Hakim Mireau

List of Publications by Year
in descending order

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20 papers	2,157 citations	687363 13 h-index	839539 18 g-index
25 all docs	25 docs citations	25 times ranked	2279 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	Plant organellar RNA editing: what 30Âyears of research has revealed. Plant Journal, 2020, 101, 1040-1056.	5.7	193
3	The Rf and Rf-like PPR in higher plants, a fast-evolving subclass of PPR genes. RNA Biology, 2013, 10, 1469-1476.	3.1	118
4	The pentatricopeptide repeat MTSF1 protein stabilizes the nad4 mRNA in Arabidopsis mitochondria. Nucleic Acids Research, 2013, 41, 6650-6663.	14.5	98
5	Small is big in Arabidopsis mitochondrial ribosome. Nature Plants, 2019, 5, 106-117.	9.3	96
6	The Propensity of Pentatricopeptide Repeat Genes to Evolve into Restorers of Cytoplasmic Male Sterility. Frontiers in Plant Science, 2016, 7, 1816.	3.6	83
7	Disruption of the CYTOCHROME C OXIDASE DEFICIENT1 Gene Leads to Cytochrome c Oxidase Depletion and Reorchestrated Respiratory Metabolism in Arabidopsis Â Â. Plant Physiology, 2014, 166, 1788-1802.	4.8	77
8	The MTL1 Pentatricopeptide Repeat Protein Is Required for Both Translation and Splicing of the Mitochondrial NADH DEHYDROGENASE SUBUNIT7 mRNA in Arabidopsis. Plant Physiology, 2016, 170, 354-366.	4.8	77
9	PPR336 is Associated with Polysomes in Plant Mitochondria. Journal of Molecular Biology, 2008, 375, 626-636.	4.2	67
10	The pentatricopeptide repeat protein MTSF2 stabilizes a nad1 precursor transcript and defines the 3Î„ end of its 5Î„-half intron. Nucleic Acids Research, 2017, 45, 6119-6134.	14.5	48
11	The translational landscape of Arabidopsis mitochondria. Nucleic Acids Research, 2018, 46, 6218-6228.	14.5	40
12	Three new pentatricopeptide repeat proteins facilitate the splicing of mitochondrial transcripts and complex I biogenesis in Arabidopsis. Journal of Experimental Botany, 2018, 69, 5131-5140.	4.8	36
13	A restorerâ€ofâ€fertility like pentatricopeptide repeat gene directs ribonucleolytic processing within the coding sequence of <scp>rps3</scp>â€<scp>rpl16</scp> and <scp>orf240a</scp> mitochondrial transcripts in <scp>A</scp>rabidopsis thaliana. Plant Journal, 2014, 78, 134-145.	5.7	25
14	The radish Ogura fertility restorer impedes translation elongation along its cognate CMS-causing mRNA. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	20
15	Rerouting of ribosomal proteins into splicing in plant organelles. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 29979-29987.	7.1	16
16	In vivo functional analysis of a nuclear restorer PPR protein. BMC Plant Biology, 2014, 14, 313.	3.6	14
17	A Case of Gene Fragmentation in Plant Mitochondria Fixed by the Selection of a Compensatory Restorer of Fertility-Like PPR Gene. Molecular Biology and Evolution, 2021, 38, 3445-3458.	8.9	9
18	MISF2 Encodes an Essential Mitochondrial Splicing Cofactor Required for nad2 mRNA Processing and Embryo Development in Arabidopsis thaliana. International Journal of Molecular Sciences, 2022, 23, 2670.	4.1	3

#	Article	IF	Citations
19	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
20	THE CROSS-TALK BETWEEN GENOMES. , 0, , 33-66.		0