

Dan Dominissini

List of Publications by Citations

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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.

27
papers

5,932
citations

16
h-index

30
g-index

30
ext. papers

7,795
ext. citations

19.6
avg. IF

5.61
L-index

#	Paper	IF	Citations
27	Topology of the human and mouse m6A RNA methylomes revealed by m6A-seq. <i>Nature</i> , 2012 , 485, 201-6	50.4	2387
26	Gene expression regulation mediated through reversible m6A RNA methylation. <i>Nature Reviews Genetics</i> , 2014 , 15, 293-306	30.1	905
25	Stem cells. m6A mRNA methylation facilitates resolution of naïve pluripotency toward differentiation. <i>Science</i> , 2015 , 347, 1002-6	33.3	904
24	The dynamic N(1)-methyladenosine methylome in eukaryotic messenger RNA. <i>Nature</i> , 2016 , 530, 441-6	50.4	523
23	Transcriptome-wide mapping of N(6)-methyladenosine by m(6)A-seq based on immunocapturing and massively parallel sequencing. <i>Nature Protocols</i> , 2013 , 8, 176-89	18.8	358
22	Nm-seq maps 2VO-methylation sites in human mRNA with base precision. <i>Nature Methods</i> , 2017 , 14, 695-698	21.6	146
21	N(6)-methyladenosine in mRNA disrupts tRNA selection and translation-elongation dynamics. <i>Nature Structural and Molecular Biology</i> , 2016 , 23, 110-5	17.6	139
20	N6-methyladenosine modification and the YTHDF2 reader protein play cell type specific roles in lytic viral gene expression during Kaposi's sarcoma-associated herpesvirus infection. <i>PLoS Pathogens</i> , 2018 , 14, e1006995	7.6	102
19	The mA epitranscriptome: transcriptome plasticity in brain development and function. <i>Nature Reviews Neuroscience</i> , 2020 , 21, 36-51	13.5	86
18	Adenosine-to-inosine RNA editing meets cancer. <i>Carcinogenesis</i> , 2011 , 32, 1569-77	4.6	77
17	Epitranscriptomics: regulation of mRNA metabolism through modifications. <i>Current Opinion in Chemical Biology</i> , 2017 , 41, 93-98	9.7	73
16	2VO-methylation in mRNA disrupts tRNA decoding during translation elongation. <i>Nature Structural and Molecular Biology</i> , 2018 , 25, 208-216	17.6	61
15	High-Resolution N6-Methyladenosine (m6A) Map Using Photo-Crosslinking-Assisted m6A Sequencing. <i>Angewandte Chemie</i> , 2015 , 127, 1607-1610	3.6	26
14	The Epitranscriptome in Translation Regulation. <i>Cold Spring Harbor Perspectives in Biology</i> , 2019 , 11,	10.2	23
13	Genomics and Proteomics. Roadmap to the epitranscriptome. <i>Science</i> , 2014 , 346, 1192	33.3	21
12	Transcriptome-Wide Mapping of NEMethyladenosine by m6A-Seq. <i>Methods in Enzymology</i> , 2015 , 560, 131-47	1.7	16
11	5-methylcytosine mediates nuclear export of mRNA. <i>Cell Research</i> , 2017 , 27, 717-719	24.7	14

10	Loud and Clear Epitranscriptomic mA Signals: Now in Single-Base Resolution. <i>Molecular Cell</i> , 2017 , 68, 825-826	17.6	12
9	N-acetylation of Cytidine in mRNA by NAT10 Regulates Stability and Translation. <i>Cell</i> , 2018 , 175, 1725-1737	17.6	12
8	Single base resolution mapping of 2VO-methylation sites in human mRNA and in 3Vterminal ends of small RNAs. <i>Methods</i> , 2019 , 156, 85-90	4.6	10
7	Deep and accurate detection of m6A RNA modifications using miCLIP2 and m6Aboost machine learning. <i>Nucleic Acids Research</i> , 2021 , 49, e92	20.1	8
6	N-methyladenosine methylation in tRNA drives liver tumourigenesis by regulating cholesterol metabolism. <i>Nature Communications</i> , 2021 , 12, 6314	17.4	6
5	Micro-editing mistake translates into a devastating brain tumor. <i>Journal of Clinical Investigation</i> , 2012 , 122, 3842-5	15.9	5
4	Identification of a homozygous VRK1 mutation in two patients with adult-onset distal hereditary motor neuropathy. <i>Muscle and Nerve</i> , 2020 , 61, 395-400	3.4	4
3	The epitranscriptome toolbox.. <i>Cell</i> , 2022 , 185, 764-776	56.2	4
2	A single center experience with publicly funded clinical exome sequencing for neurodevelopmental disorders or multiple congenital anomalies. <i>Scientific Reports</i> , 2021 , 11, 19099	4.9	2
1	Early and late manifestations of neuropathy due to HSPB1 mutation in the Jewish Iranian population. <i>Annals of Clinical and Translational Neurology</i> , 2021 , 8, 1260-1268	5.3	0