

Jing Zhao

List of Publications by Year in descending order

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67
papers

1,427
citations

361413

20
h-index

361022

35
g-index

68
all docs

68
docs citations

68
times ranked

2877
citing authors

#	ARTICLE	IF	CITATIONS
1	An activator of mTOR inhibits oxLDL-induced autophagy and apoptosis in vascular endothelial cells and restricts atherosclerosis in apolipoprotein E-/- mice. <i>Scientific Reports</i> , 2014, 4, 5519.	3.3	147
2	Palmitate promotes autophagy and apoptosis through ROS-dependent JNK and p38 MAPK. <i>Biochemical and Biophysical Research Communications</i> , 2015, 463, 262-267.	2.1	140
3	Identification of a novel MTOR activator and discovery of a competing endogenous RNA regulating autophagy in vascular endothelial cells. <i>Autophagy</i> , 2014, 10, 957-971.	9.1	139
4	HMBOX1 interacts with MT2A to regulate autophagy and apoptosis in vascular endothelial cells. <i>Scientific Reports</i> , 2015, 5, 15121.	3.3	55
5	The association between angiotensin-converting enzyme 2 polymorphisms and essential hypertension risk: A meta-analysis involving 14,122 patients. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2015, 16, 1240-1244.	1.7	48
6	Upregulating of Fas, integrin β 24 and P53 and depressing of PC-PLC activity and ROS level in VEC apoptosis by safrole oxide. <i>FEBS Letters</i> , 2005, 579, 5809-5813.	2.8	45
7	Structural characterization and evolutionary analysis of fish-specific TLR27. <i>Fish and Shellfish Immunology</i> , 2015, 45, 940-945.	3.6	39
8	Ectodomain Architecture Affects Sequence and Functional Evolution of Vertebrate Toll-like Receptors. <i>Scientific Reports</i> , 2016, 6, 26705.	3.3	37
9	Regulation of apoptosis and autophagy by sphingosylphosphorylcholine in vascular endothelial cells. <i>Journal of Cellular Physiology</i> , 2011, 226, 2827-2833.	4.1	36
10	NR4A2 protects cardiomyocytes against myocardial infarction injury by promoting autophagy. <i>Cell Death Discovery</i> , 2018, 4, 27.	4.7	35
11	Icariin Attenuates M1 Activation of Microglia and $A\beta$ 2 Plaque Accumulation in the Hippocampus and Prefrontal Cortex by Up-Regulating PPAR γ 3 in Restraint/Isolation-Stressed APP/PS1 Mice. <i>Frontiers in Neuroscience</i> , 2019, 13, 291.	2.8	34
12	Synthetic Oligodeoxynucleotides Containing Multiple Telemeric TTAGGG Motifs Suppress Inflammasome Activity in Macrophages Subjected to Oxygen and Glucose Deprivation and Reduce Ischemic Brain Injury in Stroke-Prone Spontaneously Hypertensive Rats. <i>PLoS ONE</i> , 2015, 10, e0140772.	2.5	33
13	Novel Complex of Copper and a Salicylaldehyde Pyrazole Hydrazone Derivative Induces Apoptosis through Up-Regulating Integrin β 24 in Vascular Endothelial Cells. <i>Chemical Research in Toxicology</i> , 2009, 22, 1517-1525.	3.3	30
14	Modulation of vascular endothelial cell senescence by integrin β 24. <i>Journal of Cellular Physiology</i> , 2010, 225, 673-681.	4.1	30
15	Aspirin alleviates cardiac fibrosis in mice by inhibiting autophagy. <i>Acta Pharmacologica Sinica</i> , 2017, 38, 488-497.	6.1	30
16	D609 Inhibits Progression of Preexisting Atheroma and Promotes Lesion Stability in Apolipoprotein E ^{-/-} Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 411-418.	2.4	28
17	Phosphatidylethanolamine binding protein 1 in vacular endothelial cell autophagy and atherosclerosis. <i>Journal of Physiology</i> , 2013, 591, 5005-5015.	2.9	26
18	Sphingosylphosphorylcholine protects cardiomyocytes against ischemic apoptosis via lipid raft/PTEN/Akt1/mTOR mediated autophagy. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2015, 1851, 1186-1193.	2.4	25

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19	A small molecule induces integrin β 4 nuclear translocation and apoptosis selectively in cancer cells with high expression of integrin β 4. <i>Oncotarget</i> , 2016, 7, 16282-16296.	1.8	23
20	TIA1 interacts with annexin A7 in regulating vascular endothelial cell autophagy. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 57, 115-122.	2.8	22
21	Phosphorylation and nuclear translocation of integrin β 4 induced by a chemical small molecule contribute to apoptosis in vascular endothelial cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2013, 18, 1120-1131.	4.9	20
22	Post-traumatic stress disorder symptoms in first-time myocardial infarction patients: roles of attachment and alexithymia. <i>Journal of Advanced Nursing</i> , 2015, 71, 2575-2584.	3.3	19
23	Safrole oxide inhibits angiogenesis by inducing apoptosis. <i>Vascular Pharmacology</i> , 2005, 43, 69-74.	2.1	17
24	β -arrestin2/miR-155/GSK-3 β regulates transition of 5-azacytidine-induced Sca-1 ⁺ positive cells to cardiomyocytes. <i>Journal of Cellular and Molecular Medicine</i> , 2014, 18, 1562-1570.	3.6	17
25	Safrole oxide induced human umbilical vein vascular endothelial cell differentiation into neuron-like cells by depressing the reactive oxygen species level at the low concentration. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2006, 1763, 247-253.	4.1	16
26	Structural and evolutionary characteristics of fish-specific TLR19. <i>Fish and Shellfish Immunology</i> , 2015, 47, 271-279.	3.6	16
27	Phosphatidylcholine-specific phospholipase C and ROS were involved in chicken blastodisc differentiation to vascular endothelial cells. <i>Journal of Cellular Biochemistry</i> , 2007, 102, 421-428.	2.6	15
28	Inhibition of autophagy promoted sphingosylphosphorylcholine induced cell death in non-small cell lung cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2014, 453, 502-507.	2.1	15
29	Emerging roles of sphingosylphosphorylcholine in modulating cardiovascular functions and diseases. <i>Acta Pharmacologica Sinica</i> , 2018, 39, 1830-1836.	6.1	15
30	MicroRNA-221 promotes papillary thyroid carcinoma cells migration and invasion via targeting RECK and regulating epithelial-mesenchymal transition. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 2323-2333.	2.0	15
31	Cilostazol alleviate nicotine induced cardiomyocytes hypertrophy through modulation of autophagy by CTSB/ROS/p38MAPK/JNK feedback loop. <i>International Journal of Biological Sciences</i> , 2020, 16, 2001-2013.	6.4	15
32	The effect of two novel amino acid-coated magnetic nanoparticles on survival in vascular endothelial cells, bone marrow stromal cells, and macrophages. <i>Nanoscale Research Letters</i> , 2014, 9, 461.	5.7	12
33	β -Cyclodextrin induces the differentiation of resident cardiac stem cells to cardiomyocytes through autophagy. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 1425-1434.	4.1	12
34	The ROS/NF- κ B/NR4A2 pathway is involved in H ₂ O ₂ induced apoptosis of resident cardiac stem cells via autophagy. <i>Oncotarget</i> , 2017, 8, 77634-77648.	1.8	12
35	Mindfulness and burnout among bedside registered nurses: A cross-sectional study. <i>Australian Journal of Cancer Nursing</i> , 2019, 21, 126-131.	1.6	12
36	Knockdown of integrin β 4 induced autophagic cell death associated with P53 in A549 lung adenocarcinoma cells. <i>FEBS Journal</i> , 2008, 275, 5725-5732.	4.7	11

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37	Estradiol plays a role in regulating the expression of lysyl oxidase family genes in mouse urogenital tissues and human Ishikawa cells. <i>Journal of Zhejiang University: Science B</i> , 2015, 16, 857-864.	2.8	11
38	Sphingosylphosphorylcholine alleviates hypoxia-caused apoptosis in cardiac myofibroblasts via CaM/p38/STAT3 pathway. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2020, 25, 853-863.	4.9	11
39	Human vascular endothelial cells reduce sphingosylphosphorylcholine-induced smooth muscle cell contraction in co-culture system through integrin β 4 and Fyn. <i>Acta Pharmacologica Sinica</i> , 2012, 33, 57-65.	6.1	10
40	Sphingosylphosphorylcholine promotes the differentiation of resident Sca-1 positive cardiac stem cells to cardiomyocytes through lipid raft/JNK/STAT3 and β -catenin signaling pathways. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 1579-1588.	4.1	10
41	Suppressing Akt phosphorylation and activating Fas by safrole oxide inhibited angiogenesis and induced vascular endothelial cell apoptosis in the presence of fibroblast growth factor-2 and serum. <i>International Journal of Biochemistry and Cell Biology</i> , 2006, 38, 1603-1613.	2.8	9
42	TLR2 Involved in Naive CD4+ T Cells Rescues Stress-Induced Immune Suppression by Regulating Th1/Th2 and Th17. <i>NeuroImmunoModulation</i> , 2015, 22, 328-336.	1.8	9
43	A benzoxazine derivative induces vascular endothelial cell apoptosis in the presence of fibroblast growth factor-2 by elevating NADPH oxidase activity and reactive oxygen species levels. <i>Toxicology in Vitro</i> , 2009, 23, 1039-1046.	2.4	8
44	Sodium orthovanadate suppresses palmitate-induced cardiomyocyte apoptosis by regulation of the JAK2/STAT3 signaling pathway. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2016, 21, 546-557.	4.9	8
45	<p>Transplantation of Lymphocytes Co-Cultured with Human Cord Blood-Derived Multipotent Stem Cells Attenuates Inflammasome Activity in Ischemic Stroke</p>. <i>Clinical Interventions in Aging</i> , 2019, Volume 14, 2261-2271.	2.9	8
46	Association Between GSTM1 Null Genotype and Coronary Artery Disease Risk: A Meta-Analysis. <i>Medical Science Monitor</i> , 2014, 20, 1550-1555.	1.1	8
47	Effects of various doses of atorvastatin on vascular endothelial cell apoptosis and autophagy in vitro. <i>Molecular Medicine Reports</i> , 2019, 19, 1919-1925.	2.4	8
48	Effects of Novel Safrole Oxide Derivatives, 1-Propyl-3-(3,4-methylenedioxyphenyl)-2-propanol and 1-Isopropoxy-3-(3,4-methylenedioxyphenyl)-2-propanol, on Apoptosis Induced by Deprivation of Survival Factors in Vascular Endothelial Cells. <i>Endothelium: Journal of Endothelial Cell Research</i> , 2004, 11, 267-273.	1.7	7
49	Novel effects of sphingosylphosphorylcholine on the apoptosis of breast cancer via autophagy/AKT/p38 and JNK signaling. <i>Journal of Cellular Physiology</i> , 2019, 234, 11451-11462.	4.1	7
50	Finding ATF4/p75NTR/IL-8 Signal Pathway in Endothelial "Mesenchymal Transition by Safrole Oxide. <i>PLoS ONE</i> , 2014, 9, e99378.	2.5	6
51	Identification of a small molecule preventing BMSC senescence in vitro by improving intracellular homeostasis via ANXA7 and Hmbox1. <i>RSC Advances</i> , 2014, 4, 56722-56730.	3.6	6
52	Identification of New Small Molecules as Apoptosis Inhibitors in Vascular Endothelial Cells. <i>Journal of Cardiovascular Pharmacology</i> , 2016, 67, 312-318.	1.9	6
53	Sphingosylphosphorylcholine in cancer progress. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 11913-21.	1.3	6
54	JNK-dependent phosphorylation and nuclear translocation of EGR-1 promotes cardiomyocyte apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2022, 27, 246-260.	4.9	6

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55	Membrane occupation and recognition nexus (<scp>MORN</scp>) motif controls protein localization and function. <i>FEBS Letters</i> , 2022, 596, 1839-1850.	2.8	6
56	ZnS nanoarchitectures induced dysfunction of vascular endothelial cells <i>in vitro</i> and <i>in vivo</i>. <i>Environmental Toxicology</i> , 2015, 30, 755-768.	4.0	5
57	GSK-3 β promotes PA-induced apoptosis through changing β -arrestin 2 nucleus location in H9c2 cardiomyocytes. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2016, 21, 1045-1055.	4.9	5
58	MicroRNA-155-5p/EPAS1/interleukin 6 pathway participated in the protection function of sphingosylphosphorylcholine to ischemic cardiomyocytes. <i>Life Sciences</i> , 2021, 264, 118692.	4.3	5
59	A disputed evidence on obesity: comparison of the effects of Rcan2 Δ and Rps6kb1 Δ mutations on growth and body weight in C57BL/6J mice. <i>Journal of Zhejiang University: Science B</i> , 2016, 17, 657-671.	2.8	3
60	Regulation of airway inflammation and remodeling in asthmatic mice by TLR3/TRIF signal pathway. <i>Molecular Immunology</i> , 2017, 85, 265-272.	2.2	3
61	Combined detection of insulin-like growth factor-binding protein 7 promoter methylation improves the diagnostic efficacy of AFP in hepatitis B virus-associated hepatocellular carcinoma. <i>Pathology Research and Practice</i> , 2018, 214, 144-150.	2.3	3
62	Peripheral tumor necrosis factor- α -induced protein 8-like 2 mRNA level for predicting 3-month mortality of patients with acute ischemic stroke. <i>Journal of Neurology</i> , 2018, 265, 2573-2586.	3.6	3
63	A benzoxazine derivative specifically inhibits cell cycle progression in p53-wild type pulmonary adenocarcinoma cells. <i>Frontiers in Biology</i> , 2010, 5, 180-186.	0.7	2
64	Loss of liver kinase B1 causes planar polarity defects in cochlear hair cells in mice. <i>Frontiers of Medicine</i> , 2016, 10, 481-489.	3.4	2
65	Risk assessment models to evaluate the necessity of prostate biopsies in North Chinese patients with 4-50 ng/mL PSA. <i>Oncotarget</i> , 2017, 8, 9935-9946.	1.8	2
66	Potential role of recombinant adeno-associated virus human thioredoxin-PR39 in cell and vascular protection against hypoxia. <i>Experimental and Therapeutic Medicine</i> , 2015, 9, 1605-1610.	1.8	1
67	Association Between Aspirin Usage and Age-Related Macular Degeneration: An Updated Systematic Review and Meta-analysis. <i>Frontiers in Pharmacology</i> , 2022, 13, 824745.	3.5	0