

# Stefano Volinia

## List of Publications by Year in descending order

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257  
papers

52,856  
citations

3731

89  
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1222

227  
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264  
all docs

264  
docs citations

264  
times ranked

47860  
citing authors

#	ARTICLE	IF	CITATIONS
1	A microRNA expression signature of human solid tumors defines cancer gene targets. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 2257-2261.	7.1	5,220
2	MicroRNA Gene Expression Deregulation in Human Breast Cancer. Cancer Research, 2005, 65, 7065-7070.	0.9	3,719
3	miR-15 and miR-16 induce apoptosis by targeting BCL2. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 13944-13949.	7.1	3,287
4	A MicroRNA Signature Associated with Prognosis and Progression in Chronic Lymphocytic Leukemia. New England Journal of Medicine, 2005, 353, 1793-1801.	27.0	2,255
5	MicroRNA-29 family reverts aberrant methylation in lung cancer by targeting DNA methyltransferases 3A and 3B. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 15805-15810.	7.1	1,538
6	The Structural Basis for 14-3-3:Phosphopeptide Binding Specificity. Cell, 1997, 91, 961-971.	28.9	1,509
7	MicroRNA Signatures in Human Ovarian Cancer. Cancer Research, 2007, 67, 8699-8707.	0.9	1,356
8	The role of microRNA genes in papillary thyroid carcinoma. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 19075-19080.	7.1	1,137
9	MicroRNA Expression Patterns to Differentiate Pancreatic Adenocarcinoma From Normal Pancreas and Chronic Pancreatitis. JAMA - Journal of the American Medical Association, 2007, 297, 1901.	7.4	1,046
10	Pre-B cell proliferation and lymphoblastic leukemia/high-grade lymphoma in E $\mu$ 4-miR155 transgenic mice. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 7024-7029.	7.1	1,023
11	Induced Pluripotent Stem Cells and Embryonic Stem Cells Are Distinguished by Gene Expression Signatures. Cell Stem Cell, 2009, 5, 111-123.	11.1	915
12	Interferon modulation of cellular microRNAs as an antiviral mechanism. Nature, 2007, 449, 919-922.	27.8	827
13	E2F1-Regulated MicroRNAs Impair TGF $\beta$ 2-Dependent Cell-Cycle Arrest and Apoptosis in Gastric Cancer. Cancer Cell, 2008, 13, 272-286.	16.8	818
14	MicroRNA Expression Abnormalities in Pancreatic Endocrine and Acinar Tumors Are Associated With Distinctive Pathologic Features and Clinical Behavior. Journal of Clinical Oncology, 2006, 24, 4677-4684.	1.6	752
15	Relation between microRNA expression and progression and prognosis of gastric cancer: a microRNA expression analysis. Lancet Oncology, The, 2010, 11, 136-146.	10.7	752
16	MiR-15a and miR-16-1 cluster functions in human leukemia. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 5166-5171.	7.1	741
17	The translocation t(8;16)(p11;p13) of acute myeloid leukaemia fuses a putative acetyltransferase to the CREB-binding protein. Nature Genetics, 1996, 14, 33-41.	21.4	740
18	MicroRNA-29b induces global DNA hypomethylation and tumor suppressor gene reexpression in acute myeloid leukemia by targeting directly DNMT3A and 3B and indirectly DNMT1. Blood, 2009, 113, 6411-6418.	1.4	729

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19	Phosphatidylinositol 3-kinase: Structure and expression of the 110 kd catalytic subunit. <i>Cell</i> , 1992, 70, 419-429.	28.9	698
20	Cloning and characterization of a G protein-activated human phosphoinositide-3 kinase. <i>Science</i> , 1995, 269, 690-693.	12.6	687
21	Ultraconserved Regions Encoding ncRNAs Are Altered in Human Leukemias and Carcinomas. <i>Cancer Cell</i> , 2007, 12, 215-229.	16.8	681
22	miR-221 overexpression contributes to liver tumorigenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 264-269.	7.1	679
23	Genomic Profiling of MicroRNA and Messenger RNA Reveals Deregulated MicroRNA Expression in Prostate Cancer. <i>Cancer Research</i> , 2008, 68, 6162-6170.	0.9	661
24	MicroRNA signatures associated with cytogenetics and prognosis in acute myeloid leukemia. <i>Blood</i> , 2008, 111, 3183-3189.	1.4	575
25	Tcl1 Expression in Chronic Lymphocytic Leukemia Is Regulated by <i>miR-29</i> and <i>miR-181</i> . <i>Cancer Research</i> , 2006, 66, 11590-11593.	0.9	568
26	A motif-based profile scanning approach for genome-wide prediction of signaling pathways. <i>Nature Biotechnology</i> , 2001, 19, 348-353.	17.5	509
27	MicroRNAs regulate critical genes associated with multiple myeloma pathogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 12885-12890.	7.1	507
28	A microRNA signature for a BMP2-induced osteoblast lineage commitment program. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 13906-13911.	7.1	503
29	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, 7004-7009.	7.1	491
30	p53 regulates epithelial-mesenchymal transition through microRNAs targeting ZEB1 and ZEB2. <i>Journal of Experimental Medicine</i> , 2011, 208, 875-883.	8.5	480
31	Distinctive microRNA signature of acute myeloid leukemia bearing cytoplasmic mutated nucleophosmin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 3945-3950.	7.1	471
32	Structural Analysis of 14-3-3 Phosphopeptide Complexes Identifies a Dual Role for the Nuclear Export Signal of 14-3-3 in Ligand Binding. <i>Molecular Cell</i> , 1999, 4, 153-166.	9.7	467
33	MicroRNA expression profiling of human metastatic cancers identifies cancer gene targets. <i>Journal of Pathology</i> , 2009, 219, 214-221.	4.5	449
34	MicroRNA 29b functions in acute myeloid leukemia. <i>Blood</i> , 2009, 114, 5331-5341.	1.4	412
35	p110 $\delta$ , a novel phosphoinositide 3-kinase in leukocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 4330-4335.	7.1	403
36	MicroRNA fingerprints during human megakaryocytopoiesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 5078-5083.	7.1	403

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37	The prolyl isomerase Pin1 reveals a mechanism to control p53 functions after genotoxic insults. <i>Nature</i> , 2002, 419, 853-857.	27.8	390
38	Specific microRNAs are downregulated in human thyroid anaplastic carcinomas. <i>Oncogene</i> , 2007, 26, 7590-7595.	5.9	373
39	MicroRNA gene expression during retinoic acid-induced differentiation of human acute promyelocytic leukemia. <i>Oncogene</i> , 2007, 26, 4148-4157.	5.9	351
40	MicroRNA Microarray Identifies <i>Let-7i</i> as a Novel Biomarker and Therapeutic Target in Human Epithelial Ovarian Cancer. <i>Cancer Research</i> , 2008, 68, 10307-10314.	0.9	343
41	miRNA Signatures Associate with Pathogenesis and Progression of Osteosarcoma. <i>Cancer Research</i> , 2012, 72, 1865-1877.	0.9	341
42	Breast cancer signatures for invasiveness and prognosis defined by deep sequencing of microRNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 3024-3029.	7.1	334
43	Reprogramming of miRNA networks in cancer and leukemia. <i>Genome Research</i> , 2010, 20, 589-599.	5.5	331
44	Modulation of mismatch repair and genomic stability by miR-155. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 6982-6987.	7.1	306
45	MicroRNA Cluster 221-222 and Estrogen Receptor $\beta$ Interactions in Breast Cancer. <i>Journal of the National Cancer Institute</i> , 2010, 102, 706-721.	6.3	301
46	Role of microRNA-155 at early stages of hepatocarcinogenesis induced by choline-deficient and amino acid-defined diet in C57BL/6 mice. <i>Hepatology</i> , 2009, 50, 1152-1161.	7.3	274
47	MicroRNA expression profiling using microarrays. <i>Nature Protocols</i> , 2008, 3, 563-578.	12.0	264
48	Epigenetically Deregulated microRNA-375 Is Involved in a Positive Feedback Loop with Estrogen Receptor $\beta$ in Breast Cancer Cells. <i>Cancer Research</i> , 2010, 70, 9175-9184.	0.9	260
49	Cloning of a human phosphoinositide 3-kinase with a C2 domain that displays reduced sensitivity to the inhibitor wortmannin. <i>Biochemical Journal</i> , 1997, 326, 139-147.	3.7	228
50	Mutator activity induced by microRNA-155 ( <i>miR-155</i> ) links inflammation and cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 4908-4913.	7.1	226
51	Resveratrol modulates the levels of microRNAs targeting genes encoding tumor-suppressors and effectors of TGF $\beta$ signaling pathway in SW480 cells. <i>Biochemical Pharmacology</i> , 2010, 80, 2057-2065.	4.4	221
52	Expression and prognostic impact of lncRNAs in acute myeloid leukemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 18679-18684.	7.1	214
53	Epstein-Barr Virus-Induced miR-155 Attenuates NF- $\kappa$ B Signaling and Stabilizes Latent Virus Persistence. <i>Journal of Virology</i> , 2008, 82, 10436-10443.	3.4	207
54	microRNA fingerprinting of CLL patients with chromosome 17p deletion identify a miR-21 score that stratifies early survival. <i>Blood</i> , 2010, 116, 945-952.	1.4	200

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55	PP2A-activating drugs selectively eradicate TKI-resistant chronic myeloid leukemic stem cells. Journal of Clinical Investigation, 2013, 123, 4144-4157.	8.2	192
56	Karyotype-specific microRNA signature in chronic lymphocytic leukemia. Blood, 2009, 114, 3872-3879.	1.4	179
57	A microRNA signature defines chemoresistance in ovarian cancer through modulation of angiogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 9845-9850.	7.1	176
58	Spectrum of hemojuvelin gene mutations in 1q-linked juvenile hemochromatosis. Blood, 2004, 103, 4317-4321.	1.4	167
59	Chronic lymphocytic leukemia modeled in mouse by targeted <i>miR-29</i> expression. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 12210-12215.	7.1	167
60	Clinical Role of microRNAs in Cytogenetically Normal Acute Myeloid Leukemia: <i>miR-155</i> Upregulation Independently Identifies High-Risk Patients. Journal of Clinical Oncology, 2013, 31, 2086-2093.	1.6	165
61	MSC-Regulated MicroRNAs Converge on the Transcription Factor FOXP2 and Promote Breast Cancer Metastasis. Cell Stem Cell, 2014, 15, 762-774.	11.1	155
62	Prognostic microRNA/mRNA signature from the integrated analysis of patients with invasive breast cancer. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 7413-7417.	7.1	149
63	Skin homing of Selyary cells involves SDF-1-CXCR4 signaling and down-regulation of CD26/dipeptidylpeptidase IV. Blood, 2006, 107, 1108-1115.	1.4	148
64	Insulin growth factor signaling is regulated by microRNA-486, an underexpressed microRNA in lung cancer. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 15043-15048.	7.1	143
65	Characterization of a phosphatidylinositol-specific phosphoinositide 3-kinase from mammalian cells. Current Biology, 1994, 4, 203-214.	3.9	138
66	Epigenetics Meets Genetics in Acute Myeloid Leukemia: Clinical Impact of a Novel Seven-Gene Score. Journal of Clinical Oncology, 2014, 32, 548-556.	1.6	134
67	The WWOX Tumor Suppressor Is Essential for Postnatal Survival and Normal Bone Metabolism. Journal of Biological Chemistry, 2008, 283, 21629-21639.	3.4	132
68	Aberrant regulation of pVHL levels by microRNA promotes the HIF/VEGF axis in CLL B cells. Blood, 2009, 113, 5568-5574.	1.4	129
69	A methodology for the combined in situ analyses of the precursor and mature forms of microRNAs and correlation with their putative targets. Nature Protocols, 2009, 4, 107-115.	12.0	122
70	Unique MicroRNA Profile in End-stage Heart Failure Indicates Alterations in Specific Cardiovascular Signaling Networks. Journal of Biological Chemistry, 2009, 284, 27487-27499.	3.4	121
71	<i>miR-155</i> targets histone deacetylase 4 (HDAC4) and impairs transcriptional activity of B-cell lymphoma 6 (BCL6) in the E $\mu$ - <i>miR-155</i> transgenic mouse model. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 20047-20052.	7.1	121
72	In vivo NCL targeting affects breast cancer aggressiveness through <i>miRNA</i> regulation. Journal of Experimental Medicine, 2013, 210, 951-968.	8.5	121

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73	Human Phosphoinositide 3-Kinase C2 <sup>12</sup> , the Role of Calcium and the C2 Domain in Enzyme Activity. Journal of Biological Chemistry, 1998, 273, 33082-33090.	3.4	116
74	miR-181b is a biomarker of disease progression in chronic lymphocytic leukemia. Blood, 2011, 118, 3072-3079.	1.4	115
75	The different epidemiologic subtypes of Burkitt lymphoma share a homogenous micro RNA profile distinct from diffuse large B-cell lymphoma. Leukemia, 2011, 25, 1869-1876.	7.2	110
76	Molecular Cloning, cDNA Sequence, and Chromosomal Localization of the Human Phosphatidylinositol 3-Kinase p110 $\alpha$ (PIK3CA) Gene. Genomics, 1994, 24, 472-477.	2.9	107
77	Heterogeneity in Circulating Tumor Cells: The Relevance of the Stem-Cell Subset. Cancers, 2019, 11, 483.	3.7	107
78	MicroRNA expression profiling of male breast cancer. Breast Cancer Research, 2009, 11, R58.	5.0	103
79	MicroRNA expression profiling in human Barrett's carcinogenesis. International Journal of Cancer, 2011, 129, 1661-1670.	5.1	100
80	MicroRNA Profiles Discriminate among Colon Cancer Metastasis. PLoS ONE, 2014, 9, e96670.	2.5	99
81	MicroRNA-31 Predicts the Presence of Lymph Node Metastases and Survival in Patients with Lung Adenocarcinoma. Clinical Cancer Research, 2013, 19, 5423-5433.	7.0	98
82	A Type II Phosphoinositide 3-Kinase Is Stimulated via Activated Integrin in Platelets. Journal of Biological Chemistry, 1998, 273, 14081-14084.	3.4	97
83	Non-coding RNAs: a key to future personalized molecular therapy?. Genome Medicine, 2010, 2, 12.	8.2	97
84	The down-regulation of miR-125b in chronic lymphocytic leukemias leads to metabolic adaptation of cells to a transformed state. Blood, 2012, 120, 2631-2638.	1.4	97
85	The Network of Non-coding RNAs in Cancer Drug Resistance. Frontiers in Oncology, 2018, 8, 327.	2.8	96
86	Targeted Ablation of the WW Domain-Containing Oxidoreductase Tumor Suppressor Leads to Impaired Steroidogenesis. Endocrinology, 2009, 150, 1530-1535.	2.8	94
87	A Role for the WWOX Gene in Prostate Cancer. Cancer Research, 2006, 66, 6477-6481.	0.9	92
88	Zirconium oxide: analysis of MG63 osteoblast-like cell response by means of a microarray technology. Biomaterials, 2004, 25, 215-228.	11.4	89
89	Physical maps of 4p16.3, the area expected to contain the Huntington disease mutation. Genomics, 1990, 6, 1-15.	2.9	87
90	Construction of aNotI linking library and isolation of new markers close to the Huntington's disease gene. Nucleic Acids Research, 1988, 16, 9185-9198.	14.5	77

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91	The miR-17 <sup>1/4</sup> 92 family regulates the response to Toll-like receptor 9 triggering of CLL cells with unmutated IGHV genes. <i>Leukemia</i> , 2012, 26, 1584-1593.	7.2	77
92	MicroRNA Expression Signatures in Solid Malignancies. <i>Cancer Journal (Sudbury, Mass )</i> , 2012, 18, 238-243.	2.0	72
93	Identification of a risk dependent microRNA expression signature in myelodysplastic syndromes. <i>British Journal of Haematology</i> , 2011, 153, 24-32.	2.5	70
94	Effect of Rapamycin on Mouse Chronic Lymphocytic Leukemia and the Development of Nonhematopoietic Malignancies in E <sup>1/4</sup> -TCL1 Transgenic Mice. <i>Cancer Research</i> , 2006, 66, 915-920.	0.9	69
95	B-cell malignancies in microRNA E <sup>1/4</sup> -miR-17 <sup>1/4</sup> 92 transgenic mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 18208-18213.	7.1	69
96	Prognostic and biologic significance of DNMT3B expression in older patients with cytogenetically normal primary acute myeloid leukemia. <i>Leukemia</i> , 2015, 29, 567-575.	7.2	69
97	miR-21 and miR-155 are associated with mitotic activity and lesion depth of borderline melanocytic lesions. <i>British Journal of Cancer</i> , 2011, 105, 1023-1029.	6.4	67
98	Protumorigenic effects of mir-145 loss in malignant pleural mesothelioma. <i>Oncogene</i> , 2014, 33, 5319-5331.	5.9	67
99	Loss of miR-125b-1 contributes to head and neck cancer development by dysregulating TACSTD2 and MAPK pathway. <i>Oncogene</i> , 2014, 33, 702-712.	5.9	65
100	Transcription signatures encoded by ultraconserved genomic regions in human prostate cancer. <i>Molecular Cancer</i> , 2013, 12, 13.	19.2	63
101	Fhit modulation of the Akt-survivin pathway in lung cancer cells: Fhit-tyrosine 114 (Y114) is essential. <i>Oncogene</i> , 2006, 25, 2860-2872.	5.9	62
102	Comparison of MicroRNA Deep Sequencing of Matched Formalin-Fixed Paraffin-Embedded and Fresh Frozen Cancer Tissues. <i>PLoS ONE</i> , 2013, 8, e64393.	2.5	62
103	Titanium-cell interaction: Analysis of gene expression profiling. <i>Journal of Biomedical Materials Research Part B</i> , 2003, 66B, 341-346.	3.1	60
104	A MiRNA Signature for Defining Aggressive Phenotype and Prognosis in Gliomas. <i>PLoS ONE</i> , 2014, 9, e108950.	2.5	60
105	Suppression of MicroRNA-9 by Mutant EGFR Signaling Upregulates FOXP1 to Enhance Glioblastoma Tumorigenicity. <i>Cancer Research</i> , 2014, 74, 1429-1439.	0.9	59
106	miR-27a and miR-27a* contribute to metastatic properties of osteosarcoma cells. <i>Oncotarget</i> , 2015, 6, 4920-4935.	1.8	58
107	Strong Inverse Correlation Between MicroRNA-125b and Human Papillomavirus DNA in Productive Infection. <i>Diagnostic Molecular Pathology</i> , 2010, 19, 135-143.	2.1	56
108	Down-regulation of homeobox genes <i>MEIS1</i> and <i>HOXA</i> in <i>MLL</i> -rearranged acute leukemia impairs engraftment and reduces proliferation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 7956-7961.	7.1	56



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109	TOM: a web-based integrated approach for identification of candidate disease genes. <i>Nucleic Acids Research</i> , 2006, 34, W285-W292.	14.5	55
110	Functional implications of microRNAs in acute myeloid leukemia by integrating microRNA and messenger RNA expression profiling. <i>Cancer</i> , 2011, 117, 4696-4706.	4.1	55
111	Toll-like receptor 3 (TLR3) activation induces microRNA-dependent reexpression of functional RAR $\beta$ and tumor regression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 9812-9817.	7.1	53
112	Selected MicroRNAs Define Cell Fate Determination of Murine Central Memory CD8 T Cells. <i>PLoS ONE</i> , 2010, 5, e11243.	2.5	52
113	Onconase mediated NFK $\beta$ downregulation in malignant pleural mesothelioma. <i>Oncogene</i> , 2011, 30, 2767-2777.	5.9	52
114	Expression and functional relevance of long non-coding RNAs in acute myeloid leukemia stem cells. <i>Leukemia</i> , 2019, 33, 2169-2182.	7.2	52
115	SPARC promotes leukemic cell growth and predicts acute myeloid leukemia outcome. <i>Journal of Clinical Investigation</i> , 2014, 124, 1512-1524.	8.2	52
116	A stem cell-like gene expression signature associates with inferior outcomes and a distinct microRNA expression profile in adults with primary cytogenetically normal acute myeloid leukemia. <i>Leukemia</i> , 2013, 27, 2023-2031.	7.2	50
117	Nuclear association of tyrosine-phosphorylated Vav to phospholipase C- $\beta$ 31 and phosphoinositide 3-kinase during granulocytic differentiation of HL-60 cells. <i>FEBS Letters</i> , 1998, 441, 480-484.	2.8	48
118	Analysis of MG63 osteoblastic-cell response to a new nanoporous implant surface by means of a microarray technology. <i>Clinical Oral Implants Research</i> , 2004, 15, 180-186.	4.5	48
119	Reovirus-associated reduction of microRNA-let-7d is related to the increased apoptotic death of cancer cells in clinical samples. <i>Modern Pathology</i> , 2012, 25, 1333-1344.	5.5	48
120	SNPs and Somatic Mutation on Long Non-Coding RNA: New Frontier in the Cancer Studies?. <i>High-Throughput</i> , 2018, 7, 34.	4.4	48
121	Screen for MicroRNA and Drug Interactions in Breast Cancer Cell Lines Points to miR-126 as a Modulator of CDK4/6 and PIK3CA Inhibitors. <i>Frontiers in Genetics</i> , 2018, 9, 174.	2.3	46
122	GAS6 expression identifies high-risk adult AML patients: potential implications for therapy. <i>Leukemia</i> , 2014, 28, 1252-1258.	7.2	45
123	Identification of novel posttranscriptional targets of the BCR/ABL oncoprotein by ribonomics: requirement of E2F3 for BCR/ABL leukemogenesis. <i>Blood</i> , 2008, 111, 816-828.	1.4	44
124	Zinc Replenishment Reverses Overexpression of the Proinflammatory Mediator S100A8 and Esophageal Preneoplasia in the Rat. <i>Gastroenterology</i> , 2009, 136, 953-966.	1.3	44
125	Implications of the miR-10 family in chemotherapy response of NPM1-mutated AML. <i>Blood</i> , 2014, 123, 2412-2415.	1.4	43
126	Serum miR-29a Is Upregulated in Acute Graft-versus-Host Disease and Activates Dendritic Cells through TLR Binding. <i>Journal of Immunology</i> , 2017, 198, 2500-2512.	0.8	43



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127	Aptamer-miR-34c Conjugate Affects Cell Proliferation of Non-Small-Cell Lung Cancer Cells. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 13, 334-346.	5.1	43
128	Presence and Activation of Nuclear Phosphoinositide 3-Kinase C2 <sup>2</sup> during Compensatory Liver Growth. <i>Journal of Biological Chemistry</i> , 2001, 276, 17754-17761.	3.4	42
129	Fragile histidine triad protein, WW domain-containing oxidoreductase protein Wwox, and activator protein 2 <sup>3</sup> expression levels correlate with basal phenotype in breast cancer. <i>Cancer</i> , 2009, 115, 899-908.	4.1	41
130	GOAL: automated Gene Ontology analysis of expression profiles. <i>Nucleic Acids Research</i> , 2004, 32, W492-W499.	14.5	40
131	P253R fibroblast growth factor receptor-2 mutation induces RUNX2 transcript variants and calvarial osteoblast differentiation. <i>Journal of Cellular Physiology</i> , 2005, 202, 524-535.	4.1	39
132	Identification of microRNA activity by Targets' Reverse EXpression. <i>Bioinformatics</i> , 2010, 26, 91-97.	4.1	39
133	inv(16)/t(16;16) acute myeloid leukemia with non-type A CBFB-MYH11 fusions associate with distinct clinical and genetic features and lack KIT mutations. <i>Blood</i> , 2013, 121, 385-391.	1.4	39
134	UCbase & miRfunc: a database of ultraconserved sequences and microRNA function. <i>Nucleic Acids Research</i> , 2009, 37, D41-D48.	14.5	38
135	WWOX and p53 Dysregulation Synergize to Drive the Development of Osteosarcoma. <i>Cancer Research</i> , 2016, 76, 6107-6117.	0.9	38
136	Pluripotent Stem Cell miRNAs and Metastasis in Invasive Breast Cancer. <i>Journal of the National Cancer Institute</i> , 2014, 106, .	6.3	37
137	Quaking and miR-155 interactions in inflammation and leukemogenesis. <i>Oncotarget</i> , 2015, 6, 24599-24610.	1.8	37
138	Identification of differentially expressed genes in human salivary gland tumors by DNA microarrays. <i>Molecular Cancer Therapeutics</i> , 2002, 1, 533-8.	4.1	37
139	The activation of nuclear phosphoinositide 3-kinase C2 <sup>2</sup> in all-trans-retinoic acid-differentiated HL-60 cells. <i>FEBS Letters</i> , 2002, 529, 268-274.	2.8	36
140	Overexpression of miR-9 in mast cells is associated with invasive behavior and spontaneous metastasis. <i>BMC Cancer</i> , 2014, 14, 84.	2.6	36
141	The network of non-coding RNAs and their molecular targets in breast cancer. <i>Molecular Cancer</i> , 2020, 19, 61.	19.2	36
142	Transcribed ultraconserved noncoding RNAs (T-UCR) are involved in Barrett's esophagus carcinogenesis. <i>Oncotarget</i> , 2014, 5, 7162-7171.	1.8	35
143	Nuclear phosphoinositide 3-kinase C2 <sup>2</sup> activation during G2/M phase of the cell cycle in HL-60 cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2003, 1631, 61-71.	2.4	34
144	Microevolution in Ferrara: Isonymy 1890-1990. <i>Annals of Human Biology</i> , 1992, 19, 371-385.	1.0	33

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145	GAM/ZFP/ZNF512B is central to a gene sensor circuitry involving cell-cycle regulators, TGF $\beta$ 2 effectors, Drosha and microRNAs with opposite oncogenic potentials. <i>Nucleic Acids Research</i> , 2010, 38, 7673-7688.	14.5	32
146	MicroRNA Expression Profiling in the Histological Subtypes of Barrett's Metaplasia. <i>Clinical and Translational Gastroenterology</i> , 2013, 4, e34.	2.5	32
147	A large scale expression study associates uc.283-plus lncRNA with pluripotent stem cells and human glioma. <i>Genome Medicine</i> , 2014, 6, 76.	8.2	32
148	Gene Expression Analysis in HBV Transgenic Mouse Liver: A Model to Study Early Events Related to Hepatocarcinogenesis. <i>Molecular Medicine</i> , 2006, 12, 115-123.	4.4	31
149	miR-129-5p: A key factor and therapeutic target in amyotrophic lateral sclerosis. <i>Progress in Neurobiology</i> , 2020, 190, 101803.	5.7	31
150	Altered expression of selected microRNAs in melanoma: Antiproliferative and proapoptotic activity of miRNA-155. <i>International Journal of Oncology</i> , 2009, , .	3.3	30
151	Profiling of the Predicted Circular RNAs in Ductal In Situ and Invasive Breast Cancer: A Pilot Study. <i>International Journal of Genomics</i> , 2016, 2016, 1-7.	1.6	30
152	A KRAS-responsive long non-coding RNA controls microRNA processing. <i>Nature Communications</i> , 2021, 12, 2038.	12.8	30
153	An expression atlas of connexin genes in the mouse. <i>Genomics</i> , 2004, 83, 812-820.	2.9	29
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