Claire Lurin

List of Publications by Year
in descending order

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28 papers	5,919 citations	279798 23 h-index	501196 28 g-index
29 all docs	29 docs citations	29 times ranked	7120 citing authors

#	Article	IF	Citations
1	Genome-Wide Analysis of Arabidopsis Pentatricopeptide Repeat Proteins Reveals Their Essential Role in Organelle Biogenesis[W]. Plant Cell, 2004, 16, 2089-2103.	6.6	1,132
2	Evidence for Network Evolution in an Arabidopsis Interactome Map. Science, 2011, 333, 601-607.	12.6	838
3	Predotar: A tool for rapidly screening proteomes forN-terminal targeting sequences. Proteomics, 2004, 4, 1581-1590.	2.2	817
4	Regulation of ethylene gas biosynthesis by the Arabidopsis ETO1 protein. Nature, 2004, 428, 945-950.	27.8	362
5	On the Expansion of the Pentatricopeptide Repeat Gene Family in Plants. Molecular Biology and Evolution, 2008, 25, 1120-1128.	8.9	329
6	Versatile Gene-Specific Sequence Tags for Arabidopsis Functional Genomics: Transcript Profiling and Reverse Genetics Applications. Genome Research, 2004, 14, 2176-2189.	5.5	282
7	The Pentatricopeptide Repeat GeneOTP43Is Required fortrans-Splicing of the Mitochondrialnad1Intron 1 inArabidopsis thaliana. Plant Cell, 2007, 19, 3256-3265.	6.6	248
8	CLB19, a pentatricopeptide repeat protein required for editing of rpoA and clpP chloroplast transcripts. Plant Journal, 2008, 56, 590-602.	5.7	236
9	A hypothesis on the identification of the editing enzyme in plant organelles. FEBS Letters, 2007, 581, 4132-4138.	2.8	211
10	Disruption of putative anion channel gene AtCLC-a in Arabidopsis suggests a role in the regulation of nitrate content. Plant Journal, 2000, 21, 259-267.	5.7	151
11	The pentatricopeptide repeat gene OTP51 with two LAGLIDADG motifs is required for the cisâ€splicing of plastid ycf3 intronâ€*f*2 in Arabidopsis thaliana. Plant Journal, 2008, 56, 157-168.	5.7	148
12	Nuclearly Encoded Splicing Factors Implicated in RNA Splicing in Higher Plant Organelles. Molecular Plant, 2010, 3, 691-705.	8.3	139
13	Plant Protein Interactomes. Annual Review of Plant Biology, 2013, 64, 161-187.	18.7	135
14	Two Interacting Proteins Are Necessary for the Editing of the NdhD-1 Site in Arabidopsis Plastids Â. Plant Cell, 2012, 24, 3684-3694.	6.6	130
15	High-Quality Binary Interactome Mapping. Methods in Enzymology, 2010, 470, 281-315.	1.0	126
16	Two interacting PPR proteins are major Arabidopsis editing factors in plastid and mitochondria. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 8877-8882.	7.1	111
17	The cytidine deaminase signature <scp>H</scp>x<scp>E</scp>(x)_n<scp>C</scp>xx<scp>C</scp> of <scp>DYW</scp>1 binds zinc and is necessary for <scp>RNA</scp> editing of ndh<scp>D</scp>â€1. New Phytologist, 2014, 203, 1090-1095.	7.3	100
18	Systematic study of subcellular localization of Arabidopsis PPR proteins confirms a massive targeting to organelles. RNA Biology, 2013, 10, 1557-1575.	3.1	95

#	Article	IF	Citations
19	The multifarious roles of PPR proteins in plant mitochondrial gene expression. Physiologia Plantarum, 2007, 129, 14-22.	5.2	94
20	Analysis of the DNA-Binding Activities of the Arabidopsis R2R3-MYB Transcription Factor Family by One-Hybrid Experiments in Yeast. PLoS ONE, 2015, 10, e0141044.	2.5	60
21	Synthetic data sets for the identification of key ingredients for RNA-seq differential analysis. Briefings in Bioinformatics, 2018, 19, bbw092.	6.5	40
22	EffectorK, a comprehensive resource to mine for Ralstonia, Xanthomonas, and other published effector interactors in the Arabidopsis proteome. Molecular Plant Pathology, 2020, 21, 1257-1270.	4.2	38
23	Advanced Cataloging of Lysine-63 Polyubiquitin Networks by Genomic, Interactome, and Sensor-Based Proteomic Analyses. Plant Cell, 2020, 32, 123-138.	6.6	34
24	The Analysis of the Editing Defects in the dyw2 Mutant Provides New Clues for the Prediction of RNA Targets of Arabidopsis E+-Class PPR Proteins. Plants, 2020, 9, 280.	3.5	21
25	CLC-Nt1, a putative chloride channel protein of tobacco, co-localizes with mitochondrial membrane markers. Biochemical Journal, 2000, 348, 291.	3.7	15
26	Bioinformatic Analysis of Chloroplast Gene Expression and RNA Posttranscriptional Maturations Using RNA Sequencing. Methods in Molecular Biology, 2018, 1829, 279-294.	0.9	12
27	RFLP of RT-PCR products: Application to the expression ofCHS multigene family in poplar. Molecular Breeding, 1995, 1, 411-417.	2.1	9
28	Adenylates regulate Arabidopsis plastidial thioredoxin activities through the binding of a CBS domain protein. Plant Physiology, 2022, 189, 2298-2314.	4.8	6