

HÃ©lÃ¨ne Zuber

List of Publications by Year in descending order

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papers

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840585

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#	ARTICLE	IF	CITATIONS
1	A NYN domain protein directly interacts with DECAPPING1 and is required for phyllotactic pattern. <i>Plant Physiology</i> , 2022, 188, 1174-1188.	2.3	9
2	The TUTase URT1 connects decapping activators and prevents the accumulation of excessively deadenylated mRNAs to avoid siRNA biogenesis. <i>Nature Communications</i> , 2021, 12, 1298.	5.8	32
3	High-Resolution Mapping of 3' Extremities of RNA Exosome Substrates by 3' RACE-Seq. <i>Methods in Molecular Biology</i> , 2020, 2062, 147-167.	0.4	2
4	RNA uridylation: a key posttranscriptional modification shaping the coding and noncoding transcriptome. <i>Wiley Interdisciplinary Reviews RNA</i> , 2018, 9, e1440.	3.2	73
5	RNA uridylation and decay in plants. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20180163.	1.8	14
6	Respective Contributions of URT1 and HESO1 to the Uridylation of 5' Fragments Produced From RISC-Cleaved mRNAs. <i>Frontiers in Plant Science</i> , 2018, 9, 1438.	1.7	17
7	The UPF1 interactome reveals interaction networks between RNA degradation and translation repression factors in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2018, 96, 119-132.	2.8	47
8	RNA degradation by the plant RNA exosome involves both phosphorolytic and hydrolytic activities. <i>Nature Communications</i> , 2017, 8, 2162.	5.8	44
9	Uridylation Earmarks mRNAs for Degradation and More. <i>Trends in Genetics</i> , 2016, 32, 607-619.	2.9	45
10	Uridylation and PABP Cooperate to Repair mRNA Deadened Ends in <i>Arabidopsis</i> . <i>Cell Reports</i> , 2016, 14, 2707-2717.	2.9	54
11	Distinct 18S rRNA precursors are targets of the exosome complex, the exoribonuclease RRP6L2 and the terminal nucleotidyltransferase TRL in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2015, 83, 991-1004.	2.8	26
12	The RNA Helicases AtMTR4 and HEN2 Target Specific Subsets of Nuclear Transcripts for Degradation by the Nuclear Exosome in <i>Arabidopsis thaliana</i> . <i>PLoS Genetics</i> , 2014, 10, e1004564.	1.5	97
13	Uridylation prevents 3' trimming of oligoadenylated mRNAs. <i>Nucleic Acids Research</i> , 2013, 41, 7115-7127.	6.5	83