

Lorena Norambuena

List of Publications by Year in descending order

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34
papers

1,085
citations

516710

16
h-index

414414

32
g-index

34
all docs

34
docs citations

34
times ranked

1440
citing authors

#	ARTICLE	IF	CITATIONS
1	Xyloglucan Fucosyltransferase, an Enzyme Involved in Plant Cell Wall Biosynthesis. <i>Science</i> , 1999, 284, 1976-1979.	12.6	285
2	AtHMA1 Is a Thapsigargin-sensitive Ca ²⁺ /Heavy Metal Pump. <i>Journal of Biological Chemistry</i> , 2008, 283, 9633-9641.	3.4	124
3	Transport of UDP-galactose in Plants. <i>Journal of Biological Chemistry</i> , 2002, 277, 32923-32929.	3.4	96
4	Evidence for a UDP-Glucose Transporter in Golgi Apparatus-Derived Vesicles from Pea and Its Possible Role in Polysaccharide Biosynthesis. <i>Plant Physiology</i> , 1996, 112, 1585-1594.	4.8	83
5	GDP-Fucose Uptake into the Golgi Apparatus during Xyloglucan Biosynthesis Requires the Activity of a Transporter-Like Protein Other Than the UDP-Glucose Transporter. <i>Plant Physiology</i> , 2000, 122, 867-878.	4.8	47
6	AtUTr1, a UDP-glucose/UDP-galactose Transporter from <i>Arabidopsis thaliana</i> , Is Located in the Endoplasmic Reticulum and Up-regulated by the Unfolded Protein Response*. <i>Journal of Biological Chemistry</i> , 2006, 281, 9145-9151.	3.4	45
7	AtUTr2 is an <i>Arabidopsis thaliana</i> nucleotide sugar transporter located in the Golgi apparatus capable of transporting UDP-galactose. <i>Planta</i> , 2005, 222, 521-529.	3.2	39
8	Sortin1-Hypersensitive Mutants Link Vacuolar-Trafficking Defects and Flavonoid Metabolism in <i>Arabidopsis</i> Vegetative Tissues. <i>Chemistry and Biology</i> , 2011, 18, 187-197.	6.0	38
9	PATELLINS are regulators of auxin-mediated PIN1 relocation and plant development in <i>Arabidopsis thaliana</i> . <i>Journal of Cell Science</i> , 2017, 131, .	2.0	29
10	Topography and Function of Golgi Uridine-5[prime]-Diphosphatase from Pea Stems. <i>Plant Physiology</i> , 1997, 114, 99-107.	4.8	28
11	Phosphatidylinositol 4-phosphate 5-kinases 1 and 2 are involved in the regulation of vacuole morphology during <i>Arabidopsis thaliana</i> pollen development. <i>Plant Science</i> , 2016, 250, 10-19.	3.6	28
12	Complex formation regulates the glycosylation of the reversibly glycosylated polypeptide. <i>Planta</i> , 2007, 226, 335-345.	3.2	26
13	In vivo analysis of the calcium signature in the plant Golgi apparatus reveals unique dynamics. <i>Cell Calcium</i> , 2012, 52, 397-404.	2.4	25
14	Identification of cellular pathways affected by Sortin2, a synthetic compound that affects protein targeting to the vacuole in <i>Saccharomyces cerevisiae</i> . <i>BMC Chemical Biology</i> , 2008, 8, 1.	1.6	23
15	High throughput selection of novel plant growth regulators: Assessing the translatability of small bioactive molecules from <i>Arabidopsis</i> to crops. <i>Plant Science</i> , 2016, 245, 50-60.	3.6	22
16	Involvement of SchRabGDI1 from <i>Solanum chilense</i> in endocytic trafficking and tolerance to salt stress. <i>Plant Science</i> , 2017, 263, 1-11.	3.6	17
17	Chemical Genetic Dissection of Membrane Trafficking. <i>Annual Review of Plant Biology</i> , 2017, 68, 197-224.	18.7	16
18	Chemical Genomics Approaches in Plant Biology. <i>Methods in Molecular Biology</i> , 2009, 553, 345-354.	0.9	15

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19	Endocytic Trafficking towards the Vacuole Plays a Key Role in the Auxin Receptor SCFTIR-Independent Mechanism of Lateral Root Formation in <i>A. thaliana</i> . <i>Molecular Plant</i> , 2012, 5, 1195-1209.	8.3	14
20	Regulation of protein trafficking: Posttranslational mechanisms and the unexplored transcriptional control. <i>Plant Science</i> , 2014, 225, 24-33.	3.6	13
21	PI4KIII Activity Regulates Lateral Root Formation Driven by Endocytic Trafficking to the Vacuole. <i>Plant Physiology</i> , 2019, 181, 112-126.	4.8	11
22	The Use of Chemical Genomics to Investigate Pathways Intersecting Auxin-Dependent Responses and Endomembrane Trafficking in <i>Arabidopsis thaliana</i> . <i>Methods in Molecular Biology</i> , 2009, 495, 133-143.	0.9	11
23	Identification of a type II cystatin in <i>Fragaria chiloensis</i> : A proteinase inhibitor differentially regulated during achene development and in response to biotic stress-related stimuli. <i>Plant Physiology and Biochemistry</i> , 2018, 129, 158-167.	5.8	9
24	Sortin2 enhances endocytic trafficking towards the vacuole in <i>Saccharomyces cerevisiae</i> . <i>Biological Research</i> , 2015, 48, 39.	3.4	7
25	FcLDP1, a Gene Encoding a Late Embryogenesis Abundant (LEA) Domain Protein, Responds to Brassinosteroids and Abscisic Acid during the Development of Fruits in <i>Fragaria chiloensis</i> . <i>Frontiers in Plant Science</i> , 2016, 7, 788.	3.6	7
26	Synthesis, characterization, spectroscopic properties and DFT study of a new pyridazinone family. <i>Journal of Molecular Structure</i> , 2017, 1148, 162-169.	3.6	7
27	Chemical Genomics: Characterizing Target Pathways for Bioactive Compounds Using the Endomembrane Trafficking Network. <i>Methods in Molecular Biology</i> , 2014, 1174, 317-328.	0.9	5
28	Identification and characterisation of key genes involved in fruit ripening of the Chilean strawberry. <i>New Biotechnology</i> , 2014, 31, S182.	4.4	4
29	Chemical Genomics Screening for Biomodulators of Endomembrane System Trafficking. <i>Methods in Molecular Biology</i> , 2014, 1209, 251-264.	0.9	4
30	The Exocytosis Associated SNAP25-Type Protein, SISNAP33, Increases Salt Stress Tolerance by Modulating Endocytosis in Tomato. <i>Plants</i> , 2021, 10, 1322.	3.5	3
31	The Use of Drugs in the Study of Vacuole Morphology and Trafficking to the Vacuole in <i>Arabidopsis thaliana</i> . <i>Methods in Molecular Biology</i> , 2018, 1789, 143-154.	0.9	2
32	The Use of Multidrug Approach to Uncover New Players of the Endomembrane System Trafficking Machinery. <i>Methods in Molecular Biology</i> , 2014, 1056, 131-143.	0.9	1
33	Chemical Genomics Translatability from Unicellular to Multicellular Models. <i>Methods in Molecular Biology</i> , 2018, 1795, 189-201.	0.9	1
34	AtUTr1 a UDP-galactose/UDP-glucose transporter from <i>Arabidopsis thaliana</i> is located at the endoplasmic reticulum and is involved in protein folding quality control. <i>FASEB Journal</i> , 2006, 20, A55.	0.5	0