

Claire Lurin

List of Publications by Year in descending order

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Version: 2024-02-01

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	Adenylates regulate Arabidopsis plastidial thioredoxin activities through the binding of a CBS domain protein. <i>Plant Physiology</i> , 2022, 189, 2298-2314.	4.8	6
2	Advanced Cataloging of Lysine-63 Polyubiquitin Networks by Genomic, Interactome, and Sensor-Based Proteomic Analyses. <i>Plant Cell</i> , 2020, 32, 123-138.	6.6	34
3	EffectorK, a comprehensive resource to mine for <i>Ralstonia</i> , <i>Xanthomonas</i> , and other published effector interactors in the <i>Arabidopsis</i> proteome. <i>Molecular Plant Pathology</i> , 2020, 21, 1257-1270.	4.2	38
4	The Analysis of the Editing Defects in the <i>dyw2</i> Mutant Provides New Clues for the Prediction of RNA Targets of Arabidopsis E+-Class PPR Proteins. <i>Plants</i> , 2020, 9, 280.	3.5	21
5	Synthetic data sets for the identification of key ingredients for RNA-seq differential analysis. <i>Briefings in Bioinformatics</i> , 2018, 19, bbw092.	6.5	40
6	Bioinformatic Analysis of Chloroplast Gene Expression and RNA Posttranscriptional Maturations Using RNA Sequencing. <i>Methods in Molecular Biology</i> , 2018, 1829, 279-294.	0.9	12
7	Two interacting PPR proteins are major Arabidopsis editing factors in plastid and mitochondria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 8877-8882.	7.1	111
8	Analysis of the DNA-Binding Activities of the Arabidopsis R2R3-MYB Transcription Factor Family by One-Hybrid Experiments in Yeast. <i>PLoS ONE</i> , 2015, 10, e0141044.	2.5	60
9	The cytidine deaminase signature $H(x)_n C_x C$ of <i>DYW1</i> binds zinc and is necessary for RNA editing of <i>ndhD</i> . <i>New Phytologist</i> , 2014, 203, 1090-1095.	7.3	100
10	Plant Protein Interactomes. <i>Annual Review of Plant Biology</i> , 2013, 64, 161-187.	18.7	135
11	Systematic study of subcellular localization of Arabidopsis PPR proteins confirms a massive targeting to organelles. <i>RNA Biology</i> , 2013, 10, 1557-1575.	3.1	95
12	Two Interacting Proteins Are Necessary for the Editing of the <i>NdhD-1</i> Site in <i>Arabidopsis</i> Plastids. <i>Plant Cell</i> , 2012, 24, 3684-3694.	6.6	130
13	Evidence for Network Evolution in an <i>Arabidopsis</i> Interactome Map. <i>Science</i> , 2011, 333, 601-607.	12.6	838
14	Nuclearly Encoded Splicing Factors Implicated in RNA Splicing in Higher Plant Organelles. <i>Molecular Plant</i> , 2010, 3, 691-705.	8.3	139
15	High-Quality Binary Interactome Mapping. <i>Methods in Enzymology</i> , 2010, 470, 281-315.	1.0	126
16	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
17	The pentatricopeptide repeat gene <i>OTP51</i> with two LAGLIDADG motifs is required for the cis-splicing of plastid <i>ycf3</i> intron 2 in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2008, 56, 157-168.	5.7	148
18	On the Expansion of the Pentatricopeptide Repeat Gene Family in Plants. <i>Molecular Biology and Evolution</i> , 2008, 25, 1120-1128.	8.9	329

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19	The Pentatricopeptide Repeat Gene <i>OTP43</i> Is Required for <i>trans</i> -Splicing of the Mitochondrial <i>nad1</i> Intron 1 in <i>Arabidopsis thaliana</i> . <i>Plant Cell</i> , 2007, 19, 3256-3265.	6.6	248
20	A hypothesis on the identification of the editing enzyme in plant organelles. <i>FEBS Letters</i> , 2007, 581, 4132-4138.	2.8	211
21	The multifarious roles of PPR proteins in plant mitochondrial gene expression. <i>Physiologia Plantarum</i> , 2007, 129, 14-22.	5.2	94
22	Genome-Wide Analysis of Arabidopsis Pentatricopeptide Repeat Proteins Reveals Their Essential Role in Organelle Biogenesis[W]. <i>Plant Cell</i> , 2004, 16, 2089-2103.	6.6	1,132
23	Versatile Gene-Specific Sequence Tags for Arabidopsis Functional Genomics: Transcript Profiling and Reverse Genetics Applications. <i>Genome Research</i> , 2004, 14, 2176-2189.	5.5	282
24	Regulation of ethylene gas biosynthesis by the Arabidopsis ETO1 protein. <i>Nature</i> , 2004, 428, 945-950.	27.8	362
25	Predotar: A tool for rapidly screening proteomes for N-terminal targeting sequences. <i>Proteomics</i> , 2004, 4, 1581-1590.	2.2	817
26	CLC-Nt1, a putative chloride channel protein of tobacco, co-localizes with mitochondrial membrane markers. <i>Biochemical Journal</i> , 2000, 348, 291.	3.7	15
27	Disruption of putative anion channel gene <i>AtCLC-a</i> in Arabidopsis suggests a role in the regulation of nitrate content. <i>Plant Journal</i> , 2000, 21, 259-267.	5.7	151
28	RFLP of RT-PCR products: Application to the expression of <i>CHS</i> multigene family in poplar. <i>Molecular Breeding</i> , 1995, 1, 411-417.	2.1	9