

Yingjie Chen

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

102
papers

3,965
citations

39
h-index

60
g-index

108
ext. papers

4,578
ext. citations

7.3
avg, IF

5.03
L-index

#	Paper	IF	Citations
102	miR-1307 promotes hepatocarcinogenesis by CALR-OSTC-endoplasmic reticulum protein folding pathway. <i>IScience</i> , 2021 , 24, 103271	6.1	0
101	Linoleic acid-modified liposomes for the removal of protein-bound toxins: An in vitro study. <i>International Journal of Artificial Organs</i> , 2021 , 44, 393-403	1.9	1
100	Programmed death-1 promotes contused skeletal muscle regeneration by regulating Treg cells and macrophages. <i>Laboratory Investigation</i> , 2021 , 101, 719-732	5.9	1
99	GHS-R in brown fat potentiates differential thermogenic responses under metabolic and thermal stresses. <i>PLoS ONE</i> , 2021 , 16, e0249420	3.7	0
98	Adipose-derived stem cells therapy effectively attenuates PM-induced lung injury. <i>Stem Cell Research and Therapy</i> , 2021 , 12, 355	8.3	3
97	CircMEG3 inhibits telomerase activity by reducing Cbf5 in human liver cancer stem cells. <i>Molecular Therapy - Nucleic Acids</i> , 2021 , 23, 310-323	10.7	12
96	Single-Cell Transcriptome Analysis Decipher New Potential Regulation Mechanism of ACE2 and NPs Signaling Among Heart Failure Patients Infected With SARS-CoV-2. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 628885	5.4	7
95	Pharmacological and Genetic Inhibition of PD-1 Demonstrate an Important Role of PD-1 in Ischemia-Induced Skeletal Muscle Inflammation, Oxidative Stress, and Angiogenesis. <i>Frontiers in Immunology</i> , 2021 , 12, 586429	8.4	1
94	Dissecting VEGF-induced acute versus chronic vascular hyperpermeability: Essential roles of dimethylarginine dimethylaminohydrolase-1. <i>IScience</i> , 2021 , 24, 103189	6.1	1
93	Interlocking detachable coil embolization for giant tandem bronchial aneurysms: A case report.. <i>Medicine (United States)</i> , 2021 , 100, e28416	1.8	0
92	miR-155 Accelerates the Growth of Human Liver Cancer Cells by Activating CDK2 via Targeting H3F3A. <i>Molecular Therapy - Oncolytics</i> , 2020 , 17, 471-483	6.4	8
91	miR24-2 accelerates progression of liver cancer cells by activating Pim1 through tri-methylation of Histone H3 on the ninth lysine. <i>Journal of Cellular and Molecular Medicine</i> , 2020 , 24, 2772-2790	5.6	11
90	Kidney failure, arterial hypertension and left ventricular hypertrophy in rats with loss of function mutation of SOD3. <i>Free Radical Biology and Medicine</i> , 2020 , 152, 787-796	7.8	9
89	Does vitamin D deficiency increase the severity of COVID-19?. <i>Clinical Medicine</i> , 2020 , 20, e107-e108	1.9	86
88	Single-cell Transcriptome Analysis Indicates New Potential Regulation Mechanism of ACE2 and NPs signaling among heart failure patients infected with SARS-CoV-2 2020 ,		5
87	Long noncoding RNA MEG3 blocks telomerase activity in human liver cancer stem cells epigenetically. <i>Stem Cell Research and Therapy</i> , 2020 , 11, 518	8.3	7
86	Systolic overload-induced pulmonary inflammation, fibrosis, oxidative stress and heart failure progression through interleukin-1. <i>Journal of Molecular and Cellular Cardiology</i> , 2020 , 146, 84-94	5.8	1

85	Can intestinal microbiota and circulating microbial products contribute to pulmonary arterial hypertension?. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019 , 317, H1093-H1101	5.2	17
84	Profound Increase of Lung Airway Resistance in Heart Failure: a Potential Important Contributor for Dyspnea. <i>Journal of Cardiovascular Translational Research</i> , 2019 , 12, 271-279	3.3	1
83	Isolevuglandin scavenger attenuates pressure overload-induced cardiac oxidative stress, cardiac hypertrophy, heart failure and lung remodeling. <i>Free Radical Biology and Medicine</i> , 2019 , 141, 291-298	7.8	13
82	Blood outgrowth endothelial cells overexpressing eNOS mitigate pulmonary hypertension in rats: a unique carrier cell enabling autologous cell-based gene therapy. <i>Translational Research</i> , 2019 , 210, 1-7	11	4
81	BMSC Transplantation Aggravates Inflammation, Oxidative Stress, and Fibrosis and Impairs Skeletal Muscle Regeneration. <i>Frontiers in Physiology</i> , 2019 , 10, 87	4.6	21
80	Adenosine kinase attenuates cardiomyocyte microtubule stabilization and protects against pressure overload-induced hypertrophy and LV dysfunction. <i>Journal of Molecular and Cellular Cardiology</i> , 2019 , 130, 49-58	5.8	12
79	Short term Pm2.5 exposure caused a robust lung inflammation, vascular remodeling, and exacerbated transition from left ventricular failure to right ventricular hypertrophy. <i>Redox Biology</i> , 2019 , 22, 101161	11.3	66
78	Dimethylarginine dimethylaminohydrolase 1 deficiency aggravates monocrotaline-induced pulmonary oxidative stress, pulmonary arterial hypertension and right heart failure in rats. <i>International Journal of Cardiology</i> , 2019 , 295, 14-20	3.2	10
77	CD8 T cells exert a critical role in the transition from left heart failure to lung remodeling and right ventricular hypertrophy. <i>FASEB Journal</i> , 2019 , 33, lb493	0.9	
76	AMPK α deficiency exacerbates long-term PM exposure-induced lung injury and cardiac dysfunction. <i>Free Radical Biology and Medicine</i> , 2018 , 121, 202-214	7.8	47
75	Asymmetric dimethylarginine (ADMA) as an important risk factor for the increased cardiovascular diseases and heart failure in chronic kidney disease. <i>Nitric Oxide - Biology and Chemistry</i> , 2018 , 78, 113-120	5	59
74	Repetitive ischemia increases myocardial dimethylarginine dimethylaminohydrolase 1 expression. <i>Vascular Medicine</i> , 2017 , 22, 179-188	3.3	5
73	Role of bone marrow-derived CD11c dendritic cells in systolic overload-induced left ventricular inflammation, fibrosis and hypertrophy. <i>Basic Research in Cardiology</i> , 2017 , 112, 25	11.8	23
72	Cardiomyocyte dimethylarginine dimethylaminohydrolase-1 (DDAH1) plays an important role in attenuating ventricular hypertrophy and dysfunction. <i>Basic Research in Cardiology</i> , 2017 , 112, 55	11.8	21
71	CD28/B7 Deficiency Attenuates Systolic Overload-Induced Congestive Heart Failure, Myocardial and Pulmonary Inflammation, and Activated T Cell Accumulation in the Heart and Lungs. <i>Hypertension</i> , 2016 , 68, 688-96	8.5	28
70	Regulation of Coronary Blood Flow During Exercise in Failing Heart. <i>Medicine and Science in Sports and Exercise</i> , 2016 , 48, 1012	1.2	2
69	Effect of asymmetric dimethylarginine (ADMA) on heart failure development. <i>Nitric Oxide - Biology and Chemistry</i> , 2016 , 54, 73-81	5	31
68	Increasing Regulatory T Cells With Interleukin-2 and Interleukin-2 Antibody Complexes Attenuates Lung Inflammation and Heart Failure Progression. <i>Hypertension</i> , 2016 , 68, 114-22	8.5	42

67	Genetic and Pharmacologic Inhibition of the Chemokine Receptor CXCR2 Prevents Experimental Hypertension and Vascular Dysfunction. <i>Circulation</i> , 2016 , 134, 1353-1368	16.7	80
66	S-nitrosylation of PDE5 increases its ubiquitin-proteasomal degradation. <i>Free Radical Biology and Medicine</i> , 2015 , 86, 343-51	7.8	14
65	Toll-interacting protein (Tollip) negatively regulates pressure overload-induced ventricular hypertrophy in mice. <i>Cardiovascular Research</i> , 2014 , 101, 87-96	9.9	41
64	Interferon regulatory factor 7 functions as a novel negative regulator of pathological cardiac hypertrophy. <i>Hypertension</i> , 2014 , 63, 713-22	8.5	58
63	Double-stranded RNA-dependent protein kinase deficiency protects the heart from systolic overload-induced congestive heart failure. <i>Circulation</i> , 2014 , 129, 1397-406	16.7	35
62	Inducible nitric oxide synthase inhibits oxygen consumption in collateral-dependent myocardium. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014 , 306, H356-62	5.2	2
61	Endoplasmic reticulum stress sensor protein kinase R-like endoplasmic reticulum kinase (PERK) protects against pressure overload-induced heart failure and lung remodeling. <i>Hypertension</i> , 2014 , 64, 738-44	8.5	62
60	Interferon regulatory factor 1 is required for cardiac remodeling in response to pressure overload. <i>Hypertension</i> , 2014 , 64, 77-86	8.5	60
59	Metformin protects against systolic overload-induced heart failure independent of AMP-activated protein kinase α . <i>Hypertension</i> , 2014 , 63, 723-8	8.5	50
58	Loss of the eukaryotic initiation factor 2 kinase general control nonderepressible 2 protects mice from pressure overload-induced congestive heart failure without affecting ventricular hypertrophy. <i>Hypertension</i> , 2014 , 63, 128-35	8.5	30
57	Interferon regulatory factor 3 is a negative regulator of pathological cardiac hypertrophy. <i>Basic Research in Cardiology</i> , 2013 , 108, 326	11.8	60
56	Reduced expression of mitochondrial electron transport chain proteins from hibernating hearts relative to ischemic preconditioned hearts in the second window of protection. <i>Journal of Molecular and Cellular Cardiology</i> , 2013 , 60, 90-6	5.8	18
55	Vinexin- β protects against cardiac hypertrophy by blocking the Akt-dependent signalling pathway. <i>Basic Research in Cardiology</i> , 2013 , 108, 338	11.8	31
54	Role of interferon regulatory factor 4 in the regulation of pathological cardiac hypertrophy. <i>Hypertension</i> , 2013 , 61, 1193-202	8.5	75
53	AMPK attenuates microtubule proliferation in cardiac hypertrophy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013 , 304, H749-58	5.2	34
52	Regulation of DDAH1 as a Potential Therapeutic Target for Treating Cardiovascular Diseases. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013 , 2013, 619207	2.3	7
51	TRAF1 is a critical regulator of cerebral ischaemia-reperfusion injury and neuronal death. <i>Nature Communications</i> , 2013 , 4, 2852	17.4	73
50	Interferon regulatory factor 9 protects against hepatic insulin resistance and steatosis in male mice. <i>Hepatology</i> , 2013 , 58, 603-16	11.2	63

49	Microtubule Actin Cross-linking Factor 1 regulates cardiomyocyte microtubule distribution and adaptation to hemodynamic overload. <i>PLoS ONE</i> , 2013 , 8, e73887	3.7	36
48	DDAH1 deficiency attenuates endothelial cell cycle progression and angiogenesis. <i>PLoS ONE</i> , 2013 , 8, e79444	3.7	22
47	Disruption of mindin exacerbates cardiac hypertrophy and fibrosis. <i>Journal of Molecular Medicine</i> , 2012 , 90, 895-910	5.5	21
46	AMP-activated protein kinase α protects against diet-induced insulin resistance and obesity. <i>Diabetes</i> , 2012 , 61, 3114-25	0.9	37
45	Left ventricular failure produces profound lung remodeling and pulmonary hypertension in mice: heart failure causes severe lung disease. <i>Hypertension</i> , 2012 , 59, 1170-8	8.5	99
44	AMP activated protein kinase- β regulates expression of estrogen-related receptor- α metabolic transcription factor related to heart failure development. <i>Hypertension</i> , 2011 , 58, 696-703	8.5	61
43	Exacerbated pulmonary arterial hypertension and right ventricular hypertrophy in animals with loss of function of extracellular superoxide dismutase. <i>Hypertension</i> , 2011 , 58, 303-9	8.5	61
42	Dimethylarginine dimethylaminohydrolase-1 is the critical enzyme for degrading the cardiovascular risk factor asymmetrical dimethylarginine. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 1540-6	9.4	99
41	Cardiac-specific mindin overexpression attenuates cardiac hypertrophy via blocking AKT/GSK3 β and TGF- β -Smad signalling. <i>Cardiovascular Research</i> , 2011 , 92, 85-94	9.9	68
40	Dimethylarginine dimethylaminohydrolase 1 modulates endothelial cell growth through nitric oxide and Akt. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 890-7	9.4	34
39	Adenosine kinase regulation of cardiomyocyte hypertrophy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011 , 300, H1722-32	5.2	16
38	Oxidative stress regulates left ventricular PDE5 expression in the failing heart. <i>Circulation</i> , 2010 , 121, 1474-83	16.7	127
37	Superoxide dismutase: master and commander?. <i>European Respiratory Journal</i> , 2010 , 36, 234-6	13.6	3
36	Delayed treatment effects of xanthine oxidase inhibition on systolic overload-induced left ventricular hypertrophy and dysfunction. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2010 , 29, 306-13	1.4	12
35	PGC-1 alpha regulates expression of myocardial mitochondrial antioxidants and myocardial oxidative stress after chronic systolic overload. <i>Antioxidants and Redox Signaling</i> , 2010 , 13, 1011-22	8.4	162
34	Adenosine regulation of microtubule dynamics in cardiac hypertrophy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009 , 297, H523-32	5.2	23
33	NADPH oxidase contributes to coronary endothelial dysfunction in the failing heart. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009 , 296, H840-6	5.2	31
32	Vascular endothelial-specific dimethylarginine dimethylaminohydrolase-1-deficient mice reveal that vascular endothelium plays an important role in removing asymmetric dimethylarginine. <i>Circulation</i> , 2009 , 120, 2222-9	16.7	68

31	Loss of AMPK exacerbates experimental autoimmune encephalomyelitis disease severity. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 386, 16-20	3.4	58
30	Extracellular superoxide dismutase protects the heart against oxidative stress and hypertrophy after myocardial infarction. <i>Free Radical Biology and Medicine</i> , 2008 , 44, 1305-13	7.8	71
29	Xanthine oxidase inhibition with febuxostat attenuates systolic overload-induced left ventricular hypertrophy and dysfunction in mice. <i>Journal of Cardiac Failure</i> , 2008 , 14, 746-53	3.3	63
28	Adenosine A3 receptor deficiency exerts unanticipated protective effects on the pressure-overloaded left ventricle. <i>Circulation</i> , 2008 , 118, 1713-21	16.7	39
27	Ecto-5'Nucleotidase deficiency exacerbates pressure-overload-induced left ventricular hypertrophy and dysfunction. <i>Hypertension</i> , 2008 , 51, 1557-64	8.5	36
26	Disruption of sarcolemmal ATP-sensitive potassium channel activity impairs the cardiac response to systolic overload. <i>Circulation Research</i> , 2008 , 103, 1009-17	15.7	39
25	AMP activated protein kinase- α 2 deficiency exacerbates pressure-overload-induced left ventricular hypertrophy and dysfunction in mice. <i>Hypertension</i> , 2008 , 52, 918-24	8.5	150
24	Extracellular superoxide dismutase deficiency exacerbates pressure overload-induced left ventricular hypertrophy and dysfunction. <i>Hypertension</i> , 2008 , 51, 19-25	8.5	85
23	Effect of K ⁺ ATP channel and adenosine receptor blockade during rest and exercise in congestive heart failure. <i>Circulation Research</i> , 2007 , 100, 1643-9	15.7	11
22	Renal hyporesponsiveness to atrial natriuretic peptide in congestive heart failure results from reduced atrial natriuretic peptide receptor concentrations. <i>American Journal of Physiology - Renal Physiology</i> , 2007 , 292, F1636-44	4.3	44
21	Differential regulation of membrane guanylyl cyclases in congestive heart failure: natriuretic peptide receptor (NPR)-B, Not NPR-A, is the predominant natriuretic peptide receptor in the failing heart. <i>Endocrinology</i> , 2007 , 148, 3518-22	4.8	89
20	Inducible nitric oxide synthase deficiency protects the heart from systolic overload-induced ventricular hypertrophy and congestive heart failure. <i>Circulation Research</i> , 2007 , 100, 1089-98	15.7	116
19	Acute effects of febuxostat, a nonpurine selective inhibitor of xanthine oxidase, in pacing induced heart failure. <i>Journal of Cardiovascular Pharmacology</i> , 2006 , 48, 255-63	3.1	19
18	Increased superoxide production causes coronary endothelial dysfunction and depressed oxygen consumption in the failing heart. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005 , 288, H133-41	5.2	40
17	Borrowing information from relevant microarray studies for sample classification using weighted partial least squares. <i>Computational Biology and Chemistry</i> , 2005 , 29, 204-11	3.6	11
16	A comparative study of discriminating human heart failure etiology using gene expression profiles. <i>BMC Bioinformatics</i> , 2005 , 6, 205	3.6	34
15	Dimethylarginine dimethylaminohydrolase and endothelial dysfunction in failing hearts. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005 , 289, H2212-9	5.2	49
14	ET-A receptor activity restrains coronary blood flow in the failing heart. <i>Journal of Cardiovascular Pharmacology</i> , 2004 , 43, 764-9	3.1	3

13	Identification of a gene expression profile that differentiates between ischemic and nonischemic cardiomyopathy. <i>Circulation</i> , 2004 , 110, 3444-51	16.7	109
12	Genomic profiling of the human heart before and after mechanical support with a ventricular assist device reveals alterations in vascular signaling networks. <i>Physiological Genomics</i> , 2004 , 17, 283-91	3.6	104
11	Alterations of gene expression in failing myocardium following left ventricular assist device support. <i>Physiological Genomics</i> , 2003 , 14, 251-60	3.6	111
10	Adenosine: a modulator of the cardiac response to stress. <i>Circulation Research</i> , 2003 , 93, 691-3	15.7	9
9	Effect of PDE5 inhibition on coronary hemodynamics in pacing-induced heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003 , 284, H1513-20	5.2	28
8	Inhibition of NO production increases myocardial blood flow and oxygen consumption in congestive heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002 , 282, H2278-83	5.2	18
7	Nitric oxide modulates myocardial oxygen consumption in the failing heart. <i>Circulation</i> , 2002 , 106, 273-9	16.7	65
6	Increased extravascular forces limit endothelium-dependent and -independent coronary vasodilation in congestive heart failure. <i>Cardiovascular Research</i> , 2001 , 52, 454-61	9.9	17
5	Alterations in the expression and activity of creatine kinase-M and mitochondrial creatine kinase subunits in skeletal muscle following prolonged intense exercise in rats. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 2000 , 81, 114-9		11
4	Cardiac troponin T alterations in myocardium and serum of rats after stressful, prolonged intense exercise. <i>Journal of Applied Physiology</i> , 2000 , 88, 1749-55	3.7	112
3	Effect of sildenafil on coronary active and reactive hyperemia. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000 , 279, H2319-25	5.2	21
2	Loss of myocardial CK-MB into the circulation following 3.5 hours of swimming in a rat model. <i>International Journal of Sports Medicine</i> , 2000 , 21, 561-5	3.6	9
1	Cyclic nucleotide phosphodiesterase type 5 activity limits blood flow to hypoperfused myocardium during exercise. <i>Circulation</i> , 2000 , 102, 2997-3002	16.7	49