List of Publications by Year in descending order

32 papers	4,526 citations	331259 21 h-index	414034 32 g-index
32 all docs	32 docs citations	32 times ranked	4333 citing authors

#	Article	IF	Citations
1	Signaling functions of phosphatidic acid. Progress in Lipid Research, 2006, 45, 250-278.	5.3	647
2	Phospholipase DÎ±1 and Phosphatidic Acid Regulate NADPH Oxidase Activity and Production of Reactive Oxygen Species in ABA-Mediated Stomatal Closure inArabidopsisÂ Â Â. Plant Cell, 2009, 21, 2357-2377.	3.1	517
3	Phospholipase DÂ1-derived phosphatidic acid interacts with ABI1 phosphatase 2C and regulates abscisic acid signaling. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 9508-9513.	3.3	476
4	Phosphatidic acid mediates salt stress response by regulation of MPK6 in Arabidopsis thaliana. New Phytologist, 2010, 188, 762-773.	3.5	387
5	A Bifurcating Pathway Directs Abscisic Acid Effects on Stomatal Closure and Opening in Arabidopsis. Science, 2006, 312, 264-266.	6.0	375
6	The plasma membraneâ€“bound phospholipase DÎ´ enhances freezing tolerance in Arabidopsis thaliana. Nature Biotechnology, 2004, 22, 427-433.	9.4	310
7	The Oleate-Stimulated Phospholipase D, PLDÂ, and Phosphatidic Acid Decrease H2O2-Induced Cell Death in Arabidopsis. Plant Cell, 2003, 15, 2285-2295.	3.1	251
8	Phosphatidic Acid Regulates Microtubule Organization by Interacting with MAP65-1 in Response to Salt Stress in Arabidopsis. Plant Cell, 2012, 24, 4555-4576.	3.1	219
9	The Rice High-Affinity Potassium Transporter1;1 Is Involved in Salt Tolerance and Regulated by an MYB-Type Transcription Factor. Plant Physiology, 2015, 168, 1076-1090.	2.3	206
10	Cytosolic Glyceraldehyde-3-Phosphate Dehydrogenases Interact with Phospholipase DÎ´ to Transduce Hydrogen Peroxide Signals in the Arabidopsis Response to Stress. Plant Cell, 2012, 24, 2200-2212.	3.1	202
11	The potassium transporter <scp>O</scp>s<scp>HAK</scp>21 functions in the maintenance of ion homeostasis and tolerance to salt stress in rice. Plant, Cell and Environment, 2015, 38, 2766-2779.	2.8	155
12	Rice qGL3/OsPPKL1 Functions with the GSK3/SHAGGY-Like Kinase OsGSK3 to Modulate Brassinosteroid Signaling. Plant Cell, 2019, 31, 1077-1093.	3.1	106
13	Phosphatidic Acid Directly Regulates PINOID-Dependent Phosphorylation and Activation of the PIN-FORMED2 Auxin Efflux Transporter in Response to Salt Stress. Plant Cell, 2019, 31, 250-271.	3.1	97
14	A phosphoinositideâ€specific phospholipase C pathway elicits stressâ€induced Ca²⁺ signals and confers salt tolerance to rice. New Phytologist, 2017, 214, 1172-1187.	3.5	85
15	Tissue-specific accumulation of pH-sensing phosphatidic acid determines plant stress tolerance. Nature Plants, 2019, 5, 1012-1021.	4.7	73
16	Cyclic nucleotide gated channel 10 negatively regulates salt tolerance by mediating Na+ transport in Arabidopsis. Journal of Plant Research, 2015, 128, 211-220.	1.2	70
17	Phospholipase DÎ´ negatively regulates plant thermotolerance by destabilizing cortical microtubules in Arabidopsis. Plant, Cell and Environment, 2017, 40, 2220-2235.	2.8	45
18	Rice shaker potassium channel <scp>OsAKT2</scp> positively regulates salt tolerance and grain yield by mediating K⁺ redistribution. Plant, Cell and Environment, 2021, 44, 2951-2965.	2.8	41

#	Article	IF	Citations
19	Phosphatidic acid promotes the activation and plasma membrane localization of MKK7 and MKK9 in response to salt stress. Plant Science, 2019, 287, 110190.	1.7	37
20	Phosphatidic acid directly binds with rice potassium channel OsAKT2 to inhibit its activity. Plant Journal, 2020, 102, 649-665.	2.8	30
21	Involvement of Arabidopsis phospholipase D Î´ in regulation of ROS-mediated microtubule organization and stomatal movement upon heat shock. Journal of Experimental Botany, 2020, 71, 6555-6570.	2.4	29
22	HSP70-3 Interacts with Phospholipase DÎ´ and Participates in Heat Stress Defense. Plant Physiology, 2021, 185, 1148-1165.	2.3	27
23	An endoplasmic reticulumâ€“localized cytochrome b ₅ regulates high-affinity K ⁺ transport in response to salt stress in rice. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	27
24	Genome-wide analysis and functional characterization of Acyl-CoA:diacylglycerol acyltransferase from soybean identify GmDGAT1A and 1B roles in oil synthesis in Arabidopsis seeds. Journal of Plant Physiology, 2019, 242, 153019.	1.6	24
25	The Rice Diacylglycerol Kinase Family: Functional Analysis Using Transient RNA Interference. Frontiers in Plant Science, 2012, 3, 60.	1.7	21
26	Characterization and Mapping of a Saltâ€Sensitive Mutant in Rice (Oryza sativa L.). Journal of Integrative Plant Biology, 2013, 55, 504-513.	4.1	18
27	The transcription factor OsMYBc and an E3 ligase regulate expression of a K+ transporter during salt stress. Plant Physiology, 2022, 190, 843-859.	2.3	15
28	Seed specifically over-expressing DGAT2A enhances oil and linoleic acid contents in soybean seeds. Biochemical and Biophysical Research Communications, 2021, 568, 143-150.	1.0	14
29	A bHLH protein, OsBIM1, positively regulates rice leaf angle by promoting brassinosteroid signaling. Biochemical and Biophysical Research Communications, 2021, 578, 129-135.	1.0	9
30	H+â€atpase and H+â€transport activities in tonoplast vesicles from barley roots under salt stress and influence of calcium and abscisic acid1. Journal of Plant Nutrition, 1998, 21, 447-458.	0.9	7
31	Emerging roles of phosphoinositide-associated membrane trafficking in plant stress responses. Journal of Genetics and Genomics, 2022, 49, 726-734.	1.7	4
32	Multiple basic amino acid residues contribute to phosphatidic acid-mediated inhibition of rice potassium channel OsAKT2. Plant Signaling and Behavior, 2020, 15, 1789818.	1.2	2