

# Jin Billy Li

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

7,804  
citations

101543

36  
h-index

175258

52  
g-index

57  
all docs

57  
docs citations

57  
times ranked

10296  
citing authors

#	ARTICLE	IF	CITATIONS
1	CLUSTER guide RNAs enable precise and efficient RNA editing with endogenous ADAR enzymes in vivo. <i>Nature Biotechnology</i> , 2022, 40, 759-768.	17.5	49
2	Learning cis-regulatory principles of ADAR-based RNA editing from CRISPR-mediated mutagenesis. <i>Nature Communications</i> , 2021, 12, 2165.	12.8	9
3	RNA editing restricts hyperactive ciliary kinases. <i>Science</i> , 2021, 373, 984-991.	12.6	11
4	Zinc Finger RNA-Binding Protein Zn72D Regulates ADAR-Mediated RNA Editing in Neurons. <i>Cell Reports</i> , 2020, 31, 107654.	6.4	20
5	Adar RNA editing-dependent and -independent effects are required for brain and innate immune functions in <i>Drosophila</i> . <i>Nature Communications</i> , 2020, 11, 1580.	12.8	39
6	Unbiased Identification of trans Regulators of ADAR and A-to-I RNA Editing. <i>Cell Reports</i> , 2020, 31, 107656.	6.4	41
7	Global landscape and genetic regulation of RNA editing in cortical samples from individuals with schizophrenia. <i>Nature Neuroscience</i> , 2019, 22, 1402-1412.	14.8	63
8	Precise RNA editing by recruiting endogenous ADARs with antisense oligonucleotides. <i>Nature Biotechnology</i> , 2019, 37, 133-138.	17.5	186
9	ADAR1: A New Target for Immuno-oncology Therapy. <i>Molecular Cell</i> , 2019, 73, 866-868.	9.7	46
10	Illuminating spatial A-to-I RNA editing signatures within the <i>Drosophila</i> brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 2318-2327.	7.1	45
11	Identification of phagocytosis regulators using magnetic genome-wide CRISPR screens. <i>Nature Genetics</i> , 2018, 50, 1716-1727.	21.4	135
12	Updates to the RNA mapping database (RMDB), version 2. <i>Nucleic Acids Research</i> , 2018, 46, D375-D379.	14.5	19
13	Efficient and precise editing of endogenous transcripts with SNAP-tagged ADARs. <i>Nature Methods</i> , 2018, 15, 535-538.	19.0	113
14	The THO Complex Coordinates Transcripts for Synapse Development and Dopamine Neuron Survival. <i>Cell</i> , 2018, 174, 1436-1449.e20.	28.9	25
15	XenMine: A genomic interaction tool for the <i>Xenopus</i> community. <i>Developmental Biology</i> , 2017, 426, 155-164.	2.0	6
16	Deficiency of microRNA <i>miR-34a</i> expands cell fate potential in pluripotent stem cells. <i>Science</i> , 2017, 355, .	12.6	129
17	Abnormalities in A-to-I RNA editing patterns in CNS injuries correlate with dynamic changes in cell type composition. <i>Scientific Reports</i> , 2017, 7, 43421.	3.3	40
18	Molecular definition of a metastatic lung cancer state reveals a targetable CD109â€‘Janus kinaseâ€‘Stat axis. <i>Nature Medicine</i> , 2017, 23, 291-300.	30.7	126

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19	Dynamic landscape and regulation of RNA editing in mammals. <i>Nature</i> , 2017, 550, 249-254.	27.8	495
20	DDX6 Represses Aberrant Activation of Interferon-Stimulated Genes. <i>Cell Reports</i> , 2017, 20, 819-831.	6.4	54
21	Regulation of gene expression and RNA editing in <i>Drosophila</i> adapting to divergent microclimates. <i>Nature Communications</i> , 2017, 8, 1570.	12.8	43
22	Evolutionary analysis reveals regulatory and functional landscape of coding and non-coding RNA editing. <i>PLoS Genetics</i> , 2017, 13, e1006563.	3.5	188
23	Protein recoding by ADAR1-mediated RNA editing is not essential for normal development and homeostasis. <i>Genome Biology</i> , 2017, 18, 166.	8.8	64
24	Rewriting the transcriptome: adenosine-to-inosine RNA editing by ADARs. <i>Genome Biology</i> , 2017, 18, 205.	8.8	161
25	The evolution and adaptation of A-to-I RNA editing. <i>PLoS Genetics</i> , 2017, 13, e1007064.	3.5	81
26	Identification of human RNA editing sites: A historical perspective. <i>Methods</i> , 2016, 107, 42-47.	3.8	66
27	Editing of Cellular Self-RNAs by Adenosine Deaminase ADAR1 Suppresses Innate Immune Stress Responses. <i>Journal of Biological Chemistry</i> , 2016, 291, 6158-6168.	3.4	127
28	Adenosine-to-inosine RNA editing by ADAR1 is essential for normal murine erythropoiesis. <i>Experimental Hematology</i> , 2016, 44, 947-963.	0.4	52
29	Cis Regulatory Effects on A-to-I RNA Editing in Related <i>Drosophila</i> Species. <i>Cell Reports</i> , 2015, 11, 697-703.	6.4	31
30	The landscape of genomic imprinting across diverse adult human tissues. <i>Genome Research</i> , 2015, 25, 927-936.	5.5	216
31	RNA editing by ADAR1 prevents MDA5 sensing of endogenous dsRNA as nonself. <i>Science</i> , 2015, 349, 1115-1120.	12.6	661
32	The Role of <i>Abcb5</i> Alleles in Susceptibility to Haloperidol-Induced Toxicity in Mice and Humans. <i>PLoS Medicine</i> , 2015, 12, e1001782.	8.4	23
33	Genetic conflict reflected in tissue-specific maps of genomic imprinting in human and mouse. <i>Nature Genetics</i> , 2015, 47, 544-549.	21.4	221
34	Effect of predicted protein-truncating genetic variants on the human transcriptome. <i>Science</i> , 2015, 348, 666-669.	12.6	252
35	The Genomic Landscape and Clinical Relevance of A-to-I RNA Editing in Human Cancers. <i>Cancer Cell</i> , 2015, 28, 515-528.	16.8	426
36	Genetic mapping uncovers cis-regulatory landscape of RNA editing. <i>Nature Communications</i> , 2015, 6, 8194.	12.8	76

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37	Allelic Expression of Deleterious Protein-Coding Variants across Human Tissues. PLoS Genetics, 2014, 10, e1004304.	3.5	60
38	Enhanced Specificity and Efficiency of the CRISPR/Cas9 System with Optimized sgRNA Parameters in Drosophila. Cell Reports, 2014, 9, 1151-1162.	6.4	284
39	RADAR: a rigorously annotated database of A-to-I RNA editing. Nucleic Acids Research, 2014, 42, D109-D113.	14.5	477
40	A-to-I RNA editing occurs at over a hundred million genomic sites, located in a majority of human genes. Genome Research, 2014, 24, 365-376.	5.5	492
41	Novel RNA Modifications in the Nervous System: Form and Function. Journal of Neuroscience, 2014, 34, 15170-15177.	3.6	56
42	Quantifying RNA allelic ratios by microfluidic multiplex PCR and sequencing. Nature Methods, 2014, 11, 51-54.	19.0	81
43	Deciphering the functions and regulation of brain-enriched A-to-I RNA editing. Nature Neuroscience, 2013, 16, 1518-1522.	14.8	125
44	Reliable Identification of Genomic Variants from RNA-Seq Data. American Journal of Human Genetics, 2013, 93, 641-651.	6.2	319
45	Identifying RNA editing sites using RNA sequencing data alone. Nature Methods, 2013, 10, 128-132.	19.0	322
46	A-To-I RNA Editing By ADAR1 Is Essential For Hematopoiesis. Blood, 2013, 122, 1199-1199.	1.4	1
47	Comment on "Widespread RNA and DNA Sequence Differences in the Human Transcriptome". Science, 2012, 335, 1302-1302.	12.6	155
48	Activity-Dependent A-to-I RNA Editing in Rat Cortical Neurons. Genetics, 2012, 192, 281-287.	2.9	36
49	Accurate identification of human Alu and non-Alu RNA editing sites. Nature Methods, 2012, 9, 579-581.	19.0	357
50	Multiplex padlock targeted sequencing reveals human hypermutable CpG variations. Genome Research, 2009, 19, 1606-1615.	5.5	62
51	Digital RNA allelotyping reveals tissue-specific and allele-specific gene expression in human. Nature Methods, 2009, 6, 613-618.	19.0	149
52	Genome-Wide Identification of Human RNA Editing Sites by Parallel DNA Capturing and Sequencing. Science, 2009, 324, 1210-1213.	12.6	483