

# Frank J Slack

## List of Publications by Year in descending order

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206  
papers

48,775  
citations

6840

81  
h-index

2351

205  
g-index

216  
all docs

216  
docs citations

216  
times ranked

50560  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oncomirs – microRNAs with a role in cancer. <i>Nature Reviews Cancer</i> , 2006, 6, 259-269.	12.8	6,509
2	The 21-nucleotide let-7 RNA regulates developmental timing in <i>Caenorhabditis elegans</i> . <i>Nature</i> , 2000, 403, 901-906.	13.7	4,315
3	MicroRNA therapeutics: towards a new era for the management of cancer and other diseases. <i>Nature Reviews Drug Discovery</i> , 2017, 16, 203-222.	21.5	3,558
4	RAS Is Regulated by the let-7 MicroRNA Family. <i>Cell</i> , 2005, 120, 635-647.	13.5	3,291
5	Conservation of the sequence and temporal expression of let-7 heterochronic regulatory RNA. <i>Nature</i> , 2000, 408, 86-89.	13.7	2,167
6	Non-coding RNA networks in cancer. <i>Nature Reviews Cancer</i> , 2018, 18, 5-18.	12.8	1,359
7	Small non-coding RNAs in animal development. <i>Nature Reviews Molecular Cell Biology</i> , 2008, 9, 219-230.	16.1	1,270
8	The <i>let-7</i> MicroRNA Represses Cell Proliferation Pathways in Human Cells. <i>Cancer Research</i> , 2007, 67, 7713-7722.	0.4	1,177
9	The let-7 family of microRNAs. <i>Trends in Cell Biology</i> , 2008, 18, 505-516.	3.6	1,160
10	The Role of Non-coding RNAs in Oncology. <i>Cell</i> , 2019, 179, 1033-1055.	13.5	952
11	Integrative Analysis of the <i>Caenorhabditis elegans</i> Genome by the modENCODE Project. <i>Science</i> , 2010, 330, 1775-1787.	6.0	912
12	OncomiR addiction in an in vivo model of microRNA-21-induced pre-B-cell lymphoma. <i>Nature</i> , 2010, 467, 86-90.	13.7	877
13	MicroRNAs en route to the clinic: progress in validating and targeting microRNAs for cancer therapy. <i>Nature Reviews Cancer</i> , 2011, 11, 849-864.	12.8	870
14	MicroRNA silencing for cancer therapy targeted to the tumour microenvironment. <i>Nature</i> , 2015, 518, 107-110.	13.7	709
15	The lin-41 RBCC Gene Acts in the <i>C. elegans</i> Heterochronic Pathway between the let-7 Regulatory RNA and the LIN-29 Transcription Factor. <i>Molecular Cell</i> , 2000, 5, 659-669.	4.5	707
16	Systemic Delivery of Tumor Suppressor microRNA Mimics Using a Neutral Lipid Emulsion Inhibits Lung Tumors in Mice. <i>Molecular Therapy</i> , 2011, 19, 1116-1122.	3.7	610
17	A SNP in a <i>let-7</i> microRNA Complementary Site in the <i>KRAS</i> Untranslated Region Increases Non-Small Cell Lung Cancer Risk. <i>Cancer Research</i> , 2008, 68, 8535-8540.	0.4	609
18	OncomiR or Tumor Suppressor? The Duplicity of MicroRNAs in Cancer. <i>Cancer Research</i> , 2016, 76, 3666-3670.	0.4	589

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19	The <i>let-7</i> microRNA reduces tumor growth in mouse models of lung cancer. <i>Cell Cycle</i> , 2008, 7, 759-764.	1.3	588
20	<i>let-7</i> microRNAs in development, stem cells and cancer. <i>Trends in Molecular Medicine</i> , 2008, 14, 400-409.	3.5	539
21	Targeting noncoding RNAs in disease. <i>Journal of Clinical Investigation</i> , 2017, 127, 761-771.	3.9	527
22	mRNA circularization by METTL3 <sup>Δ</sup> eIF3h enhances translation and promotes oncogenesis. <i>Nature</i> , 2018, 561, 556-560.	13.7	498
23	Regression of murine lung tumors by the <i>let-7</i> microRNA. <i>Oncogene</i> , 2010, 29, 1580-1587.	2.6	465
24	Nanoparticle-based therapy in an in vivo microRNA-155 (miR-155)-dependent mouse model of lymphoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E1695-704.	3.3	439
25	A Developmental Timing MicroRNA and Its Target Regulate Life Span in <i>C. elegans</i> . <i>Science</i> , 2005, 310, 1954-1957.	6.0	432
26	The <i>C. elegans</i> microRNA <i>let-7</i> binds to imperfect <i>let-7</i> complementary sites from the <i>lin-41</i> 3'UTR. <i>Genes and Development</i> , 2004, 18, 132-137.	2.7	416
27	Aberrant Regulation and Function of MicroRNAs in Cancer. <i>Current Biology</i> , 2014, 24, R762-R776.	1.8	408
28	MicroRNAs as Potential Agents to Alter Resistance to Cytotoxic Anticancer Therapy. <i>Cancer Research</i> , 2007, 67, 11111-11116.	0.4	369
29	The <i>C. elegans</i> hunchback Homolog, <i>hbl-1</i> , Controls Temporal Patterning and Is a Probable MicroRNA Target. <i>Developmental Cell</i> , 2003, 4, 639-650.	3.1	326
30	MicroRNAs and cancer: An overview. <i>Cell Cycle</i> , 2008, 7, 2485-2492.	1.3	325
31	microRNA miR-196a-2 and Breast Cancer: A Genetic and Epigenetic Association Study and Functional Analysis. <i>Cancer Research</i> , 2009, 69, 5970-5977.	0.4	325
32	MicroRNAs and their roles in aging. <i>Journal of Cell Science</i> , 2012, 125, 7-17.	1.2	316
33	Junk DNA and the long non-coding RNA twist in cancer genetics. <i>Oncogene</i> , 2015, 34, 5003-5011.	2.6	293
34	Comparative analysis of the transcriptome across distant species. <i>Nature</i> , 2014, 512, 445-448.	13.7	289
35	FGF Regulates TGF- $\beta$ Signaling and Endothelial-to-Mesenchymal Transition via Control of <i>let-7</i> miRNA Expression. <i>Cell Reports</i> , 2012, 2, 1684-1696.	2.9	265
36	MicroRNAs Both Promote and Antagonize Longevity in <i>C. elegans</i> . <i>Current Biology</i> , 2010, 20, 2159-2168.	1.8	264

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37	The Temporal Patterning MicroRNA let-7 Regulates Several Transcription Factors at the Larval to Adult Transition in <i>C. elegans</i> . <i>Developmental Cell</i> , 2005, 8, 321-330.	3.1	231
38	The mir-34 microRNA is required for the DNA damage response in vivo in <i>C. elegans</i> and in vitro in human breast cancer cells. <i>Oncogene</i> , 2009, 28, 2419-2424.	2.6	221
39	miRNA-34 Prevents Cancer Initiation and Progression in a Therapeutically Resistant K-ras and p53-Induced Mouse Model of Lung Adenocarcinoma. <i>Cancer Research</i> , 2012, 72, 5576-5587.	0.4	220
40	The evolution of animal microRNA function. <i>Current Opinion in Genetics and Development</i> , 2007, 17, 145-150.	1.5	194
41	A combinatorial microRNA therapeutics approach to suppressing non-small cell lung cancer. <i>Oncogene</i> , 2015, 34, 3547-3555.	2.6	184
42	microRNAs: small molecules with big roles in <i>C. elegans</i> to human cancer. <i>Biology of the Cell</i> , 2008, 100, 71-81.	0.7	175
43	A gene required for nutritional repression of the <i>Bacillus subtilis</i> dipeptide permease operon. <i>Molecular Microbiology</i> , 2006, 15, 689-702.	1.2	172
44	MicroRNA Predictors of Longevity in <i>Caenorhabditis elegans</i> . <i>PLoS Genetics</i> , 2011, 7, e1002306.	1.5	171
45	The time of appearance of the <i>C. elegans</i> let-7 microRNA is transcriptionally controlled utilizing a temporal regulatory element in its promoter. <i>Developmental Biology</i> , 2003, 259, 364-379.	0.9	170
46	Reciprocal expression of lin-41 and the microRNAs let-7 and mir-125 during mouse embryogenesis. <i>Developmental Dynamics</i> , 2005, 234, 1046-1054.	0.8	163
47	MicroRNA in Cancer Prognosis. <i>New England Journal of Medicine</i> , 2008, 359, 2720-2722.	13.9	161
48	Architecture of a Validated MicroRNA:Target Interaction. <i>Chemistry and Biology</i> , 2004, 11, 1619-1623.	6.2	158
49	MicroRNAs in the ionizing radiation response and in radiotherapy. <i>Current Opinion in Genetics and Development</i> , 2013, 23, 12-19.	1.5	155
50	METTL1-mediated m7G modification of Arg-TCT tRNA drives oncogenic transformation. <i>Molecular Cell</i> , 2021, 81, 3323-3338.e14.	4.5	153
51	Control of developmental timing by small temporal RNAs: a paradigm for RNA-mediated regulation of gene expression. <i>BioEssays</i> , 2002, 24, 119-129.	1.2	149
52	A novel repeat domain that is often associated with RING finger and B-box motifs. <i>Trends in Biochemical Sciences</i> , 1998, 23, 474-475.	3.7	146
53	MicroRNAs and the cancer phenotype: profiling, signatures and clinical implications. <i>Genome Medicine</i> , 2013, 5, 111.	3.6	146
54	Age-associated changes in expression of small, noncoding RNAs, including microRNAs, in <i>C. elegans</i> . <i>Rna</i> , 2011, 17, 1804-1820.	1.6	142

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55	microRNA Control of Lifespan and Metabolism. <i>Cell Cycle</i> , 2006, 5, 837-840.	1.3	137
56	A <i>KRAS</i> -Variant in Ovarian Cancer Acts as a Genetic Marker of Cancer Risk. <i>Cancer Research</i> , 2010, 70, 6509-6515.	0.4	135
57	Longevity and stress in <i>Caenorhabditis elegans</i> . <i>Aging</i> , 2011, 3, 733-753.	1.4	134
58	Micro-RNAs. <i>Journal of Cell Biology</i> , 2002, 156, 17-22.	2.3	132
59	Combinatorial Action of MicroRNAs <i>let-7</i> and <i>miR-34</i> Effectively Synergizes with Erlotinib to Suppress Non-small Cell Lung Cancer Cell Proliferation. <i>Cell Cycle</i> , 2015, 14, 2171-2180.	1.3	131
60	A 3'-untranslated region <i>KRAS</i> variant and triple-negative breast cancer: a case-control and genetic analysis. <i>Lancet Oncology</i> , 2011, 12, 377-386.	5.1	130
61	<i>miR-34a</i> Silences c-SRC to Attenuate Tumor Growth in Triple-Negative Breast Cancer. <i>Cancer Research</i> , 2016, 76, 927-939.	0.4	128
62	Dynamic expression of small non-coding RNAs, including novel microRNAs and piRNAs/21U-RNAs, during <i>Caenorhabditis elegans</i> development. <i>Genome Biology</i> , 2009, 10, R54.	13.9	127
63	Epstein-Barr virus-encoded EBNA2 alters immune checkpoint PD-L1 expression by downregulating <i>miR-34a</i> in B-cell lymphomas. <i>Leukemia</i> , 2019, 33, 132-147.	3.3	126
64	Novel MicroRNAs Differentially Expressed during Aging in the Mouse Brain. <i>PLoS ONE</i> , 2012, 7, e40028.	1.1	125
65	An elegant miRror: microRNAs in stem cells, developmental timing and cancer. <i>Chromosoma</i> , 2009, 118, 405-418.	1.0	124
66	Anthranilate Fluorescence Marks a Calcium-Propagated Necrotic Wave That Promotes Organismal Death in <i>C. elegans</i> . <i>PLoS Biology</i> , 2013, 11, e1001613.	2.6	123
67	The role of microRNAs in cancer. <i>Yale Journal of Biology and Medicine</i> , 2006, 79, 131-40.	0.2	123
68	Expression and Function of Members of a Divergent Nuclear Receptor Family in <i>Caenorhabditis elegans</i> . <i>Developmental Biology</i> , 1999, 215, 314-331.	0.9	122
69	The <i>let-7</i> microRNA target gene, <i>Mlin41/Trim71</i> is required for mouse embryonic survival and neural tube closure. <i>Cell Cycle</i> , 2008, 7, 3935-3942.	1.3	120
70	The multiple roles of microRNA-155 in oncogenesis. <i>Journal of Clinical Bioinformatics</i> , 2013, 3, 17.	1.2	112
71	Challenges identifying efficacious miRNA therapeutics for cancer. <i>Expert Opinion on Drug Discovery</i> , 2020, 15, 987-991.	2.5	111
72	MicroRNAs: tools for cancer diagnostics. <i>Gut</i> , 2009, 58, 1546-1554.	6.1	110

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73	Inhibition of hypoxia-induced miR-155 radiosensitizes hypoxic lung cancer cells. <i>Cancer Biology and Therapy</i> , 2011, 12, 908-914.	1.5	108
74	TEMPORAL PATTERN FORMATION BY HETEROCHRONIC GENES. <i>Annual Review of Genetics</i> , 1997, 31, 611-634.	3.2	106
75	The expression of the Alzheimer's amyloid precursor protein-like gene is regulated by developmental timing microRNAs and their targets in <i>Caenorhabditis elegans</i> . <i>Developmental Biology</i> , 2008, 315, 418-425.	0.9	101
76	MicroRNA signatures differentiate melanoma subtypes. <i>Cell Cycle</i> , 2011, 10, 1845-1852.	1.3	98
77	Autofluorescence as a measure of senescence in <i>C. elegans</i> : look to red, not blue or green. <i>Aging</i> , 2016, 8, 889-898.	1.4	95
78	miRNA modulation of the cellular stress response. <i>Future Oncology</i> , 2008, 4, 289-298.	1.1	86
79	MicroRNAs and the Genetic Network in Aging. <i>Journal of Molecular Biology</i> , 2013, 425, 3601-3608.	2.0	86
80	Epstein-Barr virus-mediated dysregulation of human microRNA expression. <i>Cell Cycle</i> , 2008, 7, 3595-3600.	1.3	85
81	A truth serum for cancer – microRNAs have major potential as cancer biomarkers. <i>Cell Research</i> , 2008, 18, 983-984.	5.7	84
82	microRNA-Mediated Silencing Inside P Bodies. <i>RNA Biology</i> , 2006, 3, 97-100.	1.5	83
83	miR-155 Is Essential for Inflammation-Induced Hippocampal Neurogenic Dysfunction. <i>Journal of Neuroscience</i> , 2015, 35, 9764-9781.	1.7	83
84	RNA-mediated gene activation. <i>Epigenetics</i> , 2014, 9, 27-36.	1.3	82
85	The tumor-suppressive and potential therapeutic functions of miR-34a in epithelial carcinomas. <i>Expert Opinion on Therapeutic Targets</i> , 2016, 20, 737-753.	1.5	82
86	Cobomarsen, an Oligonucleotide Inhibitor of miR-155, Slows DLBCL Tumor Cell Growth <i>In Vitro</i> and <i>In Vivo</i> . <i>Clinical Cancer Research</i> , 2021, 27, 1139-1149.	3.2	76
87	The <i>Caenorhabditis elegans</i> pumilio homolog, puf-9, is required for the 3'UTR-mediated repression of the let-7 microRNA target gene, hbl-1. <i>Developmental Biology</i> , 2007, 305, 551-563.	0.9	74
88	MicroRNAs as a potential magic bullet in cancer. <i>Future Oncology</i> , 2006, 2, 73-82.	1.1	72
89	MicroRNAs Mediate Dietary-Restriction-Induced Longevity through PHA-4/FOXA and SKN-1/Nrf Transcription Factors. <i>Current Biology</i> , 2014, 24, 2238-2246.	1.8	72
90	A KRAS variant is a biomarker of poor outcome, platinum chemotherapy resistance and a potential target for therapy in ovarian cancer. <i>Oncogene</i> , 2012, 31, 4559-4566.	2.6	71

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91	MicroRNAs in Mutagenesis, Genomic Instability, and DNA Repair. <i>Seminars in Oncology</i> , 2011, 38, 743-751.	0.8	68
92	Personalized RNA Medicine for Pancreatic Cancer. <i>Clinical Cancer Research</i> , 2018, 24, 1734-1747.	3.2	67
93	let-7 microRNA as a potential therapeutic target with implications for immunotherapy. <i>Expert Opinion on Therapeutic Targets</i> , 2018, 22, 929-939.	1.5	67
94	MicroRNA-34a: Potent Tumor Suppressor, Cancer Stem Cell Inhibitor, and Potential Anticancer Therapeutic. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 640587.	1.8	67
95	Analysis of microRNA Expression and Function. <i>Methods in Cell Biology</i> , 2011, 106, 219-252.	0.5	66
96	Developmental Timing in <i>C. elegans</i> Is Regulated by kin-20 and tim-1, Homologs of Core Circadian Clock Genes. <i>Developmental Cell</i> , 2005, 8, 287-295.	3.1	64
97	miR-155 as a novel clinical target for hematological malignancies. <i>Carcinogenesis</i> , 2020, 41, 2-7.	1.3	63
98	Prediction and characterization of noncoding RNAs in <i>C. elegans</i> by integrating conservation, secondary structure, and high-throughput sequencing and array data. <i>Genome Research</i> , 2011, 21, 276-285.	2.4	60
99	ADAR1-mediated RNA editing is a novel oncogenic process in thyroid cancer and regulates miR-200 activity. <i>Oncogene</i> , 2020, 39, 3738-3753.	2.6	60
100	A serum miRNA profile of human longevity: findings from the Baltimore Longitudinal Study of Aging (BLSA). <i>Aging</i> , 2016, 8, 2971-2987.	1.4	60
101	miR-34 activity is modulated through 5' end phosphorylation in response to DNA damage. <i>Nature Communications</i> , 2016, 7, 10954.	5.8	58
102	Quantitative analysis of microRNAs in tissue microarrays by in situ hybridization. <i>BioTechniques</i> , 2012, 52, 235-245.	0.8	57
103	Malicious exosomes. <i>Science</i> , 2014, 346, 1459-1460.	6.0	57
104	miR-147b-mediated TCA cycle dysfunction and pseudohypoxia initiate drug tolerance to EGFR inhibitors in lung adenocarcinoma. <i>Nature Metabolism</i> , 2019, 1, 460-474.	5.1	57
105	The Nefarious Nexus of Noncoding RNAs in Cancer. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2072.	1.8	55
106	Ageing and the small, non-coding RNA world. <i>Ageing Research Reviews</i> , 2013, 12, 429-435.	5.0	54
107	The let-7 microRNA interfaces extensively with the translation machinery to regulate cell differentiation. <i>Cell Cycle</i> , 2008, 7, 3083-3090.	1.3	53
108	MicroRNA therapeutics in preclinical cancer models. <i>Lancet Oncology</i> , The, 2011, 12, 319-321.	5.1	52

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109	Hypomethylating agent alters the immune microenvironment in acute myeloid leukaemia (AML) and enhances the immunogenicity of a dendritic cell/AML vaccine. <i>British Journal of Haematology</i> , 2019, 185, 679-690.	1.2	52
110	A Developmental Timing Switch Promotes Axon Outgrowth Independent of Known Guidance Receptors. <i>PLoS Genetics</i> , 2010, 6, e1001054.	1.5	51
111	The long noncoding RNA H19 regulates tumor plasticity in neuroendocrine prostate cancer. <i>Nature Communications</i> , 2021, 12, 7349.	5.8	51
112	The Duality of OncomiR Addiction in the Maintenance and Treatment of Cancer. <i>Cancer Journal (Sudbury, Mass)</i> , 2012, 18, 232-237.	1.0	48
113	Canonical and Non-Canonical Barriers Facing AntimiR Cancer Therapeutics. <i>Current Medicinal Chemistry</i> , 2013, 20, 3582-3593.	1.2	48
114	Transcription of the <i>C. elegans</i> let-7 microRNA is temporally regulated by one of its targets, hbl-1. <i>Developmental Biology</i> , 2009, 334, 523-534.	0.9	46
115	Developmental biomarkers of aging in <i>Caenorhabditis elegans</i> . <i>Developmental Dynamics</i> , 2010, 239, 1306-1314.	0.8	46
116	Autoregulation of <i>lin-4</i> microRNA transcription by RNA activation (RNAa) in <i>C. elegans</i> . <i>Cell Cycle</i> , 2014, 13, 772-781.	1.3	43
117	Joint analysis of expression profiles from multiple cancers improves the identification of microRNA-gene interactions. <i>Bioinformatics</i> , 2013, 29, 2137-2145.	1.8	42
118	Noncoding RNAs and Cancer. <i>Cell</i> , 2013, 153, 9-10.	13.5	40
119	MicroRNAs circulate around Alzheimer's disease. <i>Genome Biology</i> , 2013, 14, 125.	3.8	40
120	Extensive sequence variation in the 3' untranslated region of the <i>KRAS</i> gene in lung and ovarian cancer cases. <i>Cell Cycle</i> , 2014, 13, 1030-1040.	1.3	39
121	A novel mechanism of LIN-28 regulation of let-7 microRNA expression revealed by in vivo HITS-CLIP in <i>C. elegans</i> . <i>Rna</i> , 2015, 21, 985-996.	1.6	39
122	Hydrophobically Modified let-7b miRNA Enhances Biodistribution to NSCLC and Downregulates HMGA2 In Vivo. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 19, 267-277.	2.3	39
123	<i>kin-19</i> /casein kinase II has dual functions in regulating asymmetric division and terminal differentiation in <i>C. elegans</i> epidermal stem cells. <i>Cell Cycle</i> , 2010, 9, 4748-4765.	1.3	37
124	The nuclear receptor gene <i>nhr-25</i> plays multiple roles in the <i>Caenorhabditis elegans</i> heterochronic gene network to control the larva-to-adult transition. <i>Developmental Biology</i> , 2010, 344, 1100-1109.	0.9	37
125	A microRNA feedback loop regulates global microRNA abundance during aging. <i>Rna</i> , 2018, 24, 159-172.	1.6	37
126	Rare <i>BRCA1</i> haplotypes including 3' UTR SNPs associated with breast cancer risk. <i>Cell Cycle</i> , 2011, 10, 90-99.	1.3	36

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127	The role of microRNAs in synaptic development and function. <i>BMB Reports</i> , 2009, 42, 131-135.	1.1	36
128	Targetome Profiling, Pathway Analysis and Genetic Association Study Implicate miR-202 in Lymphomagenesis. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2013, 22, 327-336.	1.1	35
129	Next generation miRNA inhibition using short anti-seed PNAs encapsulated in PLGA nanoparticles. <i>Journal of Controlled Release</i> , 2020, 327, 406-419.	4.8	35
130	And Now Introducing Mammalian Mirtrons. <i>Developmental Cell</i> , 2007, 13, 605-607.	3.1	34
131	miR-105-5p regulates PD-L1 expression and tumor immunogenicity in gastric cancer. <i>Cancer Letters</i> , 2021, 518, 115-126.	3.2	34
132	A Variant in a MicroRNA complementary site in the 3' UTR of the KIT oncogene increases risk of acral melanoma. <i>Oncogene</i> , 2011, 30, 1542-1550.	2.6	33
133	Cigarette-Smoke-Induced Dysregulation of MicroRNA Expression and Its Role in Lung Carcinogenesis. <i>Pulmonary Medicine</i> , 2012, 2012, 1-9.	0.5	33
134	ADAR1 and its implications in cancer development and treatment. <i>Trends in Genetics</i> , 2022, 38, 821-830.	2.9	33
135	Potential microRNA therapies targeting Ras, NFkappaB and p53 signaling. <i>Current Opinion in Molecular Therapeutics</i> , 2010, 12, 147-57.	2.8	32
136	Inhibiting microRNA function in vivo. <i>Nature Methods</i> , 2009, 6, 37-38.	9.0	31
137	siRNA. <i>Chemistry and Biology</i> , 2002, 9, 1053-1055.	6.2	30
138	Identification of specific <i>let-7</i> microRNA binding complexes in <i>Caenorhabditis elegans</i> . <i>Rna</i> , 2008, 14, 2104-2114.	1.6	26
139	MicroRNA-mediated regulation of KRAS in cancer. <i>Journal of Hematology and Oncology</i> , 2014, 7, 84.	6.9	26
140	Expression inactivation of SMARCA4 by microRNAs in lung tumors. <i>Human Molecular Genetics</i> , 2015, 24, 1400-1409.	1.4	26
141	MicroRNAs in Search of a Target. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2006, 71, 129-134.	2.0	24
142	Biases and Errors on Allele Frequency Estimation and Disease Association Tests of Next-Generation Sequencing of Pooled Samples. <i>Genetic Epidemiology</i> , 2012, 36, 549-560.	0.6	24
143	Targeted resequencing of the microRNAome and 3' UTRome reveals functional germline DNA variants with altered prevalence in epithelial ovarian cancer. <i>Oncogene</i> , 2015, 34, 2125-2137.	2.6	24
144	KRAS alleles: The LCS6 3' UTR variant and KRAS coding sequence mutations in the NCI-60 panel. <i>Cell Cycle</i> , 2012, 11, 361-366.	1.3	23

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145	Ribosomal protein RPS-14 modulates let-7 microRNA function in <i>Caenorhabditis elegans</i> . <i>Developmental Biology</i> , 2009, 334, 152-160.	0.9	22
146	An ADAR1-dependent RNA editing event in the cyclin-dependent kinase CDK13 promotes thyroid cancer hallmarks. <i>Molecular Cancer</i> , 2021, 20, 115.	7.9	22
147	The age of high-throughput microRNA profiling. <i>Nature Methods</i> , 2004, 1, 106-107.	9.0	21
148	<i>C. elegans sym-1</i> is a downstream target of the Hunchback-like-1 developmental timing transcription factor. <i>Cell Cycle</i> , 2009, 8, 4147-4154.	1.3	21
149	Prevention of K-Ras- and Pten-mediated intravaginal tumors by treatment with camptothecin-loaded PLGA nanoparticles. <i>Drug Delivery and Translational Research</i> , 2011, 1, 383-394.	3.0	21
150	In this issue of <i>Epigenetics</i> . <i>Epigenetics</i> , 2014, 9, 1-2.	1.3	21
151	miR-155 drives oncogenesis by promoting and cooperating with mutations in the c-Kit oncogene. <i>Oncogene</i> , 2019, 38, 2151-2161.	2.6	21
152	Spatially resolved and multiplexed MicroRNA quantification from tissue using nanoliter well arrays. <i>Microsystems and Nanoengineering</i> , 2020, 6, 51.	3.4	21
153	Micromanagement: A Role for MicroRNAs in mRNA Stability. <i>ACS Chemical Biology</i> , 2006, 1, 132-134.	1.6	20
154	Transcriptional control of microRNA expression in <i>C. elegans</i> : Promoting better understanding. <i>RNA Biology</i> , 2009, 6, 49-53.	1.5	20
155	Overexpression of miR-9 in the Nucleus Accumbens Increases Oxycodone Self-Administration. <i>International Journal of Neuropsychopharmacology</i> , 2019, 22, 383-393.	1.0	20
156	RACK-1 regulates let-7 microRNA expression and terminal cell differentiation in <i>Caenorhabditis elegans</i> . <i>Cell Cycle</i> , 2014, 13, 1995-2009.	1.3	19
157	Nonfouling, Encoded Hydrogel Microparticles for Multiplex MicroRNA Profiling Directly from Formalin-Fixed, Paraffin-Embedded Tissue. <i>Analytical Chemistry</i> , 2018, 90, 10279-10285.	3.2	19
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