

Kannanganattu V Prasanth

List of Publications by Year in descending order

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62
papers

8,783
citations

109321

35
h-index

128289

60
g-index

69
all docs

69
docs citations

69
times ranked

11730
citing authors

#	ARTICLE	IF	CITATIONS
1	The Nuclear-Retained Noncoding RNA MALAT1 Regulates Alternative Splicing by Modulating SR Splicing Factor Phosphorylation. <i>Molecular Cell</i> , 2010, 39, 925-938.	9.7	1,906
2	From Silencing to Gene Expression. <i>Cell</i> , 2004, 116, 683-698.	28.9	658
3	Long Noncoding RNA MALAT1 Controls Cell Cycle Progression by Regulating the Expression of Oncogenic Transcription Factor B-MYB. <i>PLoS Genetics</i> , 2013, 9, e1003368.	3.5	655
4	A long nuclear-retained non-coding RNA regulates synaptogenesis by modulating gene expression. <i>EMBO Journal</i> , 2010, 29, 3082-3093.	7.8	646
5	Regulating Gene Expression through RNA Nuclear Retention. <i>Cell</i> , 2005, 123, 249-263.	28.9	636
6	Nuclear Long Noncoding RNAs: Key Regulators of Gene Expression. <i>Trends in Genetics</i> , 2018, 34, 142-157.	6.7	428
7	Eukaryotic regulatory RNAs: an answer to the "genome complexity" conundrum. <i>Genes and Development</i> , 2007, 21, 11-42.	5.9	356
8	Malat1 is not an essential component of nuclear speckles in mice. <i>Rna</i> , 2012, 18, 1487-1499.	3.5	297
9	Long Noncoding RNA MALAT1 Promotes Hepatocellular Carcinoma Development by SRSF1 Upregulation and mTOR Activation. <i>Cancer Research</i> , 2017, 77, 1155-1167.	0.9	259
10	Human Orc2 localizes to centrosomes, centromeres and heterochromatin during chromosome inheritance. <i>EMBO Journal</i> , 2004, 23, 2651-2663.	7.8	235
11	Quantitative analysis of multilayer organization of proteins and RNA in nuclear speckles at super resolution. <i>Journal of Cell Science</i> , 2017, 130, 4180-4192.	2.0	206
12	Orc6 Involved in DNA Replication, Chromosome Segregation, and Cytokinesis. <i>Science</i> , 2002, 297, 1026-1031.	12.6	197
13	PAR-CLIP analysis uncovers AUF1 impact on target RNA fate and genome integrity. <i>Nature Communications</i> , 2014, 5, 5248.	12.8	156
14	Functional and prognostic significance of long non-coding RNA MALAT1 as a metastasis driver in ER negative lymph node negative breast cancer. <i>Oncotarget</i> , 2016, 7, 40418-40436.	1.8	142
15	A natural antisense lncRNA controls breast cancer progression by promoting tumor suppressor gene mRNA stability. <i>PLoS Genetics</i> , 2018, 14, e1007802.	3.5	135
16	Human origin recognition complex is essential for HP1 binding to chromatin and heterochromatin organization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 15093-15098.	7.1	129
17	A WD-Repeat Protein Stabilizes ORC Binding to Chromatin. <i>Molecular Cell</i> , 2010, 40, 99-111.	9.7	124
18	Long Noncoding RNA PURPL Suppresses Basal p53 Levels and Promotes Tumorigenicity in Colorectal Cancer. <i>Cell Reports</i> , 2017, 20, 2408-2423.	6.4	120

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19	SRSF1 regulates the assembly of pre-mRNA processing factors in nuclear speckles. <i>Molecular Biology of the Cell</i> , 2012, 23, 3694-3706.	2.1	100
20	Immune system-mediated atherosclerosis caused by deficiency of long non-coding RNA<i>MALAT1</i> in ApoE ^{-/-} mice. <i>Cardiovascular Research</i> , 2019, 115, 302-314.	3.8	89
21	PIAS1 confers DNA-binding specificity on the Msx1 homeoprotein. <i>Genes and Development</i> , 2006, 20, 784-794.	5.9	88
22	Malat1 regulates myogenic differentiation and muscle regeneration through modulating MyoD transcriptional activity. <i>Cell Discovery</i> , 2017, 3, 17002.	6.7	86
23	Prosurvival long noncoding RNA PINCR regulates a subset of p53 targets in human colorectal cancer cells by binding to MatrIn 3. <i>ELife</i> , 2017, 6, .	6.0	68
24	Nuclear Organization and Dynamics of 7SK RNA in Regulating Gene Expression. <i>Molecular Biology of the Cell</i> , 2010, 21, 4184-4196.	2.1	63
25	MIR100 host gene-encoded lncRNAs regulate cell cycle by modulating the interaction between HuR and its target mRNAs. <i>Nucleic Acids Research</i> , 2018, 46, 10405-10416.	14.5	61
26	Natural antisense RNA promotes 3' end processing and maturation of MALAT1 lncRNA. <i>Nucleic Acids Research</i> , 2016, 44, 2898-2908.	14.5	58
27	A BEN-domain-containing protein associates with heterochromatin and represses transcription. <i>Journal of Cell Science</i> , 2011, 124, 3149-3163.	2.0	57
28	Long noncoding RNA<i>MALAT1</i>-derived mascRNA is involved in cardiovascular innate immunity. <i>Journal of Molecular Cell Biology</i> , 2016, 8, 178-181.	3.3	55
29	RNA splicing control. <i>RNA Biology</i> , 2011, 8, 968-977.	3.1	52
30	Hypophosphorylated SR splicing factors transiently localize around active nucleolar organizing regions in telophase daughter nuclei. <i>Journal of Cell Biology</i> , 2004, 167, 51-63.	5.2	51
31	Polypurine-repeat-containing RNAs: a novel class of long non-coding RNA in mammalian cells. <i>Journal of Cell Science</i> , 2010, 123, 3734-3744.	2.0	47
32	Dynamic Association of ORCA with Prereplicative Complex Components Regulates DNA Replication Initiation. <i>Molecular and Cellular Biology</i> , 2012, 32, 3107-3120.	2.3	44
33	A small protein encoded by a putative lncRNA regulates apoptosis and tumorigenicity in human colorectal cancer cells. <i>ELife</i> , 2020, 9, .	6.0	43
34	Long Non-Coding RNA Malat-1 Is Dispensable during Pressure Overload-Induced Cardiac Remodeling and Failure in Mice. <i>PLoS ONE</i> , 2016, 11, e0150236.	2.5	42
35	Functional insights into the role of nuclear-retained long noncoding RNAs in gene expression control in mammalian cells. <i>Chromosome Research</i> , 2013, 21, 695-711.	2.2	38
36	The preRC protein ORCA organizes heterochromatin by assembling histone H3 lysine 9 methyltransferases on chromatin. <i>ELife</i> , 2015, 4, .	6.0	38

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37	BEND3 represses rDNA transcription by stabilizing a NoRC component via USP21 deubiquitinase. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 8338-8343.	7.1	35
38	Temporal association of ORCA/LRWD1 to late-firing origins during G1 dictates heterochromatin replication and organization. Nucleic Acids Research, 2017, 45, 2490-2502.	14.5	35
39	ADAR2 regulates RNA stability by modifying access of decay-promoting RNA-binding proteins. Nucleic Acids Research, 2017, 45, gkw1304.	14.5	34
40	Dynamic phosphorylation of HP1 \pm regulates mitotic progression in human cells. Nature Communications, 2014, 5, 3445.	12.8	30
41	The p53-induced RNA-binding protein ZMAT3 is a splicing regulator that inhibits the splicing of oncogenic CD44 variants in colorectal carcinoma. Genes and Development, 2021, 35, 102-116.	5.9	29
42	PSIP1/p75 promotes tumorigenicity in breast cancer cells by promoting the transcription of cell cycle genes. Carcinogenesis, 2017, 38, 966-975.	2.8	25
43	<sc>RNA</sc> editing enzymes <sc>ADAR</sc>1 and <sc>ADAR</sc>2 coordinately regulate the editing and expression of <i>Ctn <sc>RNA</sc></i>. FEBS Letters, 2017, 591, 2890-2904.	2.8	23
44	PCNA-mediated stabilization of E3 ligase RFWD3 at the replication fork is essential for DNA replication. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 13282-13287.	7.1	23
45	Paraspeckles modulate the intranuclear distribution of paraspeckle-associated Ctn RNA. Scientific Reports, 2016, 6, 34043.	3.3	21
46	The S-phase-induced lncRNA SUNO1 promotes cell proliferation by controlling YAP1/Hippo signaling pathway. ELife, 2020, 9, .	6.0	21
47	One locus with two roles: microRNA-independent functions of microRNA-host gene locus-encoded long noncoding RNAs. Wiley Interdisciplinary Reviews RNA, 2021, 12, e1625.	6.4	19
48	LncRNA-mediated regulation of <i>SOX9</i> expression in basal subtype breast cancer cells. Rna, 2020, 26, 175-185.	3.5	16
49	eXIST with matrix-associated proteins. Trends in Cell Biology, 2011, 21, 321-327.	7.9	15
50	Orc5 induces large-scale chromatin decondensation in a GCN5-dependent manner. Journal of Cell Science, 2016, 129, 417-29.	2.0	13
51	Noncoding RNAs: biology and applications—a Keystone Symposia report. Annals of the New York Academy of Sciences, 2021, 1506, 118-141.	3.8	13
52	Antagonism between splicing and microprocessor complex dictates the serum-induced processing of lnc-MIRHG for efficient cell cycle reentry. Rna, 2020, 26, 1603-1620.	3.5	12
53	BEND3 safeguards pluripotency by repressing differentiation-associated genes. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	11
54	ORCA/LRWD1 Regulates Homologous Recombination at ALT-Telomeres by Modulating Heterochromatin Organization. IScience, 2020, 23, 101038.	4.1	10

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55	Regulatory roles of nucleolus organizer region-derived long non-coding RNAs. <i>Mammalian Genome</i> , 2022, 33, 402-411.	2.2	8
56	Orc6 is a component of the replication fork and enables efficient mismatch repair. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	7
57	The <i>BRCA1</i> Pseudogene Negatively Regulates Antitumor Responses through Inhibition of Innate Immune Defense Mechanisms. <i>Cancer Research</i> , 2021, 81, 1540-1551.	0.9	6
58	Policing Cells under Stress: Noncoding RNAs Capture Proteins in Nucleolar Detention Centers. <i>Molecular Cell</i> , 2012, 45, 141-142.	9.7	5
59	The E3 ligase RFW3 stabilizes ORC in a p53-dependent manner. <i>Cell Cycle</i> , 2020, 19, 2927-2938.	2.6	3
60	Human Orc2 localizes to centrosomes, centromeres and heterochromatin during chromosome inheritance. <i>EMBO Journal</i> , 2005, 24, 1094-1094.	7.8	1
61	Easy Stress Relief by EZH2. <i>Cell</i> , 2016, 167, 1678-1680.	28.9	1
62	Role of cancer-associated nuclear-retained RNA in pre-mRNA splicing regulation. <i>FASEB Journal</i> , 2012, 26, 203.2.	0.5	0