

# Chen-Yu Zhang

## List of Publications by Year in descending order

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198  
papers

24,849  
citations

13068

68  
h-index

7136

153  
g-index

202  
all docs

202  
docs citations

202  
times ranked

32575  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of microRNAs in serum: a novel class of biomarkers for diagnosis of cancer and other diseases. <i>Cell Research</i> , 2008, 18, 997-1006.	5.7	4,084
2	Transcriptional co-activator PGC-1 $\beta$ drives the formation of slow-twitch muscle fibres. <i>Nature</i> , 2002, 418, 797-801.	13.7	2,232
3	Secreted Monocytic miR-150 Enhances Targeted Endothelial Cell Migration. <i>Molecular Cell</i> , 2010, 39, 133-144.	4.5	1,059
4	Exogenous plant MIR168a specifically targets mammalian LDLRAP1: evidence of cross-kingdom regulation by microRNA. <i>Cell Research</i> , 2012, 22, 107-126.	5.7	921
5	Uncoupling Protein-2 Negatively Regulates Insulin Secretion and Is a Major Link between Obesity, $\beta$ Cell Dysfunction, and Type 2 Diabetes. <i>Cell</i> , 2001, 105, 745-755.	13.5	867
6	Secreted microRNAs: a new form of intercellular communication. <i>Trends in Cell Biology</i> , 2012, 22, 125-132.	3.6	668
7	Cytokine Stimulation of Energy Expenditure through p38 MAP Kinase Activation of PPAR $\beta$ Coactivator-1. <i>Molecular Cell</i> , 2001, 8, 971-982.	4.5	661
8	BAD and glucokinase reside in a mitochondrial complex that integrates glycolysis and apoptosis. <i>Nature</i> , 2003, 424, 952-956.	13.7	630
9	Serum microRNA Profiles Serve as Novel Biomarkers for HBV Infection and Diagnosis of HBV-Positive Hepatocarcinoma. <i>Cancer Research</i> , 2010, 70, 9798-9807.	0.4	430
10	Circulating MicroRNAs: a novel class of biomarkers to diagnose and monitor human cancers. <i>Medicinal Research Reviews</i> , 2012, 32, 326-348.	5.0	416
11	A five-microRNA signature identified from genome-wide serum microRNA expression profiling serves as a fingerprint for gastric cancer diagnosis. <i>European Journal of Cancer</i> , 2011, 47, 784-791.	1.3	385
12	Honeysuckle-encoded atypical microRNA2911 directly targets influenza A viruses. <i>Cell Research</i> , 2015, 25, 39-49.	5.7	352
13	Identification and characterization of microRNAs in raw milk during different periods of lactation, commercial fluid, and powdered milk products. <i>Cell Research</i> , 2010, 20, 1128-1137.	5.7	314
14	Expression Profile of MicroRNAs in Serum: A Fingerprint for Esophageal Squamous Cell Carcinoma. <i>Clinical Chemistry</i> , 2010, 56, 1871-1879.	1.5	294
15	Dual role of proapoptotic BAD in insulin secretion and beta cell survival. <i>Nature Medicine</i> , 2008, 14, 144-153.	15.2	285
16	Extracellular Vesicles: Novel Mediators of Cell Communication In Metabolic Disease. <i>Trends in Endocrinology and Metabolism</i> , 2017, 28, 3-18.	3.1	268
17	Identification of ten serum microRNAs from a genome-wide serum microRNA expression profile as novel noninvasive biomarkers for nonsmall cell lung cancer diagnosis. <i>International Journal of Cancer</i> , 2012, 130, 1620-1628.	2.3	251
18	Tumor-secreted miR-214 induces regulatory T cells: a major link between immune evasion and tumor growth. <i>Cell Research</i> , 2014, 24, 1164-1180.	5.7	235

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19	Horizontal transfer of microRNAs: molecular mechanisms and clinical applications. <i>Protein and Cell</i> , 2012, 3, 28-37.	4.8	223
20	Targeted exosome-mediated delivery of opioid receptor Mu siRNA for the treatment of morphine relapse. <i>Scientific Reports</i> , 2015, 5, 17543.	1.6	220
21	Altered Profile of Seminal Plasma MicroRNAs in the Molecular Diagnosis of Male Infertility. <i>Clinical Chemistry</i> , 2011, 57, 1722-1731.	1.5	217
22	Pyruvate kinase type M2 promotes tumour cell exosome release via phosphorylating synaptosome-associated protein 23. <i>Nature Communications</i> , 2017, 8, 14041.	5.8	210
23	Platelet-Secreted MicroRNA-223 Promotes Endothelial Cell Apoptosis Induced by Advanced Glycation End Products via Targeting the Insulin-like Growth Factor 1 Receptor. <i>Journal of Immunology</i> , 2014, 192, 437-446.	0.4	207
24	MiR-26 enhances chemosensitivity and promotes apoptosis of hepatocellular carcinoma cells through inhibiting autophagy. <i>Cell Death and Disease</i> , 2018, 8, e2540-e2540.	2.7	186
25	Microvesicle-mediated Transfer of MicroRNA-150 from Monocytes to Endothelial Cells Promotes Angiogenesis. <i>Journal of Biological Chemistry</i> , 2013, 288, 23586-23596.	1.6	178
26	Argonaute 2 Complexes Selectively Protect the Circulating MicroRNAs in Cell-Secreted Microvesicles. <i>PLoS ONE</i> , 2012, 7, e46957.	1.1	177
27	Mouse miRNA-709 directly regulates miRNA-15a/16-1 biogenesis at the posttranscriptional level in the nucleus: evidence for a microRNA hierarchy system. <i>Cell Research</i> , 2012, 22, 504-515.	5.7	173
28	Identification of seven serum microRNAs from a genome-wide serum microRNA expression profile as potential noninvasive biomarkers for malignant astrocytomas. <i>International Journal of Cancer</i> , 2013, 132, 116-127.	2.3	173
29	Differential expression of microRNAs in mouse liver under aberrant energy metabolic status. <i>Journal of Lipid Research</i> , 2009, 50, 1756-1765.	2.0	168
30	MicroRNA-155 and MicroRNA-21 Promote the Expansion of Functional Myeloid-Derived Suppressor Cells. <i>Journal of Immunology</i> , 2014, 192, 1034-1043.	0.4	164
31	Serum MicroRNA Profiles Serve as Novel Biomarkers for the Diagnosis of Alzheimer's Disease. <i>Disease Markers</i> , 2015, 2015, 1-11.	0.6	158
32	miR-143 and miR-145 synergistically regulate ERBB3 to suppress cell proliferation and invasion in breast cancer. <i>Molecular Cancer</i> , 2014, 13, 220.	7.9	145
33	MicroRNA-223 delivered by platelet-derived microvesicles promotes lung cancer cell invasion via targeting tumor suppressor EPB41L3. <i>Molecular Cancer</i> , 2015, 14, 58.	7.9	145
34	Effective detection and quantification of dietetically absorbed plant microRNAs in human plasma. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 505-512.	1.9	137
35	Identification of mouse liver mitochondria-associated miRNAs and their potential biological functions. <i>Cell Research</i> , 2010, 20, 1076-1078.	5.7	135
36	Suppression of $\beta$ Cell Energy Metabolism and Insulin Release by PGC-1 $\alpha$ . <i>Developmental Cell</i> , 2003, 5, 73-83.	3.1	134

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37	MicroRNA-19b/221/222 induces endothelial cell dysfunction via suppression of PGC-1 $\beta$ in the progression of atherosclerosis. <i>Atherosclerosis</i> , 2015, 241, 671-681.	0.4	125
38	Plant microRNAs in larval food regulate honeybee caste development. <i>PLoS Genetics</i> , 2017, 13, e1006946.	1.5	123
39	Importin 8 Regulates the Transport of Mature MicroRNAs into the Cell Nucleus. <i>Journal of Biological Chemistry</i> , 2014, 289, 10270-10275.	1.6	119
40	Comparison of commercial exosome isolation kits for circulating exosomal microRNA profiling. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 3805-3814.	1.9	118
41	A panel of five serum miRNAs as a potential diagnostic tool for early-stage renal cell carcinoma. <i>Scientific Reports</i> , 2015, 5, 7610.	1.6	116
42	Microvesicle-delivery miR-150 promotes tumorigenesis by up-regulating VEGF, and the neutralization of miR-150 attenuate tumor development. <i>Protein and Cell</i> , 2013, 4, 932-941.	4.8	110
43	Role of miR-150 in targeting c-Myb in colonic epithelial disruption during dextran sulphate sodium-induced murine experimental colitis and human ulcerative colitis. <i>Journal of Pathology</i> , 2011, 225, 544-553.	2.1	106
44	Hepatitis B virus-human chimeric transcript HBx-LINE1 promotes hepatic injury via sequestering cellular microRNA-122. <i>Journal of Hepatology</i> , 2016, 64, 278-291.	1.8	105
45	MiR-143 and MiR-145 Regulate IGF1R to Suppress Cell Proliferation in Colorectal Cancer. <i>PLoS ONE</i> , 2014, 9, e114420.	1.1	104
46	miR-150 promotes the proliferation and migration of lung cancer cells by targeting SRC kinase signalling inhibitor 1. <i>European Journal of Cancer</i> , 2014, 50, 1013-1024.	1.3	103
47	A panel of four decreased serum microRNAs as a novel biomarker for early Parkinson's disease. <i>Biomarkers</i> , 2016, 21, 129-137.	0.9	101
48	Microvesicle-mediated delivery of transforming growth factor $\beta$ 1 siRNA for the suppression of tumor growth in mice. <i>Biomaterials</i> , 2014, 35, 4390-4400.	5.7	97
49	Increased Serum and Urinary MicroRNAs in Children with Idiopathic Nephrotic Syndrome. <i>Clinical Chemistry</i> , 2013, 59, 658-666.	1.5	96
50	Absorbed plant MIR2911 in honeysuckle decoction inhibits SARS-CoV-2 replication and accelerates the negative conversion of infected patients. <i>Cell Discovery</i> , 2020, 6, 54.	3.1	96
51	Diagnostic and Prognostic Implications of a Serum miRNA Panel in Oesophageal Squamous Cell Carcinoma. <i>PLoS ONE</i> , 2014, 9, e92292.	1.1	94
52	An engineered exosome for delivering sgRNA:Cas9 ribonucleoprotein complex and genome editing in recipient cells. <i>Biomaterials Science</i> , 2020, 8, 2966-2976.	2.6	94
53	Increased serum microRNAs are closely associated with the presence of microvascular complications in type 2 diabetes mellitus. <i>Scientific Reports</i> , 2016, 6, 20032.	1.6	93
54	A Combination of Let-7d, Let-7g and Let-7i Serves as a Stable Reference for Normalization of Serum microRNAs. <i>PLoS ONE</i> , 2013, 8, e79652.	1.1	93

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55	miR-96 promotes cell proliferation, migration and invasion by targeting PTPN9 in breast cancer. <i>Scientific Reports</i> , 2016, 6, 37421.	1.6	92
56	miR-124-3p functions as a tumor suppressor in breast cancer by targeting CBL. <i>BMC Cancer</i> , 2016, 16, 826.	1.1	91
57	Hypoxia induces PGC-1 $\beta$ expression and mitochondrial biogenesis in the myocardium of TOF patients. <i>Cell Research</i> , 2010, 20, 676-687.	5.7	89
58	In Vitro Evidence Suggests That miR-133a-mediated Regulation of Uncoupling Protein 2 (UCP2) Is an Indispensable Step in Myogenic Differentiation. <i>Journal of Biological Chemistry</i> , 2009, 284, 5362-5369.	1.6	86
59	Heterochromatin Protein HP1 $\beta$ Promotes Colorectal Cancer Progression and Is Regulated by miR-30a. <i>Cancer Research</i> , 2015, 75, 4593-4604.	0.4	85
60	miR-193a-3p Functions as a Tumor Suppressor in Lung Cancer by Down-regulating ERBB4. <i>Journal of Biological Chemistry</i> , 2015, 290, 926-940.	1.6	83
61	Shikonin Inhibits the Proliferation of Human Breast Cancer Cells by Reducing Tumor-Derived Exosomes. <i>Molecules</i> , 2016, 21, 777.	1.7	82
62	Role of MicroRNA-214 in Targeting Phosphatase and Tensin Homolog in Advanced Glycation End Product-Induced Apoptosis Delay in Monocytes. <i>Journal of Immunology</i> , 2011, 186, 2552-2560.	0.4	81
63	Small non-coding RNAs transfer through mammalian placenta and directly regulate fetal gene expression. <i>Protein and Cell</i> , 2015, 6, 391-396.	4.8	77
64	Identification and Characterization of 293T Cell-Derived Exosomes by Profiling the Protein, mRNA and MicroRNA Components. <i>PLoS ONE</i> , 2016, 11, e0163043.	1.1	77
65	New roles for microRNAs in cross-species communication. <i>RNA Biology</i> , 2013, 10, 367-370.	1.5	75
66	Serum miRNA expression profile as a prognostic biomarker of stage II/III colorectal adenocarcinoma. <i>Scientific Reports</i> , 2015, 5, 12921.	1.6	75
67	The potential atheroprotective role of plant MIR156a as a repressor of monocyte recruitment on inflamed human endothelial cells. <i>Journal of Nutritional Biochemistry</i> , 2018, 57, 197-205.	1.9	74
68	miR-203 Suppresses the Proliferation and Migration and Promotes the Apoptosis of Lung Cancer Cells by Targeting SRC. <i>PLoS ONE</i> , 2014, 9, e105570.	1.1	73
69	SIDT1-dependent absorption in the stomach mediates host uptake of dietary and orally administered microRNAs. <i>Cell Research</i> , 2021, 31, 247-258.	5.7	73
70	A Five-miRNA Panel Identified From a Multicentric Case-control Study Serves as a Novel Diagnostic Tool for Ethnically Diverse Non-small-cell Lung Cancer Patients. <i>EBioMedicine</i> , 2015, 2, 1377-1385.	2.7	72
71	miR-203 Inhibits Cell Proliferation and Migration of Lung Cancer Cells by Targeting PKC $\delta$ . <i>PLoS ONE</i> , 2013, 8, e73985.	1.1	72
72	Tumor-suppressive miR-218-5p inhibits cancer cell proliferation and migration via EGFR in non-small cell lung cancer. <i>Oncotarget</i> , 2016, 7, 28075-28085.	0.8	71

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73	NatD promotes lung cancer progression by preventing histone H4 serine phosphorylation to activate Slug expression. <i>Nature Communications</i> , 2017, 8, 928.	5.8	69
74	miR-23a/b promote tumor growth and suppress apoptosis by targeting PDCD4 in gastric cancer. <i>Cell Death and Disease</i> , 2017, 8, e3059-e3059.	2.7	69
75	A Panel of Serum MicroRNAs as Specific Biomarkers for Diagnosis of Compound- and Herb-Induced Liver Injury in Rats. <i>PLoS ONE</i> , 2012, 7, e37395.	1.1	67
76	MicroRNA-193a-3p Reduces Intestinal Inflammation in Response to Microbiota via Down-regulation of Colonic PepT1. <i>Journal of Biological Chemistry</i> , 2015, 290, 16099-16115.	1.6	67
77	Systematic characterization of seminal plasma piRNAs as molecular biomarkers for male infertility. <i>Scientific Reports</i> , 2016, 6, 24229.	1.6	66
78	Human cytomegalovirus reprogrammes haematopoietic progenitor cells into immunosuppressive monocytes to achieve latency. <i>Nature Microbiology</i> , 2018, 3, 503-513.	5.9	66
79	miR-21-Containing Microvesicles from Injured Tubular Epithelial Cells Promote Tubular Phenotype Transition by Targeting PTEN Protein. <i>American Journal of Pathology</i> , 2013, 183, 1183-1196.	1.9	65
80	MiR-193a-3p is an Important Tumour Suppressor in Lung Cancer and Directly Targets KRAS. <i>Cellular Physiology and Biochemistry</i> , 2017, 44, 1311-1324.	1.1	64
81	H5N1 influenza virus-specific miRNA-like small RNA increases cytokine production and mouse mortality via targeting poly(rC)-binding protein 2. <i>Cell Research</i> , 2018, 28, 157-171.	5.7	63
82	miR-28-5p acts as a tumor suppressor in renal cell carcinoma for multiple antitumor effects by targeting RAP1B. <i>Oncotarget</i> , 2016, 7, 73888-73902.	0.8	62
83	Nuclear microRNAs and their unconventional role in regulating non-coding RNAs. <i>Protein and Cell</i> , 2013, 4, 325-330.	4.8	61
84	MiR-29b suppresses the proliferation and migration of osteosarcoma cells by targeting CDK6. <i>Protein and Cell</i> , 2016, 7, 434-444.	4.8	61
85	MicroRNA-196a/b Mitigate Renal Fibrosis by Targeting TGF- $\beta$ Receptor 2. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 3006-3021.	3.0	61
86	miR-19b downregulates intestinal SOCS3 to reduce intestinal inflammation in Crohn's disease. <i>Scientific Reports</i> , 2015, 5, 10397.	1.6	60
87	Injured liver-released miRNA-122 elicits acute pulmonary inflammation via activating alveolar macrophage TLR7 signaling pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 6162-6171.	3.3	60
88	Secreted miR-34a in astrocytic shedding vesicles enhanced the vulnerability of dopaminergic neurons to neurotoxins by targeting Bcl-2. <i>Protein and Cell</i> , 2015, 6, 529-540.	4.8	58
89	miR-181b functions as an oncomiR in colorectal cancer by targeting PDCD4. <i>Protein and Cell</i> , 2016, 7, 722-734.	4.8	58
90	In vivo self-assembled small RNAs as a new generation of RNAi therapeutics. <i>Cell Research</i> , 2021, 31, 631-648.	5.7	56

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91	Reply to Lack of detectable oral bioavailability of plant microRNAs after feeding in mice. <i>Nature Biotechnology</i> , 2013, 31, 967-969.	9.4	55
92	Slug-upregulated miR-221 promotes breast cancer progression through suppressing E-cadherin expression. <i>Scientific Reports</i> , 2016, 6, 25798.	1.6	55
93	Fasting induces a subcutaneous-to-visceral fat switch mediated by microRNA-149-3p and suppression of PRDM16. <i>Nature Communications</i> , 2016, 7, 11533.	5.8	55
94	Human Cytomegalovirus miR-UL148D Facilitates Latent Viral Infection by Targeting Host Cell Immediate Early Response Gene 5. <i>PLoS Pathogens</i> , 2016, 12, e1006007.	2.1	54
95	MicroRNA-495 induces breast cancer cell migration by targeting JAM-A. <i>Protein and Cell</i> , 2014, 5, 862-872.	4.8	53
96	Characterization of a novel panel of plasma microRNAs that discriminates between <i>Mycobacterium tuberculosis</i> infection and healthy individuals. <i>PLoS ONE</i> , 2017, 12, e0184113.	1.1	53
97	MiR-125a-5p functions as a tumour suppressor in breast cancer by downregulating BAP1. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 8773-8783.	1.2	53
98	Sperm microRNAs confer depression susceptibility to offspring. <i>Science Advances</i> , 2021, 7, .	4.7	53
99	Oncogenic miR-19a and miR-19b co-regulate tumor suppressor MTUS1 to promote cell proliferation and migration in lung cancer. <i>Protein and Cell</i> , 2017, 8, 455-466.	4.8	52
100	Silencing miR-106b accelerates osteogenesis of mesenchymal stem cells and rescues against glucocorticoid-induced osteoporosis by targeting BMP2. <i>Bone</i> , 2017, 97, 130-138.	1.4	51
101	PGC-1 $\alpha$ Is a Key Regulator of Glucose-Induced Proliferation and Migration in Vascular Smooth Muscle Cells. <i>PLoS ONE</i> , 2009, 4, e4182.	1.1	50
102	Increased urinary exosomal microRNAs in children with idiopathic nephrotic syndrome. <i>EBioMedicine</i> , 2019, 39, 552-561.	2.7	49
103	Nuclear miR-122 directly regulates the biogenesis of cell survival oncomiR miR-21 at the posttranscriptional level. <i>Nucleic Acids Research</i> , 2018, 46, 2012-2029.	6.5	48
104	Identification of miRNAs that are associated with tumor metastasis in Neuroblastoma. <i>Cancer Biology and Therapy</i> , 2010, 9, 446-452.	1.5	47
105	Diet-derived microRNAs: unicorn or silver bullet?. <i>Genes and Nutrition</i> , 2017, 12, 15.	1.2	47
106	Brain-selective Kinase 2 (BRSK2) Phosphorylation on PCTAIRE1 Negatively Regulates Glucose-stimulated Insulin Secretion in Pancreatic $\beta$ -Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 30368-30375.	1.6	46
107	An Ebola virus-encoded microRNA-like fragment serves as a biomarker for early diagnosis of Ebola virus disease. <i>Cell Research</i> , 2016, 26, 380-383.	5.7	46
108	Time-course responses of circulating microRNAs to three resistance training protocols in healthy young men. <i>Scientific Reports</i> , 2017, 7, 2203.	1.6	46

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109	Increased serum miR-7 is a promising biomarker for type 2 diabetes mellitus and its microvascular complications. <i>Diabetes Research and Clinical Practice</i> , 2017, 130, 171-179.	1.1	46
110	miR-10a inhibits cell proliferation and promotes cell apoptosis by targeting BCL6 in diffuse large B-cell lymphoma. <i>Protein and Cell</i> , 2016, 7, 899-912.	4.8	45
111	Decreased inhibition of exosomal miRNAs on SARS-CoV-2 replication underlies poor outcomes in elderly people and diabetic patients. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 300.	7.1	44
112	A pilot study of serum microRNA signatures as a novel biomarker for occult hepatitis B virus infection. <i>Medical Microbiology and Immunology</i> , 2012, 201, 389-395.	2.6	43
113	miR-16 promotes the apoptosis of human cancer cells by targeting FEAT. <i>BMC Cancer</i> , 2015, 15, 448.	1.1	41
114	Free fatty acids increase PGC-1 $\alpha$ expression in isolated rat islets. <i>FEBS Letters</i> , 2005, 579, 1446-1452.	1.3	40
115	miR-135b Promotes Cancer Progression by Targeting Transforming Growth Factor Beta Receptor II (TGFB2) in Colorectal Cancer. <i>PLoS ONE</i> , 2015, 10, e0130194.	1.1	40
116	Argonaute 2 in Cell-Secreted Microvesicles Guides the Function of Secreted miRNAs in Recipient Cells. <i>PLoS ONE</i> , 2014, 9, e103599.	1.1	39
117	Small Molecule Inhibitor of Myogenic microRNAs Leads to a Discovery of miR-221/222-myoD-myomiRs Regulatory Pathway. <i>Chemistry and Biology</i> , 2014, 21, 1265-1270.	6.2	39
118	Regulation of mammalian gene expression by exogenous microRNAs. <i>Wiley Interdisciplinary Reviews RNA</i> , 2012, 3, 733-742.	3.2	38
119	Dietary microRNA—A Novel Functional Component of Food. <i>Advances in Nutrition</i> , 2019, 10, 711-721.	2.9	38
120	Salmonella produce microRNA-like RNA fragment Sal-1 in the infected cells to facilitate intracellular survival. <i>Scientific Reports</i> , 2017, 7, 2392.	1.6	37
121	MicroRNA-128-3p regulates mitomycin C-induced DNA damage response in lung cancer cells through repressing <i>SPTAN1</i> . <i>Oncotarget</i> , 2017, 8, 58098-58107.	0.8	37
122	Protein Tyrosine Phosphatase 1B Impairs Diabetic Wound Healing Through Vascular Endothelial Growth Factor Receptor 2 Dephosphorylation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 163-174.	1.1	35
123	PGC-1 $\alpha$ Inhibits Oleic Acid Induced Proliferation and Migration of Rat Vascular Smooth Muscle Cells. <i>PLoS ONE</i> , 2007, 2, e1137.	1.1	35
124	BAP1 suppresses lung cancer progression and is inhibited by miR-31. <i>Oncotarget</i> , 2016, 7, 13742-13753.	0.8	35
125	Influence of a high-altitude hypoxic environment on human plasma microRNA profiles. <i>Scientific Reports</i> , 2015, 5, 15156.	1.6	34
126	HIC1 and miR-23~27~24 clusters form a double-negative feedback loop in breast cancer. <i>Cell Death and Differentiation</i> , 2017, 24, 421-432.	5.0	34



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127	The E2F1-miR-520/372/373-SPOP Axis Modulates Progression of Renal Carcinoma. <i>Cancer Research</i> , 2018, 78, 6771-6784.	0.4	33
128	Altered profile of serum microRNAs in pancreatic cancer-associated new-onset diabetes mellitus. <i>Journal of Diabetes</i> , 2016, 8, 422-433.	0.8	32
129	Islet $\beta$ cell: An endocrine cell secreting miRNAs. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 1648-1654.	1.0	32
130	Protein Tyrosine Phosphatase 1B Deficiency Ameliorates Murine Experimental Colitis via the Expansion of Myeloid-Derived Suppressor Cells. <i>PLoS ONE</i> , 2013, 8, e70828.	1.1	31
131	Role of Myeloid-Derived Suppressor Cells in Glucocorticoid-Mediated Amelioration of FSGS. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 2183-2197.	3.0	31
132	The protective role of myeloid-derived suppressor cells in concanavalin A-induced hepatic injury. <i>Protein and Cell</i> , 2014, 5, 714-724.	4.8	30
133	Norathyriol reverses obesity- and high-fat-diet-induced insulin resistance in mice through inhibition of PTP1B. <i>Diabetologia</i> , 2014, 57, 2145-2154.	2.9	30
134	3'-Terminal O-methylation of lung cancer miR-21-5p enhances its stability and association with Argonaute2. <i>Nucleic Acids Research</i> , 2020, 48, 7027-7040.	6.5	30
135	Altered serum microRNA expression profile in subjects with heroin and methamphetamine use disorder. <i>Biomedicine and Pharmacotherapy</i> , 2020, 125, 109918.	2.5	30
136	NMDA Receptor Dependent PGC-1 $\alpha$ Up-Regulation Protects the Cortical Neuron Against Oxygen-Glucose Deprivation/Reperfusion Injury. <i>Journal of Molecular Neuroscience</i> , 2009, 39, 262-268.	1.1	29
137	Distinct expression profile of HCMV encoded miRNAs in plasma from oral lichen planus patients. <i>Journal of Translational Medicine</i> , 2017, 15, 133.	1.8	29
138	Let-7f-5p suppresses Th17 differentiation via targeting STAT3 in multiple sclerosis. <i>Aging</i> , 2019, 11, 4463-4477.	1.4	29
139	Elevation of Circulating miR-210-3p in High-Altitude Hypoxic Environment. <i>Frontiers in Physiology</i> , 2016, 7, 84.	1.3	28
140	MiRNA-203 suppresses tumor cell proliferation, migration and invasion by targeting Slug in gastric cancer. <i>Protein and Cell</i> , 2016, 7, 383-387.	4.8	28
141	PGC-1 $\alpha$ over-expression suppresses the skeletal muscle atrophy and myofiber-type composition during hindlimb unloading. <i>Bioscience, Biotechnology and Biochemistry</i> , 2017, 81, 500-513.	0.6	28
142	Gonadal white adipose tissue-derived exosomal MiR-222 promotes obesity-associated insulin resistance. <i>Aging</i> , 2020, 12, 22719-22743.	1.4	28
143	A universal activator of microRNAs identified from photoreaction products. <i>Chemical Communications</i> , 2012, 48, 6432.	2.2	26
144	Plant-derived RNAi therapeutics: A strategic inhibitor of HBsAg. <i>Biomaterials</i> , 2019, 210, 83-93.	5.7	26

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145	A virus-derived microRNA-like small RNA serves as a serum biomarker to prioritize the COVID-19 patients at high risk of developing severe disease. <i>Cell Discovery</i> , 2021, 7, 48.	3.1	26
146	MiR-19b suppresses PTPRC to promote breast tumorigenesis. <i>Oncotarget</i> , 2016, 7, 64100-64108.	0.8	25
147	Role of miR-17 Family in the Negative Feedback Loop of Bone Morphogenetic Protein Signaling in Neuron. <i>PLoS ONE</i> , 2013, 8, e83067.	1.1	24
148	LYAR promotes colorectal cancer cell mobility by activating galectin-1 expression. <i>Oncotarget</i> , 2015, 6, 32890-32901.	0.8	24
149	ING5 suppresses breast cancer progression and is regulated by miR-24. <i>Molecular Cancer</i> , 2017, 16, 89.	7.9	24
150	The PGC-1 $\beta$ /NRF1/miR-378a axis protects vascular smooth muscle cells from FFA-induced proliferation, migration and inflammation in atherosclerosis. <i>Atherosclerosis</i> , 2020, 297, 136-145.	0.4	24
151	A Novel Role for MiR-520a-3p in Regulating EGFR Expression in Colorectal Cancer. <i>Cellular Physiology and Biochemistry</i> , 2017, 42, 1559-1574.	1.1	22
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