

Carlo Maria Croce

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

166
papers

30,862
citations

54
h-index

175
g-index

175
ext. papers

34,296
ext. citations

9.7
avg, IF

7.73
L-index

#	Paper	IF	Citations
166	PDCD1 (PD-1) is a direct target of miR-15a-5p and miR-16-5p.. <i>Signal Transduction and Targeted Therapy</i> , 2022 , 7, 12	21	1
165	Frontiers of MicroRNA Signature in Non-small Cell Lung Cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 643942	5.7	9
164	Detecting and Characterizing A-To-I microRNA Editing in Cancer. <i>Cancers</i> , 2021 , 13,	6.6	7
163	The MicroRNA Family Gets Wider: The IsomiRs Classification and Role. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 668648	5.7	8
162	MicroRNA and ER stress in cancer. <i>Seminars in Cancer Biology</i> , 2021 , 75, 3-14	12.7	9
161	Loss of expression of both miR-15/16 loci in CML transition to blast crisis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	4
160	MIR21-induced loss of junctional adhesion molecule A promotes activation of oncogenic pathways, progression and metastasis in colorectal cancer. <i>Cell Death and Differentiation</i> , 2021 , 28, 2970-2982	12.7	3
159	MiREDiBase, a manually curated database of validated and putative editing events in microRNAs. <i>Scientific Data</i> , 2021 , 8, 199	8.2	4
158	Combined loss of function of two different loci of miR-15/16 drives the pathogenesis of acute myeloid leukemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 12332-12340	11.5	16
157	Exosomal miRNA signatures of pancreatic lesions. <i>BMC Gastroenterology</i> , 2020 , 20, 137	3	12
156	Tumour predisposition and cancer syndromes as models to study gene-environment interactions. <i>Nature Reviews Cancer</i> , 2020 , 20, 533-549	31.3	32
155	Abrogation of esophageal carcinoma development in miR-31 knockout rats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 6075-6085	11.5	11
154	miR-196b-5p-mediated downregulation of TSPAN12 and GATA6 promotes tumor progression in non-small cell lung cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 4347-4357	11.5	46
153	Identification of tRNA-derived small RNA (tsRNA) responsive to the tumor suppressor, RUNX1, in breast cancer. <i>Journal of Cellular Physiology</i> , 2020 , 235, 5318-5327	7	24
152	MicroRNAs in Skeletal Muscle and Hints on Their Potential Role in Muscle Wasting During Cancer Cachexia. <i>Frontiers in Oncology</i> , 2020 , 10, 607196	5.3	7
151	MicroRNA dysregulation and multi-targeted therapy for cancer treatment. <i>Advances in Biological Regulation</i> , 2020 , 75, 100669	6.2	12
150	Pleiotropic tumor suppressor functions of WWOX antagonize metastasis. <i>Signal Transduction and Targeted Therapy</i> , 2020 , 5, 43	21	11

149	The combination of knockdown and TNF α causes synthetic lethality via caspase-8 activation in human carcinoma cell lines. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 14039-14048	11.5	5
148	HNRNPL Restrains Targeting of BUB1 to Stabilize Aberrant Karyotypes of Transformed Cells in Chronic Lymphocytic Leukemia. <i>Cancers</i> , 2019 , 11,	6.6	7
147	Experimental Validation of MicroRNA Targets: Luciferase Reporter Assay. <i>Methods in Molecular Biology</i> , 2019 , 1970, 315-330	1.4	6
146	Experimental Validation of MicroRNA Targets: Mutagenesis of Binding Regions. <i>Methods in Molecular Biology</i> , 2019 , 1970, 331-339	1.4	3
145	Experimental Validation of MicroRNA Targets: Analysis of MicroRNA Targets Through Western Blotting. <i>Methods in Molecular Biology</i> , 2019 , 1970, 341-353	1.4	3
144	isoTar: Consensus Target Prediction with Enrichment Analysis for MicroRNAs Harboring Editing Sites and Other Variations. <i>Methods in Molecular Biology</i> , 2019 , 1970, 211-235	1.4	8
143	Investigating miRNA-lncRNA Interactions: Computational Tools and Resources. <i>Methods in Molecular Biology</i> , 2019 , 1970, 251-277	1.4	18
142	Fhit-Fdxr interaction in the mitochondria: modulation of reactive oxygen species generation and apoptosis in cancer cells. <i>Cell Death and Disease</i> , 2019 , 10, 147	9.8	19
141	Derived from Dedifferentiated Liposarcoma Extracellular Vesicles Induces MMP2 Production from Preadipocytes. <i>Cancer Research</i> , 2019 , 79, 4911-4922	10.1	16
140	Dysregulation of different classes of tRNA fragments in chronic lymphocytic leukemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 24252-24258	11.5	25
139	Identification of tRNA-derived ncRNAs in TCGA and NCI-60 panel cell lines and development of the public database tRFexplorer. <i>Database: the Journal of Biological Databases and Curation</i> , 2019 ,	5	20
138	Ectopic expression of PLC- ζ in non-invasive breast tumor cells plays a protective role against malignant progression and is correlated with the deregulation of miR-146a. <i>Molecular Carcinogenesis</i> , 2019 , 58, 708-721	5	3
137	Noncoding RNA genes in cancer pathogenesis. <i>Advances in Biological Regulation</i> , 2019 , 71, 219-223	6.2	17
136	miR-224 Is Significantly Upregulated and Targets Caspase-3 and Caspase-7 During Colorectal Carcinogenesis. <i>Translational Oncology</i> , 2019 , 12, 282-291	4.9	10
135	WWOX Inhibits Metastasis of Triple-Negative Breast Cancer Cells via Modulation of miRNAs. <i>Cancer Research</i> , 2019 , 79, 1784-1798	10.1	20
134	ncRNA Editing: Functional Characterization and Computational Resources. <i>Methods in Molecular Biology</i> , 2019 , 1912, 133-174	1.4	15
133	Circulating MicromRNAs Predict Survival of Patients with Tumors of Glial Origin. <i>EBioMedicine</i> , 2018 , 30, 105-112	8.8	13
132	Long noncoding RNAs: Undeciphered cellular codes encrypting keys of colorectal cancer pathogenesis. <i>Cancer Letters</i> , 2018 , 417, 89-95	9.9	38

131	TCL1A interacts with TP63 and enhances the survival of Raji Burkitt lymphoma cell line. <i>British Journal of Haematology</i> , 2018 , 183, 509-512	4.5	5
130	RANBP9 affects cancer cells response to genotoxic stress and its overexpression is associated with worse response to platinum in NSCLC patients. <i>Oncogene</i> , 2018 , 37, 6463-6476	9.2	8
129	HIF-1 α promotes autophagic proteolysis of Dicer and enhances tumor metastasis. <i>Journal of Clinical Investigation</i> , 2018 , 128, 625-643	15.9	43
128	Discovery and functional implications of a miR-29b-1/miR-29a cluster polymorphism in acute myeloid leukemia. <i>Oncotarget</i> , 2018 , 9, 4354-4365	3.3	11
127	drives aneuploidy at early stages of cellular transformation. <i>Oncotarget</i> , 2018 , 9, 13036-13047	3.3	9
126	MicroRNA signatures and Foxp3 cell count correlate with relapse occurrence in follicular lymphoma. <i>Oncotarget</i> , 2018 , 9, 19961-19979	3.3	10
125	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
124	Prognostic and Biologic Significance of Transfer RNA-Derived Small RNAs (tsRNAs) Expression in Younger Adult Patients (Pts) with Cytogenetically Normal Acute Myeloid Leukemia (CN-AML). <i>Blood</i> , 2018 , 132, 89-89	2.2	2
123	Knockout of both miR-15/16 loci induces acute myeloid leukemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 13069-13074	11.5	26
122	Human-like hyperplastic prostate with low ZIP1 induced solely by Zn deficiency in rats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E11091-E11100	11.5	14
121	miRNA-mediated TUSC3 deficiency enhances UPR and ERAD to promote metastatic potential of NSCLC. <i>Nature Communications</i> , 2018 , 9, 5110	17.4	22
120	Consensus report of the 8 and 9th Weinman Symposia on Gene x Environment Interaction in carcinogenesis: novel opportunities for precision medicine. <i>Cell Death and Differentiation</i> , 2018 , 25, 1885-1904	12.7	17
119	The TLR7/8/9 Antagonist IMO-8503 Inhibits Cancer-Induced Cachexia. <i>Cancer Research</i> , 2018 , 78, 6680-6690	6.0	20
118	Tissue and exosomal miRNA editing in Non-Small Cell Lung Cancer. <i>Scientific Reports</i> , 2018 , 8, 10222	4.9	22
117	RNA Nanoparticle-Based Targeted Therapy for Glioblastoma through Inhibition of Oncogenic miR-21. <i>Molecular Therapy</i> , 2017 , 25, 1544-1555	11.7	83
116	An Integrated Approach Identifies Mediators of Local Recurrence in Head and Neck Squamous Carcinoma. <i>Clinical Cancer Research</i> , 2017 , 23, 3769-3780	12.9	23
115	MicroRNA Expression in Cancer 2017 , 1-6		
114	Selective targeting of point-mutated KRAS through artificial microRNAs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E4203-E4212	11.5	30

113	Small non-coding RNA and cancer. <i>Carcinogenesis</i> , 2017 , 38, 485-491	4.6	211
112	Exosome-Derived miR-25-3p and miR-92a-3p Stimulate Liposarcoma Progression. <i>Cancer Research</i> , 2017 , 77, 3846-3856	10.1	107
111	Prognostic and biological significance of the proangiogenic factor EGFL7 in acute myeloid leukemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E4641-E4647	11.5	25
110	MicroRNAs in melanoma development and resistance to target therapy. <i>Oncotarget</i> , 2017 , 8, 22262-22278	3.8	74
109	ROR1 expression as a biomarker for predicting prognosis in patients with colorectal cancer. <i>Oncotarget</i> , 2017 , 8, 32864-32872	3.3	29
108	Integration of metabolomics, transcriptomics, and microRNA expression profiling reveals a miR-143-HK2-glucose network underlying zinc-deficiency-associated esophageal neoplasia. <i>Oncotarget</i> , 2017 , 8, 81910-81925	3.3	9
107	dysregulation to identify therapeutic target combinations for chronic lymphocytic leukemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 10731-10736	11.5	31
106	MicroRNAs and Cancer: A Long Story for Short RNAs. <i>Advances in Cancer Research</i> , 2017 , 135, 1-24	5.9	68
105	Role of the tRNA-Derived Small RNAs in Cancer: New Potential Biomarkers and Target for Therapy. <i>Advances in Cancer Research</i> , 2017 , 135, 173-187	5.9	43
104	miR-130a Deregulates PTEN and Stimulates Tumor Growth. <i>Cancer Research</i> , 2017 , 77, 6168-6178	10.1	39
103	Discovery and characterization of the feline miRNAome. <i>Scientific Reports</i> , 2017 , 7, 9263	4.9	7
102	MicroRNAs in intestinal barrier function, inflammatory bowel disease and related cancers-their effects and therapeutic potentials. <i>Current Opinion in Pharmacology</i> , 2017 , 37, 142-150	5.1	40
101	MicroRNA Dysregulation to Identify Novel Therapeutic Targets. <i>Current Topics in Microbiology and Immunology</i> , 2017 , 407, 191-203	3.3	3
100	tsRNA signatures in cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 8071-8076	11.5	131
99	Extracellular Vesicle Biology in the Pathogenesis of Lung Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 196, 1510-1518	10.2	22
98	Comparative expression profiling of testis-enriched genes regulated during the development of spermatogonial cells. <i>PLoS ONE</i> , 2017 , 12, e0175787	3.7	6
97	Determination of absolute expression profiles using multiplexed miRNA analysis. <i>PLoS ONE</i> , 2017 , 12, e0180988	3.7	10
96	Identification of microRNAs implicated in the late differentiation stages of normal B cells suggests a central role for miRNA targets ZEB1 and TP53. <i>Oncotarget</i> , 2017 , 8, 11809-11826	3.3	11

95	Alfred G. Knudson (1922-2016). <i>Nature</i> , 2016 , 536, 397	50.4	2
94	Alterations of mitochondrial biogenesis in chronic lymphocytic leukemia cells with loss of p53. <i>Mitochondrion</i> , 2016 , 31, 33-39	4.9	8
93	ERK Activation Globally Downregulates miRNAs through Phosphorylating Exportin-5. <i>Cancer Cell</i> , 2016 , 30, 723-736	24.3	96
92	The role of MicroRNAs in human cancer. <i>Signal Transduction and Targeted Therapy</i> , 2016 , 1, 15004	21	1022
91	microRNA editing in seed region aligns with cellular changes in hypoxic conditions. <i>Nucleic Acids Research</i> , 2016 , 44, 6298-308	20.1	28
90	Downregulation of miR-15a and miR-16-1 at 13q14 in Chronic Lymphocytic Leukemia. <i>Clinical Chemistry</i> , 2016 , 62, 655-6	5.5	24
89	The Fhit protein: an opportunity to overcome chemoresistance. <i>Aging</i> , 2016 , 8, 3147-3150	5.6	3
88	MicroRNA fingerprints in juvenile myelomonocytic leukemia (JMML) identified miR-150-5p as a tumor suppressor and potential target for treatment. <i>Oncotarget</i> , 2016 , 7, 55395-55408	3.3	21
87	Upregulation of long noncoding RNA MIAT in aggressive form of chronic lymphocytic leukemias. <i>Oncotarget</i> , 2016 , 7, 54174-54182	3.3	60
86	A novel fully human anti-NCL immunorNase for triple-negative breast cancer therapy. <i>Oncotarget</i> , 2016 , 7, 87016-87030	3.3	18
85	Virus-encoded microRNA contributes to the molecular profile of EBV-positive Burkitt lymphomas. <i>Oncotarget</i> , 2016 , 7, 224-40	3.3	28
84	miR-302b enhances breast cancer cell sensitivity to cisplatin by regulating E2F1 and the cellular DNA damage response. <i>Oncotarget</i> , 2016 , 7, 786-97	3.3	56
83	miR-340 predicts glioblastoma survival and modulates key cancer hallmarks through down-regulation of NRAS. <i>Oncotarget</i> , 2016 , 7, 19531-47	3.3	30
82	MicroRNA dysregulation and esophageal cancer development depend on the extent of zinc dietary deficiency. <i>Oncotarget</i> , 2016 , 7, 10723-38	3.3	22
81	MAPK15 upregulation promotes cell proliferation and prevents DNA damage in male germ cell tumors. <i>Oncotarget</i> , 2016 , 7, 20981-98	3.3	21
80	A Fhit-mimetic peptide suppresses annexin A4-mediated chemoresistance to paclitaxel in lung cancer cells. <i>Oncotarget</i> , 2016 , 7, 29927-36	3.3	9
79	Gene-expression profiling of collecting duct carcinoma of the kidney.. <i>Journal of Clinical Oncology</i> , 2016 , 34, 540-540	2.2	
78	MiR-221 promotes stemness of breast cancer cells by targeting DNMT3b. <i>Oncotarget</i> , 2016 , 7, 580-92	3.3	70

77	Commentary on microRNA Fingerprint in Human Epithelial Ovarian Cancer. <i>Cancer Research</i> , 2016 , 76, 6143-6145	10.1	5
76	Novel mechanisms of regulation of miRNAs in CLL. <i>Trends in Cancer</i> , 2016 , 2, 134-143	12.5	18
75	The self-assembly of a camptothecin-lysine nanotube. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 2834-2838	2.9	20
74	Dysregulation of a family of short noncoding RNAs, tsRNAs, in human cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 5071-6	11.5	130
73	Finally, An Apoptosis-Targeting Therapeutic for Cancer. <i>Cancer Research</i> , 2016 , 76, 5914-5920	10.1	84
72	miR-579-3p controls melanoma progression and resistance to target therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E5005-13	11.5	69
71	Noncoding RNA: Current Deep Sequencing Data Analysis Approaches and Challenges. <i>Human Mutation</i> , 2016 , 37, 1283-1298	4.7	58
70	MicroRNA-148a reduces tumorigenesis and increases TRAIL-induced apoptosis in NSCLC. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 8650-5	11.5	79
69	Regulated Expression of miR-155 is Required for iNKT Cell Development. <i>Frontiers in Immunology</i> , 2015 , 6, 140	8.4	19
68	Human anti-nucleolin recombinant immunoagent for cancer therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 9418-23	11.5	45
67	MicroRNA-224 promotes tumor progression in nonsmall cell lung cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E4288-97	11.5	112
66	A set of NF- κ B-regulated microRNAs induces acquired TRAIL resistance in lung cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E3355-64	11.5	60
65	Disruption of miR-29 Leads to Aberrant Differentiation of Smooth Muscle Cells Selectively Associated with Distal Lung Vasculature. <i>PLoS Genetics</i> , 2015 , 11, e1005238	6	46
64	Role of microRNA in chronic lymphocytic leukemia onset and progression. <i>Journal of Hematology and Oncology</i> , 2015 , 8, 12	22.4	48
63	Genetic Manipulation of Homologous Recombination In Vivo Attenuates Intestinal Tumorigenesis. <i>Cancer Prevention Research</i> , 2015 , 8, 650-6	3.2	2
62	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
61	Repression of Esophageal Neoplasia and Inflammatory Signaling by Anti-miR-31 Delivery In Vivo. <i>Journal of the National Cancer Institute</i> , 2015 , 107,	9.7	32
60	miR-15b/16-2 deletion promotes B-cell malignancies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 11636-41	11.5	78

59	Role of microRNAs in maintaining cancer stem cells. <i>Advanced Drug Delivery Reviews</i> , 2015 , 81, 53-61	18.5	94
58	MicroRNA and cancer--a brief overview. <i>Advances in Biological Regulation</i> , 2015 , 57, 1-9	6.2	424
57	The Role of microRNAs in Cancer 2015 , 80-88		2
56	MYC-repressed long noncoding RNAs antagonize MYC-induced cell proliferation and cell cycle progression. <i>Oncotarget</i> , 2015 , 6, 18780-9	3.3	49
55	MicroRNA-224 is implicated in lung cancer pathogenesis through targeting caspase-3 and caspase-7. <i>Oncotarget</i> , 2015 , 6, 21802-15	3.3	59
54	Mechanisms of PD-L1/PD-1-mediated CD8 T-cell dysfunction in the context of aging-related immune defects in the E μ -TCL1 CLL mouse model. <i>Blood</i> , 2015 , 126, 212-21	2.2	82
53	microRNA classifiers are powerful diagnostic/prognostic tools in ALK-, EGFR-, and KRAS-driven lung cancers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 14924-9	11.5	61
52	miRNA clusters as therapeutic targets for hormone-resistant breast cancer. <i>Expert Review of Endocrinology and Metabolism</i> , 2015 , 10, 607-617	4.1	16
51	Role of MYC-regulated long noncoding RNAs in cell cycle regulation and tumorigenesis. <i>Journal of the National Cancer Institute</i> , 2015 , 107,	9.7	114
50	Mutational landscape of gastric adenocarcinoma in Chinese: implications for prognosis and therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 1107-12	11.5	112
49	RNA nanoparticle as a vector for targeted siRNA delivery into glioblastoma mouse model. <i>Oncotarget</i> , 2015 , 6, 14766-76	3.3	68
48	miR-181b as a therapeutic agent for chronic lymphocytic leukemia in the E μ -TCL1 mouse model. <i>Oncotarget</i> , 2015 , 6, 19807-18	3.3	22
47	Quaking and miR-155 interactions in inflammation and leukemogenesis. <i>Oncotarget</i> , 2015 , 6, 24599-610	3.3	32
46	Long noncoding RNA in prostate, bladder, and kidney cancer. <i>European Urology</i> , 2014 , 65, 1140-51	10.2	471
45	Synthetic RNAs for Gene Regulation: Design Principles and Computational Tools. <i>Frontiers in Bioengineering and Biotechnology</i> , 2014 , 2, 65	5.8	23
44	Translocation t(2;11) in CLL cells results in CXCR4/MAML2 fusion oncogene. <i>Blood</i> , 2014 , 124, 259-62	2.2	10
43	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
42	MicroRNA profiles discriminate among colon cancer metastasis. <i>PLoS ONE</i> , 2014 , 9, e96670	3.7	88

41	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
40	FHIT suppresses epithelial-mesenchymal transition (EMT) and metastasis in lung cancer through modulation of microRNAs. <i>PLoS Genetics</i> , 2014 , 10, e1004652	6	46
39	Pluripotent stem cell miRNAs and metastasis in invasive breast cancer. <i>Journal of the National Cancer Institute</i> , 2014 , 106,	9.7	25
38	miR-Synth: a computational resource for the design of multi-site multi-target synthetic miRNAs. <i>Nucleic Acids Research</i> , 2014 , 42, 5416-25	20.1	28
37	MicroRNAs in cancer. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2014 , 9, 287-314	34	1157
36	Corrigendum to [The high mobility group A proteins contribute to thyroid cell transformation by regulating miR-603 and miR-10b expression][Mol. Oncol. 7 (3) (Jan. 2013) 531B42]. <i>Molecular Oncology</i> , 2014 , 8, 159-159	7.9	1
35	MicroRNA-135b promotes cancer progression by acting as a downstream effector of oncogenic pathways in colon cancer. <i>Cancer Cell</i> , 2014 , 25, 469-83	24.3	235
34	MicroRNAs as therapeutic targets in chemoresistance. <i>Drug Resistance Updates</i> , 2013 , 16, 47-59	23.2	116
33	miRNA profiling of cancer. <i>Current Opinion in Genetics and Development</i> , 2013 , 23, 3-11	4.9	322
32	MicroRNAs play a central role in molecular dysfunctions linking inflammation with cancer. <i>Immunological Reviews</i> , 2013 , 253, 167-84	11.3	167
31	Role of miRNAs in the Pathogenesis of Chronic Lymphocytic Leukemia 2013 , 383-401		
30	Oncosuppressive role of p53-induced miR-205 in triple negative breast cancer. <i>Molecular Oncology</i> , 2012 , 6, 458-72	7.9	122
29	Anti-miR-135b in colon cancer treatment: Results from a preclinical study.. <i>Journal of Clinical Oncology</i> , 2012 , 30, 457-457	2.2	2
28	Non-coding RNAs in cancer initiation and progression and as novel biomarkers. <i>Molecular Oncology</i> , 2011 , 5, 483-91	7.9	87
27	p53 regulates epithelial-mesenchymal transition through microRNAs targeting ZEB1 and ZEB2. <i>Journal of Experimental Medicine</i> , 2011 , 208, 875-83	16.6	423
26	miRNAs in the spotlight: Understanding cancer gene dependency. <i>Nature Medicine</i> , 2011 , 17, 935-6	50.5	28
25	Interplay between microRNAs and the epigenetic machinery: an intricate network. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2010 , 1799, 694-701	6	229
24	Downregulation of p53-inducible microRNAs 192, 194, and 215 impairs the p53/MDM2 autoregulatory loop in multiple myeloma development. <i>Cancer Cell</i> , 2010 , 18, 367-81	24.3	356

23	E(mu)-TCL1 mice represent a model for immunotherapeutic reversal of chronic lymphocytic leukemia-induced T-cell dysfunction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 6250-5	11.5	96
22	Role of microRNAs in the pathogenesis of human cancer. <i>Nucleic Acids Symposium Series</i> , 2009 , 53, 25-25		
21	Causes and consequences of microRNA dysregulation in cancer. <i>Nature Reviews Genetics</i> , 2009 , 10, 704-14	14.1	2482
20	Oncogenes and cancer. <i>New England Journal of Medicine</i> , 2008 , 358, 502-11	59.2	722
19	MicroRNAs in diseases and drug response. <i>Current Opinion in Pharmacology</i> , 2008 , 8, 661-7	5.1	62
18	Emerging role of miR-106b-25/miR-17-92 clusters in the control of transforming growth factor beta signaling. <i>Cancer Research</i> , 2008 , 68, 8191-4	10.1	335
17	Identification of metastasis-related microRNAs in hepatocellular carcinoma. <i>Hepatology</i> , 2008 , 47, 897-907	17.2	573
16	Genome wide identification of recessive cancer genes by combinatorial mutation analysis. <i>PLoS ONE</i> , 2008 , 3, e3380	3.7	10
15	Fez1/Lzts1 a new mitotic regulator implicated in cancer development. <i>Cell Division</i> , 2007 , 2, 24	2.8	16
14	MicroRNAs: fundamental facts and involvement in human diseases. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2006 , 78, 180-9		70
13	MicroRNA signatures in human cancers. <i>Nature Reviews Cancer</i> , 2006 , 6, 857-66	31.3	6256
12	Mammalian microRNAs: a small world for fine-tuning gene expression. <i>Mammalian Genome</i> , 2006 , 17, 189-202	3.2	275
11	MicroRNA Function in Human Hematopoiesis: Identification of Lineage- and Stage-Specific Expression Profiles, Pivotal Targets and Regulatory Circuitries.. <i>Blood</i> , 2006 , 108, 1197-1197	2.2	
10	MicroRNAs 155, -221 and -222 Control Megakaryopoiesis at Progenitor and Precursor Level through Ets-1 Multitargeting.. <i>Blood</i> , 2006 , 108, 1187-1187	2.2	
9	MicroRNA Expression and Regulation of Hematopoiesis in CD34+ Cells: A Bioinformatic Circuit Diagram of the Hematopoietic Differentiation Control.. <i>Blood</i> , 2006 , 108, 1334-1334	2.2	
8	miRNAs, cancer, and stem cell division. <i>Cell</i> , 2005 , 122, 6-7	56.2	1156
7	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
6	A mouse model of the fragile gene FHIT: From carcinogenesis to gene therapy and cancer prevention. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2005 , 591, 103-9	3.3	13

5	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
4	MicroRNAs 221 and 222 Inhibit Normal Erythropoiesis and Erythroleukemic Cell Growth Via Kit Receptor Downmodulation.. <i>Blood</i> , 2005 , 106, 830-830	2.2	5
3	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
2	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
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