

Qing Jing

List of Publications by Year in descending order

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81
papers

5,627
citations

87888

38
h-index

76900

74
g-index

86
all docs

86
docs citations

86
times ranked

9395
citing authors

#	ARTICLE	IF	CITATIONS
1	Circulating microRNA: a novel potential biomarker for early diagnosis of acute myocardial infarction in humans. <i>European Heart Journal</i> , 2010, 31, 659-666.	2.2	1,048
2	Involvement of MicroRNA in AU-Rich Element-Mediated mRNA Instability. <i>Cell</i> , 2005, 120, 623-634.	28.9	787
3	Hypersusceptibility to Vesicular Stomatitis Virus Infection in Dicer1-Deficient Mice Is Due to Impaired miR24 and miR93 Expression. <i>Immunity</i> , 2007, 27, 123-134.	14.3	336
4	Endothelial-specific intron-derived miR-126 is down-regulated in human breast cancer and targets both VEGFA and PIK3R2. <i>Molecular and Cellular Biochemistry</i> , 2011, 351, 157-164.	3.1	194
5	Downregulation of miR-181a upregulates sirtuin-1 (SIRT1) and improves hepatic insulin sensitivity. <i>Diabetologia</i> , 2012, 55, 2032-2043.	6.3	188
6	Performance comparison and evaluation of software tools for microRNA deep-sequencing data analysis. <i>Nucleic Acids Research</i> , 2012, 40, 4298-4305.	14.5	150
7	Detection of Differentially Expressed microRNAs in Serum of Pancreatic Ductal Adenocarcinoma Patients: miR-196a Could Be a Potential Marker for Poor Prognosis. <i>Digestive Diseases and Sciences</i> , 2011, 56, 602-609.	2.3	144
8	Attenuation of microRNA-1 derepresses the cytoskeleton regulatory protein twinfilin-1 to provoke cardiac hypertrophy. <i>Journal of Cell Science</i> , 2010, 123, 2444-2452.	2.0	135
9	MicroRNA degradation and turnover: regulating the regulators. <i>Wiley Interdisciplinary Reviews RNA</i> , 2012, 3, 593-600.	6.4	132
10	Elevated microRNA-155 promotes foam cell formation by targeting HBP1 in atherogenesis. <i>Cardiovascular Research</i> , 2014, 103, 100-110.	3.8	131
11	Mir-144 selectively regulates embryonic β -hemoglobin synthesis during primitive erythropoiesis. <i>Blood</i> , 2009, 113, 1340-1349.	1.4	124
12	MicroRNAs are dynamically regulated in hypertrophic hearts, and miR-199a is essential for the maintenance of cell size in cardiomyocytes. <i>Journal of Cellular Physiology</i> , 2010, 225, 437-443.	4.1	114
13	Attenuation of MicroRNA-22 derepressed PTEN to effectively protect rat cardiomyocytes from hypertrophy. <i>Journal of Cellular Physiology</i> , 2012, 227, 1391-1398.	4.1	91
14	Epithelial-mesenchymal transition of ovarian cancer cells is sustained by Rac1 through simultaneous activation of MEK1/2 and Src signaling pathways. <i>Oncogene</i> , 2017, 36, 1546-1558.	5.9	78
15	Activation of p38 Mitogen-Activated Protein Kinase by Oxidized LDL in Vascular Smooth Muscle Cells. <i>Circulation Research</i> , 1999, 84, 831-839.	4.5	76
16	Lysophosphatidylcholine Activates p38 and p42/44 Mitogen-Activated Protein Kinases in Monocytic THP-1 Cells, but Only p38 Activation Is Involved in Its Stimulated Chemotaxis. <i>Circulation Research</i> , 2000, 87, 52-59.	4.5	76
17	Non-coding RNAs as biomarkers for acute myocardial infarction. <i>Acta Pharmacologica Sinica</i> , 2018, 39, 1110-1119.	6.1	74
18	AU-Rich-Element-Dependent Translation Repression Requires the Cooperation of Tristetraprolin and RCK/P54. <i>Molecular and Cellular Biology</i> , 2012, 32, 913-928.	2.3	70

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19	TAB1 ^{Δ2} (Transforming Growth Factor- β -activated Protein Kinase 1-binding Protein 1 ^{Δ2}), a Novel Splicing Variant of TAB1 That Interacts with p38 β but Not TAK1. <i>Journal of Biological Chemistry</i> , 2003, 278, 2286-2293.	3.4	69
20	Two Functional MicroRNA-126s Repress a Novel Target Gene p21-Activated Kinase 1 to Regulate Vascular Integrity in Zebrafish. <i>Circulation Research</i> , 2011, 108, 201-209.	4.5	67
21	Cyclin-dependent kinase 2 is an ideal target for ovary tumors with elevated cyclin E1 expression. <i>Oncotarget</i> , 2015, 6, 20801-20812.	1.8	67
22	Sensitizing Anthrax Lethal Toxin-resistant Macrophages to Lethal Toxin-induced Killing by Tumor Necrosis Factor- β . <i>Journal of Biological Chemistry</i> , 2003, 278, 7413-7421.	3.4	64
23	Vascular Smooth Muscle Cell Proliferation Is Influenced by let-7d MicroRNA and Its Interaction With KRAS. <i>Circulation Journal</i> , 2011, 75, 703-709.	1.6	56
24	miR-142-3p acts as an essential modulator of neutrophil development in zebrafish. <i>Blood</i> , 2014, 124, 1320-1330.	1.4	56
25	Signaling by p38 MAPK Stimulates Nuclear Localization of the Microprocessor Component p68 for Processing of Selected Primary MicroRNAs. <i>Science Signaling</i> , 2013, 6, ra16.	3.6	55
26	Deletion of BACH1 Attenuates Atherosclerosis by Reducing Endothelial Inflammation. <i>Circulation Research</i> , 2022, 130, 1038-1055.	4.5	55
27	Identifying novel prostate cancer associated pathways based on integrative microarray data analysis. <i>Computational Biology and Chemistry</i> , 2011, 35, 151-158.	2.3	54
28	Rapid Activation of ERK1/2 Mitogen-Activated Protein Kinase by Corticosterone in PC12 Cells. <i>Biochemical and Biophysical Research Communications</i> , 2001, 287, 1017-1024.	2.1	52
29	Heterochromatin protein 1 promotes self-renewal and triggers regenerative proliferation in adult stem cells. <i>Journal of Cell Biology</i> , 2013, 201, 409-425.	5.2	52
30	OxLDL upregulates CXCR2 expression in monocytes via scavenger receptors and activation of p38 mitogen-activated protein kinase. <i>Cardiovascular Research</i> , 2002, 53, 524-532.	3.8	51
31	miR-34b regulates multiciliogenesis during organ formation in zebrafish. <i>Development (Cambridge)</i> , 2013, 140, 2755-2764.	2.5	47
32	miRNAs and lncRNAs in vascular injury and remodeling. <i>Science China Life Sciences</i> , 2014, 57, 826-835.	4.9	46
33	Bach1 regulates self-renewal and impedes mesendodermal differentiation of human embryonic stem cells. <i>Science Advances</i> , 2019, 5, eaau7887.	10.3	46
34	Nuclear receptor Nur77 suppresses inflammatory response dependent on COX-2 in macrophages induced by oxLDL. <i>Journal of Molecular and Cellular Cardiology</i> , 2010, 49, 304-311.	1.9	45
35	MicroRNA-126a Directs Lymphangiogenesis Through Interacting With Chemokine and Flt4 Signaling in Zebrafish. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 2381-2393.	2.4	45
36	Impaired MicroRNA Processing Facilitates Breast Cancer Cell Invasion by Upregulating Urokinase-Type Plasminogen Activator Expression. <i>Genes and Cancer</i> , 2011, 2, 140-150.	1.9	44

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37	Uracils at nucleotide position 9â€“11 are required for the rapid turnover of miR-29 family. <i>Nucleic Acids Research</i> , 2011, 39, 4387-4395.	14.5	41
38	Circulating microRNAs: a novel potential biomarker for diagnosing acute aortic dissection. <i>Scientific Reports</i> , 2017, 7, 12784.	3.3	40
39	Identification of a Human Brain-specific Isoform of Mammalian STE20-like Kinase 3 That Is Regulated by cAMP-dependent Protein Kinase. <i>Journal of Biological Chemistry</i> , 2000, 275, 2513-2519.	3.4	39
40	Uncoupling protein 3 mediates H2O2 preconditioning-afforded cardioprotection through the inhibition of MPTP opening. <i>Cardiovascular Research</i> , 2015, 105, 192-202.	3.8	37
41	Application of droplet digital PCR in quantitative detection of the cell-free circulating circRNAs. <i>Biotechnology and Biotechnological Equipment</i> , 2018, 32, 116-123.	1.3	33
42	Ca(2+) Ion and Autophagy. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1206, 151-166.	1.6	33
43	Atorvastatin suppresses inflammatory response induced by oxLDL through inhibition of ERK phosphorylation, Î²BÎ± degradation, and COXâ€“2 expression in murine macrophages. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 611-618.	2.6	30
44	miR-27a regulates vascular remodeling by targeting endothelial cells' apoptosis and interaction with vascular smooth muscle cells in aortic dissection. <i>Theranostics</i> , 2019, 9, 7961-7975.	10.0	30
45	Suppression of lung cancer progression by isoliquiritigenin through its metabolite 2, 4, 2â€“TM, 4â€“TM-Tetrahydroxychalcone. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 243.	8.6	27
46	Forkhead containing transcription factor Albino controls tetrapyrrole-based body pigmentation in planarian. <i>Cell Discovery</i> , 2016, 2, 16029.	6.7	26
47	Diagnostic implication of fibrin degradation products and D-dimer in aortic dissection. <i>Scientific Reports</i> , 2017, 7, 43957.	3.3	25
48	Rapamycin and CHIR99021 Coordinate Robust Cardiomyocyte Differentiation From Human Pluripotent Stem Cells Via Reducing p53â€“Dependent Apoptosis. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	25
49	Inhibition of endoplasmic reticulum stress by intermedin1-53 attenuates angiotensin IIâ€“induced abdominal aortic aneurysm in ApoE KO Mice. <i>Endocrine</i> , 2018, 62, 90-106.	2.3	22
50	EARLY STRUCTURAL CHANGES OF AORTIC WALL IN SINOARTIC-DENERVATED RATS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2006, 33, 358-363.	1.9	21
51	MicroRNA-22 Inhibits the Apoptosis of Vascular Smooth Muscle Cell by Targeting p38MAPKÎ± in Vascular Remodeling of Aortic Dissection. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 22, 1051-1062.	5.1	19
52	Autophagy in Development and Differentiation. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1206, 469-487.	1.6	19
53	Triple negative breast cancer development can be selectively suppressed by sustaining an elevated level of cellular cyclic AMP through simultaneously blocking its efflux and decomposition. <i>Oncotarget</i> , 2016, 7, 87232-87245.	1.8	19
54	Identification of eight genes that are potentially involved in tamoxifen sensitivity in breast cancer cells. <i>Cell Research</i> , 2005, 15, 439-446.	12.0	18

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55	Computational analysis of microRNA function in heart development. <i>Acta Biochimica Et Biophysica Sinica</i> , 2010, 42, 662-670.	2.0	17
56	Argonaute-2 regulates the proliferation of adult stem cells in planarian. <i>Cell Research</i> , 2011, 21, 1750-1754.	12.0	16
57	Heat shock protein DNAJA1 stabilizes PIWI proteins to support regeneration and homeostasis of planarian <i>Schmidtea mediterranea</i> . <i>Journal of Biological Chemistry</i> , 2019, 294, 9873-9887.	3.4	16
58	Plasma miR-451 with echocardiography serves as a diagnostic reference for pulmonary hypertension. <i>Acta Pharmacologica Sinica</i> , 2018, 39, 1208-1216.	6.1	14
59	Activation of β_1 -adrenoceptors contributes to intermittent hypobaric hypoxia-improved postischemic myocardial performance via inhibiting MMP-2 activation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 306, H1569-H1581.	3.2	13
60	The zebrafish Tie2 signaling controls tip cell behaviors and acts synergistically with Vegf pathway in developmental angiogenesis. <i>Acta Biochimica Et Biophysica Sinica</i> , 2014, 46, 641-646.	2.0	13
61	Single-Cell Transcriptome Analysis Reveals Embryonic Endothelial Heterogeneity at Spatiotemporal Level and Multifunctions of MicroRNA-126 in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2022, 42, 326-342.	2.4	13
62	Dynamic regulation of small RNAome during the early stage of cardiac differentiation from pluripotent embryonic stem cells. <i>Genomics Data</i> , 2017, 12, 136-145.	1.3	12
63	Computational inference and analysis of genetic regulatory networks via a supervised combinatorial-optimization pattern. <i>BMC Systems Biology</i> , 2010, 4, S3.	3.0	10
64	Functions and Regeneration of Mature Cardiac Lymphatic Vessels in Atherosclerosis, Myocardial Infarction, and Heart Failure. <i>Lymphatic Research and Biology</i> , 2018, 16, 507-515.	1.1	10
65	Neoblast-enriched zinc finger protein FIR1 triggers local proliferation during planarian regeneration. <i>Protein and Cell</i> , 2019, 10, 43-59.	11.0	8
66	Identification of a small molecule SR9009 that activates NRF2 to counteract cellular senescence. <i>Aging Cell</i> , 2021, 20, e13483.	6.7	8
67	Single-Cell Analysis Identify Transcription Factor BACH1 as a Master Regulator Gene in Vascular Cells During Aging. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 786496.	3.7	8
68	Pathway analysis of microRNAs in mouse heart development. <i>International Journal of Bioinformatics Research and Applications</i> , 2010, 6, 12.	0.2	7
69	Small RNAome sequencing delineates the small RNA landscape of pluripotent adult stem cells in the planarian <i>Schmidtea mediterranea</i> . <i>Genomics Data</i> , 2017, 14, 114-125.	1.3	6
70	Obestatin ameliorates water retention in chronic heart failure by downregulating renal aquaporin 2 through GPR39, V2R and PPARG signaling. <i>Life Sciences</i> , 2019, 231, 116493.	4.3	5
71	ADP receptor P2y12 prevents excessive primitive hematopoiesis in zebrafish by inhibiting Gata1. <i>Acta Pharmacologica Sinica</i> , 2021, 42, 414-421.	6.1	5
72	MODEL-BASED IDENTIFICATION AND ADAPTIVE CONTROL OF THE CORE MODULE IN A TYPICAL CELL CYCLE PATHWAY VIA NETWORK AND SYSTEM CONTROL THEORIES. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2009, 12, 21-43.	1.4	4

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73	Zfp3611b protects angiogenesis through Notch1b/Dll4 and Vegfa regulation in zebrafish. <i>Atherosclerosis</i> , 2020, 309, 56-64.	0.8	4
74	Characterisation of centriole biogenesis during multiciliation in planarians. <i>Biology of the Cell</i> , 2020, 112, 398-408.	2.0	4
75	P38 activation induces the dissociation of tristetraprolin from Argonaute 2 to increase ARE-mRNA stabilization. <i>Molecular Biology of the Cell</i> , 2018, 29, 988-1002.	2.1	3
76	Single-cell transcriptomics of murine mural cells reveals cellular heterogeneity. <i>Science China Life Sciences</i> , 2020, 64, 1077-1086.	4.9	3
77	Correlation between decreased plasma miR-29a and vascular endothelial injury induced by hyperlipidemia. <i>Herz</i> , 2023, 48, 301-308.	1.1	2
78	Suppression of angiotensin II stimulated responses in aortic vascular smooth muscle cells of experimental cirrhotic rats. <i>Cell Research</i> , 1999, 9, 155-161.	12.0	0
79	In Silico Identification & Adaptive Control of the Motif in the Mammalian G1/S Cell Cycle Pathway. , 2008, , .		0
80	Hepatic microRNA-126 deficiency restrains liver regeneration through p53 pathway in mice. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 32.	17.1	0
81	¼ RNAœè;ç“³æâ’Æéæž,,ä,ä½œç”æœª^çš,,ç”ç©¶è;â±•. <i>Scientia Sinica Vitae</i> , 2022, , .	0.3	0