

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 | RNA editing by ADAR1 prevents MDA5 sensing of endogenous dsRNA as nonself. <i>Science</i> , 2015, 349, 1115-1120. | 12.6 | 661 |
| 2 | Dynamic landscape and regulation of RNA editing in mammals. <i>Nature</i> , 2017, 550, 249-254. | 27.8 | 495 |
| 3 | A-to-I RNA editing occurs at over a hundred million genomic sites, located in a majority of human genes. <i>Genome Research</i> , 2014, 24, 365-376. | 5.5 | 492 |
| 4 | Genome-Wide Identification of Human RNA Editing Sites by Parallel DNA Capturing and Sequencing. <i>Science</i> , 2009, 324, 1210-1213. | 12.6 | 483 |
| 5 | RADAR: a rigorously annotated database of A-to-I RNA editing. <i>Nucleic Acids Research</i> , 2014, 42, D109-D113. | 14.5 | 477 |
| 6 | 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 |
| 7 | Accurate identification of human Alu and non-Alu RNA editing sites. <i>Nature Methods</i> , 2012, 9, 579-581. | 19.0 | 357 |
| 8 | Identifying RNA editing sites using RNA sequencing data alone. <i>Nature Methods</i> , 2013, 10, 128-132. | 19.0 | 322 |
| 9 | Reliable Identification of Genomic Variants from RNA-Seq Data. <i>American Journal of Human Genetics</i> , 2013, 93, 641-651. | 6.2 | 319 |
| 10 | Enhanced Specificity and Efficiency of the CRISPR/Cas9 System with Optimized sgRNA Parameters in <i>Drosophila</i> . <i>Cell Reports</i> , 2014, 9, 1151-1162. | 6.4 | 284 |
| 11 | Effect of predicted protein-truncating genetic variants on the human transcriptome. <i>Science</i> , 2015, 348, 666-669. | 12.6 | 252 |
| 12 | 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 |
| 13 | The landscape of genomic imprinting across diverse adult human tissues. <i>Genome Research</i> , 2015, 25, 927-936. | 5.5 | 216 |
| 14 | Evolutionary analysis reveals regulatory and functional landscape of coding and non-coding RNA editing. <i>PLoS Genetics</i> , 2017, 13, e1006563. | 3.5 | 188 |
| 15 | Precise RNA editing by recruiting endogenous ADARs with antisense oligonucleotides. <i>Nature Biotechnology</i> , 2019, 37, 133-138. | 17.5 | 186 |
| 16 | Rewriting the transcriptome: adenosine-to-inosine RNA editing by ADARs. <i>Genome Biology</i> , 2017, 18, 205. | 8.8 | 161 |
| 17 | Comment on "Widespread RNA and DNA Sequence Differences in the Human Transcriptome". <i>Science</i> , 2012, 335, 1302-1302. | 12.6 | 155 |
| 18 | Digital RNA allelotyping reveals tissue-specific and allele-specific gene expression in human. <i>Nature Methods</i> , 2009, 6, 613-618. | 19.0 | 149 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Identification of phagocytosis regulators using magnetic genome-wide CRISPR screens. <i>Nature Genetics</i> , 2018, 50, 1716-1727. | 21.4 | 135 |
| 20 | Deficiency of microRNA <i>miR-34a</i> expands cell fate potential in pluripotent stem cells. <i>Science</i> , 2017, 355, . | 12.6 | 129 |
| 21 | 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 |
| 22 | 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 |
| 23 | Deciphering the functions and regulation of brain-enriched A-to-I RNA editing. <i>Nature Neuroscience</i> , 2013, 16, 1518-1522. | 14.8 | 125 |
| 24 | Efficient and precise editing of endogenous transcripts with SNAP-tagged ADARs. <i>Nature Methods</i> , 2018, 15, 535-538. | 19.0 | 113 |
| 25 | Quantifying RNA allelic ratios by microfluidic multiplex PCR and sequencing. <i>Nature Methods</i> , 2014, 11, 51-54. | 19.0 | 81 |
| 26 | The evolution and adaptation of A-to-I RNA editing. <i>PLoS Genetics</i> , 2017, 13, e1007064. | 3.5 | 81 |
| 27 | Genetic mapping uncovers cis-regulatory landscape of RNA editing. <i>Nature Communications</i> , 2015, 6, 8194. | 12.8 | 76 |
| 28 | Identification of human RNA editing sites: A historical perspective. <i>Methods</i> , 2016, 107, 42-47. | 3.8 | 66 |
| 29 | 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 |
| 30 | 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 |
| 31 | Multiplex padlock targeted sequencing reveals human hypermutable CpG variations. <i>Genome Research</i> , 2009, 19, 1606-1615. | 5.5 | 62 |
| 32 | Allelic Expression of Deleterious Protein-Coding Variants across Human Tissues. <i>PLoS Genetics</i> , 2014, 10, e1004304. | 3.5 | 60 |
| 33 | Novel RNA Modifications in the Nervous System: Form and Function. <i>Journal of Neuroscience</i> , 2014, 34, 15170-15177. | 3.6 | 56 |
| 34 | DDX6 Represses Aberrant Activation of Interferon-Stimulated Genes. <i>Cell Reports</i> , 2017, 20, 819-831. | 6.4 | 54 |
| 35 | Adenosine-to-inosine RNA editing by ADAR1 is essential for normal murine erythropoiesis. <i>Experimental Hematology</i> , 2016, 44, 947-963. | 0.4 | 52 |
| 36 | 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 |

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|----|---|------|-----------|
| 37 | ADAR1: A New Target for Immuno-oncology Therapy. <i>Molecular Cell</i> , 2019, 73, 866-868. | 9.7 | 46 |
| 38 | 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 |
| 39 | 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 |
| 40 | Unbiased Identification of trans Regulators of ADAR and A-to-I RNA Editing. <i>Cell Reports</i> , 2020, 31, 107656. | 6.4 | 41 |
| 41 | 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 |
| 42 | 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 |
| 43 | Activity-Dependent A-to-I RNA Editing in Rat Cortical Neurons. <i>Genetics</i> , 2012, 192, 281-287. | 2.9 | 36 |
| 44 | 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 |
| 45 | The THO Complex Coordinates Transcripts for Synapse Development and Dopamine Neuron Survival. <i>Cell</i> , 2018, 174, 1436-1449.e20. | 28.9 | 25 |
| 46 | 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 |
| 47 | Zinc Finger RNA-Binding Protein Zn72D Regulates ADAR-Mediated RNA Editing in Neurons. <i>Cell Reports</i> , 2020, 31, 107654. | 6.4 | 20 |
| 48 | Updates to the RNA mapping database (RMDB), version 2. <i>Nucleic Acids Research</i> , 2018, 46, D375-D379. | 14.5 | 19 |
| 49 | RNA editing restricts hyperactive ciliary kinases. <i>Science</i> , 2021, 373, 984-991. | 12.6 | 11 |
| 50 | Learning cis-regulatory principles of ADAR-based RNA editing from CRISPR-mediated mutagenesis. <i>Nature Communications</i> , 2021, 12, 2165. | 12.8 | 9 |
| 51 | XenMine: A genomic interaction tool for the <i>Xenopus</i> community. <i>Developmental Biology</i> , 2017, 426, 155-164. | 2.0 | 6 |
| 52 | A-To-I RNA Editing By ADAR1 Is Essential For Hematopoiesis. <i>Blood</i> , 2013, 122, 1199-1199. | 1.4 | 1 |