Enrique Lopez-Juez

List of Publications by Year
in descending order

38 papers	2,625 citations	346980 22 h-index	388640 36 g-index
41 all docs	41 docs citations	41 times ranked	3910 citing authors

#	Article	IF	Citations
1	Chloroplast development in green plant tissues: the interplay between light, hormone, and transcriptional regulation. New Phytologist, 2022, 233, 2000-2016.	3.5	74
2	Mutations in the chloroplast inner envelope protein TIC100 impair and repair chloroplast protein import and impact retrograde signaling. Plant Cell, 2022, 34, 3028-3046.	3.1	11
3	Cellular and transcriptomic analyses reveal two-staged chloroplast biogenesis underpinning photosynthesis build-up in the wheat leaf. Genome Biology, 2021, 22, 151.	3.8	28
4	A domestication-associated gene, CsLH, encodes a phytochrome B protein that regulates hypocotyl elongation in cucumber. Molecular Horticulture, 2021, 1, .	2.3	6
5	Retrograde signalling in a virescent mutant triggers an anterograde delay of chloroplast biogenesis that requires GUN1 and is essential for survival. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190400.	1.8	19
6	E2FB Interacts with RETINOBLASTOMA RELATED and Regulates Cell Proliferation during Leaf Development. Plant Physiology, 2020, 182, 518-533.	2.3	28
7	The MKK7-MPK6 MAP Kinase Module Is a Regulator of Meristem Quiescence or Active Growth in Arabidopsis. Frontiers in Plant Science, 2019, 10, 202.	1.7	14
8	Converging Light, Energy and Hormonal Signaling Control Meristem Activity, Leaf Initiation, and Growth. Plant Physiology, 2018, 176, 1365-1381.	2.3	45
9	Coevolving <scp>MAPK</scp> and <scp>PID</scp> phosphosites indicate an ancient environmental control of <scp>PIN</scp> auxin transporters in land plants. FEBS Letters, 2018, 592, 89-102.	1.3	48
10	Chloroplast biology: Costâ€“benefit analysis. Nature Plants, 2015, 1, 15191.	4.7	1
11	Chloroplast Biogenesis-Associated Nuclear Genes: Control by Plastid Signals Evolved Prior to Their Regulation as Part of Photomorphogenesis. Frontiers in Plant Science, 2015, 6, 1078.	1.7	23
12	Biogenesis and homeostasis of chloroplasts and other plastids. Nature Reviews Molecular Cell Biology, 2013, 14, 787-802.	16.1	581
13	Screening or Selection for Chloroplast Biogenesis Mutants of Arabidopsis, Following Chemical or Insertional Mutagenesis. Methods in Molecular Biology, 2011, 774, 3-18.	0.4	2
14	Integrative Transcript and Metabolite Analysis of Nutritionally Enhanced DE-ETIOLATED1 Downregulated Tomato Fruit. Plant Cell, 2010, 22, 1190-1215.	3.1	160
15	Emission of methane from plants. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 1347-1354.	1.2	149
16	Regulatory processes underscoring the light control of shoot meristem activity and leaf initiation. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2009, 153, S205.	0.8	0
17	Steering the solar panel: plastids influence development. New Phytologist, 2009, 182, 287-290.	3.5	14
18	Light fluence rate and chloroplasts are sources of signals controlling mesophyll cell morphogenesis and division. Cell Biology International, 2008, 32, 563-565.	1.4	10

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19	A role for SENSITIVE TO FREEZING2 in protecting chloroplasts against freezeâ€induced damage in Arabidopsis. Plant Journal, 2008, 55, 734-745.	2.8	79
20	New clues to organ size control in plants. Genome Biology, 2008, 9, 226.	13.9	52
21	Distinct Light-Initiated Gene Expression and Cell Cycle Programs in the Shoot Apex and Cotyledons ofArabidopsisÂ. Plant Cell, 2008, 20, 947-968.	3.1	113
22	Light and the Control of Plant Growth. , 2008, , 223-242.		2
23	Distinct leaf developmental and gene expression responses to light quantity depend on blue-photoreceptor or plastid-derived signals, and can occur in the absence of phototropins. Planta, 2007, 227, 113-123.	1.6	42
24	Plastid biogenesis, between light and shadows. Journal of Experimental Botany, 2006, 58, 11-26.	2.4	114
25	Plastids unleashed: their development and their integration in plant development. International Journal of Developmental Biology, 2005, 49, 557-577.	0.3	317
26	Arabidopsis cue mutants with defective plastids are impaired primarily in the photocontrol of expression of photosynthesis-associated nuclear genes. Plant Molecular Biology, 2005, 57, 343-357.	2.0	30
27	Vitellogenin: A Review of Analytical Methods to Detect (Anti) Estrogenic Activity in Fish. Toxicology Mechanisms and Methods, 2005, 15, 293-306.	1.3	59
28	Light quantity controls leaf-cell and chloroplast development in Arabidopsis thaliana wild type and blue-light-perception mutants. Planta, 2000, 211, 807-815.	1.6	122
29	Interactions between hy1 and gun mutants of Arabidopsis, and their implications for plastid/nuclear signalling. Plant Journal, 2000, 24, 883-894.	2.8	6
30	Interactions between hy1 and gun mutants of Arabidopsis, and their implications for plastid/nuclear signalling. Plant Journal, 2000, 24, 883-894.	2.8	86
31	Cellular Differentiation and Leaf Morphogenesis in Arabdopsis. Critical Reviews in Plant Sciences, 1999, 18, 527-546.	2.7	14
32	New Arabidopsis cue Mutants Suggest a Close Connection between Plastid- and Phytochrome Regulation of Nuclear Gene Expression. Plant Physiology, 1998, 118, 803-815.	2.3	109
33	Phytochrome, Gibberellins, and Hypocotyl Growth (A Study Using the Cucumber (Cucumis sativus L.)) Tj ETQq1 1 0.784314 rgBT /Ove	2.3	79
34	Identification of photo-inactive phytochrome A in etiolated seedlings and photo-active phytochrome B in green leaves of the aurea mutant of tomato. Plant Journal, 1993, 4, 1035-1042.	2.8	53
35	A blue-light photoreceptor mediates the fluence-rate-dependent expression of genes encoding the small subunit of ribulose 1,5-bisphosphate carboxylase/oxygenase in light-grown Phaseolus vulgaris primary leaves. Planta, 1993, 192, 1.	1.6	11
36	RESPONSE OF LIGHT-GROWN WILD-TYPE and LONG HYPOCOTYL MUTANT CUCUMBER PLANTS TO END-OF-DAY FAR-RED LIGHT. Photochemistry and Photobiology, 1990, 52, 143-149.	1.3	56

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37	Response of light-grown wild-type and aurea-mutant tomato plants to end-of-day far-red light. Journal of Photochemistry and Photobiology B: Biology, 1990, 4, 391-405.	1.7	42
38	Cellular Differentiation and Leaf Morphogenesis in Arabdopsis. , 0, .		15