

# HÃ©lÃ¨ne Zuber

## List of Publications by Year in descending order

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13  
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#	ARTICLE	IF	CITATIONS
1	The RNA Helicases AtMTR4 and HEN2 Target Specific Subsets of Nuclear Transcripts for Degradation by the Nuclear Exosome in Arabidopsis thaliana. PLoS Genetics, 2014, 10, e1004564.	1.5	97
2	Uridylation prevents 3' trimming of oligoadenylated mRNAs. Nucleic Acids Research, 2013, 41, 7115-7127.	6.5	83
3	<scp>RNA</scp> uridylation: a key posttranscriptional modification shaping the coding and noncoding transcriptome. Wiley Interdisciplinary Reviews RNA, 2018, 9, e1440.	3.2	73
4	Uridylation and PABP Cooperate to Repair mRNA Deadenedylated Ends in Arabidopsis. Cell Reports, 2016, 14, 2707-2717.	2.9	54
5	The UPF1 interactome reveals interaction networks between RNA degradation and translation repression factors in Arabidopsis. Plant Journal, 2018, 96, 119-132.	2.8	47
6	Uridylation Earmarks mRNAs for Degradation and More. Trends in Genetics, 2016, 32, 607-619.	2.9	45
7	RNA degradation by the plant RNA exosome involves both phosphorolytic and hydrolytic activities. Nature Communications, 2017, 8, 2162.	5.8	44
8	The TUTase URT1 connects decapping activators and prevents the accumulation of excessively deadenylated mRNAs to avoid siRNA biogenesis. Nature Communications, 2021, 12, 1298.	5.8	32
9	Distinct 18S <scp>rRNA</scp> precursors are targets of the exosome complex, the exoribonuclease <scp>RRP</scp>6L2 and the terminal nucleotidyltransferase <scp>TRL</scp> in <i>Arabidopsis thaliana</i>. Plant Journal, 2015, 83, 991-1004.	2.8	26
10	Respective Contributions of URT1 and HESO1 to the Uridylation of 5â€² Fragments Produced From RISC-Cleaved mRNAs. Frontiers in Plant Science, 2018, 9, 1438.	1.7	17
11	RNA uridylation and decay in plants. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20180163.	1.8	14
12	A NYN domain protein directly interacts with DECAPPING1 and is required for phyllotactic pattern. Plant Physiology, 2022, 188, 1174-1188.	2.3	9
13	High-Resolution Mapping of 3â€™ Extremities of RNA Exosome Substrates by 3â€™ RACE-Seq. Methods in Molecular Biology, 2020, 2062, 147-167.	0.4	2