

# Baofeng Yang

## List of Publications by Year in descending order

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109  
papers

6,075  
citations

109321

35  
h-index

74163

75  
g-index

114  
all docs

114  
docs citations

114  
times ranked

7283  
citing authors

#	ARTICLE	IF	CITATIONS
1	The muscle-specific microRNA miR-1 regulates cardiac arrhythmogenic potential by targeting GJA1 and KCNJ2. <i>Nature Medicine</i> , 2007, 13, 486-491.	30.7	1,070
2	MicroRNA-328 Contributes to Adverse Electrical Remodeling in Atrial Fibrillation. <i>Circulation</i> , 2010, 122, 2378-2387.	1.6	403
3	Nicotine promotes atherosclerosis via ROS-NLRP3-mediated endothelial cell pyroptosis. <i>Cell Death and Disease</i> , 2018, 9, 171.	6.3	371
4	Melatonin prevents endothelial cell pyroptosis via regulation of long noncoding RNA MEG3/miR-223/NLRP3 axis. <i>Journal of Pineal Research</i> , 2018, 64, e12449.	7.4	313
5	MicroRNA-26 governs profibrillatory inward-rectifier potassium current changes in atrial fibrillation. <i>Journal of Clinical Investigation</i> , 2013, 123, 1939-1951.	8.2	232
6	MIAT Is a Pro-fibrotic Long Non-coding RNA Governing Cardiac Fibrosis in Post-infarct Myocardium. <i>Scientific Reports</i> , 2017, 7, 42657.	3.3	172
7	MicroRNA-1 downregulation by propranolol in a rat model of myocardial infarction: a new mechanism for ischaemic cardioprotection. <i>Cardiovascular Research</i> , 2009, 84, 434-441.	3.8	148
8	LncRNA <i>ZFAS1</i> as a SERCA2a Inhibitor to Cause Intracellular Ca <sup>2+</sup> Overload and Contractile Dysfunction in a Mouse Model of Myocardial Infarction. <i>Circulation Research</i> , 2018, 122, 1354-1368.	4.5	147
9	MicroRNA-26a prevents endothelial cell apoptosis by directly targeting TRPC6 in the setting of atherosclerosis. <i>Scientific Reports</i> , 2015, 5, 9401.	3.3	127
10	LncRNA PFL contributes to cardiac fibrosis by acting as a competing endogenous RNA of let-7d. <i>Theranostics</i> , 2018, 8, 1180-1194.	10.0	121
11	Pyroptosis is involved in the pathogenesis of human hepatocellular carcinoma. <i>Oncotarget</i> , 2016, 7, 84658-84665.	1.8	117
12	MicroRNAs and atrial fibrillation: mechanisms and translational potential. <i>Nature Reviews Cardiology</i> , 2015, 12, 80-90.	13.7	116
13	The Long Noncoding RNA CAREL Controls Cardiac Regeneration. <i>Journal of the American College of Cardiology</i> , 2018, 72, 534-550.	2.8	115
14	The Antifibrotic Effects and Mechanisms of MicroRNA-26a Action in Idiopathic Pulmonary Fibrosis. <i>Molecular Therapy</i> , 2014, 22, 1122-1133.	8.2	111
15	Reciprocal Changes of Circulating Long Non-Coding RNAs ZFAS1 and CDR1AS Predict Acute Myocardial Infarction. <i>Scientific Reports</i> , 2016, 6, 22384.	3.3	109
16	Choline Produces Cytoprotective Effects Against Ischemic Myocardial Injuries: Evidence for the Role of Cardiac M <sub>3</sub> Subtype Muscarinic Acetylcholine Receptors. <i>Cellular Physiology and Biochemistry</i> , 2005, 16, 163-174.	1.6	104
17	MicroRNAs and atrial fibrillation: new fundamentals. <i>Cardiovascular Research</i> , 2011, 89, 710-721.	3.8	97
18	Long noncoding RNA H <sup>19</sup> mediates melatonin inhibition of premature senescence of cardiac progenitor cells by promoting miR-675. <i>Journal of Pineal Research</i> , 2016, 61, 82-95.	7.4	92

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19	ALKBH5 regulates cardiomyocyte proliferation and heart regeneration by demethylating the mRNA of YTHDF1. <i>Theranostics</i> , 2021, 11, 3000-3016.	10.0	92
20	Control of cardiac excitability by microRNAs. <i>Cardiovascular Research</i> , 2008, 79, 571-580.	3.8	86
21	MicroRNA-328 as a regulator of cardiac hypertrophy. <i>International Journal of Cardiology</i> , 2014, 173, 268-276.	1.7	84
22	Berberine Hydrochloride Prevents Postsurgery Intestinal Adhesion and Inflammation in Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014, 349, 417-426.	2.5	79
23	miR-183 regulates autophagy and apoptosis in colorectal cancer through targeting of UVRAG. <i>Oncotarget</i> , 2016, 7, 4735-4745.	1.8	67
24	miR-106a promotes cardiac hypertrophy by targeting mitofusin 2. <i>Journal of Molecular and Cellular Cardiology</i> , 2016, 99, 207-217.	1.9	61
25	Long non-coding RNA CCRR controls cardiac conduction via regulating intercellular coupling. <i>Nature Communications</i> , 2018, 9, 4176.	12.8	60
26	Genistein alleviates pressure overload-induced cardiac dysfunction and interstitial fibrosis in mice. <i>British Journal of Pharmacology</i> , 2015, 172, 5559-5572.	5.4	55
27	Pilocarpine modulates the cellular electrical properties of mammalian hearts by activating a cardiac M3 receptor and a K <sup>+</sup> current. <i>British Journal of Pharmacology</i> , 1999, 126, 1725-1734.	5.4	53
28	Efficacy and Safety of Triazavirin Therapy for Coronavirus Disease 2019: A Pilot Randomized Controlled Trial. <i>Engineering</i> , 2020, 6, 1185-1191.	6.7	47
29	Endothelial to mesenchymal transition contributes to arsenic-trioxide-induced cardiac fibrosis. <i>Scientific Reports</i> , 2016, 6, 33787.	3.3	44
30	Long non-coding RNA cardiac hypertrophy-associated regulator governs cardiac hypertrophy via regulating miR-20b and the downstream PTEN/AKT pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 7685-7698.	3.6	44
31	Targeting LncDACH1 promotes cardiac repair and regeneration after myocardium infarction. <i>Cell Death and Differentiation</i> , 2020, 27, 2158-2175.	11.2	43
32	Heme oxygenase-1 prevents heart against myocardial infarction by attenuating ischemic injury-induced cardiomyocytes senescence. <i>EBioMedicine</i> , 2019, 39, 59-68.	6.1	42
33	MiR-135b protects cardiomyocytes from infarction through restraining the NLRP3/caspase-1/IL-1 <sup>β</sup> pathway. <i>International Journal of Cardiology</i> , 2020, 307, 137-145.	1.7	42
34	Downregulation of Long Non-Coding RNA Kcnq1ot1: An Important Mechanism of Arsenic Trioxide-Induced Long QT Syndrome. <i>Cellular Physiology and Biochemistry</i> , 2018, 45, 192-202.	1.6	41
35	Low-Intensity Pulsed Ultrasound Prevents the Oxidative Stress Induced Endothelial-Mesenchymal Transition in Human Aortic Endothelial Cells. <i>Cellular Physiology and Biochemistry</i> , 2018, 45, 1350-1365.	1.6	40
36	Long Noncoding RNA "DACH1 (Dachshund Homolog 1) Regulates Cardiac Function by Inhibiting SERCA2a (Sarcoplasmic Reticulum Calcium ATPase 2a). <i>Hypertension</i> , 2019, 74, 833-842.	2.7	40

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37	Long non-coding RNAs as new regulators of cardiac electrophysiology and arrhythmias: Molecular mechanisms, therapeutic implications and challenges. , 2019, 203, 107389.		38
38	Fibroblast growth factor 21 inhibited ischemic arrhythmias via targeting miR-143/EGR1 axis. Basic Research in Cardiology, 2020, 115, 9.	5.9	38
39	GDF11 inhibits cardiomyocyte pyroptosis and exerts cardioprotection in acute myocardial infarction mice by upregulation of transcription factor HOXA3. Cell Death and Disease, 2020, 11, 917.	6.3	38
40	Mesenchymal Stem Cells and Cardiomyocytes Interplay to Prevent Myocardial Hypertrophy. Stem Cells Translational Medicine, 2015, 4, 1425-1435.	3.3	35
41	Phospholipid Metabolite 1-Palmitoyl-Lysophosphatidylcholine Enhances Human Ether-a-Go-Go -Related Gene (HERG) K + Channel Function. Circulation, 2001, 104, 2645-2648.	1.6	33
42	Emodin alleviates cardiac fibrosis by suppressing activation of cardiac fibroblasts via upregulating metastasis associated protein 3. Acta Pharmaceutica Sinica B, 2019, 9, 724-733.	12.0	32
43	The long noncoding RNA lncCIRBIL disrupts the nuclear translocation of Bclaf1 alleviating cardiac ischemiaâ€“reperfusion injury. Nature Communications, 2021, 12, 522.	12.8	32
44	Overexpression of miR-135b attenuates pathological cardiac hypertrophy by targeting CACNA1C. International Journal of Cardiology, 2018, 269, 235-241.	1.7	31
45	MicroRNA-30c contributes to the development of hypoxia pulmonary hypertension by inhibiting platelet-derived growth factor receptor I <sup>2</sup> expression. International Journal of Biochemistry and Cell Biology, 2015, 64, 155-166.	2.8	29
46	Long non-coding RNA Gm2199 rescues liver injury and promotes hepatocyte proliferation through the upregulation of ERK1/2. Cell Death and Disease, 2018, 9, 602.	6.3	28
47	Expression profile of long non-coding RNAs in a mouse model of cardiac hypertrophy. International Journal of Cardiology, 2014, 177, 73-75.	1.7	27
48	MicroRNA-300 inhibited glioblastoma progression through ROCK1. Oncotarget, 2016, 7, 36529-36538.	1.8	27
49	LncDACH1 promotes mitochondrial oxidative stress of cardiomyocytes by interacting with sirtuin3 and aggravates diabetic cardiomyopathy. Science China Life Sciences, 2022, 65, 1198-1212.	4.9	27
50	Arsenic trioxide and mannitol for the treatment of acute promyelocytic leukemia relapse in the central nervous system. Blood, 2014, 124, 1998-2000.	1.4	25
51	Over-expression of microRNA-1 causes arrhythmia by disturbing intracellular trafficking system. Scientific Reports, 2017, 7, 46259.	3.3	25
52	MicroRNA-17 impairs glucose metabolism in insulin-resistant skeletal muscle via repressing glucose transporter 4 expression. European Journal of Pharmacology, 2018, 838, 170-176.	3.5	25
53	Apoptosis-inducing effects and growth inhibitory of a novel chalcone, in human hepatic cancer cells and lung cancer cells. Biomedicine and Pharmacotherapy, 2018, 105, 195-203.	5.6	24
54	Emodin improves glucose metabolism by targeting microRNA-20b in insulin-resistant skeletal muscle. Phytomedicine, 2019, 59, 152758.	5.3	23

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55	Kanglexin, a new anthraquinone compound, attenuates lipid accumulation by activating the AMPK/SREBP-2/PCSK9/LDLR signalling pathway. <i>Biomedicine and Pharmacotherapy</i> , 2021, 133, 110802.	5.6	22
56	Jujuboside B Reduces Vascular Tension by Increasing Ca <sup>2+</sup> Influx and Activating Endothelial Nitric Oxide Synthase. <i>PLoS ONE</i> , 2016, 11, e0149386.	2.5	21
57	Berberine prevents primary peritoneal adhesion and adhesion reformation by directly inhibiting TIMP-1. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 812-824.	12.0	21
58	HYD-PEP06 suppresses hepatocellular carcinoma metastasis, epithelialâ€“mesenchymal transition and cancer stem cell-like properties by inhibiting PI3K/AKT and WNT/Î²-catenin signaling activation. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 1592-1606.	12.0	21
59	CircHelz activates NLRP3 inflammasome to promote myocardial injury by sponging miR-133a-3p in mouse ischemic heart. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 158, 128-139.	1.9	20
60	Over-expression of hypoxia-inducible factor-1 alpha in vitro protects the cardiac fibroblasts from hypoxia-induced apoptosis. <i>Journal of Cardiovascular Medicine</i> , 2014, 15, 579-586.	1.5	19
61	Increase of late sodium current contributes to enhanced susceptibility to atrial fibrillation in diabetic mice. <i>European Journal of Pharmacology</i> , 2019, 857, 172444.	3.5	19
62	The anti-hyperglycemic efficacy of a lipid-lowering drug Daming capsule and the underlying signaling mechanisms in a rat model of diabetes mellitus. <i>Scientific Reports</i> , 2016, 6, 34284.	3.3	18
63	PEP06 polypeptide 30 exerts antitumour effect in colorectal carcinoma <i>via</i> inhibiting epithelialâ€“mesenchymal transition. <i>British Journal of Pharmacology</i> , 2018, 175, 3111-3130.	5.4	18
64	SIRT6-mediated transcriptional suppression of MALAT1 is a key mechanism for endothelial to mesenchymal transition. <i>International Journal of Cardiology</i> , 2019, 295, 7-13.	1.7	18
65	PEP06 polypeptide 30 is a novel cluster-dissociating agent inhibiting v integrin/FAK/Src signaling in oral squamous cell carcinoma cells. <i>Acta Pharmaceutica Sinica B</i> , 2019, 9, 1163-1173.	12.0	18
66	Kanglexin accelerates diabetic wound healing by promoting angiogenesis via FGFR1/ERK signaling. <i>Biomedicine and Pharmacotherapy</i> , 2020, 132, 110933.	5.6	17
67	ALKBH5-mediated m6A mRNA methylation governs human embryonic stem cell cardiac commitment. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 26, 22-33.	5.1	17
68	Identification and Functional Verification of MicroRNAs in the Obese Rat With Erectile Dysfunction. <i>Sexual Medicine</i> , 2017, 5, e261-e271.	1.6	16
69	Abnormal Downregulation of Caveolin-3 Mediates the Pro-Fibrotic Action of MicroRNA-22 in a Model of Myocardial Infarction. <i>Cellular Physiology and Biochemistry</i> , 2018, 45, 1641-1653.	1.6	16
70	Daming capsule, a hypolipidaemic drug, lowers blood lipids by activating the AMPK signalling pathway. <i>Biomedicine and Pharmacotherapy</i> , 2019, 117, 109176.	5.6	16
71	Emodin succinyl ester inhibits malignant proliferation and migration of hepatocellular carcinoma by suppressing the interaction of AR and EZH2. <i>Biomedicine and Pharmacotherapy</i> , 2020, 128, 110244.	5.6	16
72	Acetyl salicylic acid attenuates cardiac hypertrophy through Wnt signaling. <i>Frontiers of Medicine</i> , 2015, 9, 444-456.	3.4	15

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73	Caveolin proteins: a molecular insight into disease. <i>Frontiers of Medicine</i> , 2016, 10, 397-404.	3.4	15
74	SNX17 produces anti-arrhythmic effects by preserving functional SERCA2a protein in myocardial infarction. <i>International Journal of Cardiology</i> , 2018, 272, 298-305.	1.7	14
75	Anthocyanidin attenuates myocardial ischemia induced injury via inhibition of ROSâ€¦JNKâ€¦Bclâ€¦2 pathway: New mechanism of anthocyanidin action. <i>Phytotherapy Research</i> , 2019, 33, 3129-3139.	5.8	14
76	The Efficacy and Safety of Triazavirin for COVID-19: A Trial Protocol. <i>Engineering</i> , 2020, 6, 1199-1204.	6.7	13
77	Anthocyanin Protects Cardiac Function and Cardiac Fibroblasts From High-Glucose Induced Inflammation and Myocardial Fibrosis by Inhibiting IL-17. <i>Frontiers in Pharmacology</i> , 2020, 11, 593633.	3.5	13
78	Ranolazine protects against diabetic cardiomyopathy by activating the NOTCH1/NRG1 pathway. <i>Life Sciences</i> , 2020, 261, 118306.	4.3	12
79	LncRNA MIAT impairs cardiac contractile function by acting on mitochondrial translocator protein TSPO in a mouse model of myocardial infarction. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 172.	17.1	12
80	MIAT, a potent CVD-promoting lncRNA. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 1.	5.4	12
81	GDF11 replenishment protects against hypoxia-mediated apoptosis in cardiomyocytes by regulating autophagy. <i>European Journal of Pharmacology</i> , 2020, 885, 173495.	3.5	11
82	Upâ€¦regulation of miRâ€¦195 contributes to cardiac hypertrophyâ€¦induced arrhythmia by targeting calcium and potassium channels. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 7991-8005.	3.6	11
83	Kang Le Xin Reduces Blood Pressure Through Inducing Endothelial-Dependent Vasodilation by Activating the AMPK-eNOS Pathway. <i>Frontiers in Pharmacology</i> , 2019, 10, 1548.	3.5	11
84	The whole transcriptome analysis and the circRNA-lncRNA network construction in arsenic trioxide-treated mice myocardium. <i>Biomedicine and Pharmacotherapy</i> , 2022, 151, 113183.	5.6	9
85	Photobiomodulation Drives MiR-136-5p Expression to Promote Injury Repair after Myocardial Infarction. <i>International Journal of Biological Sciences</i> , 2022, 18, 2980-2993.	6.4	8
86	Aloe-emodin derivative produces anti-atherosclerosis effect by reinforcing AMBRA1-mediated endothelial autophagy. <i>European Journal of Pharmacology</i> , 2022, 916, 174641.	3.5	7
87	LncRNA LOC105378097 inhibits cardiac mitophagy in natural ageing mice. <i>Clinical and Translational Medicine</i> , 2022, 12, .	4.0	7
88	A LC-MS/MS method to monitor the concentration of HYD-PEP06, a RGD-modified Endostar mimetic peptide in rat blood. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1092, 296-305.	2.3	6
89	Cytoplasmic sequestration of p53 by lncRNA-CIRPIL alleviates myocardial ischemia/reperfusion injury. <i>Communications Biology</i> , 2022, 5, .	4.4	6
90	4-Alkyl-5,7-dihydroxycoumarins from the flowering buds of <i>Mesua ferrea</i> . <i>FÃ–toterapÃ–Ã–</i> , 2019, 138, 104192.	2.2	5

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91	Chinese innovation in cardiovascular drug discovery. <i>British Journal of Pharmacology</i> , 2015, 172, 5425-5429.	5.4	4
92	Systematic Analysis of Intestinal MicroRNAs Expression in HCC: Identification of Suitable Reference Genes in Fecal Samples. <i>Frontiers in Genetics</i> , 2019, 10, 687.	2.3	4
93	Fibroblast Growth Factor 21 Ameliorates NaV1.5 and Kir2.1 Channel Dysregulation in Human AC16 Cardiomyocytes. <i>Frontiers in Pharmacology</i> , 2021, 12, 715466.	3.5	4
94	Light Emitting Diodes Photobiomodulation Improves Cardiac Function by Promoting ATP Synthesis in Mice With Heart Failure. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 753664.	2.4	4
95	Pneumonic plague epidemic in Northeast China in 1910-1911: Dr. Wu Lien-Teh's epidemic preventive system for plague control. <i>Frontiers of Medicine</i> , 2018, 12, 113-115.	3.4	3
96	Detecting Establishment of Shared Blood Supply in Parabiotic Mice by Caudal Vein Glucose Injection. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	3
97	Deficiency of CXXC finger protein 1 leads to small changes in heart rate but moderate epigenetic alterations and significant protein downregulation of hyperpolarization-activated cyclic nucleotide-gated 4 (HCN4) ion channels in mice. <i>Heart Rhythm</i> , 2021, 18, 1780-1789.	0.7	3
98	Editorial for the Special Issue on COVID-19. <i>Engineering</i> , 2020, 6, 1057-1060.	6.7	2
99	iASPP protects the heart from ischemia injury by inhibiting p53 expression and cardiomyocyte apoptosis. <i>Acta Biochimica Et Biophysica Sinica</i> , 2020, 53, 102-111.	2.0	2
100	Prevention and control measures of the major cold-region diseases (hypertension) in China. <i>Frigid Zone Medicine</i> , 2021, 1, 3-8.	0.3	2
101	Kanglexin protects against cardiac fibrosis and dysfunction in mice by TGF- $\beta$ 1/ERK1/2 noncanonical pathway. <i>Frontiers in Pharmacology</i> , 2020, 11, 572637.	3.5	2
102	MORPHOLOGICAL REMODELING OF VAGAL AFFERENT PROJECTIONS TO THE AORTIC ARCH IN F344 RATS FOLLOWING CHRONIC INTERMITTENT HYPOXIA (CIH). <i>FASEB Journal</i> , 2007, 21, A824.	0.5	2
103	MiR-203 is an anti-obese microRNA by targeting apical sodium-dependent bile acid transporter. <i>IScience</i> , 2022, 25, 104708.	4.1	2
104	MICRORNAS CONTROL CARDIAC FIBROSIS. <i>Heart</i> , 2012, 98, E28.2-E29.	2.9	1
105	EAG K+ channel joins the p53/miR-34/E2F1 signaling pathway as a terminal effector component for its oncogenic overexpression and action. <i>Nature Precedings</i> , 2010, , .	0.1	0
106	PGE 2 inhibits the basolateral 50 pS K channels in the thick ascending limb (TAL) of rat kidney by PKC and MAPK. <i>FASEB Journal</i> , 2008, 22, 1158.1.	0.5	0
107	Molecular mechanism in protein kinase C-induced inhibition of recombinant vascular KATP channels. <i>FASEB Journal</i> , 2008, 22, 1201.6.	0.5	0
108	The role of non-coding RNAs in malignant cardiac diseases. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, CL-2.	0.0	0

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109	Altered expression profile of long non-coding RNAs during heart aging in mice. <i>Frigid Zone Medicine</i> , 2022, 2, 109-118.	0.3	0