

Miler T Lee

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

2,796
citations

623734

14
h-index

794594

19
g-index

25
all docs

25
docs citations

25
times ranked

4680
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimized design of antisense oligomers for targeted rRNA depletion. <i>Nucleic Acids Research</i> , 2021, 49, e5-e5.	14.5	11
2	RNA degradation is required for the germ-cell to maternal transition in <i>Drosophila</i> . <i>Current Biology</i> , 2021, 31, 2984-2994.e7.	3.9	22
3	Zinc protection of fertilized eggs is an ancient feature of sexual reproduction in animals. <i>PLoS Biology</i> , 2020, 18, e3000811.	5.6	11
4	Genome wide analysis of 3' UTR sequence elements and proteins regulating mRNA stability during maternal-to-zygotic transition in zebrafish. <i>Genome Research</i> , 2019, 29, 1100-1114.	5.5	49
5	The Paf1 Complex Broadly Impacts the Transcriptome of <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2019, 212, 711-728.	2.9	10
6	PLC and IP3-evoked Ca ²⁺ release initiate the fast block to polyspermy in <i>Xenopus laevis</i> eggs. <i>Journal of General Physiology</i> , 2018, 150, 1239-1248.	1.9	17
7	The TMEM16A channel mediates the fast polyspermy block in <i>Xenopus laevis</i> . <i>Journal of General Physiology</i> , 2018, 150, 1249-1259.	1.9	35
8	RESA identifies mRNA-regulatory sequences at high resolution. <i>Nature Methods</i> , 2017, 14, 201-207.	19.0	34
9	Cloche is a bHLH-PAS transcription factor that drives haemato-vascular specification. <i>Nature</i> , 2016, 535, 294-298.	27.8	151
10	Divergence of RNA localization between rat and mouse neurons reveals the potential for rapid brain evolution. <i>BMC Genomics</i> , 2014, 15, 883.	2.8	22
11	Identification of small ORFs in vertebrates using ribosome footprinting and evolutionary conservation. <i>EMBO Journal</i> , 2014, 33, 981-993.	7.8	587
12	Zygotic Genome Activation During the Maternal-to-Zygotic Transition. <i>Annual Review of Cell and Developmental Biology</i> , 2014, 30, 581-613.	9.4	469
13	Nanog, Pou5f1 and SoxB1 activate zygotic gene expression during the maternal-to-zygotic transition. <i>Nature</i> , 2013, 503, 360-364.	27.8	399
14	Subcellular RNA Sequencing Reveals Broad Presence of Cytoplasmic Intron-Sequence Retaining Transcripts in Mouse and Rat Neurons. <i>PLoS ONE</i> , 2013, 8, e76194.	2.5	35
15	Ribosome Profiling Shows That miR-430 Reduces Translation Before Causing mRNA Decay in Zebrafish. <i>Science</i> , 2012, 336, 233-237.	12.6	629
16	Cytoplasmic Intron Sequence-Retaining Transcripts Can Be Dendritically Targeted via ID Element Retrotransposons. <i>Neuron</i> , 2011, 69, 877-884.	8.1	148
17	Intron retention facilitates splice variant diversity in calcium-activated big potassium channel populations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 21152-21157.	7.1	60
18	Transcriptome transfer produces a predictable cellular phenotype. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 7624-7629.	7.1	86

#	ARTICLE	IF	CITATIONS
19	Self Containment, a Property of Modular RNA Structures, Distinguishes microRNAs. PLoS Computational Biology, 2008, 4, e1000150.	3.2	17