

Christoph Ringli

List of Publications by Year in descending order

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citations

201674

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42
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docs citations

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times ranked

3201
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation of immune receptor kinase plasma membrane nanoscale organization by a plant peptide hormone and its receptors. <i>ELife</i> , 2022, 11, .	6.0	44
2	Defects in Cell Wall Differentiation of the Arabidopsis Mutant rol1-2 Is Dependent on Cyclin-Dependent Kinase CDK8. <i>Cells</i> , 2021, 10, 685.	4.1	3
3	Overlapping functions and protein-protein interactions of LRR-extensins in Arabidopsis. <i>PLoS Genetics</i> , 2020, 16, e1008847.	3.5	41
4	Linker histones are fine-scale chromatin architects modulating developmental decisions in Arabidopsis. <i>Genome Biology</i> , 2019, 20, 157.	8.8	67
5	Leucine-Rich Repeat Extensin Proteins and Their Role in Cell Wall Sensing. <i>Current Biology</i> , 2019, 29, R851-R858.	3.9	78
6	Extracellular matrix sensing by <i>FERONIA</i> and Leucine-Rich Repeat Extensins controls vacuolar expansion during cellular elongation in <i>Arabidopsis thaliana</i> . <i>EMBO Journal</i> , 2019, 38, .	7.8	158
7	Mutations in the Arabidopsis ROL17/isopropylmalate synthase 1 locus alter amino acid content, modify the TOR network, and suppress the root hair cell development mutant <i>lrx1</i> . <i>Journal of Experimental Botany</i> , 2019, 70, 2313-2323.	4.8	43
8	Transmission Electron Microscopy Imaging to Analyze Chromatin Density Distribution at the Nanoscale Level. <i>Methods in Molecular Biology</i> , 2018, 1675, 633-651.	0.9	6
9	LRX Proteins Play a Crucial Role in Pollen Grain and Pollen Tube Cell Wall Development. <i>Plant Physiology</i> , 2018, 176, 1981-1992.	4.8	79
10	Flavonol-induced changes in PIN2 polarity and auxin transport in the Arabidopsis thaliana rol1-2 mutant require phosphatase activity. <i>Scientific Reports</i> , 2017, 7, 41906.	3.3	41
11	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
12	Characterization of size-dependent mechanical properties of tip-growing cells using a lab-on-chip device. <i>Lab on A Chip</i> , 2017, 17, 82-90.	6.0	31
13	Efficient preparation of Arabidopsis pollen tubes for ultrastructural analysis using chemical and cryo-fixation. <i>BMC Plant Biology</i> , 2017, 17, 176.	3.6	18
14	7-Rhamnosylated Flavonols Modulate Homeostasis of the Plant Hormone Auxin and Affect Plant Development. <i>Journal of Biological Chemistry</i> , 2016, 291, 5385-5395.	3.4	63
15	PECTIN METHYLESTERASE48 Is Involved in Arabidopsis Pollen Grain Germination. <i>Plant Physiology</i> , 2015, 167, 367-380.	4.8	97
16	Arabidopsis leucine-rich repeat extensin (LRX) proteins modify cell wall composition and influence plant growth. <i>BMC Plant Biology</i> , 2015, 15, 155.	3.6	109
17	Ubiquitin-Related Modifiers of Arabidopsis thaliana Influence Root Development. <i>PLoS ONE</i> , 2014, 9, e86862.	2.5	9
18	The cytosolic thiouridylase CTU2 of Arabidopsis thaliana is essential for posttranscriptional thiolation of tRNAs and influences root development. <i>BMC Plant Biology</i> , 2014, 14, 109.	3.6	17

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19	The pollen tube: a soft shell with a hard core. <i>Plant Journal</i> , 2013, 73, 617-627.	5.7	106
20	Cell Growth Processes in <i>Arabidopsis thaliana</i> are Modified by Flavonols. <i>Chimia</i> , 2012, 66, 714-714.	0.6	0
21	Plant TOR signaling components. <i>Plant Signaling and Behavior</i> , 2011, 6, 1700-1705.	2.4	36
22	Flavonols Accumulate Asymmetrically and Affect Auxin Transport in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2011, 156, 585-595.	4.8	167
23	The hydroxyproline-rich glycoprotein domain of the <i>Arabidopsis</i> LRX1 requires Tyr for function but not for insolubilization in the cell wall. <i>Plant Journal</i> , 2010, 63, 662-669.	5.7	71
24	The TOR Pathway Modulates the Structure of Cell Walls in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2010, 22, 1898-1908.	6.6	89
25	Monitoring the Outside: Cell Wall-Sensing Mechanisms. <i>Plant Physiology</i> , 2010, 153, 1445-1452.	4.8	87
26	The Modified Flavonol Glycosylation Profile in the <i>Arabidopsis roll</i> Mutants Results in Alterations in Plant Growth and Cell Shape Formation. <i>Plant Cell</i> , 2008, 20, 1470-1481.	6.6	95
27	The <i>Arabidopsis</i> Root Hair Cell Wall Formation Mutant <i>lrx1</i> Is Suppressed by Mutations in the RHM1 Gene Encoding a UDP-L-Rhamnose Synthase. <i>Plant Cell</i> , 2006, 18, 1630-1641.	6.6	114
28	The <i>Arabidopsis</i> Root Hair Mutants <i>der2</i> and <i>der9</i> are Affected at Different Stages of Root Hair Development. <i>Plant and Cell Physiology</i> , 2005, 46, 1046-1053.	3.1	29
29	The <i>enl</i> Mutants Enhance the <i>lrx1</i> Root Hair Mutant Phenotype of <i>Arabidopsis thaliana</i> . <i>Plant and Cell Physiology</i> , 2004, 45, 734-741.	3.1	25
30	Whole-Genome Comparison of Leucine-Rich Repeat Extensins in <i>Arabidopsis</i> and Rice. A Conserved Family of Cell Wall Proteins Form a Vegetative and a Reproductive Clade. <i>Plant Physiology</i> , 2003, 131, 1313-1326.	4.8	128
31	ACTIN2 Is Essential for Bulge Site Selection and Tip Growth during Root Hair Development of <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2002, 129, 1464-1472.	4.8	158
32	Differential expression of hydrophobins DGH1, DGH2 and DGH3 and immunolocalization of DGH1 in strata of the lichenized basidiocarp of <i>Dictyonema glabratum</i> . <i>New Phytologist</i> , 2002, 154, 185-195.	7.3	47
33	Hydrophobic Interactions of the Structural Protein GRP1.8 in the Cell Wall of Protoxylem Elements. <i>Plant Physiology</i> , 2001, 125, 673-682.	4.8	28
34	The chimeric leucine-rich repeat/extensin cell wall protein LRX1 is required for root hair morphogenesis in <i>Arabidopsis thaliana</i> . <i>Genes and Development</i> , 2001, 15, 1128-1139.	5.9	236
35	Involvement of an ABC Transporter in a Developmental Pathway Regulating Hypocotyl Cell Elongation in the Light. <i>Plant Cell</i> , 1998, 10, 1623-1636.	6.6	160