Chunhui Xu

List of Publications by Year
in descending order

12 papers	282 citations	1163117 8 h-index	1199594 12 g-index
12 all docs	12 docs citations	12 times ranked	301 citing authors

#	Article	IF	Citations
1	The pentatricopeptide repeat protein <scp>EMP</scp>9 is required for mitochondrial ccmB and rps4 transcript editing, mitochondrial complex biogenesis and seed development in maize. New Phytologist, 2017, 214, 782-795.	7.3	68
2	Heterologous Expression of the Wheat Aquaporin Gene TaTIP2;2 Compromises the Abiotic Stress Tolerance of Arabidopsis thaliana. PLoS ONE, 2013, 8, e79618.	2.5	46
3	PPR-SMR1 is required for the splicing of multiple mitochondrial introns, interacts with Zm-mCSF1, and is essential for seed development in maize. Journal of Experimental Botany, 2019, 70, 5245-5258.	4.8	36
4	Empty Pericarp21 encodes a novel PPR-DYW protein that is required for mitochondrial RNA editing at multiple sites, complexes I and V biogenesis, and seed development in maize. PLoS Genetics, 2019, 15, e1008305.	3.5	31
5	PPR20 Is Required for the cis-Splicing of Mitochondrial nad2 Intron 3 and Seed Development in Maize. Plant and Cell Physiology, 2020, 61, 370-380.	3.1	29
6	DEK46 performs Câ€toâ€U editing of a specific site in mitochondrial nad7 introns that is critical for intron splicing and seed development in maize. Plant Journal, 2020, 103, 1767-1782.	5.7	19
7	PPR14 Interacts With PPR-SMR1 and CRM Protein Zm-mCSF1 to Facilitate Mitochondrial Intron Splicing in Maize. Frontiers in Plant Science, 2020, 11, 814.	3.6	18
8	The Mitochondrial Pentatricopeptide Repeat Protein PPR18 Is Required for the cis-Splicing of nad4 Intron 1 and Essential to Seed Development in Maize. International Journal of Molecular Sciences, 2020, 21, 4047.	4.1	13
9	EMP32 is required for the cis-splicing of nad7 intron 2 and seed development in maize. RNA Biology, 2021, 18, 499-509.	3.1	8
10	Emb15 encodes a plastid ribosomal assembly factor essential for embryogenesis in maize. Plant Journal, 2021, 106, 214-227.	5.7	6
11	EMP80 mediates the Câ€toâ€U editing of nad7 and atp4 and interacts with ZmDYW2 in maize mitochondria. New Phytologist, 2022, 234, 1237-1248.	7.3	5
12	Artificial Chromosomes in Rice (Oryza sativa). Current Protocols in Plant Biology, 2016, 1, 107-120.	2.8	3