

Non-coding RNAs in human disease

Nature Reviews Genetics

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Epigenetics and Carcinogenesis. , 2010, , 293-309.		0
2	Extent, Causes, and Consequences of Small RNA Expression Variation in Human Adipose Tissue. PLoS Genetics, 2012, 8, e1002704.	1.5	48
3	Epigenetic Deregulation of MicroRNAs in Rhabdomyosarcoma and Neuroblastoma and Translational Perspectives. International Journal of Molecular Sciences, 2012, 13, 16554-16579.	1.8	11
4	Tumor Heterogeneity: Mechanisms and Bases for a Reliable Application of Molecular Marker Design. International Journal of Molecular Sciences, 2012, 13, 1951-2011.	1.8	132
5	Holding Our Breath: The Emerging and Anticipated Roles of microRNA in Pulmonary Hypertension. Pulmonary Circulation, 2012, 2, 278-290.	0.8	53
6	Epigenetic modification and cancer: mark or stamp?. Endocrine-Related Cancer, 2012, 19, C23-C27.	1.6	0
7	Evaluation of microRNA expression profiles and their associations with risk alleles in lymphoblastoid cell lines of familial ovarian cancer. Carcinogenesis, 2012, 33, 604-612.	1.3	16
8	Epigenetics in inflammatory bowel disease. Current Opinion in Gastroenterology, 2012, 28, 577-584.	1.0	41
9	An in-depth map of polyadenylation sites in cancer. Nucleic Acids Research, 2012, 40, 8460-8471.	6.5	126
10	MicroRNA-22 is induced by vitamin D and contributes to its antiproliferative, antimigratory and gene regulatory effects in colon cancer cells. Human Molecular Genetics, 2012, 21, 2157-2165.	1.4	142
11	Genome-wide transcriptomic variations of human lymphoblastoid cell lines: insights from pairwise gene-expression correlations. Pharmacogenomics, 2012, 13, 1893-1904.	0.6	9
12	CpG island hypermethylation-associated silencing of small nucleolar RNAs in human cancer. RNA Biology, 2012, 9, 881-890.	1.5	53
13	Involvement of long noncoding RNAs in diseases affecting the central nervous system. RNA Biology, 2012, 9, 860-870.	1.5	93
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16	Interactive exploration of RNA22 microRNA target predictions. Bioinformatics, 2012, 28, 3322-3323.	1.8	193
17	Circulating miRNA profiling to identify biomarkers of dysmetabolism. Biomarkers in Medicine, 2012, 6, 729-742.	0.6	13
18	New experimental data linking secondhand smoke exposure to lung cancer in nonsmokers. FASEB Journal, 2012, 26, 1845-1854.	0.2	21

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19	Pervasive Initiation and 3' End Formation of Poxvirus Postreplicative RNAs. <i>Journal of Biological Chemistry</i> , 2012, 287, 31050-31060.	1.6	53
21	Translation Efficiency in Upstream Region of microRNA Targets in <i>Arabidopsis thaliana</i> . <i>Evolutionary Bioinformatics</i> , 2012, 8, EBO.S10362.	0.6	6
22	Beyond Genetics in Glioma Pathways: The Ever-Increasing Crosstalk between Epigenomic and Genomic Events. <i>Journal of Signal Transduction</i> , 2012, 2012, 1-9.	2.0	13
23	MicroRNA Involvement in Gastrointestinal Stromal Tumor Tumorigenesis. <i>Current Pharmaceutical Design</i> , 2012, 19, 1227-1235.	0.9	6
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25	The 2012 John Swales lecture. <i>Journal of Hypertension</i> , 2012, 30, 2060-2065.	0.3	0
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34	Epigenetics in asthma and COPD. <i>Biochimie</i> , 2012, 94, 2231-2241.	1.3	63
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1860	LncRNA CCAT1 promotes autophagy via regulating ATG7 by sponging miR-181 in hepatocellular carcinoma. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 17975-17983.	1.2	36
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1871	lncRNA NEF is downregulated in osteosarcoma and inhibits cancer cell migration and invasion by downregulating miRNA-21. <i>Oncology Letters</i> , 2019, 17, 5403-5408.	0.8	13
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1922	Understanding the Contributions of Conformational Changes, Thermodynamics, and Kinetics of RNA-Small Molecule Interactions. <i>ACS Chemical Biology</i> , 2019, 14, 824-838.	1.6	29
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1924	Extramedullary disease in multiple myeloma – controversies and future directions. <i>Blood Reviews</i> , 2019, 36, 32-39.	2.8	66
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1927	A gene signature predicts response to neoadjuvant chemotherapy in triple-negative breast cancer patients. <i>Bioscience Reports</i> , 2019, 39, .	1.1	7
1928	The lncRNA MIR4435-2HG is upregulated in hepatocellular carcinoma and promotes cancer cell proliferation by upregulating miRNA-487a. <i>Cellular and Molecular Biology Letters</i> , 2019, 24, 26.	2.7	62
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1932	Postmortem brain tissue as an underutilized resource to study the molecular pathology of neuropsychiatric disorders across different ethnic populations. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 102, 195-207.	2.9	9
1933	The overexpression of lncRNA H19 as a diagnostic marker for coronary artery disease. <i>Revista Da Associação Médica Brasileira</i> , 2019, 65, 110-117.	0.3	29
1934	Circular RNA expression profile in human fibroblast premature senescence after repeated ultraviolet B irradiations revealed by microarray. <i>Journal of Cellular Physiology</i> , 2019, 234, 18156-18168.	2.0	23
1935	The roles of ANRIL polymorphisms in coronary artery disease: a meta-analysis. <i>Bioscience Reports</i> , 2019, 39, .	1.1	17
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1939	The current state and future directions of RNAi-based therapeutics. <i>Nature Reviews Drug Discovery</i> , 2019, 18, 421-446.	21.5	896
1940	LncRNA MALAT1 gene polymorphisms in coronary artery disease: a caseâ€“control study in a Chinese population. <i>Bioscience Reports</i> , 2019, 39, .	1.1	17
1941	LncRNA NEF is downregulated in triple negative breast cancer and correlated with poor prognosis. <i>Acta Biochimica Et Biophysica Sinica</i> , 2019, 51, 386-392.	0.9	41
1942	Epigenetic changes during aging and their reprogramming potential. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2019, 54, 61-83.	2.3	176
1943	Clinical significance of long non-coding RNA HOTTIP in early-stage non-small-cell lung cancer. <i>BMC Pulmonary Medicine</i> , 2019, 19, 55.	0.8	22
1944	Role of microRNA-182 in skeletal diseases: new therapeutic approaches to prevent bone loss. <i>Non-coding RNA Investigation</i> , 2019, 3, 9-9.	0.6	0
1945	Differential long noncoding RNAs expression in cancer-associated fibroblasts of non-small-cell lung cancer. <i>Pharmacogenomics</i> , 2019, 20, 143-153.	0.6	9
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1947	Reconstruction and analysis of circRNAâ€“miRNAâ€“mRNA network in the pathology of cervical cancer. <i>Oncology Reports</i> , 2019, 41, 2209-2225.	1.2	58
1948	Î±â€“Helixâ€“Mimetic Foldamers for Targeting HIVâ€“1 TAR RNA. <i>Chemistry - A European Journal</i> , 2019, 25, 7265-7269.		16
1949	Role of epigenetic mechanisms in cisplatin-induced toxicity. <i>Critical Reviews in Oncology/Hematology</i> , 2019, 137, 131-142.	2.0	24
1950	Emerging roles of lncRNAs in the post-transcriptional regulation in cancer. <i>Genes and Diseases</i> , 2019, 6, 6-15.	1.5	170
1951	Cascade Transcription Amplification of RNA Aptamer for Ultrasensitive MicroRNA Detection. <i>Analytical Chemistry</i> , 2019, 91, 5295-5302.	3.2	83
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1953	Role of Noncoding RNA in Development of Nonalcoholic Fatty Liver Disease. <i>BioMed Research International</i> , 2019, 2019, 1-9.	0.9	11
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1966	Circular RNAs: Diversity of Functions and a Regulatory Nova in Oral Medicine: A Pilot Review. Cell Transplantation, 2019, 28, 819-830.	1.2	8
1967	BACE1-AS prevents BACE1 mRNA degradation through the sequestration of BACE1-targeting miRNAs. Journal of Chemical Neuroanatomy, 2019, 98, 87-96.	1.0	50
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1971	A molecular biomarker for prediction of clinical outcome in children with ASD, constipation, and intestinal inflammation. Scientific Reports, 2019, 9, 5987.	1.6	20
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1974	Long noncoding RNA SNHG12 promotes cell proliferation and activates Wnt/β-catenin signaling in prostate cancer through sponging microRNA-195. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 13066-13075.	1.2	34
1975	Emerging role of PI3K/AKT in tumor-related epigenetic regulation. <i>Seminars in Cancer Biology</i> , 2019, 59, 112-124.	4.3	113
1976	Upregulation of the long noncoding RNA ADPGK-AS1 promotes carcinogenesis and predicts poor prognosis in gastric cancer. <i>Biochemical and Biophysical Research Communications</i> , 2019, 513, 127-134.	1.0	11
1977	LncRNA DILC participates in rheumatoid arthritis by inducing apoptosis of fibroblast-like synoviocytes and down-regulating IL-6. <i>Bioscience Reports</i> , 2019, 39, .	1.1	25
1978	Construction of lncRNA-mediated ceRNA network to reveal clinically relevant lncRNA biomarkers in glioblastomas. <i>Oncology Letters</i> , 2019, 17, 4369-4374.	0.8	28
1979	Prognostic risk model construction and molecular marker identification in glioblastoma multiforme based on mRNA/microRNA/long non-coding RNA analysis using random survival forest method. <i>Neoplasma</i> , 2019, 66, 459-469.	0.7	11
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1981	A novel method for stabilizing microRNA mimics. <i>Biochemical and Biophysical Research Communications</i> , 2019, 511, 422-426.	1.0	13
1982	Identification of Key lncRNAs Associated With Atherosclerosis Progression Based on Public Datasets. <i>Frontiers in Genetics</i> , 2019, 10, 123.	1.1	52
1983	Drug resistance-related microRNAs in osteosarcoma: Translating basic evidence into therapeutic strategies. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 2280-2292.	1.6	50
1984	The lncRNA ZEB2-AS1 is upregulated in gastric cancer and affects cell proliferation and invasion via miR-143-5p/HIF-1α axis. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 657-667.	1.0	49
1985	Long noncoding RNA HOXD-AS1 induces epithelial-mesenchymal transition in breast cancer by acting as a competing endogenous RNA of miR-421. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 10633-10642.	1.2	15
1986	Shape Matters: Gold Nanoparticle Shape Impacts the Biological Activity of siRNA Delivery. <i>Bioconjugate Chemistry</i> , 2019, 30, 853-860.	1.8	36
1987	Comparison of RNA-Seq and Microarray Gene Expression Platforms for the Toxicogenomic Evaluation of Liver From Short-Term Rat Toxicity Studies. <i>Frontiers in Genetics</i> , 2018, 9, 636.	1.1	149
1988	Piwi-like 1 protein expression is a prognostic factor for renal cell carcinoma patients. <i>Scientific Reports</i> , 2019, 9, 1741.	1.6	11
1989	Predicting Gene Ontology Function of Human MicroRNAs by Integrating Multiple Networks. <i>Frontiers in Genetics</i> , 2019, 10, 3.	1.1	44
1990	Integrative analysis of OIP5/AS1/HUR1 to discover new potential biomarkers and therapeutic targets in multiple sclerosis. <i>Journal of Cellular Physiology</i> , 2019, 234, 17351-17360.	2.0	14

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1993	Pituitary Transcriptomic Study Reveals the Differential Regulation of lncRNAs and mRNAs Related to Prolificacy in Different FecB Genotyping Sheep. <i>Genes</i> , 2019, 10, 157.	1.0	47
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1996	Benchmark of long non-coding RNA quantification for RNA sequencing of cancer samples. <i>GigaScience</i> , 2019, 8, .	3.3	32
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2002	Construction of a lncRNA-miRNA-mRNA network to determine the regulatory roles of lncRNAs in psoriasis. <i>Experimental and Therapeutic Medicine</i> , 2019, 18, 4011-4021.	0.8	16
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2004	Role of non-coding RNA in cardiac remodeling. <i>Non-coding RNA Investigation</i> , 2019, 3, 12-12.	0.6	0
2005	Engineering, delivery, and biological validation of artificial microRNA clusters for gene therapy applications. <i>Nature Protocols</i> , 2019, 14, 3538-3553.	5.5	12
2006	Introductory Chapter: Gene Regulation, an RNA Network-Dependent Architecture. , 0, , .		1
2007	Transcriptome analysis-identified long noncoding RNA CRNDE in maintaining endothelial cell proliferation, migration, and tube formation. <i>Scientific Reports</i> , 2019, 9, 19548.	1.6	6
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2011	Non-coding RNAs in cancers with chromosomal rearrangements: the signatures, causes, functions and implications. <i>Journal of Molecular Cell Biology</i> , 2019, 11, 886-898.	1.5	10
2012	Identification and Validation of an Immune-Related RNA Signature to Predict Survival of Patients With Head and Neck Squamous Cell Carcinoma. <i>Frontiers in Genetics</i> , 2019, 10, 1252.	1.1	13
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2015	Kinetic Mechanism of RNA Helix-Terminal Basepairing A Kinetic Minima Network Analysis. <i>Biophysical Journal</i> , 2019, 117, 1674-1683.	0.2	5
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2018	The therapeutic and diagnostic potential of regulatory noncoding RNAs in medulloblastoma. <i>Neuro-Oncology Advances</i> , 2019, 1, vdz023.	0.4	16
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