

# Enrique Lopez-Juez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9168595/publications.pdf>

Version: 2024-02-01

38  
papers

2,625  
citations

304743

22  
h-index

330143

37  
g-index

41  
all docs

41  
docs citations

41  
times ranked

3525  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biogenesis and homeostasis of chloroplasts and other plastids. <i>Nature Reviews Molecular Cell Biology</i> , 2013, 14, 787-802.	37.0	581
2	Plastids unleashed: their development and their integration in plant development. <i>International Journal of Developmental Biology</i> , 2005, 49, 557-577.	0.6	317
3	Integrative Transcript and Metabolite Analysis of Nutritionally Enhanced <i>DE-ETIOLATED1</i> Downregulated Tomato Fruit. <i>Plant Cell</i> , 2010, 22, 1190-1215.	6.6	160
4	Emission of methane from plants. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 1347-1354.	2.6	149
5	Light quantity controls leaf-cell and chloroplast development in <i>Arabidopsis thaliana</i> wild type and blue-light-perception mutants. <i>Planta</i> , 2000, 211, 807-815.	3.2	122
6	Plastid biogenesis, between light and shadows. <i>Journal of Experimental Botany</i> , 2006, 58, 11-26.	4.8	114
7	Distinct Light-Initiated Gene Expression and Cell Cycle Programs in the Shoot Apex and Cotyledons of <i>Arabidopsis</i> . <i>Plant Cell</i> , 2008, 20, 947-968.	6.6	113
8	New <i>Arabidopsis</i> cue Mutants Suggest a Close Connection between Plastid- and Phytochrome Regulation of Nuclear Gene Expression. <i>Plant Physiology</i> , 1998, 118, 803-815.	4.8	109
9	Interactions between <i>hy1</i> and <i>gun</i> mutants of <i>Arabidopsis</i> , and their implications for plastid/nuclear signalling. <i>Plant Journal</i> , 2000, 24, 883-894.	5.7	86
10	Phytochrome, Gibberellins, and Hypocotyl Growth (A Study Using the Cucumber ( <i>Cucumis sativus</i> L.)) <i>Journal of Experimental Botany</i> , 2000, 51, 107-116.	4.8	79
11	A role for <i>SENSITIVE TO FREEZING2</i> in protecting chloroplasts against freeze-induced damage in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2008, 55, 734-745.	5.7	79
12	Chloroplast development in green plant tissues: the interplay between light, hormone, and transcriptional regulation. <i>New Phytologist</i> , 2022, 233, 2000-2016.	7.3	74
13	Vitellogenin: A Review of Analytical Methods to Detect (Anti) Estrogenic Activity in Fish. <i>Toxicology Mechanisms and Methods</i> , 2005, 15, 293-306.	2.7	59
14	RESPONSE OF LIGHT-GROWN WILD-TYPE and LONG HYPOCOTYL MUTANT CUCUMBER PLANTS TO END-OF-DAY FAR-RED LIGHT. <i>Photochemistry and Photobiology</i> , 1990, 52, 143-149.	2.5	56
15	Identification of photo-inactive phytochrome A in etiolated seedlings and photo-active phytochrome B in green leaves of the <i>aurea</i> mutant of tomato. <i>Plant Journal</i> , 1993, 4, 1035-1042.	5.7	53
16	New clues to organ size control in plants. <i>Genome Biology</i> , 2008, 9, 226.	9.6	52
17	Coevolving <i>MAPK</i> and <i>PID</i> phosphosites indicate an ancient environmental control of <i>PIN</i> auxin transporters in land plants. <i>FEBS Letters</i> , 2018, 592, 89-102.	2.8	48
18	Converging Light, Energy and Hormonal Signaling Control Meristem Activity, Leaf Initiation, and Growth. <i>Plant Physiology</i> , 2018, 176, 1365-1381.	4.8	45

#	ARTICLE	IF	CITATIONS
19	Response of light-grown wild-type and aurea-mutant tomato plants to end-of-day far-red light. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1990, 4, 391-405.	3.8	42
20	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. <i>Planta</i> , 2007, 227, 113-123.	3.2	42
21	<i>Arabidopsis</i> cue mutants with defective plastids are impaired primarily in the photocontrol of expression of photosynthesis-associated nuclear genes. <i>Plant Molecular Biology</i> , 2005, 57, 343-357.	3.9	30
22	E2FB Interacts with RETINOBLASTOMA RELATED and Regulates Cell Proliferation during Leaf Development. <i>Plant Physiology</i> , 2020, 182, 518-533.	4.8	28
23	Cellular and transcriptomic analyses reveal two-staged chloroplast biogenesis underpinning photosynthesis build-up in the wheat leaf. <i>Genome Biology</i> , 2021, 22, 151.	8.8	28
24	Chloroplast Biogenesis-Associated Nuclear Genes: Control by Plastid Signals Evolved Prior to Their Regulation as Part of Photomorphogenesis. <i>Frontiers in Plant Science</i> , 2015, 6, 1078.	3.6	23
25	Retrograde signalling in a virescent mutant triggers an anterograde delay of chloroplast biogenesis that requires GUN1 and is essential for survival. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190400.	4.0	19
26	Cellular Differentiation and Leaf Morphogenesis in Arabidopsis. <i>Critical Reviews in Plant Sciences</i> , 1999, 18, 527-546.	5.7	15
27	Cellular Differentiation and Leaf Morphogenesis in Arabidopsis. <i>Critical Reviews in Plant Sciences</i> , 1999, 18, 527-546.	5.7	14
28	Steering the solar panel: plastids influence development. <i>New Phytologist</i> , 2009, 182, 287-290.	7.3	14
29	The MKK7-MPK6 MAP Kinase Module Is a Regulator of Meristem Quiescence or Active Growth in Arabidopsis. <i>Frontiers in Plant Science</i> , 2019, 10, 202.	3.6	14
30	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 <i>Phaseolus vulgaris</i> primary leaves. <i>Planta</i> , 1993, 192, 1.	3.2	11
31	Mutations in the chloroplast inner envelope protein TIC100 impair and repair chloroplast protein import and impact retrograde signaling. <i>Plant Cell</i> , 2022, 34, 3028-3046.	6.6	11
32	Light fluence rate and chloroplasts are sources of signals controlling mesophyll cell morphogenesis and division. <i>Cell Biology International</i> , 2008, 32, 563-565.	3.0	10
33	Interactions between <i>hy1</i> and <i>gun</i> mutants of <i>Arabidopsis</i> , and their implications for plastid/nuclear signalling. <i>Plant Journal</i> , 2000, 24, 883-894.	5.7	6
34	A domestication-associated gene, CsLH, encodes a phytochrome B protein that regulates hypocotyl elongation in cucumber. <i>Molecular Horticulture</i> , 2021, 1, .	5.8	6
35	Light and the Control of Plant Growth. , 2008, , 223-242.		2
36	Screening or Selection for Chloroplast Biogenesis Mutants of Arabidopsis, Following Chemical or Insertional Mutagenesis. <i>Methods in Molecular Biology</i> , 2011, 774, 3-18.	0.9	2

#	ARTICLE	IF	CITATIONS
37	Chloroplast biology: Costâ€benefit analysis. <i>Nature Plants</i> , 2015, 1, 15191.	9.3	1
38	Regulatory processes underscoring the light control of shoot meristem activity and leaf initiation. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2009, 153, S205.	1.8	0