

Feng Gao

List of Publications by Year in descending order

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Version: 2024-02-01

206
papers

13,892
citations

44069

48
h-index

23533

111
g-index

219
all docs

219
docs citations

219
times ranked

24942
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Ferroptosis as a target for protection against cardiomyopathy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 2672-2680.	7.1	1,174
3	Inhibition of p38 Mitogen-Activated Protein Kinase Decreases Cardiomyocyte Apoptosis and Improves Cardiac Function After Myocardial Ischemia and Reperfusion. <i>Circulation</i> , 1999, 99, 1685-1691.	1.6	475
4	Nitric Oxide Mediates the Antiapoptotic Effect of Insulin in Myocardial Ischemia-Reperfusion. <i>Circulation</i> , 2002, 105, 1497-1502.	1.6	458
5	Loss of Cardiac Ferritin H Facilitates Cardiomyopathy via Slc7a11-Mediated Ferroptosis. <i>Circulation Research</i> , 2020, 127, 486-501.	4.5	377
6	Longterm Exercise-Derived Exosomal miR-342-5p. <i>Circulation Research</i> , 2019, 124, 1386-1400.	4.5	193
7	Therapeutic role of miR-19a/19b in cardiac regeneration and protection from myocardial infarction. <i>Nature Communications</i> , 2019, 10, 1802.	12.8	190
8	Liver transplantation for hepatocellular carcinoma beyond the Milan criteria. <i>Gut</i> , 2016, 65, 1035-1041.	12.1	169
9	New insights into insulin: The anti-inflammatory effect and its clinical relevance. <i>World Journal of Diabetes</i> , 2014, 5, 89.	3.5	166
10	Adiponectin improves endothelial function in hyperlipidemic rats by reducing oxidative/nitrative stress and differential regulation of eNOS/iNOS activity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 293, E1703-E1708.	3.5	153
11	Insulin says NO to cardiovascular disease. <i>Cardiovascular Research</i> , 2011, 89, 516-524.	3.8	148
12	Berberine reduces ischemia/reperfusion-induced myocardial apoptosis via activating AMPK and PI3K/Akt signaling in diabetic rats. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2014, 19, 946-957.	4.9	147
13	Impaired mitochondrial biogenesis due to dysfunctional adiponectin-AMPK-PGC-1 α signaling contributing to increased vulnerability in diabetic heart. <i>Basic Research in Cardiology</i> , 2013, 108, 329.	5.9	139
14	Chitosan-graft- β -cyclodextrin nanoparticles as a carrier for controlled drug release. <i>International Journal of Pharmaceutics</i> , 2013, 446, 191-198.	5.2	130
15	Insulin attenuates myocardial ischemia/reperfusion injury via reducing oxidative/nitrative stress. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010, 298, E871-E880.	3.5	122
16	Pluronic-based functional polymeric mixed micelles for co-delivery of doxorubicin and paclitaxel to multidrug resistant tumor. <i>International Journal of Pharmaceutics</i> , 2015, 488, 44-58.	5.2	115
17	Insulin inhibits tumor necrosis factor- α induction in myocardial ischemia/reperfusion: Role of Akt and endothelial nitric oxide synthase phosphorylation*. <i>Critical Care Medicine</i> , 2008, 36, 1551-1558.	0.9	110
18	Imaging superoxide flash and metabolism-coupled mitochondrial permeability transition in living animals. <i>Cell Research</i> , 2011, 21, 1295-1304.	12.0	110

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19	p38 MAPK inhibition reduces myocardial reperfusion injury via inhibition of endothelial adhesion molecule expression and blockade of PMN accumulation. <i>Cardiovascular Research</i> , 2002, 53, 414-422.	3.8	107
20	Combined Cancer Chemo-Photodynamic and Photothermal Therapy Based on ICG/PDA/TPZ-Loaded Nanoparticles. <i>Molecular Pharmaceutics</i> , 2019, 16, 2172-2183.	4.6	83
21	Hypoxic postconditioning enhances the survival and inhibits apoptosis of cardiomyocytes following reoxygenation: role of peroxynitrite formation. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2006, 11, 1453-1460.	4.9	81
22	Synergistic Triggering of Superoxide Flashes by Mitochondrial Ca ²⁺ Uniport and Basal Reactive Oxygen Species Elevation. <i>Journal of Biological Chemistry</i> , 2013, 288, 4602-4612.	3.4	80
23	Gene Mutation Analysis in 253 Chinese Children with Unexplained Epilepsy and Intellectual/Developmental Disabilities. <i>PLoS ONE</i> , 2015, 10, e0141782.	2.5	78
24	A promising strategy for the treatment of ischemic heart disease: Mesenchymal stem cell-mediated vascular endothelial growth factor gene transfer in rats. <i>Canadian Journal of Cardiology</i> , 2007, 23, 891-898.	1.7	77
25	Long-term aerobic exercise protects the heart against ischemia/reperfusion injury via PI3 kinase-dependent and Akt-mediated mechanism. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2007, 12, 1579-1588.	4.9	77
26	Clodronate-loaded liposomal and fibroblast-derived exosomal hybrid system for enhanced drug delivery to pulmonary fibrosis. <i>Biomaterials</i> , 2021, 271, 120761.	11.4	76
27	Acute hyperglycemia exacerbates myocardial ischemia/reperfusion injury and blunts cardioprotective effect of GIK. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 293, E629-E635.	3.5	73
28	Punicalagin, an active component in pomegranate, ameliorates cardiac mitochondrial impairment in obese rats via AMPK activation. <i>Scientific Reports</i> , 2015, 5, 14014.	3.3	72
29	Physical activity and health in Chinese children and adolescents: expert consensus statement (2020). <i>British Journal of Sports Medicine</i> , 2020, 54, 1321-1331.	6.7	71
30	Enhancement of Glutathione Cardioprotection by Ascorbic Acid in Myocardial Reperfusion Injury. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002, 301, 543-550.	2.5	68
31	AMPK-Regulated and Akt-Dependent Enhancement of Glucose Uptake Is Essential in Ischemic Preconditioning-Alleviated Reperfusion Injury. <i>PLoS ONE</i> , 2013, 8, e69910.	2.5	68
32	Evidence for association of mitochondrial metabolism alteration with lipid accumulation in aging rats. <i>Experimental Gerontology</i> , 2014, 56, 3-12.	2.8	66
33	Mitochondrial JNK activation triggers autophagy and apoptosis and aggravates myocardial injury following ischemia/reperfusion. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 262-270.	3.8	66
34	Mitochondrial flashes regulate ATP homeostasis in the heart. <i>ELife</i> , 2017, 6, .	6.0	64
35	Preparation, characterization and pharmacokinetic studies of tacrolimus-dimethyl- β -cyclodextrin inclusion complex-loaded albumin nanoparticles. <i>International Journal of Pharmaceutics</i> , 2012, 427, 410-416.	5.2	62
36	EpCAM Aptamer-Functionalized Cationic Liposome-Based Nanoparticles Loaded with miR-139-5p for Targeted Therapy in Colorectal Cancer. <i>Molecular Pharmaceutics</i> , 2019, 16, 4696-4710.	4.6	62

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37	Vasculoprotective effect of insulin in the ischemic/reperfused canine heart: Role of Akt-stimulated NO production. <i>Cardiovascular Research</i> , 2006, 69, 57-65.	3.8	60
38	Compromised mitochondrial remodeling in compensatory hypertrophied myocardium of spontaneously hypertensive rat. <i>Cardiovascular Pathology</i> , 2014, 23, 101-106.	1.6	60
39	Thymol inhibits bladder cancer cell proliferation via inducing cell cycle arrest and apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 2017, 491, 530-536.	2.1	60
40	Analyte Regeneration Fluorescent Probes for Formaldehyde Enabled by Regiospecific Formaldehyde-Induced Intramolecularity. <i>Journal of the American Chemical Society</i> , 2018, 140, 16408-16412.	13.7	60
41	Berberine improves mesenteric artery insulin sensitivity through up-regulating insulin receptor-mediated signalling in diabetic rats. <i>British Journal of Pharmacology</i> , 2016, 173, 1569-1579.	5.4	59
42	Vascular insulin resistance in prehypertensive rats: Role of PI3-kinase/Akt/eNOS signaling. <i>European Journal of Pharmacology</i> , 2010, 628, 140-147.	3.5	58
43	Photodynamic therapy synergizes with PD-L1 checkpoint blockade for immunotherapy of CRC by multifunctional nanoparticles. <i>Molecular Therapy</i> , 2021, 29, 2931-2948.	8.2	58
44	Lung ultrasonography versus chest CT in COVID-19 pneumonia: a two-centered retrospective comparison study from China. <i>Intensive Care Medicine</i> , 2020, 46, 1761-1763.	8.2	58
45	MicroRNA-141 regulates the expression level of ICAM-1 on endothelium to decrease myocardial ischemia-reperfusion injury. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H1303-H1313.	3.2	56
46	Supra-annular structure assessment for self-expanding transcatheter heart valve size selection in patients with bicuspid aortic valve. <i>Catheterization and Cardiovascular Interventions</i> , 2018, 91, 986-994.	1.7	56
47	Short-Duration Swimming Exercise after Myocardial Infarction Attenuates Cardiac Dysfunction and Regulates Mitochondrial Quality Control in Aged Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-16.	4.0	55
48	A novel mechanism of diabetic vascular endothelial dysfunction: Hypoadiponectinemia-induced NLRP3 inflammasome activation. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 1556-1567.	3.8	51
49	A novel lactoferrin-modified Î²-cyclodextrin nanocarrier for brain-targeting drug delivery. <i>International Journal of Pharmaceutics</i> , 2013, 458, 110-117.	5.2	50
50	Enhancing fatty acid utilization ameliorates mitochondrial fragmentation and cardiac dysfunction via rebalancing optic atrophy 1 processing in the failing heart. <i>Cardiovascular Research</i> , 2018, 114, 979-991.	3.8	49
51	Swim training sensitizes myocardial response to insulin: Role of Akt-dependent eNOS activation. <i>Cardiovascular Research</i> , 2007, 75, 369-380.	3.8	48
52	Antifibrotic cardioprotection of berberine via downregulating myocardial IGF-1 receptor-regulated MMP-2/MMP-9 expression in diabetic rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H802-H813.	3.2	46
53	AKT inhibition-mediated dephosphorylation of TFE3 promotes overactive autophagy independent of MTORC1 in cadmium-exposed bone mesenchymal stem cells. <i>Autophagy</i> , 2019, 15, 565-582.	9.1	45
54	Anti-apoptotic effect of benidipine, a long-lasting vasodilating calcium antagonist, in ischaemic/reperfused myocardial cells. <i>British Journal of Pharmacology</i> , 2001, 132, 869-878.	5.4	43

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55	Vitamin E Succinate-Grafted-Chitosan Oligosaccharide/RGD-Conjugated TPGS Mixed Micelles Loaded with Paclitaxel for U87MG Tumor Therapy. <i>Molecular Pharmaceutics</i> , 2017, 14, 1190-1203.	4.6	42
56	Preparation and characterization of mPEG grafted chitosan micelles as 5-fluorouracil carriers for effective anti-tumor activity. <i>Chinese Chemical Letters</i> , 2014, 25, 1435-1440.	9.0	41
57	Synergistic anticancer effects of andrographolide and paclitaxel against A549 NSCLC cells. <i>Pharmaceutical Biology</i> , 2016, 54, 2629-2635.	2.9	41
58	Long-term exercise prevents hepatic steatosis: a novel role of FABP1 in regulation of autophagy and lysosomal machinery. <i>FASEB Journal</i> , 2019, 33, 11870-11883.	0.5	39
59	Aging-associated insulin resistance predisposes to hypertension and its reversal by exercise: the role of vascular vasorelaxation to insulin. <i>Basic Research in Cardiology</i> , 2009, 104, 269-284.	5.9	38
60	Direct Evidence that Myocardial Insulin Resistance following Myocardial Ischemia Contributes to Post-Ischemic Heart Failure. <i>Scientific Reports</i> , 2016, 5, 17927.	3.3	38
61	RGD-Conjugated Fe ₃ O ₄ @PDA-DOX Multifunctional Nanocomposites for MRI and Antitumor Chemo-Photothermal Therapy. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 9631-9645.	6.7	38
62	Cyclodextrin/chitosan nanoparticles for oral ovalbumin delivery: Preparation, characterization and intestinal mucosal immunity in mice. <i>Asian Journal of Pharmaceutical Sciences</i> , 2019, 14, 193-203.	9.1	38
63	Insulin inhibits leukocyte-endothelium adherence via an Akt-NO-dependent mechanism in myocardial ischemia/reperfusion. <i>Journal of Molecular and Cellular Cardiology</i> , 2009, 47, 512-519.	1.9	36
64	Superoxide constitutes a major signal of mitochondrial superoxide flash. <i>Life Sciences</i> , 2013, 93, 178-186.	4.3	36
65	SIRT3 Deficiency Induces Endothelial Insulin Resistance and Blunts Endothelial-Dependent Vasorelaxation in Mice and Human with Obesity. <i>Scientific Reports</i> , 2016, 6, 23366.	3.3	35
66	The epigenetic landscape of exercise in cardiac health and disease. <i>Journal of Sport and Health Science</i> , 2021, 10, 648-659.	6.5	35
67	A Novel Mechanism for Vascular Insulin Resistance in Normotensive Young SHR. <i>Hypertension</i> , 2013, 61, 1028-1035.	2.7	34
68	Protons Trigger Mitochondrial Flashes. <i>Biophysical Journal</i> , 2016, 111, 386-394.	0.5	34
69	Repurposing suramin for the treatment of breast cancer lung metastasis with glycol chitosan-based nanoparticles. <i>Acta Biomaterialia</i> , 2019, 84, 378-390.	8.3	33
70	Long noncoding RNA Cfast regulates cardiac fibrosis. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 23, 377-392.	5.1	33
71	Improvement of vascular insulin sensitivity by downregulation of GRK2 mediates exercise-induced alleviation of hypertension in spontaneously hypertensive rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 305, H1111-H1119.	3.2	32
72	Sevoflurane postconditioning attenuates cardiomyocyte hypoxia/reoxygenation injury via restoring mitochondrial morphology. <i>PeerJ</i> , 2016, 4, e2659.	2.0	32

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73	Preparation and characterization of β -cyclodextrin grafted N -maleoyl chitosan nanoparticles for drug delivery. <i>Asian Journal of Pharmaceutical Sciences</i> , 2017, 12, 558-568.	9.1	32
74	The preparation, characterization, and pharmacokinetic studies of chitosan nanoparticles loaded with paclitaxel/dimethyl- β -cyclodextrin inclusion complexes. <i>International Journal of Nanomedicine</i> , 2015, 10, 4309.	6.7	31
75	Tetrahydroxy stilbene glycoside (TSG) antagonizes $A\beta$ -induced hippocampal neuron injury by suppressing mitochondrial dysfunction via Nrf2-dependent HO-1 pathway. <i>Biomedicine and Pharmacotherapy</i> , 2017, 96, 222-228.	5.6	31
76	CaMKII/calpain interaction mediates ischemia/reperfusion injury in isolated rat hearts. <i>Cell Death and Disease</i> , 2020, 11, 388.	6.3	31
77	Insulin inhibits β -adrenergic action in ischemic/reperfused heart: a novel mechanism of insulin in cardioprotection. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2008, 13, 305-317.	4.9	30
78	c(RGDyK)-decorated Pluronic micelles for enhanced doxorubicin and paclitaxel delivery to brain glioma. <i>International Journal of Nanomedicine</i> , 2016, 11, 1629.	6.7	30
79	Adiponectin exerts cardioprotection against ischemia/reperfusion injury partially via calreticulin mediated anti-apoptotic and anti-oxidative actions. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2017, 22, 108-117.	4.9	30
80	Colon-targeted delivery of tacrolimus using pH-responsive polymeric nanoparticles for murine colitis therapy. <i>International Journal of Pharmaceutics</i> , 2021, 606, 120836.	5.2	30
81	Adiponectin regulates SR Ca^{2+} cycling following ischemia/reperfusion via sphingosine 1-phosphate-CaMKII signaling in mice. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 74, 183-192.	1.9	29
82	Mucus-penetrating phage-displayed peptides for improved transport across a mucus-like model. <i>International Journal of Pharmaceutics</i> , 2018, 553, 57-64.	5.2	29
83	Effects of PEG surface density and chain length on the pharmacokinetics and biodistribution of methotrexate-loaded chitosan nanoparticles. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 5657-5671.	6.7	29
84	Antioxidant and immunomodulatory activities of polysaccharides from moxa (<i>Artemisia argyi</i>) leaf. <i>Food Science and Biotechnology</i> , 2010, 19, 1463-1469.	2.6	28
85	Dual-functional c(RGDyK)-decorated Pluronic micelles designed for antiangiogenesis and the treatment of drug-resistant tumor. <i>International Journal of Nanomedicine</i> , 2015, 10, 4863.	6.7	28
86	Fibrinogen and D-dimer levels elevate in advanced hepatocellular carcinoma: High pretreatment fibrinogen levels predict poor outcomes. <i>Hepatology Research</i> , 2017, 47, 1108-1117.	3.4	28
87	Metallothionein 1 family profiling identifies MT1X as a tumor suppressor involved in the progression and metastatic capacity of hepatocellular carcinoma. <i>Molecular Carcinogenesis</i> , 2018, 57, 1435-1444.	2.7	27
88	Inhibitory effect of Astragalus polysaccharide on osteoporosis in ovariectomized rats by regulating FoxO3a /Wnt signaling pathway. <i>Acta Cirurgica Brasileira</i> , 2019, 34, e201900502.	0.7	27
89	SCD1 activation impedes foam cell formation by inducing lipophagy in oxLDL-treated human vascular smooth muscle cells. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 5259-5269.	3.6	27
90	LncRNA LncHrt preserves cardiac metabolic homeostasis and heart function by modulating the LKB1-AMPK signaling pathway. <i>Basic Research in Cardiology</i> , 2021, 116, 48.	5.9	27

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91	Mutual inhibition of insulin signaling and PHLPP-1 determines cardioprotective efficiency of Akt in aged heart. <i>Aging</i> , 2016, 8, 873-888.	3.1	27
92	Exercise promotes angiogenesis by enhancing endothelial cell fatty acid utilization via liver-derived extracellular vesicle miR-122-5p. <i>Journal of Sport and Health Science</i> , 2022, 11, 495-508.	6.5	27
93	Insulin improves cardiomyocyte contractile function through enhancement of SERCA2a activity in simulated ischemia/reperfusion1. <i>Acta Pharmacologica Sinica</i> , 2006, 27, 919-926.	6.1	26
94	Preparation of liposomal amiodarone and investigation of its cardiomyocyte-targeting ability in cardiac radiofrequency ablation rat model. <i>International Journal of Nanomedicine</i> , 2016, 11, 2359.	6.7	26
95	Insulin inhibits inflammation and promotes atherosclerotic plaque stability via PI3K-Akt pathway activation. <i>Immunology Letters</i> , 2016, 170, 7-14.	2.5	26
96	Bufalin-loaded vitamin E succinate-grafted-chitosan oligosaccharide/RGD conjugated TPGS mixed micelles demonstrated improved antitumor activity against drug-resistant colon cancer. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 7533-7548.	6.7	26
97	Study on Controllable Preparation of Silica Nanoparticles with Multi-sizes and Their Size-dependent Cytotoxicity in Pheochromocytoma Cells and Human Embryonic Kidney Cells. <i>Journal of Health Science</i> , 2010, 56, 632-640.	0.9	25
98	Glucose oxidation positively regulates glucose uptake and improves cardiac function recovery after myocardial reperfusion. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2017, 313, E577-E585.	3.5	25
99	Absorption Characteristics of Chitobiose and Chitopentase in the Human Intestinal Cell Line Caco-2 and Everted Gut Sacs. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 4513-4523.	5.2	25
100	Spatiotemporally controllable diphtheria toxin expression using a light-switchable transgene system combining multifunctional nanoparticle delivery system for targeted melanoma therapy. <i>Journal of Controlled Release</i> , 2020, 319, 1-14.	9.9	25
101	Insulin improves cardiac myocytes contractile function recovery in simulated ischemia-reperfusion: Key role of Akt. <i>Science Bulletin</i> , 2003, 48, 1364-1369.	1.7	24
102	Antiapoptotic mechanisms of benidipine in the ischemic/reperfused heart. <i>British Journal of Pharmacology</i> , 2004, 142, 627-634.	5.4	24
103	Insulin inhibits myocardial ischemia-induced apoptosis and alleviates chronic adverse changes in post-ischemic cardiac structure and function. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2009, 14, 1050-1060.	4.9	24
104	The therapeutic effect of methotrexate-conjugated Pluronic-based polymeric micelles on the folate receptor-rich tumors treatment. <i>International Journal of Nanomedicine</i> , 2015, 10, 4043.	6.7	24
105	Tetrahydroxystilbene Glucoside Inhibits Excessive Autophagy and Improves Microvascular Endothelial Dysfunction in Prehypertensive Spontaneously Hypertensive Rats. <i>The American Journal of Chinese Medicine</i> , 2016, 44, 1393-1412.	3.8	24
106	Cucurbitacin B inhibits tumor angiogenesis by triggering the mitochondrial signaling pathway in endothelial cells. <i>International Journal of Molecular Medicine</i> , 2018, 42, 1018-1025.	4.0	24
107	β -Cyclodextrin-Based Inclusion Complexation Bridged Biodegradable Self-Assembly Macromolecular Micelle for the Delivery of Paclitaxel. <i>PLoS ONE</i> , 2016, 11, e0150877.	2.5	23
108	Transcatheter Aortic Valve Replacement for Pure Native Aortic Valve Regurgitation: A Systematic Review. <i>Cardiology</i> , 2018, 141, 132-140.	1.4	23

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109	Vagus nerve stimulation for pediatric patients with intractable epilepsy between 3 and 6 years of age: study protocol for a double-blind, randomized control trial. <i>Trials</i> , 2019, 20, 44.	1.6	23
110	Effective glycaemic control critically determines insulin cardioprotection against ischaemia/reperfusion injury in anaesthetized dogs. <i>Cardiovascular Research</i> , 2014, 103, 238-247.	3.8	22
111	Efficient ovalbumin delivery using a novel multifunctional micellar platform for targeted melanoma immunotherapy. <i>International Journal of Pharmaceutics</i> , 2019, 560, 1-10.	5.2	21
112	Design, synthesis, antitumor activities and biological studies of novel diaryl substituted fused heterocycles as dual ligands targeting tubulin and katanin. <i>European Journal of Medicinal Chemistry</i> , 2019, 178, 177-194.	5.5	21
113	Magnolol Administration in Normotensive Young Spontaneously Hypertensive Rats Postpones the Development of Hypertension: Role of Increased PPAR Gamma, Reduced TRB3 and Resultant Alleviative Vascular Insulin Resistance. <i>PLoS ONE</i> , 2015, 10, e0120366.	2.5	20
114	Exercise improves vascular health: Role of mitochondria. <i>Free Radical Biology and Medicine</i> , 2021, 177, 347-359.	2.9	20
115	Novel nanoparticles composed of chitosan and β -cyclodextrin derivatives as potential insoluble drug carrier. <i>Chinese Chemical Letters</i> , 2015, 26, 909-913.	9.0	19
116	Efficacy and safety of moderately steatotic donor liver in transplantation. <i>Hepatobiliary and Pancreatic Diseases International</i> , 2009, 8, 29-33.	1.3	19
117	Insulin Alleviates Posttrauma Cardiac Dysfunction by Inhibiting Tumor Necrosis Factor- α -Mediated Reactive Oxygen Species Production*. <i>Critical Care Medicine</i> , 2013, 41, e74-e84.	0.9	18
118	Targeting integrin-rich tumors with temoporfin-loaded vitamin-E-succinate-grafted chitosan oligosaccharide/ d- α -tocopheryl polyethylene glycol 1000 succinate nanoparticles to enhance photodynamic therapy efficiency. <i>International Journal of Pharmaceutics</i> , 2017, 528, 287-298.	5.2	18
119	RP1, a RAGE antagonist peptide, can improve memory impairment and reduce $A\beta$ plaque load in the APP/PS1 mouse model of Alzheimer's disease. <i>Neuropharmacology</i> , 2020, 180, 108304.	4.1	18
120	Anti-Myocardial Ischemia Reperfusion Injury Mechanism of Dried Ginger-Aconite Decoction Based on Network Pharmacology. <i>Frontiers in Pharmacology</i> , 2021, 12, 609702.	3.5	18
121	Exercise and Cardiovascular Protection. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1228, 205-216.	1.6	18
122	Clinical characteristics of primary and reactivated Epstein-Barr virus infection in children. <i>Journal of Medical Virology</i> , 2020, 92, 3709-3716.	5.0	17
123	A combination of LightOn gene expression system and tumor microenvironment-responsive nanoparticle delivery system for targeted breast cancer therapy. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 1741-1753.	12.0	17
124	Stress-Induced Hyperglycemia and Remote Diffusion-Weighted Imaging Lesions in Primary Intracerebral Hemorrhage. <i>Neurocritical Care</i> , 2020, 32, 427-436.	2.4	16
125	Cardiac disruption of SDHAF4-mediated mitochondrial complex II assembly promotes dilated cardiomyopathy. <i>Nature Communications</i> , 2022, 13, .	12.8	16
126	Endothelial protective and antishock effects of a selective estrogen receptor modulator in rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001, 280, H876-H884.	3.2	15

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127	Predictive value of tumor markers in patients with recurrent hepatocellular carcinoma in different vascular invasion pattern. <i>Hepatobiliary and Pancreatic Diseases International</i> , 2016, 15, 371-377.	1.3	15
128	Insulin-Like Growth Factor-1 Down-Regulates the Phosphorylation of FXYP1 and Rescues Behavioral Deficits in a Mouse Model of Rett Syndrome. <i>Frontiers in Neuroscience</i> , 2020, 14, 20.	2.8	15
129	Role of PTEN-less in cardiac injury, hypertrophy and regeneration. <i>Cell Regeneration</i> , 2021, 10, 25.	2.6	15
130	Construction and imaging of a neurovascular unit model. <i>Neural Regeneration Research</i> , 2022, 17, 1685.	3.0	15
131	Upregulation of caveolin-1 contributes to aggravated high-salt diet-induced endothelial dysfunction and hypertension in type 1 diabetic rats. <i>Life Sciences</i> , 2014, 113, 31-39.	4.3	14
132	Moderate-intensity exercise allows enhanced protection against oxidative stress-induced cardiac dysfunction in spontaneously hypertensive rats. <i>Brazilian Journal of Medical and Biological Research</i> , 2019, 52, e8009.	1.5	14
133	Preparation and Characterization of 5-Fluorouracil Loaded Chitosan Microspheres by a Two-Step Solidification Method. <i>Chemical and Pharmaceutical Bulletin</i> , 2010, 58, 891-895.	1.3	13
134	In Vivo Biodistribution and Anti-Tumor Efficacy Evaluation of Doxorubicin and Paclitaxel-Loaded Pluronic Micelles Decorated with c(RGDyK) Peptide. <i>PLoS ONE</i> , 2016, 11, e0149952.	2.5	13
135	Time-restricted feeding alleviates cardiac dysfunction induced by simulated microgravity via restoring cardiac FGF21 signaling. <i>FASEB Journal</i> , 2020, 34, 15180-15196.	0.5	13
136	CD226 reduces endothelial cell glucose uptake under hyperglycemic conditions with inflammation in type 2 diabetes mellitus. <i>Oncotarget</i> , 2016, 7, 12010-12023.	1.8	13
137	A national report from China Liver Transplant Registry: steroid avoidance after liver transplantation for hepatocellular carcinoma. <i>Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association</i> , Beijing Institute for Cancer Research, 2017, 29, 426-437.	2.2	13
138	Acute Insulin Resistance Mediated by Advanced Glycation Endproducts in Severely Burned Rats. <i>Critical Care Medicine</i> , 2014, 42, e472-e480.	0.9	12
139	Suppression of CD13 Enhances the Cytotoxic Effect of Chemotherapeutic Drugs in Hepatocellular Carcinoma Cells. <i>Frontiers in Pharmacology</i> , 2021, 12, 660377.	3.5	12
140	Selective decontamination of the digestive tract ameliorates severe burn-induced insulin resistance in rats. <i>Burns</i> , 2015, 41, 1076-1085.	1.9	11
141	Supramolecules-Guided Synthesis of Brightly Near-Infrared Au 22 Nanoclusters with Aggregation-Induced Emission for Bioimaging. <i>Particle and Particle Systems Characterization</i> , 2019, 36, 1900314.	2.3	11
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