

# Andrea Barta

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22

papers

2,161

citations

12

h-index

46

g-index

58

ext. papers

3,142

ext. citations

13.2

avg, IF

4.77

L-index

#	Paper	IF	Citations
22	Targeting alternative splicing by RNAi: from the differential impact on splice variants to triggering artificial pre-mRNA splicing. <i>Nucleic Acids Research</i> , <b>2021</b> , 49, 1133-1151	20.1	4
21	Light regulates alternative splicing outcomes via the TOR kinase pathway. <i>Cell Reports</i> , <b>2021</b> , 36, 109676	10.6	5
20	The cyclin-dependent kinase G group defines a thermo-sensitive alternative splicing circuit modulating the expression of Arabidopsis ATU2AF65A. <i>Plant Journal</i> , <b>2018</b> , 94, 1010-1022	6.9	24
19	A high quality Arabidopsis transcriptome for accurate transcript-level analysis of alternative splicing. <i>Nucleic Acids Research</i> , <b>2017</b> , 45, 5061-5073	20.1	138
18	The spliceosome-associated protein Nrl1 suppresses homologous recombination-dependent R-loop formation in fission yeast. <i>Nucleic Acids Research</i> , <b>2016</b> , 44, 1703-17	20.1	17
17	Unmasking alternative splicing inside protein-coding exons defines exons and their role in proteome plasticity. <i>Genome Research</i> , <b>2015</b> , 25, 995-1007	9.7	98
16	Lost in Translation: Pitfalls in Deciphering Plant Alternative Splicing Transcripts. <i>Plant Cell</i> , <b>2015</b> , 27, 2083-7	11.6	28
15	AtRTD - a comprehensive reference transcript dataset resource for accurate quantification of transcript-specific expression in Arabidopsis thaliana. <i>New Phytologist</i> , <b>2015</b> , 208, 96-101	9.8	31
14	A chloroplast retrograde signal regulates nuclear alternative splicing. <i>Science</i> , <b>2014</b> , 344, 427-30	33.3	135
13	Suitable transfection methods for single particle tracing in plant suspension cells. <i>Plant Methods</i> , <b>2014</b> , 10, 15	5.8	2
12	Imaging of endogenous messenger RNA splice variants in living cells reveals nuclear retention of transcripts inaccessible to nonsense-mediated decay in Arabidopsis. <i>Plant Cell</i> , <b>2014</b> , 26, 754-64	11.6	78
11	Complexity of the alternative splicing landscape in plants. <i>Plant Cell</i> , <b>2013</b> , 25, 3657-83	11.6	453
10	Alternative splicing and nonsense-mediated decay modulate expression of important regulatory genes in Arabidopsis. <i>Nucleic Acids Research</i> , <b>2012</b> , 40, 2454-69	20.1	310
9	Alternative splicing in plants--coming of age. <i>Trends in Plant Science</i> , <b>2012</b> , 17, 616-23	13.1	301
8	Genomic SELEX to Identify RNA Targets of Plant RNA-Binding Proteins <b>2012</b> , 218-226		
7	Monitoring Changes in Plant Alternative Splicing Events <b>2012</b> , 248-259		1
6	In Vivo Analysis of Plant Intron Splicing <b>2012</b> , 450-462		1

5	RNA-Protein Crosslinking and Immunoprecipitation (CLIP) in <i>Schizosaccharomyces pombe</i> <b>2012</b> , 280-288		
4	Challenges in Plant Alternative Splicing <b>2012</b> , 79-91		4
3	Transcriptome survey reveals increased complexity of the alternative splicing landscape in <i>Arabidopsis</i> . <i>Genome Research</i> , <b>2012</b> , 22, 1184-95	9-7	520
2	AtRTD2: A Reference Transcript Dataset for accurate quantification of alternative splicing and expression changes in <i>Arabidopsis thaliana</i> RNA-seq data		6
1	A high resolution single molecule sequencing-based <i>Arabidopsis</i> transcriptome using novel methods of Iso-seq analysis		1