

Stefano Volinia

List of Publications by Year in descending order

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257
papers

52,856
citations

3721

89
h-index

1216

227
g-index

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.	3.3	5,220
2	MicroRNA Gene Expression Deregulation in Human Breast Cancer. Cancer Research, 2005, 65, 7065-7070.	0.4	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.	3.3	3,287
4	A MicroRNA Signature Associated with Prognosis and Progression in Chronic Lymphocytic Leukemia. New England Journal of Medicine, 2005, 353, 1793-1801.	13.9	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.	3.3	1,538
6	The Structural Basis for 14-3-3:Phosphopeptide Binding Specificity. Cell, 1997, 91, 961-971.	13.5	1,509
7	MicroRNA Signatures in Human Ovarian Cancer. Cancer Research, 2007, 67, 8699-8707.	0.4	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.	3.3	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.	3.8	1,046
10	Pre-B cell proliferation and lymphoblastic leukemia/high-grade lymphoma in E μ -miR155 transgenic mice. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 7024-7029.	3.3	1,023
11	Induced Pluripotent Stem Cells and Embryonic Stem Cells Are Distinguished by Gene Expression Signatures. Cell Stem Cell, 2009, 5, 111-123.	5.2	915
12	Interferon modulation of cellular microRNAs as an antiviral mechanism. Nature, 2007, 449, 919-922.	13.7	827
13	E2F1-Regulated MicroRNAs Impair TGF β 2-Dependent Cell-Cycle Arrest and Apoptosis in Gastric Cancer. Cancer Cell, 2008, 13, 272-286.	7.7	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.	0.8	752
15	Relation between microRNA expression and progression and prognosis of gastric cancer: a microRNA expression analysis. Lancet Oncology, The, 2010, 11, 136-146.	5.1	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.	3.3	741
17	The translocation t(8;16)(p11;p13) of acute myeloid leukaemia fuses a putative acetyltransferase to the CREB β binding protein. Nature Genetics, 1996, 14, 33-41.	9.4	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.	0.6	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.	13.5	698
20	Cloning and characterization of a G protein-activated human phosphoinositide-3 kinase. <i>Science</i> , 1995, 269, 690-693.	6.0	687
21	Ultraconserved Regions Encoding ncRNAs Are Altered in Human Leukemias and Carcinomas. <i>Cancer Cell</i> , 2007, 12, 215-229.	7.7	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.	3.3	679
23	Genomic Profiling of MicroRNA and Messenger RNA Reveals Deregulated MicroRNA Expression in Prostate Cancer. <i>Cancer Research</i> , 2008, 68, 6162-6170.	0.4	661
24	MicroRNA signatures associated with cytogenetics and prognosis in acute myeloid leukemia. <i>Blood</i> , 2008, 111, 3183-3189.	0.6	575
25	Tcl1 Expression in Chronic Lymphocytic Leukemia Is Regulated by miR-29 and miR-181. <i>Cancer Research</i> , 2006, 66, 11590-11593.	0.4	568
26	A motif-based profile scanning approach for genome-wide prediction of signaling pathways. <i>Nature Biotechnology</i> , 2001, 19, 348-353.	9.4	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.	3.3	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.	3.3	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.	3.3	491
30	p53 regulates epithelial-to-mesenchymal transition through microRNAs targeting ZEB1 and ZEB2. <i>Journal of Experimental Medicine</i> , 2011, 208, 875-883.	4.2	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.	3.3	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.	4.5	467
33	MicroRNA expression profiling of human metastatic cancers identifies cancer gene targets. <i>Journal of Pathology</i> , 2009, 219, 214-221.	2.1	449
34	MicroRNA 29b functions in acute myeloid leukemia. <i>Blood</i> , 2009, 114, 5331-5341.	0.6	412
35	p110 β , 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.	3.3	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.	3.3	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.	13.7	390
38	Specific microRNAs are downregulated in human thyroid anaplastic carcinomas. <i>Oncogene</i> , 2007, 26, 7590-7595.	2.6	373
39	MicroRNA gene expression during retinoic acid-induced differentiation of human acute promyelocytic leukemia. <i>Oncogene</i> , 2007, 26, 4148-4157.	2.6	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.	0.4	343
41	miRNA Signatures Associate with Pathogenesis and Progression of Osteosarcoma. <i>Cancer Research</i> , 2012, 72, 1865-1877.	0.4	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.	3.3	334
43	Reprogramming of miRNA networks in cancer and leukemia. <i>Genome Research</i> , 2010, 20, 589-599.	2.4	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.	3.3	306
45	MicroRNA Cluster 221-222 and Estrogen Receptor β Interactions in Breast Cancer. <i>Journal of the National Cancer Institute</i> , 2010, 102, 706-721.	3.0	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.	3.6	274
47	MicroRNA expression profiling using microarrays. <i>Nature Protocols</i> , 2008, 3, 563-578.	5.5	264
48	Epigenetically Deregulated microRNA-375 Is Involved in a Positive Feedback Loop with Estrogen Receptor β in Breast Cancer Cells. <i>Cancer Research</i> , 2010, 70, 9175-9184.	0.4	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.	1.7	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.	3.3	226
51	Resveratrol modulates the levels of microRNAs targeting genes encoding tumor-suppressors and effectors of TGF β signaling pathway in SW480 cells. <i>Biochemical Pharmacology</i> , 2010, 80, 2057-2065.	2.0	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.	3.3	214
53	Epstein-Barr Virus-Induced miR-155 Attenuates NF- κ B Signaling and Stabilizes Latent Virus Persistence. <i>Journal of Virology</i> , 2008, 82, 10436-10443.	1.5	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.	0.6	200

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55	PP2A-activating drugs selectively eradicate TKI-resistant chronic myeloid leukemic stem cells. <i>Journal of Clinical Investigation</i> , 2013, 123, 4144-4157.	3.9	192
56	Karyotype-specific microRNA signature in chronic lymphocytic leukemia. <i>Blood</i> , 2009, 114, 3872-3879.	0.6	179
57	A microRNA signature defines chemoresistance in ovarian cancer through modulation of angiogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 9845-9850.	3.3	176
58	Spectrum of hemojuvelin gene mutations in 1q-linked juvenile hemochromatosis. <i>Blood</i> , 2004, 103, 4317-4321.	0.6	167
59	Chronic lymphocytic leukemia modeled in mouse by targeted <i>miR-29</i> expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 12210-12215.	3.3	167
60	Clinical Role of microRNAs in Cytogenetically Normal Acute Myeloid Leukemia: <i>miR-155</i> Upregulation Independently Identifies High-Risk Patients. <i>Journal of Clinical Oncology</i> , 2013, 31, 2086-2093.	0.8	165
61	MSC-Regulated MicroRNAs Converge on the Transcription Factor FOXP2 and Promote Breast Cancer Metastasis. <i>Cell Stem Cell</i> , 2014, 15, 762-774.	5.2	155
62	Prognostic microRNA/mRNA signature from the integrated analysis of patients with invasive breast cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 7413-7417.	3.3	149
63	Skin homing of Sezary cells involves SDF-1-CXCR4 signaling and down-regulation of CD26/dipeptidylpeptidase IV. <i>Blood</i> , 2006, 107, 1108-1115.	0.6	148
64	Insulin growth factor signaling is regulated by microRNA-486, an underexpressed microRNA in lung cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 15043-15048.	3.3	143
65	Characterization of a phosphatidylinositol-specific phosphoinositide 3-kinase from mammalian cells. <i>Current Biology</i> , 1994, 4, 203-214.	1.8	138
66	Epigenetics Meets Genetics in Acute Myeloid Leukemia: Clinical Impact of a Novel Seven-Gene Score. <i>Journal of Clinical Oncology</i> , 2014, 32, 548-556.	0.8	134
67	The WWOX Tumor Suppressor Is Essential for Postnatal Survival and Normal Bone Metabolism. <i>Journal of Biological Chemistry</i> , 2008, 283, 21629-21639.	1.6	132
68	Aberrant regulation of pVHL levels by microRNA promotes the HIF/VEGF axis in CLL B cells. <i>Blood</i> , 2009, 113, 5568-5574.	0.6	129
69	A methodology for the combined in situ analyses of the precursor and mature forms of microRNAs and correlation with their putative targets. <i>Nature Protocols</i> , 2009, 4, 107-115.	5.5	122
70	Unique MicroRNA Profile in End-stage Heart Failure Indicates Alterations in Specific Cardiovascular Signaling Networks. <i>Journal of Biological Chemistry</i> , 2009, 284, 27487-27499.	1.6	121
71	<i>miR-155</i> targets histone deacetylase 4 (HDAC4) and impairs transcriptional activity of B-cell lymphoma 6 (BCL6) in the E μ - <i>miR-155</i> transgenic mouse model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 20047-20052.	3.3	121
72	In vivo NCL targeting affects breast cancer aggressiveness through miRNA regulation. <i>Journal of Experimental Medicine</i> , 2013, 210, 951-968.	4.2	121

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73	Human Phosphoinositide 3-Kinase C2 ¹ , the Role of Calcium and the C2 Domain in Enzyme Activity. <i>Journal of Biological Chemistry</i> , 1998, 273, 33082-33090.	1.6	116
74	miR-181b is a biomarker of disease progression in chronic lymphocytic leukemia. <i>Blood</i> , 2011, 118, 3072-3079.	0.6	115
75	The different epidemiologic subtypes of Burkitt lymphoma share a homogenous micro RNA profile distinct from diffuse large B-cell lymphoma. <i>Leukemia</i> , 2011, 25, 1869-1876.	3.3	110
76	Molecular Cloning, cDNA Sequence, and Chromosomal Localization of the Human Phosphatidylinositol 3-Kinase p110 α (PIK3CA) Gene. <i>Genomics</i> , 1994, 24, 472-477.	1.3	107
77	Heterogeneity in Circulating Tumor Cells: The Relevance of the Stem-Cell Subset. <i>Cancers</i> , 2019, 11, 483.	1.7	107
78	MicroRNA expression profiling of male breast cancer. <i>Breast Cancer Research</i> , 2009, 11, R58.	2.2	103
79	MicroRNA expression profiling in human Barrett's carcinogenesis. <i>International Journal of Cancer</i> , 2011, 129, 1661-1670.	2.3	100
80	MicroRNA Profiles Discriminate among Colon Cancer Metastasis. <i>PLoS ONE</i> , 2014, 9, e96670.	1.1	99
81	MicroRNA-31 Predicts the Presence of Lymph Node Metastases and Survival in Patients with Lung Adenocarcinoma. <i>Clinical Cancer Research</i> , 2013, 19, 5423-5433.	3.2	98
82	A Type II Phosphoinositide 3-Kinase Is Stimulated via Activated Integrin in Platelets. <i>Journal of Biological Chemistry</i> , 1998, 273, 14081-14084.	1.6	97
83	Non-coding RNAs: a key to future personalized molecular therapy?. <i>Genome Medicine</i> , 2010, 2, 12.	3.6	97
84	The down-regulation of miR-125b in chronic lymphocytic leukemias leads to metabolic adaptation of cells to a transformed state. <i>Blood</i> , 2012, 120, 2631-2638.	0.6	97
85	The Network of Non-coding RNAs in Cancer Drug Resistance. <i>Frontiers in Oncology</i> , 2018, 8, 327.	1.3	96
86	Targeted Ablation of the WW Domain-Containing Oxidoreductase Tumor Suppressor Leads to Impaired Steroidogenesis. <i>Endocrinology</i> , 2009, 150, 1530-1535.	1.4	94
87	A Role for the WWOX Gene in Prostate Cancer. <i>Cancer Research</i> , 2006, 66, 6477-6481.	0.4	92
88	Zirconium oxide: analysis of MG63 osteoblast-like cell response by means of a microarray technology. <i>Biomaterials</i> , 2004, 25, 215-228.	5.7	89
89	Physical maps of 4p16.3, the area expected to contain the Huntington disease mutation. <i>Genomics</i> , 1990, 6, 1-15.	1.3	87
90	Construction of aNotI linking library and isolation of new markers close to the Huntington's disease gene. <i>Nucleic Acids Research</i> , 1988, 16, 9185-9198.	6.5	77

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91	The miR-17 ^{~1} /492 family regulates the response to Toll-like receptor 9 triggering of CLL cells with unmutated IGHV genes. <i>Leukemia</i> , 2012, 26, 1584-1593.	3.3	77
92	MicroRNA Expression Signatures in Solid Malignancies. <i>Cancer Journal (Sudbury, Mass)</i> , 2012, 18, 238-243.	1.0	72
93	Identification of a risk dependent microRNA expression signature in myelodysplastic syndromes. <i>British Journal of Haematology</i> , 2011, 153, 24-32.	1.2	70
94	Effect of Rapamycin on Mouse Chronic Lymphocytic Leukemia and the Development of Nonhematopoietic Malignancies in E ¹ /4-TCL1 Transgenic Mice. <i>Cancer Research</i> , 2006, 66, 915-920.	0.4	69
95	B-cell malignancies in microRNA E ¹ /4-miR-17 ^{~1} /492 transgenic mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 18208-18213.	3.3	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.	3.3	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.	2.9	67
98	Protumorigenic effects of mir-145 loss in malignant pleural mesothelioma. <i>Oncogene</i> , 2014, 33, 5319-5331.	2.6	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.	2.6	65
100	Transcription signatures encoded by ultraconserved genomic regions in human prostate cancer. <i>Molecular Cancer</i> , 2013, 12, 13.	7.9	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.	2.6	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.	1.1	62
103	Titanium-cell interaction: Analysis of gene expression profiling. <i>Journal of Biomedical Materials Research Part B</i> , 2003, 66B, 341-346.	3.0	60
104	A MiRNA Signature for Defining Aggressive Phenotype and Prognosis in Gliomas. <i>PLoS ONE</i> , 2014, 9, e108950.	1.1	60
105	Suppression of MicroRNA-9 by Mutant EGFR Signaling Upregulates FOXP1 to Enhance Glioblastoma Tumorigenicity. <i>Cancer Research</i> , 2014, 74, 1429-1439.	0.4	59
106	miR-27a and miR-27a* contribute to metastatic properties of osteosarcoma cells. <i>Oncotarget</i> , 2015, 6, 4920-4935.	0.8	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.	3.3	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.	6.5	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.	2.0	55
111	Toll-like receptor 3 (TLR3) activation induces microRNA-dependent reexpression of functional RAR β and tumor regression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 9812-9817.	3.3	53
112	Selected MicroRNAs Define Cell Fate Determination of Murine Central Memory CD8 T Cells. <i>PLoS ONE</i> , 2010, 5, e11243.	1.1	52
113	Onconase mediated NFK β downregulation in malignant pleural mesothelioma. <i>Oncogene</i> , 2011, 30, 2767-2777.	2.6	52
114	Expression and functional relevance of long non-coding RNAs in acute myeloid leukemia stem cells. <i>Leukemia</i> , 2019, 33, 2169-2182.	3.3	52
115	SPARC promotes leukemic cell growth and predicts acute myeloid leukemia outcome. <i>Journal of Clinical Investigation</i> , 2014, 124, 1512-1524.	3.9	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.	3.3	50
117	Nuclear association of tyrosine-phosphorylated Vav to phospholipase C- β 31 and phosphoinositide 3-kinase during granulocytic differentiation of HL-60 cells. <i>FEBS Letters</i> , 1998, 441, 480-484.	1.3	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.	1.9	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.	2.9	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.	1.1	46
122	GAS6 expression identifies high-risk adult AML patients: potential implications for therapy. <i>Leukemia</i> , 2014, 28, 1252-1258.	3.3	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.	0.6	44
124	Zinc Replenishment Reverses Overexpression of the Proinflammatory Mediator S100A8 and Esophageal Preneoplasia in the Rat. <i>Gastroenterology</i> , 2009, 136, 953-966.	0.6	44
125	Implications of the miR-10 family in chemotherapy response of NPM1-mutated AML. <i>Blood</i> , 2014, 123, 2412-2415.	0.6	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.	0.4	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.	2.3	43
128	Presence and Activation of Nuclear Phosphoinositide 3-Kinase C2 ² during Compensatory Liver Growth. <i>Journal of Biological Chemistry</i> , 2001, 276, 17754-17761.	1.6	42
129	Fragile histidine triad protein, WW domain-containing oxidoreductase protein Wwox, and activator protein 2 ³ expression levels correlate with basal phenotype in breast cancer. <i>Cancer</i> , 2009, 115, 899-908.	2.0	41
130	GOAL: automated Gene Ontology analysis of expression profiles. <i>Nucleic Acids Research</i> , 2004, 32, W492-W499.	6.5	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.	2.0	39
132	Identification of microRNA activity by Targets' Reverse EXpression. <i>Bioinformatics</i> , 2010, 26, 91-97.	1.8	39
133	inv(16)/t(16;16) acute myeloid leukemia with non-type A CBFβ-MYH11 fusions associate with distinct clinical and genetic features and lack KIT mutations. <i>Blood</i> , 2013, 121, 385-391.	0.6	39
134	UCbase & miRfunc: a database of ultraconserved sequences and microRNA function. <i>Nucleic Acids Research</i> , 2009, 37, D41-D48.	6.5	38
135	WWOX and p53 Dysregulation Synergize to Drive the Development of Osteosarcoma. <i>Cancer Research</i> , 2016, 76, 6107-6117.	0.4	38
136	Pluripotent Stem Cell miRNAs and Metastasis in Invasive Breast Cancer. <i>Journal of the National Cancer Institute</i> , 2014, 106, .	3.0	37
137	Quaking and miR-155 interactions in inflammation and leukemogenesis. <i>Oncotarget</i> , 2015, 6, 24599-24610.	0.8	37
138	Identification of differentially expressed genes in human salivary gland tumors by DNA microarrays. <i>Molecular Cancer Therapeutics</i> , 2002, 1, 533-8.	1.9	37
139	The activation of nuclear phosphoinositide 3-kinase C2 ² in all-trans-retinoic acid-differentiated HL-60 cells. <i>FEBS Letters</i> , 2002, 529, 268-274.	1.3	36
140	Overexpression of miR-9 in mast cells is associated with invasive behavior and spontaneous metastasis. <i>BMC Cancer</i> , 2014, 14, 84.	1.1	36
141	The network of non-coding RNAs and their molecular targets in breast cancer. <i>Molecular Cancer</i> , 2020, 19, 61.	7.9	36
142	Transcribed ultraconserved noncoding RNAs (T-UCR) are involved in Barrett's esophagus carcinogenesis. <i>Oncotarget</i> , 2014, 5, 7162-7171.	0.8	35
143	Nuclear phosphoinositide 3-kinase C2 ² 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.	1.2	34
144	Microevolution in Ferrara: Isonymy 1890-1990. <i>Annals of Human Biology</i> , 1992, 19, 371-385.	0.4	33

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145	GAM/ZFp/ZNF512B is central to a gene sensor circuitry involving cell-cycle regulators, TGF β 2 effectors, Drosha and microRNAs with opposite oncogenic potentials. <i>Nucleic Acids Research</i> , 2010, 38, 7673-7688.	6.5	32
146	MicroRNA Expression Profiling in the Histological Subtypes of Barrett's Metaplasia. <i>Clinical and Translational Gastroenterology</i> , 2013, 4, e34.	1.3	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.	3.6	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.	1.9	31
149	miR-129-5p: A key factor and therapeutic target in amyotrophic lateral sclerosis. <i>Progress in Neurobiology</i> , 2020, 190, 101803.	2.8	31
150	Altered expression of selected microRNAs in melanoma: Antiproliferative and proapoptotic activity of miRNA-155. <i>International Journal of Oncology</i> , 2009, , .	1.4	30
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