

Irma Roig-Villanova

List of Publications by Year in descending order

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Version: 2024-02-01

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 | Light signals generated by vegetation shade facilitate acclimation to low light in shade-avoider plants. <i>Plant Physiology</i> , 2021, 186, 2137-2151. | 4.8 | 13 |
| 2 | Approaches to Study Light Effects on Brassinosteroid Sensitivity. <i>Methods in Molecular Biology</i> , 2017, 1564, 39-47. | 0.9 | 3 |
| 3 | Plant Responses to Vegetation Proximity: A Whole Life Avoiding Shade. <i>Frontiers in Plant Science</i> , 2016, 7, 236. | 3.6 | 92 |
| 4 | Seed abscission and fruit dehiscence required for seed dispersal rely on similar genetic networks. <i>Development (Cambridge)</i> , 2016, 143, 3372-81. | 2.5 | 40 |
| 5 | DRACULA2, a dynamic nucleoporin with a role in the regulation of the shade avoidance syndrome in <i>Arabidopsis</i> . <i>Development (Cambridge)</i> , 2016, 143, 1623-31. | 2.5 | 25 |
| 6 | Communicating across generations: The B _{sister} language. <i>Plant Biosystems</i> , 2014, 148, 150-156. | 1.6 | 4 |
| 7 | Current perspectives on the hormonal control of seed development in <i>Arabidopsis</i> and maize: a focus on auxin. <i>Frontiers in Plant Science</i> , 2014, 5, 412. | 3.6 | 143 |
| 8 | Ovule development, a new model for lateral organ formation. <i>Frontiers in Plant Science</i> , 2014, 5, 117. | 3.6 | 86 |
| 9 | The bHLH proteins BEE and BIM positively modulate the shade avoidance syndrome in <i>Arabidopsis</i> seedlings. <i>Plant Journal</i> , 2013, 75, 989-1002. | 5.7 | 90 |
| 10 | Maternal Control of PIN1 Is Required for Female Gametophyte Development in <i>Arabidopsis</i> . <i>PLoS ONE</i> , 2013, 8, e66148. | 2.5 | 106 |
| 11 | BASIC PENTACYSTEINE Proteins Mediate MADS Domain Complex Binding to the DNA for Tissue-Specific Expression of Target Genes in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2012, 24, 4163-4172. | 6.6 | 75 |
| 12 | A Dual Mechanism Controls Nuclear Localization in the Atypical Basic-Helix-Loop-Helix Protein PAR1 of <i>Arabidopsis thaliana</i> . <i>Molecular Plant</i> , 2012, 5, 669-677. | 8.3 | 17 |
| 13 | Overlapping and antagonistic activities of BASIC PENTACYSTEINE genes affect a range of developmental processes in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2011, 66, 1020-1031. | 5.7 | 72 |
| 14 | A novel high-throughput in vivo molecular screen for shade avoidance mutants identifies a novel phyA mutation. <i>Journal of Experimental Botany</i> , 2011, 62, 2973-2987. | 4.8 | 20 |
| 15 | Genome-Wide Classification and Evolutionary Analysis of the bHLH Family of Transcription Factors in <i>Arabidopsis</i> , Poplar, Rice, Moss, and Algae. <i>Plant Physiology</i> , 2010, 153, 1398-1412. | 4.8 | 493 |
| 16 | ATHB4, a regulator of shade avoidance, modulates hormone response in <i>Arabidopsis</i> seedlings. <i>Plant Journal</i> , 2009, 59, 266-277. | 5.7 | 111 |
| 17 | Light signaling: back to space. <i>Trends in Plant Science</i> , 2008, 13, 108-114. | 8.8 | 41 |
| 18 | PAR1 and PAR2 integrate shade and hormone transcriptional networks. <i>Plant Signaling and Behavior</i> , 2008, 3, 453-454. | 2.4 | 29 |

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|----|---|-----|-----------|
| 19 | Identification of Primary Target Genes of Phytochrome Signaling. Early Transcriptional Control during Shade Avoidance Responses in Arabidopsis. <i>Plant Physiology</i> , 2006, 141, 85-96. | 4.8 | 127 |
| 20 | Effects of nitrous oxide (N ₂ O) treatment on the postharvest ripening of banana fruit. <i>Postharvest Biology and Technology</i> , 2005, 36, 167-175. | 6.0 | 39 |