VÃ©ronique Santoni

List of Publications by Year
in descending order

27 papers	3,654 citations	394421 19 h-index	526287 27 g-index
30 all docs	30 docs citations	30 times ranked	3924 citing authors

#	Article	IF	Citations
1	Hormonal and environmental signaling pathways target membrane water transport. Plant Physiology, 2021, 187, 2056-2070.	4.8	18
2	The plastidial Arabidopsis thaliana NFU1 protein binds and delivers [4Fe-4S] clusters to specific client proteins. Journal of Biological Chemistry, 2020, 295, 1727-1742.	3.4	20
3	Protein lysine methylation contributes to modulating the response of sensitive and tolerant Arabidopsis species to cadmium stress. Plant, Cell and Environment, 2020, 43, 760-774.	5.7	6
4	The Transcription Factor bHLH121 Interacts with bHLH105 (ILR3) and Its Closest Homologs to Regulate Iron Homeostasis in Arabidopsis. Plant Cell, 2020, 32, 508-524.	6.6	111
5	A Global Proteomic Approach Sheds New Light on Potential Iron-Sulfur Client Proteins of the Chloroplastic Maturation Factor NFU3. International Journal of Molecular Sciences, 2020, 21, 8121.	4.1	5
6	NRT2.1 Câ€terminus phosphorylation prevents root high affinity nitrate uptake activity in Arabidopsis thaliana. New Phytologist, 2020, 228, 1038-1054.	7.3	34
7	Identification of client ironâ€“sulfur proteins of the chloroplastic NFU2 transfer protein in Arabidopsis thaliana. Journal of Experimental Botany, 2020, 71, 4171-4187.	4.8	25
8	Targeted Proteomics Allows Quantification of Ethylene Receptors and Reveals SlETR3 Accumulation in Never-Ripe Tomatoes. Frontiers in Plant Science, 2019, 10, 1054.	3.6	22
9	Oscillating Aquaporin Phosphorylation and 14-3-3 Proteins Mediate the Circadian Regulation of Leaf Hydraulics. Plant Cell, 2019, 31, 417-429.	6.6	47
10	Surveillance of cell wall diffusion barrier integrity modulates water and solute transport in plants. Scientific Reports, 2019, 9, 4227.	3.3	60
11	Regulation of a plant aquaporin by a Casparian strip membrane domain proteinâ€like. Plant, Cell and Environment, 2019, 42, 1788-1801.	5.7	18
12	Editorial for Special Issue: 2017 Plant Proteomics. Proteomes, 2018, 6, 28.	3.5	4
13	Plant Aquaporin Posttranslational Regulation. Signaling and Communication in Plants, 2017, , 83-105.	0.7	17
14	Novel Aquaporin Regulatory Mechanisms Revealed by Interactomics. Molecular and Cellular Proteomics, 2016, 15, 3473-3487.	3.8	80
15	Aquaporins in Plants. Physiological Reviews, 2015, 95, 1321-1358.	28.8	658
16	The calciumâ€dependent protein kinase <scp>CPK</scp>7 acts on root hydraulic conductivity. Plant, Cell and Environment, 2015, 38, 1312-1320.	5.7	34
17	Phosphorylation dynamics of membrane proteins from Arabidopsis roots submitted to salt stress. Proteomics, 2014, 14, 1058-1070.	2.2	32
18	Coordinated Post-translational Responses of Aquaporins to Abiotic and Nutritional Stimuli in Arabidopsis Roots. Molecular and Cellular Proteomics, 2013, 12, 3886-3897.	3.8	73

#	ARTICLE	IF	CITATIONS
19	Regulation of Arabidopsis Leaf Hydraulics Involves Light-Dependent Phosphorylation of Aquaporins in Veins Â. Plant Cell, 2013, 25, 1029-1039.	6.6	158
20	Plant Aquaporins: Membrane Channels with Multiple Integrated Functions. Annual Review of Plant Biology, 2008, 59, 595-624.	18.7	1,071
21	The response of Arabidopsis root water transport to a challenging environment implicates reactive oxygen species- and phosphorylation-dependent internalization of aquaporins. Plant Signaling and Behavior, 2008, 3, 1096-1098.	2.4	53
22	Multiple Phosphorylations in the C-terminal Tail of Plant Plasma Membrane Aquaporins. Molecular and Cellular Proteomics, 2008, 7, 1019-1030.	3.8	210
23	Regulation of Root Nitrate Uptake at the NRT2.1 Protein Level in Arabidopsis thaliana. Journal of Biological Chemistry, 2007, 282, 23541-23552.	3.4	145
24	Methylation of aquaporins in plant plasma membrane. Biochemical Journal, 2006, 400, 189-197.	3.7	76
25	Role of a Single Aquaporin Isoform in Root Water Uptake. Plant Cell, 2003, 15, 509-522.	6.6	331
26	A proteomic study reveals novel insights into the diversity of aquaporin forms expressed in the plasma membrane of plant roots. Biochemical Journal, 2003, 373, 289-296.	3.7	128
27	The water permeability of Arabidopsis plasma membrane is regulated by divalent cations and pH. Plant Journal, 2002, 30, 71-81.	5.7	209