

Julio PÃ¡ez-Valencia

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,469
citations

430754

18
h-index

580701

25
g-index

29
all docs

29
docs citations

29
times ranked

2050
citing authors

#	ARTICLE	IF	CITATIONS
1	Endocytosis and Endosomal Trafficking in Plants. <i>Annual Review of Plant Biology</i> , 2016, 67, 309-335.	8.6	259
2	Expression of an Arabidopsis vacuolar H ⁺ -pyrophosphatase gene (<i>AVP1</i>) in cotton improves drought and salt tolerance and increases fibre yield in the field conditions. <i>Plant Biotechnology Journal</i> , 2011, 9, 88-99.	4.1	253
3	SnRK1 Isoforms AKIN10 and AKIN11 Are Differentially Regulated in Arabidopsis Plants under Phosphate Starvation. <i>Plant Physiology</i> , 2009, 149, 1906-1916.	2.3	117
4	Genetic Manipulation of a Vacuolar H ⁺ -PPase: From Salt Tolerance to Yield Enhancement under Phosphorus-Deficient Soils. <i>Plant Physiology</i> , 2012, 159, 3-11.	2.3	98
5	Arabidopsis Type I Proton-Pumping Pyrophosphatase Expresses Strongly in Phloem, Where It Is Required for Pyrophosphate Metabolism and Photosynthate Partitioning. <i>Plant Physiology</i> , 2015, 167, 1541-1553.	2.3	73
6	Constitutive and Companion Cell-Specific Overexpression of <i>AVP1</i> , Encoding a Proton-Pumping Pyrophosphatase, Enhances Biomass Accumulation, Phloem Loading, and Long-Distance Transport. <i>Plant Physiology</i> , 2016, 170, 401-414.	2.3	66
7	Enhanced Proton Translocating Pyrophosphatase Activity Improves Nitrogen Use Efficiency in Romaine Lettuce. <i>Plant Physiology</i> , 2013, 161, 1557-1569.	2.3	63
8	Tonoplast-localized Ca ²⁺ pumps regulate Ca ²⁺ signals during pattern-triggered immunity in <i>Arabidopsis thaliana</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 18849-18857.	3.3	62
9	Role of SKD1 Regulators LIP5 and IST1-LIKE1 in Endosomal Sorting and Plant Development. <i>Plant Physiology</i> , 2016, 171, 251-264.	2.3	61
10	Plasma membrane localization of the type I H ⁺ -PPase AVP1 in sieve element-companion cell complexes from <i>Arabidopsis thaliana</i> . <i>Plant Science</i> , 2011, 181, 23-30.	1.7	53
11	Reticulon proteins modulate autophagy of the endoplasmic reticulum in maize endosperm. <i>ELife</i> , 2020, 9, .	2.8	53
12	ESCRT-mediated vesicle concatenation in plant endosomes. <i>Journal of Cell Biology</i> , 2017, 216, 2167-2177.	2.3	51
13	Arabidopsis sodium dependent and independent phenotypes triggered by H ⁺ -PPase up-regulation are SOS1 dependent. <i>Plant Science</i> , 2012, 183, 96-105.	1.7	31
14	Plant H ⁺ -PPases: Reversible Enzymes with Contrasting Functions Dependent on Membrane Environment. <i>Molecular Plant</i> , 2016, 9, 317-319.	3.9	31
15	Floral Transcription Factor AGAMOUS Interacts in Vitro with a Leucine-Rich Repeat and an Acid Phosphatase Protein Complex. <i>Biochemical and Biophysical Research Communications</i> , 2001, 288, 1018-1026.	1.0	30
16	Improving seed germination and seedling growth of <i>Omphalea oleifera</i> (Euphorbiaceae) for restoration projects in tropical rain forests. <i>Forest Ecology and Management</i> , 2007, 243, 144-155.	1.4	28
17	The VASCULATURE COMPLEXITY AND CONNECTIVITY Gene Encodes a Plant-Specific Protein Required for Embryo Provasculature Development. <i>Plant Physiology</i> , 2014, 166, 889-902.	2.3	28
18	ESCRT components ISTL1 and LIP5 are required for tapetal function and pollen viability. <i>Plant Cell</i> , 2021, 33, 2850-2868.	3.1	19

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19	Identification of Fructose-1,6-bisphosphate aldolase cytosolic class I as an NMH7 MADS domain associated protein. <i>Biochemical and Biophysical Research Communications</i> , 2008, 376, 700-705.	1.0	18
20	FLOR1, a putative interaction partner of the floral homeotic protein AGAMOUS, is a plant-specific intracellular LRR. <i>Plant Science</i> , 2004, 167, 225-231.	1.7	17
21	Class III Peroxidases PRX01, PRX44, and PRX73 Control Root Hair Growth in <i>Arabidopsis thaliana</i> . <i>International Journal of Molecular Sciences</i> , 2022, 23, 5375.	1.8	15
22	The Diverse Iron Distribution in Eudicotyledoneae Seeds: From <i>Arabidopsis</i> to Quinoa. <i>Frontiers in Plant Science</i> , 2018, 9, 1985.	1.7	12
23	Microautophagy Mediates Vacuolar Delivery of Storage Proteins in Maize Aleurone Cells. <i>Frontiers in Plant Science</i> , 2022, 13, 833612.	1.7	11
24	Localization of the MADS domain transcriptional factor NMH7 during seed, seedling and nodule development of <i>Medicago sativa</i> . <i>Plant Science</i> , 2008, 175, 596-603.	1.7	9
25	Developmental Pattern of the Right Atrioventricular Septal Valve Leaflet and Tendinous Cords. <i>Anatomical Record</i> , 2010, 293, 55-61.	0.8	3
26	Purification of Plant ESCRT Proteins for Polyclonal Antibody Production. <i>Methods in Molecular Biology</i> , 2019, 1998, 227-238.	0.4	0
27	Cell-Free Protein Translation System for Expression of Lipid-Binding Proteins Tagged with Small epitopes and Their Use in Proteinâ€™Lipid Overlay Assays. <i>Methods in Molecular Biology</i> , 2020, 2177, 143-152.	0.4	0