrases are upstream regulators of CO2-controlled stomatal movements in guard cells. Nature Cell Biology, 2010, 12, 87-93.	10.3	364
3	Arabidopsis SOMATIC EMBRYOGENESIS RECEPTOR KINASES1 and 2 Are Essential for Tapetum Development and Microspore Maturation. Plant Cell, 2005, 17, 3350-3361.	6.6	283
4	Disruption of the pollen-expressed <i>FERONIA</i> homologs <i>ANXUR1</i> and <i>ANXUR2</i> triggers pollen tube discharge. Development (Cambridge), 2009, 136, 3279-3288.	2.5	273
5	The Protein Phosphatase AtPP2CA Negatively Regulates Abscisic Acid Signal Transduction in Arabidopsis, and Effects of abh1 on AtPP2CA mRNA Â. Plant Physiology, 2006, 140, 127-139.	4.8	252
6	ANXUR Receptor-Like Kinases Coordinate Cell Wall Integrity with Growth at the Pollen Tube Tip Via NADPH Oxidases. PLoS Biology, 2013, 11, e1001719.	5.6	242
7	RALF4/19 peptides interact with LRX proteins to control pollen tube growth in <i>Arabidopsis</i> . Science, 2017, 358, 1600-1603.	12.6	239
8	Plant Malectin-Like Receptor Kinases: From Cell Wall Integrity to Immunity and Beyond. Annual Review of Plant Biology, 2018, 69, 301-328.	18.7	195
9	AP2-ERF Transcription Factors Mediate Nod Factor–Dependent Mt <i>ENOD11</i> Activation in Root Hairs via a Novel <i>cis</i> -Regulatory Motif. Plant Cell, 2007, 19, 2866-2885.	6.6	191
10	CrRLK1L receptor-like kinases: not just another brick in the wall. Current Opinion in Plant Biology, 2012, 15, 659-669.	7.1	178
11	The walls have ears: the role of plant CrRLK1Ls in sensing and transducing extracellular signals. Journal of Experimental Botany, 2011, 62, 1581-1591.	4.8	133
12	Receptor-like cytoplasmic kinase MARIS functions downstream of <i>Cr</i> RLK1L-dependent signaling during tip growth. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 12211-12216.	7.1	125
13	The Peroxin Loss-of-Function Mutation abstinence by mutual consent Disrupts Male-Female Gametophyte Recognition. Current Biology, 2008, 18, 63-68.	3.9	116
14	The pollen tube: a soft shell with a hard core. Plant Journal, 2013, 73, 617-627.	5.7	106
15	Differential Regulation of Two-Tiered Plant Immunity and Sexual Reproduction by ANXUR Receptor-Like Kinases. Plant Cell, 2017, 29, 3140-3156.	6.6	89
16	A hypermorphic mutation in the protein phosphatase 2C HAB1 strongly affects ABA signaling inArabidopsis. FEBS Letters, 2006, 580, 4691-4696.	2.8	84
17	Characterization of the phosphoproteome of mature Arabidopsis pollen. Plant Journal, 2012, 72, 89-101.	5.7	73
18	MtENOD11 Gene Activation During Rhizobial Infection and Mycorrhizal Arbuscule Development Requires a Common AT-Rich-Containing Regulatory Sequence. Molecular Plant-Microbe Interactions, 2005, 18, 1269-1276.	2.6	61

#	Article	IF	CITATIONS
19	TURAN and EVAN Mediate Pollen Tube Reception in Arabidopsis Synergids through Protein Glycosylation. PLoS Biology, 2015, 13, e1002139.	5.6	55
20	The Protein Phosphatases ATUNIS1 and ATUNIS2 Regulate Cell Wall Integrity in Tip-Growing Cells. Plant Cell, 2018, 30, 1906-1923.	6.6	55
21	Overlapping functions and protein-protein interactions of LRR-extensins in Arabidopsis. PLoS Genetics, 2020, 16, e1008847.	3.5	41
22	An Evolutionarily Conserved Receptor-like Kinases Signaling Module Controls Cell Wall Integrity During Tip Growth. Current Biology, 2019, 29, 3899-3908.e3.	3.9	27
23	Transcript enrichment of Nod factor-elicited early nodulin genes in purified root hair fractions of the model legume Medicago truncatula. Journal of Experimental Botany, 2005, 56, 2507-2513.	4.8	26
24	A Comprehensive Toolkit for Quick and Easy Visualization of Marker Proteins, Protein–Protein Interactions and Cell Morphology in Marchantia polymorpha. Frontiers in Plant Science, 2020, 11, 569194.	3.6	11
25	Imaging Ca2+ Dynamics in Wild-Type and NADPH Oxidase-Deficient Mutant Pollen Tubes with Yellow Cameleon and Confocal Laser Scanning Microscopy. Methods in Molecular Biology, 2017, 1669, 103-116.	0.9	2