Pablo Leivar

List of Publications by Year
in descending order

24 papers	3,652 citations	393982 19 h-index	610482 24 g-index
25 all docs	25 docs citations	25 times ranked	3493 citing authors

#	Article	IF	Citations
1	PIFs: pivotal components in a cellular signaling hub. Trends in Plant Science, 2011, 16, 19-28.	4.3	811
2	Multiple Phytochrome-Interacting bHLH Transcription Factors Repress Premature Seedling Photomorphogenesis in Darkness. Current Biology, 2008, 18, 1815-1823.	1.8	513
3	PIFs: Systems Integrators in Plant Development. Plant Cell, 2014, 26, 56-78.	3.1	472
4	TheArabidopsisPhytochrome-Interacting Factor PIF7, Together with PIF3 and PIF4, Regulates Responses to Prolonged Red Light by Modulating phyB Levels. Plant Cell, 2008, 20, 337-352.	3.1	334
5	Definition of Early Transcriptional Circuitry Involved in Light-Induced Reversal of PIF-Imposed Repression of Photomorphogenesis in YoungArabidopsisSeedlings. Plant Cell, 2009, 21, 3535-3553.	3.1	253
6	Dynamic Antagonism between Phytochromes and PIF Family Basic Helix-Loop-Helix Factors Induces Selective Reciprocal Responses to Light and Shade in a Rapidly Responsive Transcriptional Network in Arabidopsis. Plant Cell, 2012, 24, 1398-1419.	3.1	199
7	Phytochrome and retrograde signalling pathways converge to antagonistically regulate a light-induced transcriptional network. Nature Communications, 2016, 7, 11431.	5.8	144
8	Molecular convergence of clock and photosensory pathways through PIF3â€“TOC1 interaction and co-occupancy of target promoters. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 4870-4875.	3.3	115
9	Phytochromeâ€imposed oscillations in PIF3 protein abundance regulate hypocotyl growth under diurnal light/dark conditions in Arabidopsis. Plant Journal, 2012, 71, 390-401.	2.8	110
10	Subcellular Localization of Arabidopsis 3-Hydroxy-3-Methylglutaryl-Coenzyme A Reductase. Plant Physiology, 2005, 137, 57-69.	2.3	102
11	Multilevel Control of Arabidopsis 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase by Protein Phosphatase 2A. Plant Cell, 2011, 23, 1494-1511.	3.1	99
12	Circadian Waves of Transcriptional Repression Shape PIF-Regulated Photoperiod-Responsive Growth in Arabidopsis. Current Biology, 2018, 28, 311-318.e5.	1.8	93
13	Phytochrome Signaling in Green Arabidopsis Seedlings: Impact Assessment of a Mutually Negative phyBâ€“PIF Feedback Loop. Molecular Plant, 2012, 5, 734-749.	3.9	80
14	Out of the dark: how the PIFs are unmasking a dual temporal mechanism of phytochrome signalling. Journal of Experimental Botany, 2007, 58, 3125-3133.	2.4	66
15	Central clock components modulate plant shade avoidance by directly repressing transcriptional activation activity of PIF proteins. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 3261-3269.	3.3	47
16	PIF1 promotes phytochrome-regulated growth under photoperiodic conditions in Arabidopsis together with PIF3, PIF4, and PIF5. Journal of Experimental Botany, 2014, 65, 2925-2936.	2.4	46
17	Functional Profiling Identifies Genes Involved in Organ-Specific Branches of the PIF3 Regulatory Network in Arabidopsis Â Â. Plant Cell, 2011, 23, 3974-3991.	3.1	44
18	Modulation of plant HMG-CoA reductase by protein phosphatase 2A. Plant Signaling and Behavior, 2011, 6, 1127-1131.	1.2	41

#	Article	IF	Citations
19	Proliferation and Morphogenesis of the Endoplasmic Reticulum Driven by the Membrane Domain of 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase in Plant Cells. Plant Physiology, 2015, 168, 899-914.	2.3	32
20	Phytochromeâ€imposed inhibition of <scp>PIF7</scp> activity shapes photoperiodic growth in Arabidopsis together with <scp>PIF1</scp>, 3, 4 and 5. Physiologia Plantarum, 2020, 169, 452-466.	2.6	20
21	BBX16 mediates the repression of seedling photomorphogenesis downstream of the GUN1/GLK1 module during retrograde signalling. New Phytologist, 2022, 234, 93-106.	3.5	20
22	Plasmodium falciparum Apicomplexan-Specific Glucosamine-6-Phosphate N -Acetyltransferase Is Key for Amino Sugar Metabolism and Asexual Blood Stage Development. MBio, 2020, 11, .	1.8	6
23	Branching of the PIF3 regulatory network in Arabidopsis. Plant Signaling and Behavior, 2012, 7, 510-513.	1.2	3
24	The Sequential Action of MIDA9/PP2C.D1, PP2C.D2, and PP2C.D5 Is Necessary to Form and Maintain the Hook After Germination in the Dark. Frontiers in Plant Science, 2021, 12, 636098.	1.7	2