

# Didier Auboeuf

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

3,310  
citations

172443

29  
h-index

182417

51  
g-index

57  
all docs

57  
docs citations

57  
times ranked

5074  
citing authors

#	ARTICLE	IF	CITATIONS
1	Coordinate Regulation of Transcription and Splicing by Steroid Receptor Coregulators. <i>Science</i> , 2002, 298, 416-419.	12.6	342
2	The multiple functions of RNA helicases as drivers and regulators of gene expression. <i>Nature Reviews Molecular Cell Biology</i> , 2016, 17, 426-438.	37.0	212
3	RNA Helicases DDX5 and DDX17 Dynamically Orchestrate Transcription, miRNA, and Splicing Programs in Cell Differentiation. <i>Cell Reports</i> , 2014, 7, 1900-1913.	6.4	176
4	Steroid Hormone Receptor Coactivation and Alternative RNA Splicing by U2AF65-Related Proteins CAPER1 $\pm$ and CAPER1 $^2$ . <i>Molecular Cell</i> , 2005, 17, 429-439.	9.7	173
5	Splicing misregulation of SCN5A contributes to cardiac-conduction delay and heart arrhythmia in myotonic dystrophy. <i>Nature Communications</i> , 2016, 7, 11067.	12.8	155
6	CoAA, a Nuclear Receptor Coactivator Protein at the Interface of Transcriptional Coactivation and RNA Splicing. <i>Molecular and Cellular Biology</i> , 2004, 24, 442-453.	2.3	149
7	Cotranscriptional exon skipping in the genotoxic stress response. <i>Nature Structural and Molecular Biology</i> , 2010, 17, 1358-1366.	8.2	143
8	The Use of the Reverse Transcription-Competitive Polymerase Chain Reaction to Investigate the <i>Vivo</i> Regulation of Gene Expression in Small Tissue Samples. <i>Analytical Biochemistry</i> , 1997, 245, 141-148.	2.4	123
9	Splicing switch of an epigenetic regulator by RNA helicases promotes tumor-cell invasiveness. <i>Nature Structural and Molecular Biology</i> , 2012, 19, 1139-1146.	8.2	117
10	Splicing factor and exon profiling across human tissues. <i>Nucleic Acids Research</i> , 2010, 38, 2825-2838.	14.5	114
11	Regulation of Alternative Splicing by the ATP-Dependent DEAD-Box RNA Helicase p72. <i>Molecular and Cellular Biology</i> , 2002, 22, 5698-5707.	2.3	113
12	Candidate gene prioritization with Endeavour. <i>Nucleic Acids Research</i> , 2016, 44, W117-W121.	14.5	111
13	Differential recruitment of nuclear receptor coactivators may determine alternative RNA splice site choice in target genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 2270-2274.	7.1	110
14	The emerging role of pre-messenger RNA splicing in stress responses: Sending alternative messages and silent messengers. <i>RNA Biology</i> , 2011, 8, 740-747.	3.1	91
15	A Subset of Nuclear Receptor Coregulators Act as Coupling Proteins during Synthesis and Maturation of RNA Transcripts. <i>Molecular and Cellular Biology</i> , 2005, 25, 5307-5316.	2.3	90
16	Alteration of cyclin D1 transcript elongation by a mutated transcription factor up-regulates the oncogenic D1b splice isoform in cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 6004-6009.	7.1	85
17	FAST DB: a website resource for the study of the expression regulation of human gene products. <i>Nucleic Acids Research</i> , 2005, 33, 4276-4284.	14.5	77
18	A new advance in alternative splicing databases: from catalogue to detailed analysis of regulation of expression and function of human alternative splicing variants. <i>BMC Bioinformatics</i> , 2007, 8, 180.	2.6	64

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19	In Vitro and In Vivo Modulation of Alternative Splicing by the Biguanide Metformin. <i>Molecular Therapy - Nucleic Acids</i> , 2015, 4, e262.	5.1	63
20	Coregulators: transducing signal from transcription to alternative splicing. <i>Trends in Endocrinology and Metabolism</i> , 2007, 18, 122-129.	7.1	61
21	Endothelial, epithelial, and fibroblast cells exhibit specific splicing programs independently of their tissue of origin. <i>Genome Research</i> , 2014, 24, 511-521.	5.5	61
22	Exon-Based Clustering of Murine Breast Tumor Transcriptomes Reveals Alternative Exons Whose Expression Is Associated with Metastasis. <i>Cancer Research</i> , 2010, 70, 896-905.	0.9	59
23	Nucleosome eviction in mitosis assists condensin loading and chromosome condensation. <i>EMBO Journal</i> , 2016, 35, 1565-1581.	7.8	53
24	Identification of protein features encoded by alternative exons using Exon Ontology. <i>Genome Research</i> , 2017, 27, 1087-1097.	5.5	45
25	The Ddx5 and Ddx17 RNA helicases are cornerstones in the complex regulatory array of steroid hormone-signaling pathways. <i>Nucleic Acids Research</i> , 2014, 42, 2197-2207.	14.5	44
26	Splicing Programs and Cancer. <i>Journal of Nucleic Acids</i> , 2012, 2012, 1-9.	1.2	43
27	The RNA helicase DDX17 controls the transcriptional activity of REST and the expression of proneural microRNAs in neuronal differentiation. <i>Nucleic Acids Research</i> , 2018, 46, 7686-7700.	14.5	43
28	A recently evolved class of alternative 3' terminal exons involved in cell cycle regulation by topoisomerase inhibitors. <i>Nature Communications</i> , 2014, 5, 3395.	12.8	39
29	Alternative splicing and breast cancer. <i>RNA Biology</i> , 2010, 7, 403-411.	3.1	35
30	Coupled alteration of transcription and splicing by a single oncogene: Boosting the effect on cyclin D1 activity. <i>Cell Cycle</i> , 2008, 7, 2299-2305.	2.6	32
31	Complementarity of assembly-first and mapping-first approaches for alternative splicing annotation and differential analysis from RNAseq data. <i>Scientific Reports</i> , 2018, 8, 4307.	3.3	31
32	The RNA helicase DDX5/p68 is a key factor promoting c-fos expression at different levels from transcription to mRNA export. <i>Nucleic Acids Research</i> , 2013, 41, 554-564.	14.5	30
33	ZRANB2 and SYF2-mediated splicing programs converging on ECT2 are involved in breast cancer cell resistance to doxorubicin. <i>Nucleic Acids Research</i> , 2020, 48, 2676-2693.	14.5	30
34	Cotranscriptional Splicing Potentiates the mRNA Production from a Subset of Estradiol-Stimulated Genes. <i>Molecular and Cellular Biology</i> , 2008, 28, 5811-5824.	2.3	24
35	Intragenic recruitment of NF- $\kappa$ B drives splicing modifications upon activation by the oncogene Tax of HTLV-1. <i>Nature Communications</i> , 2020, 11, 3045.	12.8	24
36	Oncogene- and drug resistance-associated alternative exon usage in acute myeloid leukemia (AML). <i>Oncotarget</i> , 2016, 7, 2889-2909.	1.8	19

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37	Characterizing the interplay between gene nucleotide composition bias and splicing. <i>Genome Biology</i> , 2019, 20, 259.	8.8	18
38	HTLV-1-infected CD4+ T-cells display alternative exon usages that culminate in adult T-cell leukemia. <i>Retrovirology</i> , 2014, 11, 119.	2.0	16
39	Interplay between coding and exonic splicing regulatory sequences. <i>Genome Research</i> , 2019, 29, 711-722.	5.5	14
40	Physicochemical Foundations of Life that Direct Evolution: Chance and Natural Selection are not Evolutionary Driving Forces. <i>Life</i> , 2020, 10, 7.	2.4	14
41	Alternative mRNA processing sites decrease genetic variability while increasing functional diversity. <i>Transcription</i> , 2018, 9, 75-87.	3.1	11
42	Integrative Cell Type-Specific Multi-Omics Approaches Reveal Impaired Programs of Glial Cell Differentiation in Mouse Culture Models of DM1. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 662035.	3.7	11
43	Modulation of alternative splicing during early infection of human primary B lymphocytes with Epstein-Barr virus (EBV): a novel function for the viral EBNA-LP protein. <i>Nucleic Acids Research</i> , 2021, 49, 10657-10676.	14.5	11
44	Alternative Splicing and Cancer. <i>Journal of Nucleic Acids</i> , 2012, 2012, 1-2.	1.2	6
45	Myotonic dystrophy RNA toxicity alters morphology, adhesion and migration of mouse and human astrocytes. <i>Nature Communications</i> , 2022, 13, .	12.8	6
46	Putative RNA-directed adaptive mutations in cancer evolution. <i>Transcription</i> , 2016, 7, 164-187.	3.1	5
47	Genome evolution is driven by gene expression-generated biophysical constraints through RNA-directed genetic variation: A hypothesis. <i>BioEssays</i> , 2017, 39, 1700069.	2.5	4
48	The RNA helicase DDX5 is a reprogramming roadblock. <i>Stem Cell Investigation</i> , 2017, 4, 79-79.	3.0	3
49	The proto-oncogenic protein TAL1 controls TGF- $\beta$ 1 signaling through interaction with SMAD3. <i>Biochimie Open</i> , 2016, 2, 69-78.	3.2	2
50	The Physics-Biology continuum challenges darwinism: Evolution is directed by the homeostasis-dependent bidirectional relation between genome and phenotype. <i>Progress in Biophysics and Molecular Biology</i> , 2021, 167, 121-139.	2.9	2
51	Altered splicing of <i>ATG16L1</i> mediates acquired resistance to tyrosine kinase inhibitors of <i>EGFR</i> by blocking autophagy in non-small cell lung cancer. <i>Molecular Oncology</i> , 2022, 16, 3490-3508.	4.6	2