

Radha Raman Pandey

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

2,902
citations

361296

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610775

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Kcnq1ot1 Antisense Noncoding RNA Mediates Lineage-Specific Transcriptional Silencing through Chromatin-Level Regulation. <i>Molecular Cell</i> , 2008, 32, 232-246.	4.5	1,114
2	Regulation of m6A Transcripts by the 3'5' RNA Helicase YTHDC2 Is Essential for a Successful Meiotic Program in the Mammalian Germline. <i>Molecular Cell</i> , 2017, 68, 374-387.e12.	4.5	370
3	Methylation of Structured RNA by the m6A Writer METTL16 Is Essential for Mouse Embryonic Development. <i>Molecular Cell</i> , 2018, 71, 986-1000.e11.	4.5	250
4	An Antisense RNA Regulates the Bidirectional Silencing Property of the Kcnq1 Imprinting Control Region. <i>Molecular and Cellular Biology</i> , 2004, 24, 7855-7862.	1.1	143
5	<i>Kcnq1ot1</i> / <i>Lit1</i> Noncoding RNA Mediates Transcriptional Silencing by Targeting to the Perinucleolar Region. <i>Molecular and Cellular Biology</i> , 2008, 28, 3713-3728.	1.1	132
6	PIWI Slicing and RNA Elements in Precursors Instruct Directional Primary piRNA Biogenesis. <i>Cell Reports</i> , 2015, 12, 418-428.	2.9	113
7	Splice site m6A methylation prevents binding of U2AF35 to inhibit RNA splicing. <i>Cell</i> , 2021, 184, 3125-3142.e25.	13.5	103
8	Tudor domain containing 12 (TDRD12) is essential for secondary PIWI interacting RNA biogenesis in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 16492-16497.	3.3	81
9	The MID-PIWI module of Piwi proteins specifies nucleotide- and strand-biases of piRNAs. <i>Rna</i> , 2014, 20, 773-781.	1.6	75
10	The length of the transcript encoded from the Kcnq1ot1 antisense promoter determines the degree of silencing. <i>EMBO Journal</i> , 2006, 25, 2096-2106.	3.5	70
11	Distinct Roles of RNA Helicases MVH and TDRD9 in PIWI Slicing-Triggered Mammalian piRNA Biogenesis and Function. <i>Developmental Cell</i> , 2017, 41, 623-637.e9.	3.1	65
12	PIWI Slicing and EXD1 Drive Biogenesis of Nuclear piRNAs from Cytosolic Targets of the Mouse piRNA Pathway. <i>Molecular Cell</i> , 2016, 61, 138-152.	4.5	63
13	Recruitment of Armitage and Yb to a transcript triggers its phased processing into primary piRNAs in <i>Drosophila</i> ovaries. <i>PLoS Genetics</i> , 2017, 13, e1006956.	1.5	57
14	The Mammalian Cap-Specific m6Am RNA Methyltransferase PCIF1 Regulates Transcript Levels in Mouse Tissues. <i>Cell Reports</i> , 2020, 32, 108038.	2.9	50
15	TEX15 associates with MILI and silences transposable elements in male germ cells. <i>Genes and Development</i> , 2020, 34, 745-750.	2.7	33
16	The XRN1-regulated RNA helicase activity of YTHDC2 ensures mouse fertility independently of m6A recognition. <i>Molecular Cell</i> , 2022, 82, 1678-1690.e12.	4.5	31
17	Transcriptional and Posttranscriptional Programming by Long Noncoding RNAs. <i>Progress in Molecular and Subcellular Biology</i> , 2011, 51, 1-27.	0.9	30
18	Metazoan Maelstrom is an RNA-binding protein that has evolved from an ancient nuclease active in protists. <i>Rna</i> , 2015, 21, 833-839.	1.6	26

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19	NF-Y Regulates the Antisense Promoter, Bidirectional Silencing, and Differential Epigenetic Marks of the Kcnq1 Imprinting Control Region. <i>Journal of Biological Chemistry</i> , 2004, 279, 52685-52693.	1.6	25
20	Mutations in the MOV10L1 ATP Hydrolysis Motif Cause piRNA Biogenesis Failure and Male Sterility in Mice. <i>Biology of Reproduction</i> , 2016, 95, 103-103.	1.2	23
21	Exonuclease Domain-Containing 1 Enhances MIWI2 piRNA Biogenesis via Its Interaction with TDRD12. <i>Cell Reports</i> , 2018, 24, 3423-3432.e4.	2.9	17
22	Counting the Cuts: MAZTER-Seq Quantifies m6A Levels Using a Methylation-Sensitive Ribonuclease. <i>Cell</i> , 2019, 178, 515-517.	13.5	17
23	Primary pi RNA biogenesis: caught up in a Maelstrom. <i>EMBO Journal</i> , 2014, 33, 1979-1980.	3.5	11