Kun Wang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3603392/publications.pdf

Version: 2024-02-01

80 papers	14,943 citations	81900 39 h-index	66911 78 g-index
82 all docs	82 docs citations	82 times ranked	16778 citing authors

#	Article	IF	Citations
1	The circRNA CNEACR regulates necroptosis of cardiomyocytes through Foxa2 suppression. Cell Death and Differentiation, 2022, 29, 527-539.	11.2	33
2	circRNA is a potential target for cardiovascular diseases treatment. Molecular and Cellular Biochemistry, 2022, 477, 417-430.	3.1	19
3	The Emerging Roles of Circular RNAs in the Chemoresistance of Gastrointestinal Cancer. Frontiers in Cell and Developmental Biology, 2022, 10, 821609.	3.7	12
4	PIWIâ€Interacting RNA HAAPIR Regulates Cardiomyocyte Death After Myocardial Infarction by Promoting NAT10â€Mediated ac⁴C Acetylation of Tfec mRNA. Advanced Science, 2022, 9, e2106058.	11.2	28
5	Glucose-responsive nanogels efficiently maintain the stability and activity of therapeutic enzymes. Nanotechnology Reviews, 2022, 11, 1511-1524.	5.8	14
6	Insights Into Ferroptosis, a Novel Target for the Therapy of Cancer. Frontiers in Oncology, 2022, 12, 812534.	2.8	13
7	Emerging function and clinical significance of extracellular vesicle noncoding RNAs in lung cancer. Molecular Therapy - Oncolytics, 2022, 24, 814-833.	4.4	10
8	Development of vericiguat: The first soluble guanylate cyclase (sGC) stimulator launched for heart failure with reduced ejection fraction (HFrEF). Biomedicine and Pharmacotherapy, 2022, 149, 112894.	5.6	15
9	Inhibition of Heat Shock Protein 90 Attenuates the Damage of Blood-Brain Barrier Integrity in Traumatic Brain Injury Mouse Model. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-8.	4.0	0
10	Sensitive naked-eye detection of telomerase activity based on exponential amplification reaction and lateral flow assay. Analytical and Bioanalytical Chemistry, 2022, 414, 6139-6147.	3.7	3
11	Mechanism of Ferroptosis: A Potential Target for Cardiovascular Diseases Treatment. , 2021, 12, 261.		41
12	Deep pyramid local attention neural network for cardiac structure segmentation in two-dimensional echocardiography. Medical Image Analysis, 2021, 67, 101873.	11.6	39
13	Extrachromosomal Circular DNAs: Origin, formation and emerging function in Cancer. International Journal of Biological Sciences, 2021, 17, 1010-1025.	6.4	27
14	Alteration of MDM2 by the Small Molecule YF438 Exerts Antitumor Effects in Triple-Negative Breast Cancer. Cancer Research, 2021, 81, 4027-4040.	0.9	30
15	Association of Clinical and Immunological Characteristics With Disease Severity and Outcomes in 211 Patients With COVID-19 in Wuhan, China. Frontiers in Cellular and Infection Microbiology, 2021, 11, 667487.	3.9	12
16	The Emerging Roles of Autophagy-Related MicroRNAs in Cancer. International Journal of Biological Sciences, 2021, 17, 134-150.	6.4	34
17	Nanomedicines for the Efficient Treatment of Intracellular Bacteria: The â€œARTâ€•Principle. Frontiers in Chemistry, 2021, 9, 775682.	3.6	16
18	Systematically Displaying the Pathogenesis of Keratoconus via Multi-Level Related Gene Enrichment-Based Review. Frontiers in Medicine, 2021, 8, 770138.	2.6	6

#	Article	IF	Citations
19	NFATc3-dependent expression of miR-153-3p promotes mitochondrial fragmentation in cardiac hypertrophy by impairing mitofusin-1 expression. Theranostics, 2020, 10, 553-566.	10.0	32
20	The piRNA CHAPIR regulates cardiac hypertrophy by controlling METTL3-dependent N6-methyladenosine methylation of Parp10 mRNA. Nature Cell Biology, 2020, 22, 1319-1331.	10.3	93
21	Emerging Function and Clinical Significance of Exosomal circRNAs in Cancer. Molecular Therapy - Nucleic Acids, 2020, 21, 367-383.	5.1	58
22	Effects of REDOX in Regulating and Treatment of Metabolic and Inflammatory Cardiovascular Diseases. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-13.	4.0	13
23	The Underlying Mechanisms of Noncoding RNAs in the Chemoresistance of Hepatocellular Carcinoma. Molecular Therapy - Nucleic Acids, 2020, 21, 13-27.	5.1	29
24	Insights into the regulatory role of circRNA in angiogenesis and clinical implications. Atherosclerosis, 2020, 298, 14-26.	0.8	79
25	Circular RNA Expression Profiles and the Pro-tumorigenic Function of CircRNA_10156 in Hepatitis B Virus-Related Liver Cancer. International Journal of Medical Sciences, 2020, 17, 1351-1365.	2.5	28
26	The Multifaceted Roles of Pyroptotic Cell Death Pathways in Cancer. Cancers, 2019, 11, 1313.	3.7	45
27	Biogenesis, functions and clinical significance of circRNAs in gastric cancer. Molecular Cancer, 2019, 18, 136.	19.2	155
28	Mitochondrial miR-762 regulates apoptosis and myocardial infarction by impairing ND2. Cell Death and Disease, 2019, 10, 500.	6.3	70
29	Long Noncoding RNA CPR (Cardiomyocyte Proliferation Regulator) Regulates Cardiomyocyte Proliferation and Cardiac Repair. Circulation, 2019, 139, 2668-2684.	1.6	125
30	Identification of Extrachromosomal Linear microDNAs Interacted with microRNAs in the Cell Nuclei. Cells, 2019, 8, 111.	4.1	3
31	The role of postâ€translational modifications in cardiac hypertrophy. Journal of Cellular and Molecular Medicine, 2019, 23, 3795-3807.	3.6	56
32	Reactive Oxygen Species Related Noncoding RNAs as Regulators of Cardiovascular Diseases. International Journal of Biological Sciences, 2019, 15, 680-687.	6.4	31
33	Mitochondrial metabolism is inhibited by the <scp>HIF</scp>1Î±â€<scp>MYC</scp>â€<scp>PGC</scp>â€1Î² axis in <scp>BRAF</scp> V600E thyroid cancer. FEBS Journal, 2019, 286, 1420-1436.	4.7	25
34	The circular RNA ACR attenuates myocardial ischemia/reperfusion injury by suppressing autophagy via modulation of the Pink1/ FAM65B pathway. Cell Death and Differentiation, 2019, 26, 1299-1315.	11.2	177
35	LncRNA CAIF inhibits autophagy and attenuates myocardial infarction by blocking p53-mediated myocardin transcription. Nature Communications, 2018, 9, 29.	12.8	247
36	Role of noncoding RNAs in regulation of cardiac cell death and cardiovascular diseases. Cellular and Molecular Life Sciences, 2018, 75, 291-300.	5.4	27

#	Article	IF	Citations
37	A comprehensive review of circRNA: from purification and identification to disease marker potential. PeerJ, 2018, 6, e5503.	2.0	89
38	Non-coding RNA-linked epigenetic regulation in cardiac hypertrophy. International Journal of Biological Sciences, 2018, 14, 1133-1141.	6.4	29
39	The role of K63â€linked polyubiquitination in cardiac hypertrophy. Journal of Cellular and Molecular Medicine, 2018, 22, 4558-4567.	3.6	17
40	Foxo3a inhibits mitochondrial fission and protects against doxorubicin-induced cardiotoxicity by suppressing MIEF2. Free Radical Biology and Medicine, 2017, 104, 360-370.	2.9	34
41	Circular RNA mediates cardiomyocyte death via miRNA-dependent upregulation of MTP18 expression. Cell Death and Differentiation, 2017, 24, 1111-1120.	11.2	268
42	microRNAs: important regulators of stem cells. Stem Cell Research and Therapy, 2017, 8, 110.	5.5	122
43	Chemotherapy drugs induce pyroptosis through caspase-3 cleavage of a gasdermin. Nature, 2017, 547, 99-103.	27.8	1,793
44	Near-infrared light-responsive nanoparticles with thermosensitive yolk-shell structure for multimodal imaging and chemo-photothermal therapy of tumor. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 1607-1616.	3.3	56
45	Effects of mi<scp>RNA</scp>s on myocardial apoptosis by modulating mitochondria related proteins. Clinical and Experimental Pharmacology and Physiology, 2017, 44, 431-440.	1.9	29
46	A FGFR1 inhibitor patent review: progress since 2010. Expert Opinion on Therapeutic Patents, 2017, 27, 439-454.	5.0	8
47	PIWI family emerging as a decisive factor of cell fate: An overview. European Journal of Cell Biology, 2017, 96, 746-757.	3.6	44
48	The role of miR-214 in cardiovascular diseases. European Journal of Pharmacology, 2017, 816, 138-145.	3.5	54
49	MiR-485-5p modulates mitochondrial fission through targeting mitochondrial anchored protein ligase in cardiac hypertrophy. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 2871-2881.	3.8	45
50	Understanding cardiomyocyte proliferation: an insight into cell cycle activity. Cellular and Molecular Life Sciences, 2017, 74, 1019-1034.	5.4	63
51	The Role of MicroRNA and LncRNAâ€“MicroRNA Interactions in Regulating Ischemic Heart Disease. Journal of Cardiovascular Pharmacology and Therapeutics, 2017, 22, 105-111.	2.0	34
52	The Role and Molecular Mechanism of Non-Coding RNAs in Pathological Cardiac Remodeling. International Journal of Molecular Sciences, 2017, 18, 608.	4.1	42
53	The Role of MicroRNAs in Myocardial Infarction: From Molecular Mechanism to Clinical Application. International Journal of Molecular Sciences, 2017, 18, 745.	4.1	133
54	miR-155 Promotes ox-LDL-Induced Autophagy in Human Umbilical Vein Endothelial Cells. Mediators of Inflammation, 2017, 2017, 1-7.	3.0	23

#	Article	IF	Citations
55	MicroRNA as a Therapeutic Target in Cardiac Remodeling. BioMed Research International, 2017, 2017, 1-25.	1.9	63
56	Pore-forming activity and structural autoinhibition of the gasdermin family. Nature, 2016, 535, 111-116.	27.8	1,812
57	A circular RNA protects the heart from pathological hypertrophy and heart failure by targeting miR-223. European Heart Journal, 2016, 37, 2602-2611.	2.2	754
58	MicroRNA-2861 regulates programmed necrosis in cardiomyocyte by impairing adenine nucleotide translocase 1 expression. Free Radical Biology and Medicine, 2016, 91, 58-67.	2.9	24
59	A Novel Endoscopic Cerenkov Luminescence Imaging System for Intraoperative Surgical Navigation. Molecular Imaging, 2015, 14, 7290.2015.00018.	1.4	27
60	MicroRNA-34 Family and Its Role in Cardiovascular Disease. Critical Reviews in Eukaryotic Gene Expression, 2015, 25, 293-297.	0.9	26
61	MicroRNA-103/107 Regulate Programmed Necrosis and Myocardial Ischemia/Reperfusion Injury Through Targeting FADD. Circulation Research, 2015, 117, 352-363.	4.5	227
62	Oxidative Modification of miR-184 Enables It to Target Bcl-xL and Bcl-w. Molecular Cell, 2015, 59, 50-61.	9.7	141
63	E2F1-dependent miR-421 regulates mitochondrial fragmentation and myocardial infarction by targeting Pink1. Nature Communications, 2015, 6, 7619.	12.8	87
64	APF lncRNA regulates autophagy and myocardial infarction by targeting miR-188-3p. Nature Communications, 2015, 6, 6779.	12.8	405
65	Cleavage of GSDMD by inflammatory caspases determines pyroptotic cell death. Nature, 2015, 526, 660-665.	27.8	4,072
66	Association of TRAIL and Its Receptors with Large-Artery Atherosclerotic Stroke. PLoS ONE, 2015, 10, e0136414.	2.5	18
67	MDRL lncRNA Regulates the Processing of miR-484 Primary Transcript by Targeting miR-361. PLoS Genetics, 2014, 10, e1004467.	3.5	108
68	CARL lncRNA inhibits anoxia-induced mitochondrial fission and apoptosis in cardiomyocytes by impairing miR-539-dependent PHB2 downregulation. Nature Communications, 2014, 5, 3596.	12.8	388
69	The Long Noncoding RNA CHRF Regulates Cardiac Hypertrophy by Targeting miR-489. Circulation Research, 2014, 114, 1377-1388.	4.5	525
70	PiRNAs link epigenetic modifications to reprogramming. Histology and Histopathology, 2014, 29, 1489-97.	0.7	6
71	Mitochondrial function in cardiac hypertrophy. International Journal of Cardiology, 2013, 167, 1118-1125.	1.7	37
72	miR-761 regulates the mitochondrial network by targeting mitochondrial fission factor. Free Radical Biology and Medicine, 2013, 65, 371-379.	2.9	88

#	Article	IF	Citations
73	Cardiac Hypertrophy Is Positively Regulated by MicroRNA miR-23a. Journal of Biological Chemistry, 2012, 287, 589-599.	3.4	105
74	miR-484 regulates mitochondrial network through targeting Fis1. Nature Communications, 2012, 3, 781.	12.8	192
75	miR-499 regulates mitochondrial dynamics by targeting calcineurin and dynamin-related protein-1. Nature Medicine, 2011, 17, 71-78.	30.7	521
76	Temporal scaling properties and spatial synchronization of spontaneous blood oxygenation levelâ€dependent (BOLD) signal fluctuations in rat sensorimotor network at different levels of isoflurane anesthesia. NMR in Biomedicine, 2011, 24, 61-67.	2.8	62
77	Foxo3a Regulates Apoptosis by Negatively Targeting miR-21. Journal of Biological Chemistry, 2010, 285, 16958-16966.	3.4	95
78	miR-9 and NFATc3 Regulate Myocardin in Cardiac Hypertrophy. Journal of Biological Chemistry, 2010, 285, 11903-11912.	3.4	135
79	miR-23a functions downstream of NFATc3 to regulate cardiac hypertrophy. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 12103-12108.	7.1	330
80	Foxo3a Inhibits Cardiomyocyte Hypertrophy through Transactivating Catalase. Journal of Biological Chemistry, 2008, 283, 29730-29739.	3.4	167