Mingda Luan

List of Publications by Year
in descending order

11 papers	540 citations	933264 10 h-index	1281743 11 g-index
11 all docs	11 docs citations	11 times ranked	855 citing authors

#	Article	IF	Citations
1	A vacuolar phosphate transporter essential for phosphate homeostasis in Arabidopsis. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E6571-8.	3.3	173
2	Expression of zma-miR169 miRNAs and their target ZmNF-YA genes in response to abiotic stress in maize leaves. Gene, 2015, 555, 178-185.	1.0	110
3	Family-Wide Survey of miR169s and NF-YAs and Their Expression Profiles Response to Abiotic Stress in Maize Roots. PLoS ONE, 2014, 9, e91369.	1.1	61
4	Transport and homeostasis of potassium and phosphate: limiting factors for sustainable crop production. Journal of Experimental Botany, 2016, 68, erw444.	2.4	42
5	miR169q and NUCLEAR FACTOR YA8 enhance salt tolerance by activating PEROXIDASE1 expression in response to ROS. Plant Physiology, 2022, 188, 608-623.	2.3	37
6	Vacuolar Phosphate Transporters Contribute to Systemic Phosphate Homeostasis Vital for Reproductive Development in Arabidopsis. Plant Physiology, 2019, 179, 640-655.	2.3	30
7	Vacuolar SPX-MFS transporters are essential for phosphate adaptation in plants. Plant Signaling and Behavior, 2016, 11, e1213474.	1.2	27
8	Plant Membrane Transport Research inÂtheÂPost-genomic Era. Plant Communications, 2020, 1, 100013.	3.6	26
9	Vacuolar Phosphate Transporter 1 (VPT1) Affects Arsenate Tolerance by Regulating Phosphate Homeostasis in Arabidopsis. Plant and Cell Physiology, 2018, 59, 1345-1352.	1.5	18
10	ZmGRF, a GA regulatory factor from maize, promotes flowering and plant growth in Arabidopsis. Plant Molecular Biology, 2015, 87, 157-167.	2.0	11
11	Escape routes for vacuolar phosphate. Nature Plants, 2019, 5, 9-10.	4.7	5