Irma Roig-Villanova

List of Publications by Year
in descending order

20 papers	1,627 citations	516710 16 h-index	752698 20 g-index
21 all docs	21 docs citations	21 times ranked	2371 citing authors

#	Article	IF	Citations
1	Genome-Wide Classification and Evolutionary Analysis of the bHLH Family of Transcription Factors in Arabidopsis, Poplar, Rice, Moss, and Algae Â. Plant Physiology, 2010, 153, 1398-1412.	4.8	493
2	Current perspectives on the hormonal control of seed development in Arabidopsis and maize: a focus on auxin. Frontiers in Plant Science, 2014, 5, 412.	3.6	143
3	Identification of Primary Target Genes of Phytochrome Signaling. Early Transcriptional Control during Shade Avoidance Responses in Arabidopsis. Plant Physiology, 2006, 141, 85-96.	4.8	127
4	ATHB4, a regulator of shade avoidance, modulates hormone response in Arabidopsis seedlings. Plant Journal, 2009, 59, 266-277.	5.7	111
5	Maternal Control of PIN1 Is Required for Female Gametophyte Development in Arabidopsis. PLoS ONE, 2013, 8, e66148.	2.5	106
6	Plant Responses to Vegetation Proximity: A Whole Life Avoiding Shade. Frontiers in Plant Science, 2016, 7, 236.	3.6	92
7	The b<scp>HLH</scp> proteins <scp>BEE</scp> and <scp>BIM</scp> positively modulate the shade avoidance syndrome in <scp>A</scp>rabidopsis seedlings. Plant Journal, 2013, 75, 989-1002.	5.7	90
8	Ovule development, a new model for lateral organ formation. Frontiers in Plant Science, 2014, 5, 117.	3.6	86
9	BASIC PENTACYSTEINE Proteins Mediate MADS Domain Complex Binding to the DNA for Tissue-Specific Expression of Target Genes in Arabidopsis. Plant Cell, 2012, 24, 4163-4172.	6.6	75
10	Overlapping and antagonistic activities of BASIC PENTACYSTEINE genes affect a range of developmental processes in Arabidopsis. Plant Journal, 2011, 66, 1020-1031.	5.7	72
11	Light signaling: back to space. Trends in Plant Science, 2008, 13, 108-114.	8.8	41
12	Seed abscission and fruit dehiscence required for seed dispersal rely on similar genetic networks. Development (Cambridge), 2016, 143, 3372-81.	2.5	40
13	Effects of nitrous oxide (N2O) treatment on the postharvest ripening of banana fruit. Postharvest Biology and Technology, 2005, 36, 167-175.	6.0	39
14	PAR1 and PAR2 integrate shade and hormone transcriptional networks. Plant Signaling and Behavior, 2008, 3, 453-454.	2.4	29
15	DRACULA2, a dynamic nucleoporin with a role in the regulation of the shade avoidance syndrome in Arabidopsis. Development (Cambridge), 2016, 143, 1623-31.	2.5	25
16	A novel high-throughput in vivo molecular screen for shade avoidance mutants identifies a novel phyA mutation. Journal of Experimental Botany, 2011, 62, 2973-2987.	4.8	20
17	A Dual Mechanism Controls Nuclear Localization in the Atypical Basic-Helix-Loop-Helix Protein PAR1 of Arabidopsis thaliana. Molecular Plant, 2012, 5, 669-677.	8.3	17
18	Light signals generated by vegetation shade facilitate acclimation to low light in shade-avoider plants. Plant Physiology, 2021, 186, 2137-2151.	4.8	13

#	Article	IF	Citations
19	Communicating across generations: The B_{sister}language. Plant Biosystems, 2014, 148, 150-156.	1.6	4
20	Approaches to Study Light Effects on Brassinosteroid Sensitivity. Methods in Molecular Biology, 2017, 1564, 39-47.	0.9	3