Alexis De Angeli

List of Publications by Year
in descending order

18	1,149	687363 13	839539 18
papers	citations	h-index	g-index

19	19	19	1555
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Vacuolar Transporters in Their Physiological Context. Annual Review of Plant Biology, 2012, 63, 183-213.	18.7	210
2	AtALMT9 is a malate-activated vacuolar chloride channel required for stomatal opening in Arabidopsis. Nature Communications, 2013, 4, 1804.	12.8	196
3	Malate transport by the vacuolar AtALMT6 channel in guard cells is subject to multiple regulation. Plant Journal, 2011, 67, 247-257.	5.7	143
4	ABA-Induced Stomatal Closure Involves ALMT4, a Phosphorylation-Dependent Vacuolar Anion Channel of Arabidopsis. Plant Cell, 2017, 29, 2552-2569.	6.6	80
5	The prolineâ€ƒ160 in the selectivity filter of the Arabidopsis NO3â¯/H+ exchanger AtCLCa is essential for nitrate accumulation in planta. Plant Journal, 2010, 63, 861-869.	5.7	76
6	ATP Binding to the C Terminus of the Arabidopsis thaliana Nitrate/Proton Antiporter, AtCLCa, Regulates Nitrate Transport into Plant Vacuoles. Journal of Biological Chemistry, 2009, 284, 26526-26532.	3.4	74
7	Phosphorylation of the vacuolar anion exchanger AtCLCa is required for the stomatal response to abscisic acid. Science Signaling, 2014, 7, ra65.	3.6	74
8	The vacuolar channel VvALMT9 mediates malate and tartrate accumulation in berries of Vitis vinifera. Planta, 2013, 238, 283-291.	3.2	69
9	Ion Transport at the Vacuole during Stomatal Movements. Plant Physiology, 2017, 174, 520-530.	4.8	63
10	Vacuolar Chloride Fluxes Impact Ion content and Distribution during Early Salinity Stress. Plant Physiology, 2016, 172, pp.00183.2016.	4.8	45
11	Identification of a Probable Pore-Forming Domain in the Multimeric Vacuolar Anion Channel AtALMT9 Â Â. Plant Physiology, 2013, 163, 830-843.	4.8	31
12	Dynamic measurement of cytosolic pH and [NO ₃ ^{â¯}] uncovers the role of the vacuolar transporter AtCLCa in cytosolic pH homeostasis. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 15343-15353.	7.1	29
13	Cytosolic Nucleotides Block and Regulate the Arabidopsis Vacuolar Anion Channel AtALMT9. Journal of Biological Chemistry, 2014, 289, 25581-25589.	3.4	20
14	The Arabidopsis protein NPF6.2/NRT1.4 is a plasma membrane nitrate transporter and a target of protein kinase CIPK23. Plant Physiology and Biochemistry, 2021, 168, 239-251.	5.8	13
15	Anion Channel Blockage by ATP as a Means for Membranes to Perceive the Energy Status of theÂCell. Molecular Plant, 2016, 9, 320-322.	8.3	10
16	Connecting vacuolar and plasma membrane transport networks. New Phytologist, 2021, 229, 755-762.	7.3	10
17	Heterologous expression reveals that GABA does not directly inhibit the vacuolar anion channel AtALMT9. Plant Physiology, 2022, 189, 469-472.	4.8	3
18	Novel Electrical Signaling: First Fast Voltage-Gated Sodium Channel Identified Outside of the Animal Kingdom. Plant Physiology, 2020, 184, 1618-1619.	4.8	1