Fernando Aleman

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7337285/publications.pdf

Version: 2024-02-01

21	1,760	566801	752256
papers	citations	15 h-index	20 g-index

25	25	25	2271
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Long-lasting analgesia via targeted in situ repression of Na _V 1.7 in mice. Science Translational Medicine, 2021, 13, .	5.8	56
2	Gene therapies to reduce chronic pain: are we there yet?. Pain Management, 2020, 10, 209-212.	0.7	4
3	Immune-orthogonal orthologues of AAV capsids and of Cas9 circumvent the immune response to the administration of gene therapy. Nature Biomedical Engineering, 2019, 3, 806-816.	11.6	77
4	Probing the Antigenicity of HCV Envelope Glycoproteins by Phage Display Antibody Technology. Methods in Molecular Biology, 2019, 1911, 381-393.	0.4	1
5	Immunogenetic and structural analysis of a class of HCV broadly neutralizing antibodies and their precursors. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 7569-7574.	3.3	14
6	The Necessity of Diploid Genome Sequencing to Unravel the Genetic Component of Complex Phenotypes. Frontiers in Genetics, 2017, 8, 148.	1.1	7
7	An ABA-increased interaction of the PYL6 ABA receptor with MYC2 Transcription Factor: A putative link of ABA and JA signaling. Scientific Reports, 2016, 6, 28941.	1.6	155
8	Mapping transcription factor interactome networks using HaloTag protein arrays. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E4238-47.	3.3	67
9	Calcium specificity signaling mechanisms in abscisic acid signal transduction in Arabidopsis guard cells. ELife, 2015, 4, .	2.8	172
10	The F130S point mutation in the Arabidopsis high-affinity K+ transporter AtHAK5 increases K+ over Na+ and Cs+ selectivity and confers Na+ and Cs+ tolerance to yeast under heterologous expression. Frontiers in Plant Science, 2014, 5, 430.	1.7	68
11	A low K⁺ signal is required for functional highâ€affinity K⁺ uptake through <scp>HAK5</scp> transporters. Physiologia Plantarum, 2014, 152, 558-570.	2.6	60
12	K+ uptake in plant roots. The systems involved, their regulation and parallels in other organisms. Journal of Plant Physiology, 2014, 171, 688-695.	1.6	178
13	K+ Nutrition, Uptake, and Its Role in Environmental Stress in Plants. , 2012, , 85-112.		6
14	Root K+ Acquisition in Plants: The Arabidopsis thaliana Model. Plant and Cell Physiology, 2011, 52, 1603-1612.	1.5	154
15	Studies on Arabidopsis athak5, atakt1 double mutants disclose the range of concentrations at which AtHAK5, AtAKT1 and unknown systems mediate K+ uptake. Physiologia Plantarum, 2010, 139, 220-228.	2.6	110
16	The Arabidopsis thaliana HAK5 K+ Transporter Is Required for Plant Growth and K+ Acquisition from Low K+ Solutions under Saline Conditions. Molecular Plant, 2010, 3, 326-333.	3.9	194
17	Differential regulation of the genes encoding the high-affinity K+ transporters HAK5 of Thellungiella halophila and Arabidopsis thaliana in response to salinity. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2009, 153, S188.	0.8	0
18	Differential regulation of the HAK5 genes encoding the high-affinity K+ transporters of Thellungiella halophila and Arabidopsis thaliana. Environmental and Experimental Botany, 2009, 65, 263-269.	2.0	73

#	Article	IF	Citations
19	Potassium/sodium steady-state homeostasis in Thellungiella halophila and Arabidopsis thaliana under long-term salinity conditions. Plant Science, 2009, 176, 768-774.	1.7	47
20	A putative role for the plasma membrane potential in the control of the expression of the gene encoding the tomato high-affinity potassium transporter HAK5. Plant Molecular Biology, 2008, 68, 521-532.	2.0	119
21	Relative contribution of AtHAK5 and AtAKT1 to K⁺ uptake in the highâ€affinity range of concentrations. Physiologia Plantarum, 2008, 134, 598-608.	2.6	184