Etienne Delannoy

List of Publications by Year
in descending order

48 papers	3,829 citations	218677 26 h-index	214800 47 g-index
51 all docs	51 docs citations	51 times ranked	4340 citing authors

#	Article	IF	Citations
1	Analysis of the Plant Mitochondrial Transcriptome. Methods in Molecular Biology, 2022, 2363, 235-262.	0.9	7
2	BdERECTA controls vasculature patterning and phloem-xylem organization in Brachypodium distachyon. BMC Plant Biology, 2021, 21, 196.	3.6	7
3	The Genomic Impact of Mycoheterotrophy in Orchids. Frontiers in Plant Science, 2021, 12, 632033.	3.6	9
4	Transcriptome Analysis Reveals Putative Target Genes of APETALA3-3 During Early Floral Development in Nigella damascena L.. Frontiers in Plant Science, 2021, 12, 660803.	3.6	4
5	Full Length Transcriptome Highlights the Coordination of Plastid Transcript Processing. International Journal of Molecular Sciences, 2021, 22, 11297.	4.1	7
6	Landscape of the Noncoding Transcriptome Response of Two Arabidopsis Ecotypes to Phosphate Starvation. Plant Physiology, 2020, 183, 1058-1072.	4.8	23
7	The Consequences of a Disruption in Cyto-Nuclear Coadaptation on the Molecular Response to a Nitrate Starvation in Arabidopsis. Plants, 2020, 9, 573.	3.5	0
8	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
9	Thirteen New Plastid Genomes from Mixotrophic and Autotrophic Species Provide Insights into Heterotrophy Evolution in Neottieae Orchids. Genome Biology and Evolution, 2019, 11, 2457-2467.	2.5	26
10	Unraveling the Developmental and Genetic Mechanisms Underpinning Floral Architecture in Proteaceae. Frontiers in Plant Science, 2019, 10, 18.	3.6	17
11	Mitochondrial Transcriptome Control and Intercompartment Cross-Talk During Plant Development. Cells, 2019, 8, 583.	4.1	7
12	<i>In situ</i> transcriptomic and metabolomic study of the loss of photosynthesis in the leaves of mixotrophic plants exploiting fungi. Plant Journal, 2019, 98, 826-841.	5.7	25
13	A systems biology approach uncovers a gene co-expression network associated with cell wall degradability in maize. PLoS ONE, 2019, 14, e0227011.	2.5	2
14	Synthetic data sets for the identification of key ingredients for RNA-seq differential analysis. Briefings in Bioinformatics, 2018, 19, bbw092.	6.5	40
15	Homoeologous exchanges cause extensive dosageâ€dependent gene expression changes in an allopolyploid crop. New Phytologist, 2018, 217, 367-377.	7.3	87
16	Bioinformatic Analysis of Chloroplast Gene Expression and RNA Posttranscriptional Maturations Using RNA Sequencing. Methods in Molecular Biology, 2018, 1829, 279-294.	0.9	12
17	Combining laser-assisted microdissection (LAM) and RNA-seq allows to perform a comprehensive transcriptomic analysis of epidermal cells of Arabidopsis embryo. Plant Methods, 2018, 14, 10.	4.3	19
18	Function of the Plant DNA Polymerase Epsilon in Replicative Stress Sensing, a Genetic Analysis. Plant Physiology, 2017, 173, 1735-1749.	4.8	26

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19	Low phosphate activates STOP1-ALMT1 to rapidly inhibit root cell elongation. Nature Communications, 2017, 8, 15300.	12.8	268
20	Characterization of<i>CYCLOIDEA</i>-like genes in Proteaceae, a basal eudicot family with multiple shifts in floral symmetry. Annals of Botany, 2017, 119, 367-378.	2.9	37
21	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
22	A novel role for the root cap in phosphate uptake and homeostasis. ELife, 2016, 5, e14577.	6.0	79
23	A chemical genetic strategy identify the <scp>PHOSTIN</scp>, a synthetic molecule that triggers phosphate starvation responses in <i>Arabidopsis thaliana</i>. New Phytologist, 2016, 209, 161-176.	7.3	15
24	Role of the Polymerase Ïµ sub-unit DPB2 in DNA replication, cell cycle regulation and DNA damage response in Arabidopsis. Nucleic Acids Research, 2016, 44, gkw449.	14.5	18
25	GEM2Net: from gene expression modeling to -omics networks, a new CATdb module to investigate Arabidopsis thaliana genes involved in stress response. Nucleic Acids Research, 2015, 43, D1010-D1017.	14.5	14
26	Identification of Phosphatin, a Drug Alleviating Phosphate Starvation Responses in Arabidopsis Â Â Â. Plant Physiology, 2014, 166, 1479-1491.	4.8	20
27	Arabidopsis CSP41 proteins form multimeric complexes that bind and stabilize distinct plastid transcripts. Journal of Experimental Botany, 2012, 63, 1251-1270.	4.8	49
28	Nucleotide and RNA Metabolism Prime Translational Initiation in the Earliest Events of Mitochondrial Biogenesis during Arabidopsis Germination Â Â. Plant Physiology, 2012, 158, 1610-1627.	4.8	124
29	OTP70 is a pentatricopeptide repeat protein of the Eâ€ƒsubgroup involved in splicing of the plastid transcript <i>rpoC1</i>. Plant Journal, 2011, 65, 532-542.	5.7	106
30	Rampant Gene Loss in the Underground Orchid Rhizanthella gardneri Highlights Evolutionary Constraints on Plastid Genomes. Molecular Biology and Evolution, 2011, 28, 2077-2086.	8.9	248
31	Sublethal Cadmium Intoxication In Arabidopsis thaliana Impacts Translation at Multiple Levels. Plant and Cell Physiology, 2011, 52, 436-447.	3.1	51
32	The Cytoskeleton and the Peroxisomal-Targeted SNOWY COTYLEDON3 Protein Are Required for Chloroplast Development in <i>Arabidopsis</i> Â. Plant Cell, 2010, 22, 3423-3438.	6.6	77
33	<i>Arabidopsis</i> tRNA Adenosine Deaminase Arginine Edits the Wobble Nucleotide of Chloroplast tRNAArg(ACG) and Is Essential for Efficient Chloroplast Translation. Plant Cell, 2009, 21, 2058-2071.	6.6	69
34	Biochemical Evidence for Translational Repression by <i>Arabidopsis</i> MicroRNAs. Plant Cell, 2009, 21, 1762-1768.	6.6	289
35	Phage-Type RNA Polymerase RPOTmp Performs Gene-Specific Transcription in Mitochondria of Arabidopsis thaliana Â Â. Plant Cell, 2009, 21, 2762-2779.	6.6	134
36	Remodeled Respiration in <i>ndufs4</i> with Low Phosphorylation Efficiency Suppresses Arabidopsis Germination and Growth and Alters Control of Metabolism at Night Â Â. Plant Physiology, 2009, 151, 603-619.	4.8	281

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37	Chloroplast ribonucleoprotein CP31A is required for editing and stability of specific chloroplast mRNAs. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 6002-6007.	7.1	109
38	The Arabidopsis gene <i>YS1</i> encoding a DYW protein is required for editing of <i>rpoB</i> transcripts and the rapid development of chloroplasts during early growth. Plant Journal, 2009, 58, 82-96.	5.7	178
39	Pentatricopeptide Repeat Proteins with the DYW Motif Have Distinct Molecular Functions in RNA Editing and RNA Cleavage in <i>Arabidopsis</i> Chloroplasts. Plant Cell, 2009, 21, 146-156.	6.6	226
40	CLB19, a pentatricopeptide repeat protein required for editing of <i>rpoA</i> and <i>clpP</i> chloroplast transcripts. Plant Journal, 2008, 56, 590-602.	5.7	236
41	The pentatricopeptide repeat gene <i>OTP51</i> with two LAGLIDADG motifs is required for the <i>cis</i>â€splicing of plastid <i>ycf3</i> intronâ€ƒ2 in <i>Arabidopsis thaliana</i>. Plant Journal, 2008, 56, 157-168.	5.7	148
42	Complex I Dysfunction Redirects Cellular and Mitochondrial Metabolism in Arabidopsis Â. Plant Physiology, 2008, 148, 1324-1341.	4.8	98
43	Pentatricopeptide repeat (PPR) proteins as sequence-specificity factors in post-transcriptional processes in organelles. Biochemical Society Transactions, 2007, 35, 1643-1647.	3.4	215
44	Molecular cloning and characterization of Gossypium hirsutum superoxide dismutase genes during cottonâ€œXanthomonas campestris pv. malvacearum interaction. Physiological and Molecular Plant Pathology, 2006, 68, 119-127.	2.5	14
45	Resistance of Cotton Towards Xanthomonas campestris pv. malvacearum. Annual Review of Phytopathology, 2005, 43, 63-82.	7.8	60
46	Les peroxydases vÃ©gÃ©tales de classe III. Acta Botanica Gallica, 2004, 151, 353-380.	0.9	12
47	Activity of Class III Peroxidases in the Defense of Cotton to Bacterial Blight. Molecular Plant-Microbe Interactions, 2003, 16, 1030-1038.	2.6	67
48	Lipid peroxidation in cotton:Xanthomonasinteractions and the role of lipoxygenases during the hypersensitive reaction. Plant Journal, 2002, 32, 1-12.	5.7	134