

# Patricia LeÃ³n

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

4,611  
citations

331670

21  
h-index

580821

25  
g-index

26  
all docs

26  
docs citations

26  
times ranked

5063  
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of carotenoids as a source of retrograde signals: impact on plant development and stress responses. <i>Journal of Experimental Botany</i> , 2022, 73, 7139-7154.	4.8	13
2	Deconvoluting apocarotenoid-mediated retrograde signaling networks regulating plastid translation and leaf development. <i>Plant Journal</i> , 2021, 105, 1582-1599.	5.7	17
3	Reassessing the evolution of the 1-deoxy-D-xylulose 5-phosphate synthase family suggests a possible novel function for the DXS class 3 proteins. <i>Plant Science</i> , 2021, 310, 110960.	3.6	9
4	Shedding light on the methylerythritol phosphate (MEP) pathway: long hypocotyl 5 (HY5)/phytochrome-interacting factors (PIFs) transcription factors modulating key limiting steps. <i>Plant Journal</i> , 2018, 96, 828-841.	5.7	30
5	Synthesis and Function of Apocarotenoid Signals in Plants. <i>Trends in Plant Science</i> , 2016, 21, 792-803.	8.8	261
6	Functional analysis of the <i>Arabidopsis thaliana</i> CHLOROPLAST BIOGENESIS 19 pentatricopeptide repeat editing protein. <i>New Phytologist</i> , 2015, 208, 430-441.	7.3	39
7	Sugar regulation of SUGAR TRANSPORTER PROTEIN 1 (STP1) expression in <i>Arabidopsis thaliana</i> . <i>Journal of Experimental Botany</i> , 2015, 66, 147-159.	4.8	43
8	Characterization of Evolutionarily Conserved Motifs Involved in Activity and Regulation of the ABA-INSENSITIVE (ABI) 4 Transcription Factor. <i>Molecular Plant</i> , 2014, 7, 422-436.	8.3	29
9	An Uncharacterized Apocarotenoid-Derived Signal Generated in $\eta$ -Carotene Desaturase Mutants Regulates Leaf Development and the Expression of Chloroplast and Nuclear Genes in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2014, 26, 2524-2537.	6.6	160
10	ABI4 and its role in chloroplast retrograde communication. <i>Frontiers in Plant Science</i> , 2012, 3, 304.	3.6	61
11	Tobacco plants expressing the Cry1AbMod toxin suppress tolerance to Cry1Ab toxin of <i>Manduca sexta</i> cadherin-silenced larvae. <i>Insect Biochemistry and Molecular Biology</i> , 2011, 41, 513-519.	2.7	13
12	Functional characterization of the three genes encoding 1-deoxy-D-xylulose 5-phosphate synthase in maize. <i>Journal of Experimental Botany</i> , 2011, 62, 2023-2038.	4.8	136
13	Unravelling the regulatory mechanisms that modulate the MEP pathway in higher plants. <i>Journal of Experimental Botany</i> , 2009, 60, 2933-2943.	4.8	315
14	The <i>Arabidopsis</i> ABA-INSENSITIVE (ABI) 4 factor acts as a central transcription activator of the expression of its own gene, and for the induction of <i>ABI5</i> and <i>SBE2.2</i> genes during sugar signaling. <i>Plant Journal</i> , 2009, 59, 359-374.	5.7	172
15	CLB19, a pentatricopeptide repeat protein required for editing of <i>rpoA</i> and <i>clpP</i> chloroplast transcripts. <i>Plant Journal</i> , 2008, 56, 590-602.	5.7	236
16	Sugar and ABA responsiveness of a minimal RBCS light-responsive unit is mediated by direct binding of ABI4. <i>Plant Journal</i> , 2005, 43, 506-519.	5.7	157
17	Characterization of the <i>Arabidopsis</i> <i>clb6</i> Mutant Illustrates the Importance of Posttranscriptional Regulation of the Methyl-d-Erythritol 4-Phosphate Pathway. <i>Plant Cell</i> , 2005, 17, 628-643.	6.6	146
18	CHLOROPLAST BIOGENESIS Genes Act Cell and Noncell Autonomously in Early Chloroplast Development. <i>Plant Physiology</i> , 2004, 135, 471-482.	4.8	110

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19	Sugar and hormone connections. Trends in Plant Science, 2003, 8, 110-116.	8.8	557
20	Three Genes That Affect Sugar Sensing (Abscisic Acid Insensitive 4, Abscisic Acid Insensitive 5, and Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Physiology, 2003, 133, 231-242.	4.8	132
21	A Unique Short-Chain Dehydrogenase/Reductase in Arabidopsis Glucose Signaling and Abscisic Acid Biosynthesis and Functions. Plant Cell, 2002, 14, 2723-2743.	6.6	764
22	1-Deoxy-d-xylulose-5-phosphate Synthase, a Limiting Enzyme for Plastidic Isoprenoid Biosynthesis in Plants. Journal of Biological Chemistry, 2001, 276, 22901-22909.	3.4	598
23	Analysis of the Expression of CLA1, a Gene That Encodes the 1-Deoxyxylulose 5-Phosphate Synthase of the 2-C-Methyl-d-Erythritol-4-Phosphate Pathway in Arabidopsis. Plant Physiology, 2000, 124, 95-104.	4.8	254
24	CLA1, a novel gene required for chloroplast development, is highly conserved in evolution. Plant Journal, 1996, 9, 649-658.	5.7	300
25	Transient Gene Expression in Protoplasts of Phaseolus vulgaris Isolated from a Cell Suspension Culture. Plant Physiology, 1991, 95, 968-972.	4.8	59