

George A Calin

List of Publications by Citations

Source: <https://exaly.com/author-pdf/815559/george-a-calin-publications-by-citations.pdf>
Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

531 papers	91,284 citations	128 h-index	297 g-index
585 ext. papers	100,454 ext. citations	9.6 avg, IF	8.15 L-index

#	Paper	IF	Citations
531	MicroRNA signatures in human cancers. <i>Nature Reviews Cancer</i> , 2006 , 6, 857-66	31.3	6256
530	A microRNA expression signature of human solid tumors defines cancer gene targets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 2257-61	11.5	4710
529	Frequent deletions and down-regulation of micro- RNA genes miR15 and miR16 at 13q14 in chronic lymphocytic leukemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 15524-9	11.5	4014
528	Human microRNA genes are frequently located at fragile sites and genomic regions involved in cancers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 2999-3004	11.5	3326
527	MicroRNA gene expression deregulation in human breast cancer. <i>Cancer Research</i> , 2005 , 65, 7065-70	10.1	3315
526	miR-15 and miR-16 induce apoptosis by targeting BCL2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 13944-9	11.5	2912
525	Unique microRNA molecular profiles in lung cancer diagnosis and prognosis. <i>Cancer Cell</i> , 2006 , 9, 189-98	24.3	2606
524	A MicroRNA signature associated with prognosis and progression in chronic lymphocytic leukemia. <i>New England Journal of Medicine</i> , 2005 , 353, 1793-801	59.2	2041
523	MicroRNAs in Cancer. <i>Annual Review of Medicine</i> , 2009 , 60, 167-79	17.4	1516
522	MicroRNA-29 family reverts aberrant methylation in lung cancer by targeting DNA methyltransferases 3A and 3B. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 15805-10	11.5	1385
521	MicroRNA signatures in human ovarian cancer. <i>Cancer Research</i> , 2007 , 67, 8699-707	10.1	1251
520	MicroRNA expression profiles associated with prognosis and therapeutic outcome in colon adenocarcinoma. <i>JAMA - Journal of the American Medical Association</i> , 2008 , 299, 425-36	27.4	1233
519	miRNAs, cancer, and stem cell division. <i>Cell</i> , 2005 , 122, 6-7	56.2	1156
518	MicroRNA profiling reveals distinct signatures in B cell chronic lymphocytic leukemias. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 11755-60	11.5	1103
517	Modulation of miR-155 and miR-125b levels following lipopolysaccharide/TNF-alpha stimulation and their possible roles in regulating the response to endotoxin shock. <i>Journal of Immunology</i> , 2007 , 179, 5082-9	5.3	1091
516	MicroRNAs in body fluids--the mix of hormones and biomarkers. <i>Nature Reviews Clinical Oncology</i> , 2011 , 8, 467-77	19.4	1074
515	Cancer exosomes perform cell-independent microRNA biogenesis and promote tumorigenesis. <i>Cancer Cell</i> , 2014 , 26, 707-21	24.3	1032

514	The role of microRNA genes in papillary thyroid carcinoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 19075-80	11.5	1025
513	MicroRNAs and other non-coding RNAs as targets for anticancer drug development. <i>Nature Reviews Drug Discovery</i> , 2013 , 12, 847-65	64.1	982
512	A microRNA DNA methylation signature for human cancer metastasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 13556-61	11.5	890
511	A microRNA signature of hypoxia. <i>Molecular and Cellular Biology</i> , 2007 , 27, 1859-67	4.8	881
510	MicroRNA-cancer connection: the beginning of a new tale. <i>Cancer Research</i> , 2006 , 66, 7390-4	10.1	874
509	An oligonucleotide microchip for genome-wide microRNA profiling in human and mouse tissues. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 9740-4	11.5	831
508	Long non-coding RNAs and cancer: a new frontier of translational research?. <i>Oncogene</i> , 2012 , 31, 4577-87	8.2	793
507	Clinical relevance of circulating cell-free microRNAs in cancer. <i>Nature Reviews Clinical Oncology</i> , 2014 , 11, 145-56	19.4	740
506	Cyclin G1 is a target of miR-122a, a microRNA frequently down-regulated in human hepatocellular carcinoma. <i>Cancer Research</i> , 2007 , 67, 6092-9	10.1	695
505	MicroRNAs 221 and 222 inhibit normal erythropoiesis and erythroleukemic cell growth via kit receptor down-modulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 18081-6	11.5	691
504	Relation between microRNA expression and progression and prognosis of gastric cancer: a microRNA expression analysis. <i>Lancet Oncology</i> , 2010 , 11, 136-46	21.7	671
503	MicroRNAs--the micro steering wheel of tumour metastases. <i>Nature Reviews Cancer</i> , 2009 , 9, 293-302	31.3	661
502	MicroRNA expression abnormalities in pancreatic endocrine and acinar tumors are associated with distinctive pathologic features and clinical behavior. <i>Journal of Clinical Oncology</i> , 2006 , 24, 4677-84	2.2	658
501	MiR-15a and miR-16-1 cluster functions in human leukemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 5166-71	11.5	642
500	RNA interference in the clinic: challenges and future directions. <i>Nature Reviews Cancer</i> , 2011 , 11, 59-67	31.3	622
499	MicroRNA expression and function in cancer. <i>Trends in Molecular Medicine</i> , 2006 , 12, 580-7	11.5	615
498	Genomic profiling of microRNA and messenger RNA reveals deregulated microRNA expression in prostate cancer. <i>Cancer Research</i> , 2008 , 68, 6162-70	10.1	600
497	Ultraconserved regions encoding ncRNAs are altered in human leukemias and carcinomas. <i>Cancer Cell</i> , 2007 , 12, 215-29	24.3	599

496	MiR-221 controls CDKN1C/p57 and CDKN1B/p27 expression in human hepatocellular carcinoma. <i>Oncogene</i> , 2008 , 27, 5651-61	9.2	545
495	MicroRNA signatures associated with cytogenetics and prognosis in acute myeloid leukemia. <i>Blood</i> , 2008 , 111, 3183-9	2.2	536
494	Tcl1 expression in chronic lymphocytic leukemia is regulated by miR-29 and miR-181. <i>Cancer Research</i> , 2006 , 66, 11590-3	10.1	528
493	Micro-RNA profiling in kidney and bladder cancers. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2007 , 25, 387-92	2.8	522
492	miR-15a and miR-16-1 in cancer: discovery, function and future perspectives. <i>Cell Death and Differentiation</i> , 2010 , 17, 215-20	12.7	482
491	Long noncoding RNA in prostate, bladder, and kidney cancer. <i>European Urology</i> , 2014 , 65, 1140-51	10.2	471
490	Human chronic lymphocytic leukemia modeled in mouse by targeted TCL1 expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 6955-60	11.5	469
489	Genomic and epigenetic alterations deregulate microRNA expression in human epithelial ovarian cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 7004-9	11.5	443
488	CCAT2, a novel noncoding RNA mapping to 8q24, underlies metastatic progression and chromosomal instability in colon cancer. <i>Genome Research</i> , 2013 , 23, 1446-61	9.7	442
487	miR-328 functions as an RNA decoy to modulate hnRNP E2 regulation of mRNA translation in leukemic blasts. <i>Cell</i> , 2010 , 140, 652-65	56.2	427
486	CD34+ hematopoietic stem-progenitor cell microRNA expression and function: a circuit diagram of differentiation control. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 2750-5	11.5	424
485	Genetic and epigenetic silencing of microRNA-203 enhances ABL1 and BCR-ABL1 oncogene expression. <i>Cancer Cell</i> , 2008 , 13, 496-506	24.3	423
484	miRNA Deregulation in Cancer Cells and the Tumor Microenvironment. <i>Cancer Discovery</i> , 2016 , 6, 235-46	24.4	404
483	MicroRNA fingerprints during human megakaryocytopoiesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 5078-83	11.5	386
482	MicroRNA 29b functions in acute myeloid leukemia. <i>Blood</i> , 2009 , 114, 5331-41	2.2	379
481	Downregulation of microRNA expression in the lungs of rats exposed to cigarette smoke. <i>FASEB Journal</i> , 2009 , 23, 806-12	0.9	364
480	MicroRNAome genome: a treasure for cancer diagnosis and therapy. <i>Ca-A Cancer Journal for Clinicians</i> , 2014 , 64, 311-36	220.7	354
479	miR-200 expression regulates epithelial-to-mesenchymal transition in bladder cancer cells and reverses resistance to epidermal growth factor receptor therapy. <i>Clinical Cancer Research</i> , 2009 , 15, 5060-72	12.9	353

478	PDL1 Regulation by p53 via miR-34. <i>Journal of the National Cancer Institute</i> , 2016 , 108,	9.7	351
477	MiR-199a-3p regulates mTOR and c-Met to influence the doxorubicin sensitivity of human hepatocarcinoma cells. <i>Cancer Research</i> , 2010 , 70, 5184-93	10.1	347
476	MiR-122/cyclin G1 interaction modulates p53 activity and affects doxorubicin sensitivity of human hepatocarcinoma cells. <i>Cancer Research</i> , 2009 , 69, 5761-7	10.1	346
475	Specific microRNAs are downregulated in human thyroid anaplastic carcinomas. <i>Oncogene</i> , 2007 , 26, 7590-5	9.2	342
474	PD-L1 expression and prognostic impact in glioblastoma. <i>Neuro-Oncology</i> , 2016 , 18, 195-205	1	331
473	MicroRNA gene expression during retinoic acid-induced differentiation of human acute promyelocytic leukemia. <i>Oncogene</i> , 2007 , 26, 4148-57	9.2	322
472	MicroRNA identification in plasma and serum: a new tool to diagnose and monitor diseases. <i>Expert Opinion on Biological Therapy</i> , 2009 , 9, 703-711	5.4	321
471	A TARBP2 mutation in human cancer impairs microRNA processing and DICER1 function. <i>Nature Genetics</i> , 2009 , 41, 365-70	36.3	317
470	Single-nucleotide polymorphisms inside microRNA target sites influence tumor susceptibility. <i>Cancer Research</i> , 2010 , 70, 2789-98	10.1	314
469	Analysis of 13 cell types reveals evidence for the expression of numerous novel primate- and tissue-specific microRNAs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E1106-15	11.5	307
468	MicroRNA microarray identifies Let-7i as a novel biomarker and therapeutic target in human epithelial ovarian cancer. <i>Cancer Research</i> , 2008 , 68, 10307-14	10.1	302
467	Tumour angiogenesis regulation by the miR-200 family. <i>Nature Communications</i> , 2013 , 4, 2427	17.4	295
466	Regulation of tumor angiogenesis by EZH2. <i>Cancer Cell</i> , 2010 , 18, 185-97	24.3	290
465	Data Normalization Strategies for MicroRNA Quantification. <i>Clinical Chemistry</i> , 2015 , 61, 1333-42	5.5	287
464	Reprogramming of miRNA networks in cancer and leukemia. <i>Genome Research</i> , 2010 , 20, 589-99	9.7	287
463	Mammalian microRNAs: a small world for fine-tuning gene expression. <i>Mammalian Genome</i> , 2006 , 17, 189-202	3.2	275
462	microRNA Therapeutics in Cancer - An Emerging Concept. <i>EBioMedicine</i> , 2016 , 12, 34-42	8.8	275
461	MicroRNA history: discovery, recent applications, and next frontiers. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011 , 717, 1-8	3.3	272

460	MicroRNA-221 targets Bmf in hepatocellular carcinoma and correlates with tumor multifocality. <i>Clinical Cancer Research</i> , 2009 , 15, 5073-81	12.9	267
459	Mechanisms of microRNA deregulation in human cancer. <i>Cell Cycle</i> , 2008 , 7, 2643-6	4.7	263
458	A genetic defect in exportin-5 traps precursor microRNAs in the nucleus of cancer cells. <i>Cancer Cell</i> , 2010 , 18, 303-15	24.3	261
457	Parkin, a gene implicated in autosomal recessive juvenile parkinsonism, is a candidate tumor suppressor gene on chromosome 6q25-q27. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 5956-61	11.5	246
456	MicroRNA fingerprints identify miR-150 as a plasma prognostic marker in patients with sepsis. <i>PLoS ONE</i> , 2009 , 4, e7405	3.7	236
455	MicroRNA expression profiling using microarrays. <i>Nature Protocols</i> , 2008 , 3, 563-78	18.8	233
454	Exosome-mediated transfer of microRNAs within the tumor microenvironment and neuroblastoma resistance to chemotherapy. <i>Journal of the National Cancer Institute</i> , 2015 , 107,	9.7	232
453	Junk DNA and the long non-coding RNA twist in cancer genetics. <i>Oncogene</i> , 2015 , 34, 5003-11	9.2	231
452	Clinical utility of circulating non-coding RNAs - an update. <i>Nature Reviews Clinical Oncology</i> , 2018 , 15, 541-563	19.4	230
451	A microRNA component of the hypoxic response. <i>Cell Death and Differentiation</i> , 2008 , 15, 667-71	12.7	225
450	Association of a microRNA/TP53 feedback circuitry with pathogenesis and outcome of B-cell chronic lymphocytic leukemia. <i>JAMA - Journal of the American Medical Association</i> , 2011 , 305, 59-67	27.4	223
449	Plasma microRNA 210 levels correlate with sensitivity to trastuzumab and tumor presence in breast cancer patients. <i>Cancer</i> , 2012 , 118, 2603-14	6.4	220
448	MicroRNAs and chromosomal abnormalities in cancer cells. <i>Oncogene</i> , 2006 , 25, 6202-10	9.2	218
447	An integrated approach for experimental target identification of hypoxia-induced miR-210. <i>Journal of Biological Chemistry</i> , 2009 , 284, 35134-43	5.4	215
446	mRNA/microRNA gene expression profile in microsatellite unstable colorectal cancer. <i>Molecular Cancer</i> , 2007 , 6, 54	42.1	215
445	Polymorphisms in microRNA targets: a gold mine for molecular epidemiology. <i>Carcinogenesis</i> , 2008 , 29, 1306-11	4.6	213
444	MiR-15a and MiR-16 control Bmi-1 expression in ovarian cancer. <i>Cancer Research</i> , 2009 , 69, 9090-5	10.1	207
443	Exosomes as divine messengers: are they the Hermes of modern molecular oncology?. <i>Cell Death and Differentiation</i> , 2015 , 22, 34-45	12.7	205

442	miR-145 participates with TP53 in a death-promoting regulatory loop and targets estrogen receptor-alpha in human breast cancer cells. <i>Cell Death and Differentiation</i> , 2010 , 17, 246-54	12.7	205
441	SnapShot: MicroRNAs in Cancer. <i>Cell</i> , 2009 , 137, 586-586.e1	56.2	204
440	MicroRNAs and cancer--new paradigms in molecular oncology. <i>Current Opinion in Cell Biology</i> , 2009 , 21, 470-9	9	194
439	The multiMiR R package and database: integration of microRNA-target interactions along with their disease and drug associations. <i>Nucleic Acids Research</i> , 2014 , 42, e133	20.1	192
438	miR-124 inhibits STAT3 signaling to enhance T cell-mediated immune clearance of glioma. <i>Cancer Research</i> , 2013 , 73, 3913-26	10.1	189
437	Low frequency of alterations of the alpha (PPP2R1A) and beta (PPP2R1B) isoforms of the subunit A of the serine-threonine phosphatase 2A in human neoplasms. <i>Oncogene</i> , 2000 , 19, 1191-5	9.2	187
436	Cell-to-cell communication: microRNAs as hormones. <i>Molecular Oncology</i> , 2017 , 11, 1673-1686	7.9	186
435	Small molecule enoxacin is a cancer-specific growth inhibitor that acts by enhancing TAR RNA-binding protein 2-mediated microRNA processing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 4394-9	11.5	183
434	Identification of differentially expressed microRNAs by microarray: a possible role for microRNA genes in pituitary adenomas. <i>Journal of Cellular Physiology</i> , 2007 , 210, 370-7	7	183
433	MicroRNA in lung cancer: role, mechanisms, pathways and therapeutic relevance. <i>Molecular Aspects of Medicine</i> , 2019 , 70, 3-20	16.7	180
432	PRUNE2 is a human prostate cancer suppressor regulated by the intronic long noncoding RNA PCA3. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 8403-8 ^{11.5}	11.5	179
431	RNAi therapies: drugging the undruggable. <i>Science Translational Medicine</i> , 2014 , 6, 240ps7	17.5	176
430	microRNA fingerprinting of CLL patients with chromosome 17p deletion identify a miR-21 score that stratifies early survival. <i>Blood</i> , 2010 , 116, 945-52	2.2	173
429	The Potential of MicroRNAs as Prostate Cancer Biomarkers. <i>European Urology</i> , 2016 , 70, 312-22	10.2	169
428	MicroRNAs in cancer: from developmental genes in worms to their clinical application in patients. <i>British Journal of Cancer</i> , 2015 , 113, 569-73	8.7	163
427	CpG island hypermethylation-associated silencing of non-coding RNAs transcribed from ultraconserved regions in human cancer. <i>Oncogene</i> , 2010 , 29, 6390-401	9.2	158
426	MicroRNAs. <i>Cancer Journal (Sudbury, Mass.)</i> , 2008 , 14, 1-6	2.2	158
425	Prognostic value of miR-155 in individuals with monoclonal B-cell lymphocytosis and patients with B chronic lymphocytic leukemia. <i>Blood</i> , 2013 , 122, 1891-9	2.2	157

424	MicroRNAs and cancer: profile, profile, profile. <i>International Journal of Cancer</i> , 2008 , 122, 969-77	7.5	157
423	A serum microRNA signature predicts tumor relapse and survival in triple-negative breast cancer patients. <i>Clinical Cancer Research</i> , 2015 , 21, 1207-14	12.9	156
422	Reduced adenosine-to-inosine miR-455-5p editing promotes melanoma growth and metastasis. <i>Nature Cell Biology</i> , 2015 , 17, 311-21	23.4	155
421	The fusion of two worlds: non-coding RNAs and extracellular vesicles--diagnostic and therapeutic implications (Review). <i>International Journal of Oncology</i> , 2015 , 46, 17-27	4.4	152
420	Strand-specific miR-28-5p and miR-28-3p have distinct effects in colorectal cancer cells. <i>Gastroenterology</i> , 2012 , 142, 886-896.e9	13.3	151
419	CCAT2, a novel long non-coding RNA in breast cancer: expression study and clinical correlations. <i>Oncotarget</i> , 2013 , 4, 1748-62	3.3	148
418	Therapeutic delivery of miR-200c enhances radiosensitivity in lung cancer. <i>Molecular Therapy</i> , 2014 , 22, 1494-1503	11.7	142
417	Relationships of microRNA expression in mouse lung with age and exposure to cigarette smoke and light. <i>FASEB Journal</i> , 2009 , 23, 3243-50	0.9	142
416	p63-microRNA feedback in keratinocyte senescence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 1133-8	11.5	142
415	Epigenetics and miRNAs in human cancer. <i>Advances in Genetics</i> , 2010 , 70, 87-99	3.3	140
414	Noncoding RNA therapeutics - challenges and potential solutions. <i>Nature Reviews Drug Discovery</i> , 2021 , 20, 629-651	64.1	140
413	Progresses towards safe and efficient gene therapy vectors. <i>Oncotarget</i> , 2015 , 6, 30675-703	3.3	136
412	Prooncogenic factors miR-23b and miR-27b are regulated by Her2/Neu, EGF, and TNF- α in breast cancer. <i>Cancer Research</i> , 2013 , 73, 2884-96	10.1	135
411	Regulatory mechanisms of microRNAs involvement in cancer. <i>Expert Opinion on Biological Therapy</i> , 2007 , 7, 1009-19	5.4	135
410	miR-203 induces oxaliplatin resistance in colorectal cancer cells by negatively regulating ATM kinase. <i>Molecular Oncology</i> , 2014 , 8, 83-92	7.9	133
409	MicroRNA profiling in cancer. <i>Clinical Science</i> , 2011 , 121, 141-58	6.5	133
408	MicroRNA genes are frequently located near mouse cancer susceptibility loci. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 8017-22	11.5	131
407	Chromosomal rearrangements and microRNAs: a new cancer link with clinical implications. <i>Journal of Clinical Investigation</i> , 2007 , 117, 2059-66	15.9	131

406	Hypoxia-mediated downregulation of miRNA biogenesis promotes tumour progression. <i>Nature Communications</i> , 2014 , 5, 5202	17.4	130
405	Cell-to-cell miRNA transfer: from body homeostasis to therapy. <i>Pharmacology & Therapeutics</i> , 2012 , 136, 169-74	13.9	130
404	Identification of a long non-coding RNA-associated RNP complex regulating metastasis at the translational step. <i>EMBO Journal</i> , 2013 , 32, 2672-84	13	129
403	MicroRNA-155 influences B-cell receptor signaling and associates with aggressive disease in chronic lymphocytic leukemia. <i>Blood</i> , 2014 , 124, 546-54	2.2	127
402	MicroRNAs and noncoding RNAs in hematological malignancies: molecular, clinical and therapeutic implications. <i>Leukemia</i> , 2008 , 22, 1095-105	10.7	127
401	Expression of microRNAs and protein-coding genes associated with perineural invasion in prostate cancer. <i>Prostate</i> , 2008 , 68, 1152-64	4.2	127
400	Exosomes from Glioma-Associated Mesenchymal Stem Cells Increase the Tumorigenicity of Glioma Stem-like Cells via Transfer of miR-1587. <i>Cancer Research</i> , 2017 , 77, 5808-5819	10.1	126
399	MicroRNA Processing and Human Cancer. <i>Journal of Clinical Medicine</i> , 2015 , 4, 1651-67	5.1	126
398	MIR-138 exerts anti-glioma efficacy by targeting immune checkpoints. <i>Neuro-Oncology</i> , 2016 , 18, 639-481		124
397	Therapeutic synergy between microRNA and siRNA in ovarian cancer treatment. <i>Cancer Discovery</i> , 2013 , 3, 1302-15	24.4	123
396	Genomics of chronic lymphocytic leukemia microRNAs as new players with clinical significance. <i>Seminars in Oncology</i> , 2006 , 33, 167-73	5.5	122
395	Targeting microRNAs with small molecules: from dream to reality. <i>Clinical Pharmacology and Therapeutics</i> , 2010 , 87, 754-8	6.1	119
394	Targeting microRNAs as key modulators of tumor immune response. <i>Journal of Experimental and Clinical Cancer Research</i> , 2016 , 35, 103	12.8	118
393	miR-29b and miR-125a regulate podoplanin and suppress invasion in glioblastoma. <i>Genes Chromosomes and Cancer</i> , 2010 , 49, 981-90	5	114
392	CCAT1 and CCAT2 long noncoding RNAs, located within the 8q.24.21 l gene desert, serve as important prognostic biomarkers in colorectal cancer. <i>Annals of Oncology</i> , 2017 , 28, 1882-1888	10.3	113
391	Aberrant regulation of pVHL levels by microRNA promotes the HIF/VEGF axis in CLL B cells. <i>Blood</i> , 2009 , 113, 5568-74	2.2	112
390	MicroRNA-21 links epithelial-to-mesenchymal transition and inflammatory signals to confer resistance to neoadjuvant trastuzumab and chemotherapy in HER2-positive breast cancer patients. <i>Oncotarget</i> , 2015 , 6, 37269-80	3.3	112
389	Small molecule compounds targeting miRNAs for cancer therapy. <i>Advanced Drug Delivery Reviews</i> , 2015 , 81, 104-16	18.5	111

388	Regulation of pri-miRNA processing by a long noncoding RNA transcribed from an ultraconserved region. <i>Molecular Cell</i> , 2014 , 55, 138-47	17.6	111
387	miRNAs and long noncoding RNAs as biomarkers in human diseases. <i>Expert Review of Molecular Diagnostics</i> , 2013 , 13, 183-204	3.8	111
386	Disrupted microRNA expression caused by Mecp2 loss in a mouse model of Rett syndrome. <i>Epigenetics</i> , 2010 , 5, 656-63	5.7	108
385	Unique microRNA profile in end-stage heart failure indicates alterations in specific cardiovascular signaling networks. <i>Journal of Biological Chemistry</i> , 2009 , 284, 27487-99	5.4	108
384	Regulation of microRNA Expression: the Hypoxic Component. <i>Cell Cycle</i> , 2007 , 6, 1425-1430	4.7	103
383	Allele-Specific Reprogramming of Cancer Metabolism by the Long Non-coding RNA CCAT2. <i>Molecular Cell</i> , 2016 , 61, 520-534	17.6	101
382	Familial cancer associated with a polymorphism in ARLTS1. <i>New England Journal of Medicine</i> , 2005 , 352, 1667-76	59.2	101
381	Exosomal miRNA confers chemo resistance via targeting Cav1/p-gp/M2-type macrophage axis in ovarian cancer. <i>EBioMedicine</i> , 2018 , 38, 100-112	8.8	100
380	The clinical and biological significance of MIR-224 expression in colorectal cancer metastasis. <i>Gut</i> , 2016 , 65, 977-989	19.2	99
379	Loss of p53 drives neuron reprogramming in head and neck cancer. <i>Nature</i> , 2020 , 578, 449-454	50.4	99
378	The Clinical Relevance of Long Non-Coding RNAs in Cancer. <i>Cancers</i> , 2015 , 7, 2169-82	6.6	98
377	Alterations of the tumor suppressor gene Parkin in non-small cell lung cancer. <i>Clinical Cancer Research</i> , 2004 , 10, 2720-4	12.9	98
376	Exosomal lncRNAs as new players in cell-to-cell communication. <i>Translational Cancer Research</i> , 2018 , 7, S243-S252	0.3	97
375	Cancer Hallmarks and MicroRNAs: The Therapeutic Connection. <i>Advances in Cancer Research</i> , 2017 , 135, 119-149	5.9	96
374	A novel non-coding RNA lncRNA-JADE connects DNA damage signalling to histone H4 acetylation. <i>EMBO Journal</i> , 2013 , 32, 2833-47	13	96
373	An miR-502-binding site single-nucleotide polymorphism in the 3' untranslated region of the SET8 gene is associated with early age of breast cancer onset. <i>Clinical Cancer Research</i> , 2009 , 15, 6292-300	12.9	95
372	Epigenetic silencing of microRNA-203 is required for EMT and cancer stem cell properties. <i>Scientific Reports</i> , 2013 , 3, 2687	4.9	94
371	Chemoprevention of cigarette smoke-induced alterations of MicroRNA expression in rat lungs. <i>Cancer Prevention Research</i> , 2010 , 3, 62-72	3.2	93

370	Ubiquitous Release of Exosomal Tumor Suppressor miR-6126 from Ovarian Cancer Cells. <i>Cancer Research</i> , 2016 , 76, 7194-7207	10.1	92
369	MiR-200a regulates epithelial to mesenchymal transition-related gene expression and determines prognosis in colorectal cancer patients. <i>British Journal of Cancer</i> , 2014 , 110, 1614-21	8.7	92
368	The Extracellular RNA Communication Consortium: Establishing Foundational Knowledge and Technologies for Extracellular RNA Research. <i>Cell</i> , 2019 , 177, 231-242	56.2	91
367	Genetic progression in microsatellite instability high (MSI-H) colon cancers correlates with clinico-pathological parameters: A study of the TGRBII, BAX, hMSH3, hMSH6, IGFIIIR and BLM genes. <i>International Journal of Cancer</i> , 2000 , 89, 230-235	7.5	91
366	Combining Anti-Mir-155 with Chemotherapy for the Treatment of Lung Cancers. <i>Clinical Cancer Research</i> , 2017 , 23, 2891-2904	12.9	90
365	Frequent aberrant methylation of the CDH4 gene promoter in human colorectal and gastric cancer. <i>Cancer Research</i> , 2004 , 64, 8156-9	10.1	89
364	MiR-155 is a liposarcoma oncogene that targets casein kinase-1 β and enhances E-catenin signaling. <i>Cancer Research</i> , 2012 , 72, 1751-62	10.1	88
363	MicroRNA down-regulated in human cholangiocarcinoma control cell cycle through multiple targets involved in the G1/S checkpoint. <i>Hepatology</i> , 2011 , 54, 2089-98	11.2	86
362	MicroRNA involvement in brain tumors: from bench to bedside. <i>Brain Pathology</i> , 2008 , 18, 122-9	6	86
361	HINCUTs in cancer: hypoxia-induced noncoding ultraconserved transcripts. <i>Cell Death and Differentiation</i> , 2013 , 20, 1675-87	12.7	85
360	MicroRNAs miR-221 and miR-222: a new level of regulation in aggressive breast cancer. <i>Genome Medicine</i> , 2011 , 3, 56	14.4	84
359	H19 Noncoding RNA, an Independent Prognostic Factor, Regulates Essential Rb-E2F and CDK8-E-catenin Signaling in Colorectal Cancer. <i>EBioMedicine</i> , 2016 , 13, 113-124	8.8	84
358	Molecular pathways: microRNAs, cancer cells, and microenvironment. <i>Clinical Cancer Research</i> , 2014 , 20, 6247-53	12.9	83
357	Circulating microRNAs let-7a and miR-16 predict progression-free survival and overall survival in patients with myelodysplastic syndrome. <i>Blood</i> , 2011 , 118, 413-5	2.2	83
356	Noncoding RNAs and immune checkpoints-clinical implications as cancer therapeutics. <i>FEBS Journal</i> , 2017 , 284, 1952-1966	5.7	82
355	Expression, tissue distribution and function of miR-21 in esophageal squamous cell carcinoma. <i>PLoS ONE</i> , 2013 , 8, e73009	3.7	82
354	Chronic lymphocytic leukemia: interplay between noncoding RNAs and protein-coding genes. <i>Blood</i> , 2009 , 114, 4761-70	2.2	81
353	The Roles of MicroRNAs in the Cancer Invasion-Metastasis Cascade. <i>Cancer Microenvironment</i> , 2010 , 3, 137-47	6.1	81

352	Effect of miR-142-3p on the M2 macrophage and therapeutic efficacy against murine glioblastoma. <i>Journal of the National Cancer Institute</i> , 2014 , 106,	9.7	80
351	The role of microRNA and other non-coding RNA in the pathogenesis of chronic lymphocytic leukemia. <i>Best Practice and Research in Clinical Haematology</i> , 2007 , 20, 425-37	4.2	79
350	Expression and function of micro-RNAs in immune cells during normal or disease state. <i>International Journal of Medical Sciences</i> , 2008 , 5, 73-9	3.7	78
349	The decalog of long non-coding RNA involvement in cancer diagnosis and monitoring. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2014 , 51, 344-57	9.4	76
348	N-BLR, a primate-specific non-coding transcript leads to colorectal cancer invasion and migration. <i>Genome Biology</i> , 2017 , 18, 98	18.3	75
347	Clinically relevant microRNAs in ovarian cancer. <i>Molecular Cancer Research</i> , 2015 , 13, 393-401	6.6	75
346	Long Noncoding RNA Ceruloplasmin Promotes Cancer Growth by Altering Glycolysis. <i>Cell Reports</i> , 2015 , 13, 2395-2402	10.6	75
345	Non-coding RNAs in GI cancers: from cancer hallmarks to clinical utility. <i>Gut</i> , 2020 , 69, 748-763	19.2	74
344	HypoxamiRs and cancer: from biology to targeted therapy. <i>Antioxidants and Redox Signaling</i> , 2014 , 21, 1220-38	8.4	74
343	Specific activation of microRNA106b enables the p73 apoptotic response in chronic lymphocytic leukemia by targeting the ubiquitin ligase Itch for degradation. <i>Blood</i> , 2009 , 113, 3744-53	2.2	74
342	Gain of imprinting at chromosome 11p15: A pathogenetic mechanism identified in human hepatocarcinomas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 5445-9	11.5	74
341	Soy Isoflavone Genistein-Mediated Downregulation of miR-155 Contributes to the Anticancer Effects of Genistein. <i>Nutrition and Cancer</i> , 2016 , 68, 154-64	2.8	72
340	Circular RNAs in Cancer - Lessons Learned From microRNAs. <i>Frontiers in Oncology</i> , 2018 , 8, 179	5.3	72
339	Regulation of microRNA expression: the hypoxic component. <i>Cell Cycle</i> , 2007 , 6, 1426-31	4.7	72
338	Hypoxia-upregulated microRNA-630 targets Dicer, leading to increased tumor progression. <i>Oncogene</i> , 2016 , 35, 4312-20	9.2	70
337	Epigenetic regulation of miRNAs in cancer. <i>Advances in Experimental Medicine and Biology</i> , 2013 , 754, 137-48	3.6	70
336	Emerging roles of microRNAs in the molecular responses to hypoxia. <i>Current Pharmaceutical Design</i> , 2009 , 15, 3861-6	3.3	70
335	MicroRNAs: fundamental facts and involvement in human diseases. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2006 , 78, 180-9		70

334	A miRNA signature associated with human metastatic medullary thyroid carcinoma. <i>Endocrine-Related Cancer</i> , 2013 , 20, 809-23	5.7	69
333	MicroRNA regulation of ionizing radiation-induced premature senescence. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011 , 81, 839-48	4	68
332	Cross talk between microRNA and coding cancer genes. <i>Cancer Journal (Sudbury, Mass.)</i> , 2012 , 18, 223-31	1.2	67
331	Two mature products of MIR-491 coordinate to suppress key cancer hallmarks in glioblastoma. <i>Oncogene</i> , 2015 , 34, 1619-1628	9.2	66
330	Effect of rapamycin on mouse chronic lymphocytic leukemia and the development of nonhematopoietic malignancies in Emu-TCL1 transgenic mice. <i>Cancer Research</i> , 2006 , 66, 915-20	10.1	66
329	High serum miR-19a levels are associated with inflammatory breast cancer and are predictive of favorable clinical outcome in patients with metastatic HER2+ inflammatory breast cancer. <i>PLoS ONE</i> , 2014 , 9, e83113	3.7	65
328	Non-codingRNA sequence variations in human chronic lymphocytic leukemia and colorectal cancer. <i>Carcinogenesis</i> , 2010 , 31, 208-15	4.6	65
327	Wnt signaling regulates the lineage differentiation potential of mouse embryonic stem cells through Tcf3 down-regulation. <i>PLoS Genetics</i> , 2013 , 9, e1003424	6	64
326	Genetic polymorphisms in MicroRNA-related genes as predictors of clinical outcomes in colorectal adenocarcinoma patients. <i>Clinical Cancer Research</i> , 2012 , 18, 3982-91	12.9	63
325	Examining plasma microRNA markers for colorectal cancer at different stages. <i>Oncotarget</i> , 2016 , 7, 11434-49	3.3	63
324	Role of miRNAs in immune responses and immunotherapy in cancer. <i>Genes Chromosomes and Cancer</i> , 2019 , 58, 244-253	5	63
323	Functional relevance of miRNA sequences in human disease. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2012 , 731, 14-9	3.3	62
322	The role of microRNA in human leukemia: a review. <i>Leukemia</i> , 2009 , 23, 1257-63	10.7	61
321	miR-195 in human primary mesenchymal stromal/stem cells regulates proliferation, osteogenesis and paracrine effect on angiogenesis. <i>Oncotarget</i> , 2016 , 7, 7-22	3.3	61
320	miR-196b-5p Regulates Colorectal Cancer Cell Migration and Metastases through Interaction with HOXB7 and GALNT5. <i>Clinical Cancer Research</i> , 2017 , 23, 5255-5266	12.9	60
319	MicroRNAs as therapeutic targets in human cancers. <i>Wiley Interdisciplinary Reviews RNA</i> , 2014 , 5, 537-48	9.3	60
318	Epigenetic inactivation of miR-9 family microRNAs in chronic lymphocytic leukemia--implications on constitutive activation of NF κ B pathway. <i>Molecular Cancer</i> , 2013 , 12, 173	42.1	60
317	Genome-wide and species-wide in silico screening for intragenic MicroRNAs in human, mouse and chicken. <i>PLoS ONE</i> , 2013 , 8, e65165	3.7	60

316	The Interaction Between Two Worlds: MicroRNAs and Toll-Like Receptors. <i>Frontiers in Immunology</i> , 2019 , 10, 1053	8.4	59
315	MicroRNA 603 acts as a tumor suppressor and inhibits triple-negative breast cancer tumorigenesis by targeting elongation factor 2 kinase. <i>Oncotarget</i> , 2017 , 8, 11641-11658	3.3	59
314	Non-coding RNAs: identification of cancer-associated microRNAs by gene profiling. <i>Technology in Cancer Research and Treatment</i> , 2010 , 9, 123-38	2.7	59
313	Cancer-associated genomic regions (CAGRs) and noncoding RNAs: bioinformatics and therapeutic implications. <i>Mammalian Genome</i> , 2008 , 19, 526-40	3.2	59
312	Decrypting noncoding RNA interactions, structures, and functional networks. <i>Genome Research</i> , 2019 , 29, 1377-1388	9.7	57
311	Trastuzumab upregulates PD-L1 as a potential mechanism of trastuzumab resistance through engagement of immune effector cells and stimulation of IFN γ secretion. <i>Cancer Letters</i> , 2018 , 430, 47-56	9.9	57
310	Exosomal Non-Coding RNAs: Diagnostic, Prognostic and Therapeutic Applications in Cancer. <i>Non-coding RNA</i> , 2015 , 1, 53-68	7.1	57
309	Catalog of microRNA seed polymorphisms in vertebrates. <i>PLoS ONE</i> , 2012 , 7, e30737	3.7	57
308	Complex patterns of altered MicroRNA expression during the adenoma-adenocarcinoma sequence for microsatellite-stable colorectal cancer. <i>Clinical Cancer Research</i> , 2011 , 17, 7283-93	12.9	57
307	MicroRNAs in the ontogeny of leukemias and lymphomas. <i>Leukemia and Lymphoma</i> , 2009 , 50, 160-70	1.9	57
306	Long non-coding RNA containing ultraconserved genomic region 8 promotes bladder cancer tumorigenesis. <i>Oncotarget</i> , 2016 , 7, 20636-54	3.3	56
305	Direct Upregulation of STAT3 by MicroRNA-551b-3p Deregulates Growth and Metastasis of Ovarian Cancer. <i>Cell Reports</i> , 2016 , 15, 1493-1504	10.6	56
304	Genome-Wide miRNA Analysis Identifies miR-188-3p as a Novel Prognostic Marker and Molecular Factor Involved in Colorectal Carcinogenesis. <i>Clinical Cancer Research</i> , 2017 , 23, 1323-1333	12.9	55
303	Current Status of Long Non-Coding RNAs in Human Breast Cancer. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	55
302	Modulation of MicroRNA-194 and cell migration by HER2-targeting trastuzumab in breast cancer. <i>PLoS ONE</i> , 2012 , 7, e41170	3.7	54
301	miR-342 regulates BRCA1 expression through modulation of ID4 in breast cancer. <i>PLoS ONE</i> , 2014 , 9, e87039	3.7	54
300	MicroRNA based theranostics for brain cancer: basic principles. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019 , 38, 231	12.8	53
299	Serum HOTAIR and GAS5 levels as predictors of survival in patients with glioblastoma. <i>Molecular Carcinogenesis</i> , 2018 , 57, 137-141	5	53

298	Current Insights into Long Non-Coding RNAs (LncRNAs) in Prostate Cancer. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	53
297	Using microRNA Networks to Understand Cancer. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	52
296	Regulation of BRCA1 transcription by specific single-stranded DNA binding factors. <i>Molecular and Cellular Biology</i> , 2003 , 23, 3774-87	4.8	52
295	miR-141-Mediated Regulation of Brain Metastasis From Breast Cancer. <i>Journal of the National Cancer Institute</i> , 2016 , 108,	9.7	52
294	NCRNA combined therapy as future treatment option for cancer. <i>Current Pharmaceutical Design</i> , 2014 , 20, 6565-74	3.3	51
293	Transcription signatures encoded by ultraconserved genomic regions in human prostate cancer. <i>Molecular Cancer</i> , 2013 , 12, 13	42.1	50
292	MicroRNAs in the pathogeny of chronic lymphocytic leukaemia. <i>British Journal of Haematology</i> , 2007 , 139, 709-16	4.5	50
291	Genetic and epigenetic alterations of microRNAs and implications for human cancers and other diseases. <i>Genes Chromosomes and Cancer</i> , 2016 , 55, 193-214	5	50
290	Rac1/Pak1/p38/MMP-2 Axis Regulates Angiogenesis in Ovarian Cancer. <i>Clinical Cancer Research</i> , 2015 , 21, 2127-37	12.9	49
289	Therapeutic potential of FLANC, a novel primate-specific long non-coding RNA in colorectal cancer. <i>Gut</i> , 2020 , 69, 1818-1831	19.2	49
288	Loss of methylation at chromosome 11p15.5 is common in human adult tumors. <i>Oncogene</i> , 2002 , 21, 2564-72	9.2	49
287	Therapeutic evaluation of microRNA-15a and microRNA-16 in ovarian cancer. <i>Oncotarget</i> , 2016 , 7, 15093-15104	33.5	49
286	MicroRNAs, Regulatory Messengers Inside and Outside Cancer Cells. <i>Advances in Experimental Medicine and Biology</i> , 2018 , 1056, 87-108	3.6	48
285	Dual Suppressive Effect of miR-34a on the FOXM1/eEF2-Kinase Axis Regulates Triple-Negative Breast Cancer Growth and Invasion. <i>Clinical Cancer Research</i> , 2018 , 24, 4225-4241	12.9	48
284	MicroRNAs: a complex regulatory network drives the acquisition of malignant cell phenotype. <i>Endocrine-Related Cancer</i> , 2010 , 17, F51-75	5.7	48
283	In Vivo Delivery of miR-34a Sensitizes Lung Tumors to Radiation Through RAD51 Regulation. <i>Molecular Therapy - Nucleic Acids</i> , 2015 , 4, e270	10.7	47
282	Cancer-associated rs6983267 SNP and its accompanying long noncoding RNA induce myeloid malignancies via unique SNP-specific RNA mutations. <i>Genome Research</i> , 2018 , 28, 432-447	9.7	45
281	A total transcriptome profiling method for plasma-derived extracellular vesicles: applications for liquid biopsies. <i>Scientific Reports</i> , 2017 , 7, 14395	4.9	44

280	Signal transducer and activator of transcription (STAT)-3 regulates microRNA gene expression in chronic lymphocytic leukemia cells. <i>Molecular Cancer</i> , 2013 , 12, 50	42.1	44
279	Non-coding RNAs as theranostics in human cancers. <i>Journal of Cellular Biochemistry</i> , 2012 , 113, 1451-9	4.7	44
278	Alterations of the tumor suppressor gene ARLTS1 in ovarian cancer. <i>Cancer Research</i> , 2006 , 66, 10287-91	10.1	44
277	MALAT1 promoted invasiveness of gastric adenocarcinoma. <i>BMC Cancer</i> , 2017 , 17, 46	4.8	43
276	Exosomal miR-940 maintains SRC-mediated oncogenic activity in cancer cells: a possible role for exosomal disposal of tumor suppressor miRNAs. <i>Oncotarget</i> , 2017 , 8, 20145-20164	3.3	43
275	MicroRNAs and cancer therapy - from bystanders to major players. <i>Current Medicinal Chemistry</i> , 2013 , 20, 3561-73	4.3	43
274	Thymoquinone inhibits cell proliferation, migration, and invasion by regulating the elongation factor 2 kinase (eEF-2K) signaling axis in triple-negative breast cancer. <i>Breast Cancer Research and Treatment</i> , 2018 , 171, 593-605	4.4	43
273	Non-coding RNAs: the cancer genome dark matter that matters!. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 55, 705-714	5.9	42
272	MicroRNAs and ceRNAs: therapeutic implications of RNA networks. <i>Expert Opinion on Biological Therapy</i> , 2014 , 14, 1285-93	5.4	42
271	Dendritic Cell-derived Extracellular Vesicles mediate Mesenchymal Stem/Stromal Cell recruitment. <i>Scientific Reports</i> , 2017 , 7, 1667	4.9	41
270	RNA-Binding Proteins as Important Regulators of Long Non-Coding RNAs in Cancer. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	41
269	microRNAome expression in chronic lymphocytic leukemia: comparison with normal B-cell subsets and correlations with prognostic and clinical parameters. <i>Clinical Cancer Research</i> , 2014 , 20, 4141-53	12.9	41
268	Radiotherapy-induced miR-223 prevents relapse of breast cancer by targeting the EGF pathway. <i>Oncogene</i> , 2016 , 35, 4914-26	9.2	41
267	To Wnt or Lose: The Missing Non-Coding Linc in Colorectal Cancer. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	40
266	microRNAs in cancer: from bench to bedside. <i>Advances in Cancer Research</i> , 2010 , 108, 113-57	5.9	40
265	Coordinated targeting of the EGFR signaling axis by microRNA-27a*. <i>Oncotarget</i> , 2013 , 4, 1388-98	3.3	40
264	The emerging role of long noncoding RNAs in oral cancer. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2017 , 123, 235-241	2	39
263	A-to-I miR-378a-3p editing can prevent melanoma progression via regulation of PARVA expression. <i>Nature Communications</i> , 2018 , 9, 461	17.4	39

262	The mix of two worlds: non-coding RNAs and hormones. <i>Nucleic Acid Therapeutics</i> , 2013 , 23, 2-8	4.8	39
261	MicroRNAs, ultraconserved genes and colorectal cancers. <i>International Journal of Biochemistry and Cell Biology</i> , 2010 , 42, 1291-7	5.6	39
260	Multiplex profiling of peritoneal metastases from gastric adenocarcinoma identified novel targets and molecular subtypes that predict treatment response. <i>Gut</i> , 2020 , 69, 18-31	19.2	39
259	Key principles of miRNA involvement in human diseases. <i>Discoveries</i> , 2014 , 2, e34	3.7	38
258	The ZNF304-integrin axis protects against anoikis in cancer. <i>Nature Communications</i> , 2015 , 6, 7351	17.4	37
257	Regulation of PI3K signaling in T-cell acute lymphoblastic leukemia: a novel PTEN/Ikaros/miR-26b mechanism reveals a critical targetable role for PIK3CD. <i>Leukemia</i> , 2017 , 31, 2355-2364	10.7	36
256	Circulating free xeno-microRNAs - The new kids on the block. <i>Molecular Oncology</i> , 2016 , 10, 503-8	7.9	36
255	PDGF induced microRNA alterations in cancer cells. <i>Nucleic Acids Research</i> , 2011 , 39, 4035-47	20.1	36
254	MicroRNAs and ultraconserved genes as diagnostic markers and therapeutic targets in cancer and cardiovascular diseases. <i>Journal of Cardiovascular Translational Research</i> , 2010 , 3, 271-9	3.3	36
253	MiR-181 family-specific behavior in different cancers: a meta-analysis view. <i>Cancer and Metastasis Reviews</i> , 2018 , 37, 17-32	9.6	35
252	UCbase & miRfunc: a database of ultraconserved sequences and microRNA function. <i>Nucleic Acids Research</i> , 2009 , 37, D41-8	20.1	35
251	Epstein-Barr Virus MicroRNAs are Expressed in Patients with Chronic Lymphocytic Leukemia and Correlate with Overall Survival. <i>EBioMedicine</i> , 2015 , 2, 572-82	8.8	34
250	Targeting the microRNA-regulating DNA damage/repair pathways in cancer. <i>Expert Opinion on Biological Therapy</i> , 2014 , 14, 1667-83	5.4	34
249	Novel insights of structure-based modeling for RNA-targeted drug discovery. <i>Journal of Chemical Information and Modeling</i> , 2012 , 52, 2741-53	6.1	34
248	The Long Noncoding RNA CCAT2 Induces Chromosomal Instability Through BOP1-AURKB Signaling. <i>Gastroenterology</i> , 2020 , 159, 2146-2162.e33	13.3	34
247	Non-coding RNAs and cancer: new paradigms in oncology. <i>Discovery Medicine</i> , 2011 , 11, 245-54	2.5	34
246	Cellular and viral microRNAs in sepsis: mechanisms of action and clinical applications. <i>Cell Death and Differentiation</i> , 2016 , 23, 1906-1918	12.7	33
245	Overexpression of miR-125a in myelodysplastic syndrome CD34+ cells modulates NF- κ B activation and enhances erythroid differentiation arrest. <i>PLoS ONE</i> , 2014 , 9, e93404	3.7	33

244	Stratifying risk of recurrence in stage II colorectal cancer using deregulated stromal and epithelial microRNAs. <i>Oncotarget</i> , 2015 , 6, 7262-79	3.3	33
243	Over-expression of the miR-483-3p overcomes the miR-145/TP53 pro-apoptotic loop in hepatocellular carcinoma. <i>Oncotarget</i> , 2016 , 7, 31361-71	3.3	33
242	Current concepts of non-coding RNA regulation of immune checkpoints in cancer. <i>Molecular Aspects of Medicine</i> , 2019 , 70, 117-126	16.7	32
241	miR-195 inhibits macrophages pro-inflammatory profile and impacts the crosstalk with smooth muscle cells. <i>PLoS ONE</i> , 2017 , 12, e0188530	3.7	32
240	From the Biology of PP2A to the PADs for Therapy of Hematologic Malignancies. <i>Frontiers in Oncology</i> , 2015 , 5, 21	5.3	32
239	Multigene Methylation Analysis of Gastrointestinal Tumors. <i>Molecular Diagnosis and Therapy</i> , 2003 , 7, 201-207		32
238	GATA3 as a master regulator for interactions of tumor-associated macrophages with high-grade serous ovarian carcinoma. <i>Cellular Signalling</i> , 2020 , 68, 109539	4.9	32
237	MiR-200 family and cancer: From a meta-analysis view. <i>Molecular Aspects of Medicine</i> , 2019 , 70, 57-71	16.7	30
236	Synchronous down-modulation of miR-17 family members is an early causative event in the retinal angiogenic switch. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 3770-5	11.5	30
235	Cellular and Kaposi's sarcoma-associated herpes virus microRNAs in sepsis and surgical trauma. <i>Cell Death and Disease</i> , 2014 , 5, e1559	9.8	30
234	The role of a new class of long noncoding RNAs transcribed from ultraconserved regions in cancer. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2017 , 1868, 449-455	11.2	29
233	A large scale expression study associates uc.283-plus lncRNA with pluripotent stem cells and human glioma. <i>Genome Medicine</i> , 2014 , 6, 76	14.4	29
232	GAM/ZFp/ZNF512B is central to a gene sensor circuitry involving cell-cycle regulators, TGF{beta} effectors, Drosha and microRNAs with opposite oncogenic potentials. <i>Nucleic Acids Research</i> , 2010 , 38, 7673-88	20.1	29
231	Role of p53 and upstream binding factor in the proliferation and differentiation of murine myeloid cells. <i>Molecular and Cellular Biology</i> , 2004 , 24, 5421-33	4.8	29
230	Lung cancer susceptibility in Fhit-deficient mice is increased by Vhl haploinsufficiency. <i>Cancer Research</i> , 2005 , 65, 6576-82	10.1	29
229	Key questions about the checkpoint blockade-are microRNAs an answer?. <i>Cancer Biology and Medicine</i> , 2018 , 15, 103-115	5.2	29
228	A New World of Biomarkers and Therapeutics for Female Reproductive System and Breast Cancers: Circular RNAs. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 50	5.7	28
227	Circulating microRNAs as Promising Tumor Biomarkers. <i>Advances in Clinical Chemistry</i> , 2014 , 67, 189-214	5.8	28

226	Transcribed ultraconserved region 339 promotes carcinogenesis by modulating tumor suppressor microRNAs. <i>Nature Communications</i> , 2017 , 8, 1801	17.4	28
225	FOXP3 is a direct target of miR15a/16 in umbilical cord blood regulatory T cells. <i>Bone Marrow Transplantation</i> , 2014 , 49, 793-9	4.4	28
224	Clinical significance of the interaction between non-coding RNAs and the epigenetics machinery: challenges and opportunities in oncology. <i>Epigenetics</i> , 2014 , 9, 75-80	5.7	28
223	RNA inhibition, microRNAs, and new therapeutic agents for cancer treatment. <i>Clinical Lymphoma and Myeloma</i> , 2009 , 9 Suppl 3, S313-8		28
222	Roles and clinical implications of microRNAs in acute lymphoblastic leukemia. <i>Journal of Cellular Physiology</i> , 2018 , 233, 5642-5654	7	28
221	MicroRNA-383 located in frequently deleted chromosomal locus 8p22 regulates CD44 in prostate cancer. <i>Oncogene</i> , 2017 , 36, 2667-2679	9.2	27
220	The protein phosphatase 2A regulatory subunit B55 β is a modulator of signaling and microRNA expression in acute myeloid leukemia cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014 , 1843, 1969-77	4.9	27
219	Ultraconserved long non-coding RNA uc.63 in breast cancer. <i>Oncotarget</i> , 2017 , 8, 35669-35680	3.3	27
218	MicroRNAs: toward the clinic for breast cancer patients. <i>Seminars in Oncology</i> , 2011 , 38, 764-75	5.5	27
217	Globally increased ultraconserved noncoding RNA expression in pancreatic adenocarcinoma. <i>Oncotarget</i> , 2016 , 7, 53165-53177	3.3	27
216	Principles of microRNA involvement in human cancers. <i>Chinese Journal of Cancer</i> , 2011 , 30, 739-48		27
215	Non-Coding RNAs in IGF-1R Signaling Regulation: The Underlying Pathophysiological Link between Diabetes and Cancer. <i>Cells</i> , 2019 , 8,	7.9	27
214	The Many Faces of Long Noncoding RNAs in Cancer. <i>Antioxidants and Redox Signaling</i> , 2018 , 29, 922-935	8.4	27
213	TRPA1-FGFR2 binding event is a regulatory oncogenic driver modulated by miRNA-142-3p. <i>Nature Communications</i> , 2017 , 8, 947	17.4	26
212	Plasma circulating-microRNA profiles are useful for assessing prognosis in patients with cytogenetically normal myelodysplastic syndromes. <i>Modern Pathology</i> , 2015 , 28, 373-82	9.8	26
211	MicroRNAs and genomic variations: from Proteus tricks to Prometheus gift. <i>Carcinogenesis</i> , 2009 , 30, 912-7	4.6	26
210	MicroRNAs and Long Non-Coding RNAs and Their Hormone-Like Activities in Cancer. <i>Cancers</i> , 2019 , 11,	6.6	25
209	Association Between Germline Mutations in BRF1, a Subunit of the RNA Polymerase III Transcription Complex, and Hereditary Colorectal Cancer. <i>Gastroenterology</i> , 2018 , 154, 181-194.e20	13.3	25

208	Signal transducer and activator of transcription-3 induces microRNA-155 expression in chronic lymphocytic leukemia. <i>PLoS ONE</i> , 2013 , 8, e64678	3.7	25
207	Circulating miRNAs in sepsis-A network under attack: An in-silico prediction of the potential existence of miRNA sponges in sepsis. <i>PLoS ONE</i> , 2017 , 12, e0183334	3.7	25
206	Current Concepts of Non-Coding RNAs in the Pathogenesis of Non-Clear Cell Renal Cell Carcinoma. <i>Cancers</i> , 2019 , 11,	6.6	24
205	ApoptomiRs expression modulated by BCR-ABL is linked to CML progression and imatinib resistance. <i>Blood Cells, Molecules, and Diseases</i> , 2014 , 53, 47-55	2.1	24
204	Role of PTPRJ genotype in papillary thyroid carcinoma risk. <i>Endocrine-Related Cancer</i> , 2010 , 17, 1001-6	5.7	24
203	Refinement of the LOH region 1 at 11q23.1 deleted in human breast carcinomas and sublocalization of 11 expressed sequence tags within the refined region. <i>Oncogene</i> , 1999 , 18, 1635-8	9.2	24
202	MicroRNAs in chronic lymphocytic leukemia: miRacle or miRage for prognosis and targeted therapies?. <i>Seminars in Oncology</i> , 2016 , 43, 209-14	5.5	23
201	MicroRNA and Epigenetics: Diagnostic and Therapeutic Opportunities. <i>Current Pathobiology Reports</i> , 2013 , 1, 43-52	2	23
200	Non-coding RNAs for medical practice in oncology. <i>Keio Journal of Medicine</i> , 2011 , 60, 106-13	1.6	23
199	Genetic variants at the miR-124 binding site on the cytoskeleton-organizing IQGAP1 gene confer differential predisposition to breast cancer. <i>International Journal of Oncology</i> , 2011 , 38, 1153-61	4.4	23
198	Ofatumumab and Lenalidomide for Patients with Relapsed or Refractory Chronic Lymphocytic Leukemia: Correlation between Responses and Immune Characteristics. <i>Clinical Cancer Research</i> , 2016 , 22, 2359-67	12.9	22
197	Decoy activity through microRNAs: the therapeutic implications. <i>Expert Opinion on Biological Therapy</i> , 2012 , 12, 1153-9	5.4	22
196	Hematopoietic differentiation: a coordinated dynamical process towards attractor stable states. <i>BMC Systems Biology</i> , 2010 , 4, 85	3.5	22
195	Chronic lymphocytic leukaemia genetics overview. <i>British Journal of Haematology</i> , 2007 , 139, 630-4	4.5	22
194	miRNA as potential biomarkers of breast cancer in the Lebanese population and in young women: a pilot study. <i>PLoS ONE</i> , 2014 , 9, e107566	3.7	22
193	Functional antagonism of E2f1 isoforms balance IGF-1R expression and signalling with distinct cancer-related biological outcomes. <i>Oncogene</i> , 2017 , 36, 5734-5744	9.2	21
192	Long Non-coding RNAs in Myeloid Malignancies. <i>Frontiers in Oncology</i> , 2019 , 9, 1048	5.3	21
191	Understanding the Genomic Ultraconservations: T-UCRs and Cancer. <i>International Review of Cell and Molecular Biology</i> , 2017 , 333, 159-172	6	21

190	Inflamma-miRs in Aging and Breast Cancer: Are They Reliable Players?. <i>Frontiers in Medicine</i> , 2015 , 2, 85	4.9	21
189	MiR-223-5p works as an oncomiR in vulvar carcinoma by TP63 suppression. <i>Oncotarget</i> , 2016 , 7, 49217-49231	3.3	21
188	MicroRNAs from Liquid Biopsy Derived Extracellular Vesicles: Recent Advances in Detection and Characterization Methods. <i>Cancers</i> , 2020 , 12,	6.6	21
187	miR-181a/b therapy in lung cancer: reality or myth?. <i>Molecular Oncology</i> , 2019 , 13, 9-25	7.9	21
186	Cancer-Associated Neurogenesis and Nerve-Cancer Cross-talk. <i>Cancer Research</i> , 2021 , 81, 1431-1440	10.1	21
185	HIF1A gene polymorphisms and human diseases: Graphical review of 97 association studies. <i>Genes Chromosomes and Cancer</i> , 2017 , 56, 439-452	5	20
184	Interplay between epigenetic abnormalities and deregulated expression of microRNAs in cancer. <i>Seminars in Cancer Biology</i> , 2019 , 58, 47-55	12.7	20
183	Regulation of hnRNPA1 by microRNAs controls the miR-18a- axis in chemotherapy-resistant ovarian cancer. <i>Cell Discovery</i> , 2017 , 3, 17029	22.3	20
182	Potential therapeutic applications of miRNA-based technology in hematological malignancies. <i>Current Pharmaceutical Design</i> , 2008 , 14, 2040-50	3.3	20
181	Genetic chaos and antichaos in human cancers. <i>Medical Hypotheses</i> , 2003 , 60, 258-62	3.8	20
180	Hematopoietic stem cells from induced pluripotent stem cells - considering the role of microRNA as a cell differentiation regulator. <i>Journal of Cell Science</i> , 2018 , 131,	5.3	19
179	Non-coding RNAs regulation of macrophage polarization in cancer. <i>Molecular Cancer</i> , 2021 , 20, 24	42.1	19
178	Long non-coding RNAs within the tumour microenvironment and their role in tumour-stroma cross-talk. <i>Cancer Letters</i> , 2018 , 421, 94-102	9.9	18
177	VEGFR-1 Pseudogene Expression and Regulatory Function in Human Colorectal Cancer Cells. <i>Molecular Cancer Research</i> , 2015 , 13, 1274-82	6.6	17
176	Levels of miR-29b do not predict for response in patients with acute myelogenous leukemia treated with the combination of 5-azacytidine, valproic acid, and ATRA. <i>American Journal of Hematology</i> , 2011 , 86, 237-8	7.1	17
175	MicroRNAs and cancer: what we know and what we still have to learn. <i>Genome Medicine</i> , 2009 , 1, 78	14.4	17
174	The role of exosomal long non-coding RNAs in cancer drug resistance. <i>Cancer Drug Resistance (Alhambra, Calif)</i> , 2019 , 2, 1178-1192	4.5	17
173	The Modulatory Role of MicroRNA-873 in the Progression of KRAS-Driven Cancers. <i>Molecular Therapy - Nucleic Acids</i> , 2019 , 14, 301-317	10.7	17

172	Circulating inflammation signature predicts overall survival and relapse-free survival in metastatic colorectal cancer. <i>British Journal of Cancer</i> , 2019 , 120, 340-345	8.7	17
171	Metformin blocks MYC protein synthesis in colorectal cancer via mTOR-4EBP-eIF4E and MNK1-eIF4G-eIF4E signaling. <i>Molecular Oncology</i> , 2018 , 12, 1856-1870	7.9	17
170	Epigenetic silencing of miR-340-5p in multiple myeloma: mechanisms and prognostic impact. <i>Clinical Epigenetics</i> , 2019 , 11, 71	7.7	16
169	Anti-leukemic activity of microRNA-26a in a chronic lymphocytic leukemia mouse model. <i>Oncogene</i> , 2017 , 36, 6617-6626	9.2	16
168	MicroRNAs as main players in the pathogenesis of chronic lymphocytic leukemia. <i>MicroRNA (Sharjah, United Arab Emirates)</i> , 2014 , 2, 158-64	2.9	16
167	microRNA-10b: a new marker or the marker of pancreatic ductal adenocarcinoma?. <i>Clinical Cancer Research</i> , 2011 , 17, 5527-9	12.9	16
166	ARLTS1 - a novel tumor suppressor gene. <i>Cancer Letters</i> , 2008 , 264, 11-20	9.9	16
165	lncRNA and Mechanisms of Drug Resistance in Cancers of the Genitourinary System. <i>Cancers</i> , 2020 , 12,	6.6	16
164	Plasma Viral miRNAs Indicate a High Prevalence of Occult Viral Infections. <i>EBioMedicine</i> , 2017 , 20, 182-188	9.8	15
163	Design of a miRNA sponge for the miR-17 miRNA family as a therapeutic strategy against vulvar carcinoma. <i>Molecular and Cellular Probes</i> , 2015 , 29, 420-426	3.3	15
162	microRNA Expression in Ethnic Specific Early Stage Breast Cancer: an Integration and Comparative Analysis. <i>Scientific Reports</i> , 2017 , 7, 16829	4.9	15
161	Integrated MicroRNA-mRNA Profiling Identifies Oncostatin M as a Marker of Mesenchymal-Like ER-Negative/HER2-Negative Breast Cancer. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	15
160	Spinophilin expression determines cellular growth, cancer stemness and 5-flourouracil resistance in colorectal cancer. <i>Oncotarget</i> , 2014 , 5, 8492-502	3.3	15
159	Circulating Non-coding RNAs in Renal Cell Carcinoma-Pathogenesis and Potential Implications as Clinical Biomarkers. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 828	5.7	15
158	GLS2 is protumorigenic in breast cancers. <i>Oncogene</i> , 2020 , 39, 690-702	9.2	15
157	Epigenetically regulated microRNAs and their prospect in cancer diagnosis. <i>Expert Review of Molecular Diagnostics</i> , 2014 , 14, 673-83	3.8	14
156	OMiR: Identification of associations between OMIM diseases and microRNAs. <i>Genomics</i> , 2011 , 97, 71-6	4.3	14
155	MYC-microRNA-9-metastasis connection in breast cancer. <i>Cell Research</i> , 2010 , 20, 603-4	24.7	14

154	Contact inhibition modulates intracellular levels of miR-223 in a p27kip1-dependent manner. <i>Oncotarget</i> , 2014 , 5, 1185-97	3.3	14
153	The involvement of microRNA in the pathogenesis of Richter syndrome. <i>Haematologica</i> , 2019 , 104, 10046-1015	10.15	14
152	Trisomy 12 chronic lymphocytic leukemia expresses a unique set of activated and targetable pathways. <i>Haematologica</i> , 2018 , 103, 2069-2078	6.6	13
151	Below the Surface: IGF-1R Therapeutic Targeting and Its Endocytic Journey. <i>Cells</i> , 2019 , 8,	7.9	13
150	Expression profiles of micro RNA in proliferating and differentiating 32D murine myeloid cells. <i>Journal of Cellular Physiology</i> , 2006 , 207, 706-10	7	13
149	Tumor suppressor functions of ARLTS1 in lung cancers. <i>Cancer Research</i> , 2007 , 67, 7738-45	10.1	13
148	Somatic frameshift mutations in the Bloom syndrome BLM gene are frequent in sporadic gastric carcinomas with microsatellite mutator phenotype. <i>BMC Genetics</i> , 2001 , 2, 14	2.6	13
147	miR-543 regulates the epigenetic landscape of myelofibrosis by targeting TET1 and TET2. <i>JCI Insight</i> , 2020 , 5,	9.9	13
146	An Integrative Analysis to Identify Driver Genes in Esophageal Squamous Cell Carcinoma. <i>PLoS ONE</i> , 2015 , 10, e0139808	3.7	13
145	Patients After Splenectomy: Old Risks and New Perspectives. <i>Chirurgia (Romania)</i> , 2016 , 111, 393-399	1.8	13
144	Therapeutic Potential of the miRNA-ATM Axis in the Management of Tumor Radioresistance. <i>Cancer Research</i> , 2020 , 80, 139-150	10.1	13
143	Editing and Chemical Modifications on Non-Coding RNAs in Cancer: A New Tale with Clinical Significance. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	13
142	miR-122 and hepatocellular carcinoma: from molecular biology to therapeutics. <i>EBioMedicine</i> , 2018 , 37, 17-18	8.8	13
141	targetHub: a programmable interface for miRNA-gene interactions. <i>Bioinformatics</i> , 2013 , 29, 2657-8	7.2	12
140	Tracking miRNAsLfootprints in tumor-microenvironment interactions: Insights and implications for targeted cancer therapy. <i>Genes Chromosomes and Cancer</i> , 2015 , 54, 335-52	5	12
139	From mobility to crosstalk. A model of intracellular miRNAs motion may explain the RNAs interaction mechanism on the basis of target subcellular localization. <i>Mathematical Biosciences</i> , 2016 , 280, 50-61	3.9	12
138	OncomiR-10b hijacks the small molecule inhibitor linifanib in human cancers. <i>Scientific Reports</i> , 2018 , 8, 13106	4.9	12
137	A mathematical model for the quantification of a patients sensitivity to checkpoint inhibitors and long-term tumour burden. <i>Nature Biomedical Engineering</i> , 2021 , 5, 297-308	19	12

136	The non-coding RNome after splenectomy. <i>Journal of Cellular and Molecular Medicine</i> , 2019 , 23, 7844-7858	5.8	11
135	Long non-coding RNA uc.291 controls epithelial differentiation by interfering with the ACTL6A/BAF complex. <i>EMBO Reports</i> , 2020 , 21, e46734	6.5	11
134	MicroRNAs as cancer biomarkers. <i>MicroRNA (Sharjah, United Arab Emirates)</i> , 2013 , 2, 102-17	2.9	11
133	The Meaning of 21 in the MicroRNA world: perfection rather than destruction?. <i>Cancer Cell</i> , 2010 , 18, 203-5	24.3	11
132	Highlighting transcribed ultraconserved regions in human diseases. <i>Wiley Interdisciplinary Reviews RNA</i> , 2020 , 11, e1567	9.3	11
131	The role of radiotherapy in metaplastic breast cancer: a propensity score-matched analysis of the SEER database. <i>Journal of Translational Medicine</i> , 2019 , 17, 318	8.5	10
130	microRNA and Chronic Lymphocytic Leukemia. <i>Advances in Experimental Medicine and Biology</i> , 2015 , 889, 23-40	3.6	10
129	MicroRNAs in mouse models of lymphoid malignancies. <i>Journal of Nucleic Acids Investigation</i> , 2010 , 1, 36-40		10
128	Classical and noncanonical functions of miRNAs in cancers. <i>Trends in Genetics</i> , 2021 ,	8.5	10
127	FuncPEP: A Database of Functional Peptides Encoded by Non-Coding RNAs. <i>Non-coding RNA</i> , 2020 , 6,	7.1	10
126	The Interplay between MicroRNAs and the Components of the Tumor Microenvironment in B-Cell Malignancies. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	9
125	Fractal-like kinetics of intracellular enzymatic reactions: a chemical framework of endotoxin tolerance and a possible non-specific contribution of macromolecular crowding to cross-tolerance. <i>Theoretical Biology and Medical Modelling</i> , 2013 , 10, 55	2.3	9
124	An updated h-index measures both the primary and total scientific output of a researcher. <i>Discoveries</i> , 2015 , 3,	3.7	9
123	MYC-related microRNAs signatures in non-Hodgkin B-cell lymphomas and their relationships with core cellular pathways. <i>Oncotarget</i> , 2018 , 9, 29753-29771	3.3	9
122	Low spinophilin expression enhances aggressive biological behavior of breast cancer. <i>Oncotarget</i> , 2015 , 6, 11191-202	3.3	9
121	Gut microbiota: a new player in regulating immune- and chemo-therapy efficacy. <i>Cancer Drug Resistance (Alhambra, Calif)</i> , 2020 , 3, 356-370	4.5	9
120	Long non-coding RNAs in ovarian cancer: expression profile and functional spectrum. <i>RNA Biology</i> , 2020 , 17, 1523-1534	4.8	9
119	A noncoding RNA modulator potentiates phenylalanine metabolism in mice. <i>Science</i> , 2021 , 373, 662-673	33.3	9

118	Targeting IL11 Receptor in Leukemia and Lymphoma: A Functional Ligand-Directed Study and Hematopathology Analysis of Patient-Derived Specimens. <i>Clinical Cancer Research</i> , 2015 , 21, 3041-51	12.9	8
117	A Holistic Perspective: Exosomes Shuttle between Nerves and Immune Cells in the Tumor Microenvironment. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	8
116	Classic and targeted anti-leukaemic agents interfere with the cholesterol biogenesis metagene in acute myeloid leukaemia: Therapeutic implications. <i>Journal of Cellular and Molecular Medicine</i> , 2020 , 24, 7378-7392	5.6	8
115	Profiling the circulating miRnome reveals a temporal regulation of the bone injury response. <i>Theranostics</i> , 2018 , 8, 3902-3917	12.1	8
114	MicroRNAs: Clinical Trials and Potential Applications?. <i>Clinical Journal of Oncology Nursing</i> , 2017 , 21, 554-559	15.5	8
113	Bioinformatics, non-coding RNAs and its possible application in personalized medicine. <i>Advances in Experimental Medicine and Biology</i> , 2013 , 774, 21-37	3.6	8
112	MicroRNA analysis: is it ready for prime time?. <i>Clinical Chemistry</i> , 2013 , 59, 343-7	5.5	8
111	A Multiscale Agent-Based Model of Ductal Carcinoma In Situ. <i>IEEE Transactions on Biomedical Engineering</i> , 2020 , 67, 1450-1461	5	8
110	Beyond genomics: interpreting the 93% of the human genome that does not encode proteins. <i>Current Opinion in Drug Discovery & Development</i> , 2010 , 13, 350-8		8
109	SnapShot: chronic lymphocytic leukemia. <i>Cancer Cell</i> , 2014 , 26, 770-770.e1	24.3	7
108	miRs: fine-tuning prognosis in CLL. <i>Blood</i> , 2009 , 113, 5035-6	2.2	7
107	MicroRNAs and metastases--the neuroblastoma link. <i>Cancer Biology and Therapy</i> , 2010 , 9, 453-4	4.6	7
106	RNAi-based therapeutics and tumor targeted delivery in cancer.. <i>Advanced Drug Delivery Reviews</i> , 2022 , 182, 114113	18.5	7
105	Epigenetic silencing of long non-coding RNA in multiple myeloma: impact on prognosis and myeloma dissemination. <i>Cancer Cell International</i> , 2020 , 20, 403	6.4	7
104	Subcellular Localization of uc.8+ as a Prognostic Biomarker in Bladder Cancer Tissue. <i>Cancers</i> , 2021 , 13,	6.6	7
103	The role of p19 and p21 H-Ras proteins and mutants in miRNA expression in cancer and a Costello syndrome cell model. <i>BMC Medical Genetics</i> , 2015 , 16, 46	2.1	6
102	Frequent methylation of the tumour suppressor miR-1258 targeting PDL1: implication in multiple myeloma-specific cytotoxicity and prognostification. <i>British Journal of Haematology</i> , 2020 , 190, 249-261	4.5	6
101	Genetic Variations of Ultraconserved Elements in the Human Genome. <i>OMICS A Journal of Integrative Biology</i> , 2019 , 23, 549-559	3.8	6

100	EGFR gets in the way of microRNA biogenesis. <i>Cell Research</i> , 2013 , 23, 1157-8	24.7	6
99	MicroRNAs in mouse models of lymphoid malignancies. <i>Journal of Nucleic Acids Investigation</i> , 2010 , 1, 8		6
98	Epigenetic deregulation in cancer: Enzyme players and non-coding RNAs. <i>Seminars in Cancer Biology</i> , 2020 ,	12.7	6
97	Tipping a favorable CNS intratumoral immune response using immune stimulation combined with inhibition of tumor-mediated immune suppression. <i>Oncolmunology</i> , 2016 , 5, e1117739	7.2	6
96	Inhibition of G Protein-Coupled Receptor Kinase 2 Promotes Unbiased Downregulation of IGF1 Receptor and Restrains Malignant Cell Growth. <i>Cancer Research</i> , 2021 , 81, 501-514	10.1	5
95	Small gene, big number, many effects. <i>Blood</i> , 2012 , 120, 240-1	2.2	5
94	Cloning and characterization of cDNAs expressed during chick development and encoding different isoforms of a putative zinc finger transcriptional regulator. <i>Biochimie</i> , 2005 , 87, 939-49	4.6	5
93	t(1;7)(p36;q32): a new recurring abnormality in primary myelodysplastic syndrome. <i>Cancer Genetics and Cytogenetics</i> , 1994 , 75, 103-5		5
92	MicroRNAs in Myeloid Hematological Malignancies. <i>Current Genomics</i> , 2015 , 16, 336-48	2.6	5
91	Profiling Long Noncoding RNA Expression Using Custom-Designed Microarray. <i>Methods in Molecular Biology</i> , 2016 , 1402, 33-41	1.4	5
90	MicroRNA-138 suppresses glioblastoma proliferation through downregulation of CD44. <i>Scientific Reports</i> , 2021 , 11, 9219	4.9	5
89	Ultraconserved long non-coding RNA uc.112 is highly expressed in childhood T versus B-cell acute lymphoblastic leukemia. <i>Hematology, Transfusion and Cell Therapy</i> , 2021 , 43, 28-34	1.6	5
88	From cell biology to immunology: Controlling metastatic progression of cancer via microRNA regulatory networks. <i>Oncolmunology</i> , 2016 , 5, e1230579	7.2	4
87	Allele frequencies of variants in ultra conserved elements identify selective pressure on transcription factor binding. <i>PLoS ONE</i> , 2014 , 9, e110692	3.7	4
86	Oncogenes and tumor-suppressor genes - 2 different looks of the same gene. <i>Oncology Reports</i> , 1994 , 1, 987-91	3.5	4
85	Epigenetic silencing of miR-342-3p in B cell lymphoma and its impact on autophagy. <i>Clinical Epigenetics</i> , 2020 , 12, 150	7.7	4
84	When non-coding is not enough. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	4
83	Genetic progression in microsatellite instability high (MSI-H) colon cancers correlates with clinico-pathological parameters: A study of the TGRBII, BAX, hMSH3, hMSH6, IGFIIR and BLM genes 2000 , 89, 230		4

82	Targeting non-coding RNAs to overcome cancer therapy resistance.. <i>Signal Transduction and Targeted Therapy</i> , 2022 , 7, 121	2.1	4
81	IMPS-28PD-L1 EXPRESSION AND PROGNOSTIC IMPACT IN GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2015 , 17, v119.2-v119	1	3
80	MiR-sensing chemotherapy resistance in CLL. <i>Blood</i> , 2009 , 113, 3652-3	2.2	3
79	MicroRNAs as new biomarkers in oncology. <i>Expert Opinion on Medical Diagnostics</i> , 2008 , 2, 115-27		3
78	The difference between p53 mutation frequency in haematological and non-haematological malignancies: possible explanations. <i>Medical Hypotheses</i> , 1999 , 53, 326-8	3.8	3
77	New Definitions of Sepsis and the Quest for Specific Biomarkers. Are the miRNAs the Answer?. <i>Chirurgia (Romania)</i> , 2018 , 113, 464-468	1.8	3
76	When kissing (disease) counts. <i>Blood</i> , 2016 , 127, 1947-8	2.2	3
75	Disruption of TP63-miR-27a* Feedback Loop by Mutant TP53 in Head and Neck Cancer. <i>Journal of the National Cancer Institute</i> , 2020 , 112, 266-277	9.7	3
74	Prognostic Value of Procalcitonin, C-Reactive Protein, and Lactate Levels in Emergency Evaluation of Cancer Patients with Suspected Infection. <i>Cancers</i> , 2021 , 13,	6.6	3
73	CRISPR/Cas9 to Silence Long Non-Coding RNAs. <i>Methods in Molecular Biology</i> , 2021 , 2348, 175-187	1.4	3
72	Mir-roring hypoxia in EGFR-TKI tolerance. <i>Nature Metabolism</i> , 2019 , 1, 418-419	14.6	2
71	How Does a Tumor Get Its Shape? MicroRNAs Act as Morphogens at the Cancer Invasion Front. <i>Non-coding RNA</i> , 2020 , 6,	7.1	2
70	Germline polymorphisms in myeloid-associated genes are not associated with survival in glioma patients. <i>Journal of Neuro-Oncology</i> , 2018 , 136, 33-39	4.8	2
69	The Role of MicroRNAs and Ultraconserved Non-Coding RNAs in Cancer 2014 , 435-447		2
68	MicroRNAs: The Jack of All Trades. <i>Clinical Leukemia</i> , 2009 , 3, 20-32		2
67	MicroRNAs as new players in the genomic galaxy and disease puzzles. <i>Clinical and Translational Science</i> , 2008 , 1, 50-6	4.9	2
66	Marfan-like habitus and familial adenomatous polyposis in two unrelated males: a significant association?. <i>European Journal of Human Genetics</i> , 1999 , 7, 609-14	5.3	2
65	MicroRNAs in Chronic Lymphocytic Leukemia: An Old Disease with New Genetic Insights. <i>MicroRNA (Sharjah, United Arab Emirates)</i> , 2016 , 5, 106-112	2.9	2

64	Multiple approach to analyzing the role of microRNAs in apoptosis. <i>Methods in Molecular Biology</i> , 2009 , 559, 219-45	1.4	2
63	Pyknon-Containing Transcripts Are Downregulated in Colorectal Cancer Tumors, and Loss of Is Associated With Worse Patient Outcome. <i>Frontiers in Genetics</i> , 2020 , 11, 581454	4.5	2
62	Non-Coding RNAs as Cancer Hallmarks in Chronic Lymphocytic Leukemia. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	2
61	Immune Modulatory Short Noncoding RNAs Targeting the Glioblastoma Microenvironment. <i>Frontiers in Oncology</i> , 2021 , 11, 682129	5.3	2
60	MicroRNAs: new players in AML pathogenesis. <i>Cancer Treatment and Research</i> , 2010 , 145, 169-81	3.5	2
59	DrugMicroRNA Cross-Talk 2015 , 991-1016		1
58	In situ hybridization-based detection of microRNAs in human diseases 2014 , 1,		1
57	Beyond miRNAs: Role of Other Noncoding RNAs in Cancer 2014 , 247-264		1
56	Principles of MicroRNA Involvement in Breast Cancer. <i>Breast Diseases</i> , 2011 , 22, 238-243		1
55	High-throughput profiling in the hematopoietic system. <i>Methods in Molecular Biology</i> , 2010 , 667, 79-91	1.4	1
54	Coding and noncoding: the CLL mix. <i>Blood</i> , 2010 , 115, 3858-9	2.2	1
53	In silico prediction of target SNPs affecting miR-mRNA interaction 2008 ,		1
52	Analysis of the circRNA and T-UCR populations identifies convergent pathways in mouse and human models of Rett syndrome.. <i>Molecular Therapy - Nucleic Acids</i> , 2022 , 27, 621-644	10.7	1
51	Pseudogenes, RNAs and new reproducibility norms. <i>ELife</i> , 2020 , 9,	8.9	1
50	MicroRNAs as Therapeutic Targets 2015 , 683-697		1
49	MicroRNAs in Cancer1-16		1
48	Interrupting Neuron-Tumor Interactions to Overcome Treatment Resistance. <i>Cancers</i> , 2020 , 12,	6.6	1
47	Bigger Data Is Better for Molecular Diagnosis Tests Based on Decision Trees. <i>Lecture Notes in Computer Science</i> , 2016 , 288-295	0.9	1

46	The interplay between lncRNAs, SNPs, and protein complexes - what does it mean for cancer metabolism?. <i>Molecular and Cellular Oncology</i> , 2016 , 3, e1166308	1.2	1
45	Hodgkin Lymphoma Cells Have a Specific Long Noncoding RNA Expression Pattern. <i>American Journal of Pathology</i> , 2016 , 186, 2251-3	5.8	1
44	miRNA Expression Assays 2019 , 51-71		1
43	Measurement of miRNAs in Chronic Lymphocytic Leukemia Patient Samples by Quantitative Reverse Transcription PCR. <i>Methods in Molecular Biology</i> , 2019 , 1881, 267-276	1.4	1
42	Preface for GCC Special Issue on noncoding RNAs, noncoding DNAs, and genome editing. <i>Genes Chromosomes and Cancer</i> , 2019 , 58, 189-190	5	1
41	MicroRNAs in Cancer		1
40	Translational Modeling Identifies Synergy between Nanoparticle-Delivered miRNA-22 and Standard-of-Care Drugs in Triple-Negative Breast Cancer.. <i>Pharmaceutical Research</i> , 2022 , 39, 511	4.5	1
39	Dedifferentiation-mediated stem cell niche maintenance in early-stage ductal carcinoma in situ progression: insights from a multiscale modeling study. <i>Cell Death and Disease</i> , 2022 , 13,	9.8	1
38	Being Small and Intronic: miRNAs That Count!. <i>Cancer Research</i> , 2021 , 81, 1212-1213	10.1	0
37	microRNA in cancer: An overview 2022 , 21-28		0
36	Serglycin Is Involved in TGF- β -Induced Epithelial-Mesenchymal Transition and Is Highly Expressed by Immune Cells in Breast Cancer Tissue.. <i>Frontiers in Oncology</i> , 2022 , 12, 868868	5.3	0
35	New Insights into the Molecular Mechanisms of Long Non-coding RNAs in Cancer Biology 2019 , 85-113		
34	MiRNA Expression Assays 2015 , 45-70		
33	MicroRNA Involvement in Intestinal Tumorigenesis 2015 , 169-188		
32	Long non-coding RNAs in primary myelofibrosis: the dark matter in hematopoietic progenitor cells?. <i>Leukemia and Lymphoma</i> , 2015 , 56, 281-2	1.9	
31	Featuring the special issue Guest Editor. <i>Cancer Letters</i> , 2018 , 423, 27	9.9	
30	Therapeutic Potential of microRNAs 2015 , 543-564		
29	Noncoding RNAs: Identification of Cancer-Associated MicroRNAs 2012 , 573-587		

- 28 MicroRNAs and Other Non-Coding RNAs: Implications for Cancer Patients **2013**, 1-12
- 27 The MicroRNA Decalogue of Cancer Involvement **2013**, 199-221
- 26 Small silencing non-coding RNAs: cancer connections and significance 481-496
- 25 Non-Coding RNAs in Cancer The Other Part of the Story. *Molecular Medicine and Medicinal*, **2010**, 265-277
- 24 Micro-RNAs in Hematologic Malignancies **2011**, 325-340
- 23 ARLTS1 Trp149Stop Mutation and the Risk of Ovarian Cancer. *Cancer Research*, **2007**, 67, 4534-4534 10.1
- 22 FAP and marfanoid habitus. *European Journal of Human Genetics*, **2000**, 8, 153 5.3
- 21 T-cell malignant lymphoma with a complex unbalanced translocation (8;11;14). *Cancer Genetics and Cytogenetics*, **1993**, 70, 71-3
- 20 Tumorigenesis-Related Long Noncoding RNAs and Their Targeting as Therapeutic Approach in Cancer. *RNA Technologies*, **2020**, 277-303 0.2
- 19 APPLE and translation: When a small peptide produced from a "non-coding RNA" matters!. *Molecular Cell*, **2021**, 81, 4349-4351 17.6
- 18 MicroRNA Expression and Regulation of Hematopoiesis in CD34+ Cells: A Bioinformatic Circuit Diagram of the Hematopoietic Differentiation Control.. *Blood*, **2006**, 108, 1334-1334 2.2
- 17 Tyrosine Kinases, microRNAs, Epigenetics: New Insights in the Mechanisms of Leukemogenesis **2018**, 11-25
- 16 Diagnostic and Therapeutic MicroRNAs in Primary Myelofibrosis. *Proceedings of the Singapore National Academy of Science*, **2020**, 14, 91-109 0.1
- 15 A complex translocation t(1-12-11) in a patient with hodgkins-disease. *Oncology Reports*, **1994**, 1, 837-9 3.5
- 14 Molecular Pathogenesis **2008**, 35-44
- 13 Significance of Aberrant Expression of MicroRNAs in Cancer Cells **2009**, 1-12
- 12 MicroRNAs and Drug Resistance **2009**, 257-270
- 11 Involvement of MicroRNAs in Human Cancer: Discovery and Expression Profiling **2010**, 69-104

10 MicroRNAs in Cancer (An Overview) **2011**, 1-71

9 MicroRNAs as Drugs and Drug Targets in Cancer **2011**, 97-111

8 Neural reprogramming via microRNAs: the new kid on the p53-deficient block. *Molecular and Cellular Oncology*, **2020**, 7, 1756723 1.2

7 Quicker and digital: the way on protein biomarkers?. *Blood*, **2021**, 137, 1564-1565 2.2

6 Effects of long non-coding RNAs on androgen signaling pathways in genitourinary malignancies. *Molecular and Cellular Endocrinology*, **2021**, 526, 111197 4.4

5 TNF-alpha releasing capacity of the whole blood drops after open total splenectomy, but increases after partial/subtotal or minimally invasive splenectomy. *Acta Chirurgica Belgica*, **2021**, 1-11 0.9

4 S-MiRAGE: A Quantitative, Secreted RNA-Based Reporter of Gene Expression and Cell Persistence. *ACS Synthetic Biology*, **2019**, 8, 25-33 5.7

3 Profiling Long Non-coding RNA expression Using Custom-Designed Microarray. *Methods in Molecular Biology*, **2021**, 2372, 43-51 1.4

2 RNA delivery for cancer gene therapy **2022**, 375-424

1 lncRNAs UC.145 and PRKG1-AS1 Determine the Functional Output of DKK1 in Regulating the Wnt Signaling Pathway in Gastric Cancer. *Cancers*, **2022**, 14, 2369 6.6