Jaime F Martinez-Garcia

List of Publications by Year
in descending order

58 papers	4,440 citations	147801 31 h-index	149698 56 g-index
66 all docs	66 docs citations	66 times ranked	4964 citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of light intensity on steviol glycosides production in leaves of Stevia rebaudiana plants. Phytochemistry, 2022, 194, 113027.	2.9	12
2	Development and carotenoid synthesis in dark-grown carrot taproots require <i>PHYTOCHROME RAPIDLY REGULATED1</i>. Plant Physiology, 2022, , .	4.8	5
3	Light signals generated by vegetation shade facilitate acclimation to low light in shade-avoider plants. Plant Physiology, 2021, 186, 2137-2151.	4.8	13
4	Adjustment of the PIF7â€HFR1 transcriptional module activity controls plant shade adaptation. EMBO Journal, 2021, 40, e104273.	7.8	32
5	The International Symposium on Plant Photobiology 2019: a bright and colourful experience. Physiologia Plantarum, 2020, 169, 297-300.	5.2	0
6	Shedding light on the chromatin changes that modulate shade responses. Physiologia Plantarum, 2020, 169, 407-417.	5.2	12
7	Shade Avoidance and Neighbor Detection. Methods in Molecular Biology, 2019, 2026, 157-168.	0.9	11
8	Photoreceptor Activity Contributes to Contrasting Responses to Shade in Cardamine and Arabidopsis Seedlings. Plant Cell, 2019, 31, tpc.00275.2019.	6.6	23
9	Chloroplasts Modulate Elongation Responses to Canopy Shade by Retrograde Pathways Involving HY5 and Abscisic Acid. Plant Cell, 2019, 31, 384-398.	6.6	40
10	Illuminating colors: regulation of carotenoid biosynthesis and accumulation by light. Current Opinion in Plant Biology, 2017, 37, 49-55.	7.1	142
11	A nonâ€<scp>DNA</scp>â€binding activity for the <scp>ATHB</scp>4 transcription factor in the control of vegetation proximity. New Phytologist, 2017, 216, 798-813.	7.3	14
12	Approaches to Study Light Effects on Brassinosteroid Sensitivity. Methods in Molecular Biology, 2017, 1564, 39-47.	0.9	3
13	Plant Responses to Vegetation Proximity: A Whole Life Avoiding Shade. Frontiers in Plant Science, 2016, 7, 236.	3.6	92
14	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
15	bZIP and bHLH Family Members Integrate Transcriptional Responses to Light. , 2016, , 329-342.		3
16	Regulation of carotenoid biosynthesis by shade relies on specific subsets of antagonistic transcription factors and co-factors. Plant Physiology, 2015, 169, pp.00552.2015.	4.8	66
17	Meta-Analysis of Arabidopsis KANADI1 Direct Target Genes Identifies a Basic Growth-Promoting Module Acting Upstream of Hormonal Signaling Pathways. Plant Physiology, 2015, 169, 1240-1253.	4.8	26
18	The Shade Avoidance Syndrome in Arabidopsis: The Antagonistic Role of Phytochrome A and B Differentiates Vegetation Proximity and Canopy Shade. PLoS ONE, 2014, 9, e109275.	2.5	83

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19	<i>Cardamine hirsuta</i>: a versatile genetic system for comparative studies. Plant Journal, 2014, 78, 1-15.	5.7	78
20	Plant proximity perception dynamically modulates hormone levels and sensitivity in Arabidopsis. Journal of Experimental Botany, 2014, 65, 2937-2947.	4.8	79
21	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
22	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
23	ATHB4 and HAT3, two class II HD-ZIP transcription factors, control leaf development in Arabidopsis. Plant Signaling and Behavior, 2012, 7, 1382-1387.	2.4	80
24	A Light-Regulated Genetic Module Was Recruited to Carpel Development in <i>Arabidopsis</i> following a Structural Change to SPATULA. Plant Cell, 2012, 24, 2812-2825.	6.6	66
25	Genomeâ€wide bindingâ€site analysis of REVOLUTA reveals a link between leaf patterning and lightâ€mediated growth responses. Plant Journal, 2012, 72, 31-42.	5.7	120
26	Gibberellin A1 Metabolism Contributes to the Control of Photoperiod-Mediated Tuberization in Potato. PLoS ONE, 2011, 6, e24458.	2.5	44
27	The shade avoidance syndrome in Arabidopsis: a fundamental role for atypical basic helixâ€“loopâ€“helix proteins as transcriptional cofactors. Plant Journal, 2011, 66, 258-267.	5.7	92
28	A DELLA in Disguise: SPATULA Restrains the Growth of the Developing<i>Arabidopsis</i>Seedling Â. Plant Cell, 2011, 23, 1337-1351.	6.6	77
29	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
30	Regulatory Components of Shade Avoidance Syndrome. Advances in Botanical Research, 2010, 53, 65-116.	1.1	61
31	Light Signalling in Plant Developmental Regulation. , 2010, , 255-274.		1
32	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
33	ATHB4, a regulator of shade avoidance, modulates hormone response in Arabidopsis seedlings. Plant Journal, 2009, 59, 266-277.	5.7	111
34	Integration of Light and Auxin Signaling. Cold Spring Harbor Perspectives in Biology, 2009, 1, a001586-a001586.	5.5	149
35	<i>PROCERA</i> encodes a DELLA protein that mediates control of dissected leaf form in tomato. Plant Journal, 2008, 56, 603-612.	5.7	110
36	Light signaling: back to space. Trends in Plant Science, 2008, 13, 108-114.	8.8	41

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37	PAR1 and PAR2 integrate shade and hormone transcriptional networks. Plant Signaling and Behavior, 2008, 3, 453-454.	2.4	29
38	Interaction of shade avoidance and auxin responses: a role for two novel atypical bHLH proteins. EMBO Journal, 2007, 26, 4756-4767.	7.8	195
39	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
40	Plastid Cues Posttranscriptionally Regulate the Accumulation of Key Enzymes of the Methylerythritol Phosphate Pathway in Arabidopsis. Plant Physiology, 2006, 141, 75-84.	4.8	84
41	Distinct Light-Mediated Pathways Regulate the Biosynthesis and Exchange of Isoprenoid Precursors during Arabidopsis Seedling Development. Plant Cell, 2004, 16, 144-156.	6.6	189
42	PHOR1: A U-Box GA Signaling Component With a Role in Proteasome Degradation?. Journal of Plant Growth Regulation, 2003, 22, 152-162.	5.1	19
43	Potato Tuberization: Evidence for a SD-Dependent and a Gibberellin-Dependent Pathway of Induction. , 2003, , 57-66.		2
44	Control of photoperiod-regulated tuberization in potato by the Arabidopsis flowering-time gene CONSTANS. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 15211-15216.	7.1	183
45	The Interaction of Gibberellins and Photoperiod in the Control of Potato Tuberization. Journal of Plant Growth Regulation, 2001, 20, 377-386.	5.1	68
46	The end-of-day far-red irradiation increases gibberellin A1 content in cowpea (Vigna sinensis) epicotyls by reducing its inactivation. Physiologia Plantarum, 2000, 108, 426-434.	5.2	25
47	Direct Targeting of Light Signals to a Promoter Element-Bound Transcription Factor. Science, 2000, 288, 859-863.	12.6	629
48	The end-of-day far-red irradiation increases gibberellin A1 content in cowpea (Vigna sinensis) epicotyls by reducing its inactivation. Physiologia Plantarum, 2000, 108, 426-434.	5.2	11
49	The HMG-I/Y protein PF1 stimulates binding of the transcriptional activator GT-2 to the PHYA gene promoter. Plant Journal, 1999, 18, 173-183.	5.7	36
50	A simple, rapid and quantitative method for preparing Arabidopsis protein extracts for immunoblot analysis. Plant Journal, 1999, 20, 251-257.	5.7	172
51	Two bZIP proteins fromAntirrhinumflowers preferentially bind a hybrid Câ€box/Gâ€box motif and help to define a new subâ€family of bZIP transcription factors. Plant Journal, 1998, 13, 489-505.	5.7	67
52	Apparent redundancy in myb gene function provides gearing for the control of flavonoid biosynthesis in antirrhinum flowers.. Plant Cell, 1996, 8, 1519-1532.	6.6	175
53	Apparent Redundancy in myb Gene Function Provides Gearing for the Control of Flavonoid Biosynthesis in Antirrhinum Flowers. Plant Cell, 1996, 8, 1519.	6.6	24
54	An acylcyclohexadione retardant inhibits gibberellin A1 metabolism, thereby nullifying phytochrome-modulation of cowpea epicotyl explants. Physiologia Plantarum, 1995, 94, 708-714.	5.2	9

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55	An acylcyclohexadione retardant inhibits gibberellin Al metabolism, thereby nullifying phytochrome-modulation of cowpea epicotyl explants. Physiologia Plantarum, 1995, 94, 708-714.	5.2	12
56	Effect of the growth retardant LAB 198 999, an acylcyclohexanedione compound, on epicotyl elongation and metabolism of gibberellins A1 and A20 in cowpea. Planta, 1992, 188, 245-251.	3.2	13
57	Interaction of gibberellins and phytochrome in the control of cowpea epicotyl elongation. Physiologia Plantarum, 1992, 86, 236-244.	5.2	26
58	Chromatin structure of the 5â€² flanking region of the yeastLEU2 gene. Molecular Genetics and Genomics, 1989, 217, 464-470.	2.4	9