Alison DeLong

List of Publications by Year
in descending order

23 papers	2,232 citations	430874 18 h-index	752698 20 g-index
23 all docs	23 docs citations	23 times ranked	2392 citing authors

#	Article	IF	Citations
1	PP2A activates brassinosteroid-responsive geneÂexpression and plant growth by dephosphorylatingÂBZR1. Nature Cell Biology, 2011, 13, 124-131.	10.3	438
2	Genetic and Chemical Reductions in Protein Phosphatase Activity Alter Auxin Transport, Gravity Response, and Lateral Root Growth. Plant Cell, 2001, 13, 1683-1697.	6.6	264
3	Polar auxin transport: controlling where and how much. Trends in Plant Science, 2001, 6, 535-542.	8.8	254
4	Disruption of a Guard Cellâ€“Expressed Protein Phosphatase 2A Regulatory Subunit, RCN1, Confers Abscisic Acid Insensitivity in Arabidopsis. Plant Cell, 2002, 14, 2849-2861.	6.6	192
5	Protein Phosphatase 2A Controls Ethylene Biosynthesis by Differentially Regulating the Turnover of ACC Synthase Isoforms. PLoS Genetics, 2011, 7, e1001370.	3.5	134
6	PINOID Kinase Regulates Root Gravitropism through Modulation of PIN2-Dependent Basipetal Auxin Transport in Arabidopsis Â Â. Plant Physiology, 2009, 150, 722-735.	4.8	132
7	The RCN1-encoded A subunit of protein phosphatase 2A increases phosphatase activity in vivo. Plant Journal, 1999, 20, 389-399.	5.7	119
8	Identification of Open Stomata1-Interacting Proteins Reveals Interactions with Sucrose Non-fermenting1-Related Protein Kinases2 and with Type 2A Protein Phosphatases That Function in Abscisic Acid Responses. Plant Physiology, 2015, 169, 760-779.	4.8	100
9	Disparate Roles for the Regulatory A Subunit Isoforms in Arabidopsis Protein Phosphatase 2A. Plant Cell, 2004, 16, 709-722.	6.6	95
10	Switching the flip: protein phosphatase roles in signaling pathways. Current Opinion in Plant Biology, 2006, 9, 470-477.	7.1	85
11	Producing the Ethylene Signal: Regulation and Diversification of Ethylene Biosynthetic Enzymes. Plant Physiology, 2015, 169, 42-50.	4.8	82
12	Specificity of RCN1-Mediated Protein Phosphatase 2A Regulation in Meristem Organization and Stress Response in Roots. Plant Physiology, 2008, 146, 323-324.	4.8	73
13	Protein phosphorylation in the delivery of and response to auxin signals. Plant Molecular Biology, 2002, 49, 285-303.	3.9	58
14	RCN1-Regulated Phosphatase Activity and EIN2 Modulate Hypocotyl Gravitropism by a Mechanism That Does Not Require Ethylene Signaling. Plant Physiology, 2006, 141, 1617-1629.	4.8	51
15	Atypical Protein Phosphatase 2A Gene Families Do Not Expand via Paleopolyploidization. Plant Physiology, 2017, 173, 1283-1300.	4.8	46
16	Protein phosphatase 2A promotes stomatal development by stabilizing SPEECHLESS in Arabidopsis. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 13127-13137.	7.1	35
17	Protein phosphorylation in the delivery of and response to auxin signals. Plant Molecular Biology, 2002, 49, 285-303.	3.9	29
18	Light Modulates Ethylene Synthesis, Signaling, and Downstream Transcriptional Networks to Control Plant Development. Frontiers in Plant Science, 2019, 10, 1094.	3.6	26

#	Article	IF	Citations
19	Genetic and Chemical Reductions in Protein Phosphatase Activity Alter Auxin Transport, Gravity Response, and Lateral Root Growth. Plant Cell, 2001, 13, 1683.	6.6	13
20	Protein phosphorylation in the delivery of and response to auxin signals. , 2002, , 285-303.		5
21	A PP2A active site mutant impedes growth and causes misregulation of native catalytic subunit expression. Journal of Cellular Biochemistry, 2008, 103, 1309-1325.	2.6	1
22	Positive selection analysis highlights key positions in plant PP2A regulatory subunits. Plant Signaling and Behavior, 2017, 12, e1347245.	2.4	0
23	Phosphatidic Acidâ€Protein Phosphatase 2A Interactions Regulate Haloptropic Bending in Rice. FASEB Journal, 2017, 31, 617.5.	0.5	0