Chuanfu Li

List of Publications by Year in descending order

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85	4,374	87888 38	110387 64
papers	citations	h-index	g-index

86	86	86	5408
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lactate promotes macrophage HMGB1 lactylation, acetylation, and exosomal release in polymicrobial sepsis. Cell Death and Differentiation, 2022, 29, 133-146.	11.2	166
2	Attenuation of Cardiac Dysfunction in Polymicrobial Sepsis by MicroRNA-146a Is Mediated via Targeting of IRAK1 and TRAF6 Expression. Journal of Immunology, 2015, 195, 672-682.	0.8	155
3	NF-Î²B activation is required for the development of cardiac hypertrophy in vivo. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 287, H1712-H1720.	3.2	154
4	Increased expression of microRNA-146a decreases myocardial ischaemia/reperfusion injury. Cardiovascular Research, 2013, 97, 432-442.	3.8	152
5	Modulating Toll-like receptor mediated signaling by (1â†'3)-Î²-?-glucan rapidly induces cardioprotection. Cardiovascular Research, 2004, 61, 538-547.	3.8	149
6	A newly developed PCR assay ofH. pylori in gastric biopsy, saliva, and feces. Digestive Diseases and Sciences, 1996, 41, 2142-2149.	2.3	145
7	Protection against Myocardial Ischemia/Reperfusion Injury in TLR4-Deficient Mice Is Mediated through a Phosphoinositide 3-Kinase-Dependent Mechanism. Journal of Immunology, 2007, 178, 7317-7324.	0.8	145
8	Early activation of transcription factor NF-Î²B during ischemia in perfused rat heart. American Journal of Physiology - Heart and Circulatory Physiology, 1999, 276, H543-H552.	3.2	134
9	Reduced cardiac hypertrophy in toll-like receptor 4-deficient mice following pressure overload. Cardiovascular Research, 2005, 68, 224-234.	3.8	133
10	MicroRNA-125b protects against myocardial ischaemia/reperfusion injury via targeting p53-mediated apoptotic signalling and TRAF6. Cardiovascular Research, 2014, 102, 385-395.	3.8	132
11	Scavenger Receptor-A (CD204): A Two-Edged Sword in Health and Disease. Critical Reviews in Immunology, 2014, 34, 241-261.	0.5	122
12	Preconditioning with a TLR2 specific ligand increases resistance to cerebral ischemia/reperfusion injury. Journal of Neuroimmunology, 2008, 199, 75-82.	2.3	114
13	Lactate and Immunosuppression in Sepsis. Shock, 2018, 49, 120-125.	2.1	112
14	Enhanced Glycolytic Metabolism Contributes to Cardiac Dysfunction in Polymicrobial Sepsis. Journal of Infectious Diseases, 2017, 215, 1396-1406.	4.0	110
15	Baicalein inhibits IL-1Î²- and TNF-Î±-induced inflammatory cytokine production from human mast cells via regulation of the NF-Î²B pathway. Clinical and Molecular Allergy, 2007, 5, 5.	1.8	108
16	Toll-Like Receptors: New Players in Myocardial Ischemia/Reperfusion Injury. Antioxidants and Redox Signaling, 2011, 15, 1875-1893.	5.4	97
17	Lactate Suppresses Macrophage Pro-Inflammatory Response to LPS Stimulation by Inhibition of YAP and NF-Î²B Activation via GPR81-Mediated Signaling. Frontiers in Immunology, 2020, 11, 587913.	4.8	95
18	TLR2 ligands induce cardioprotection against ischaemia/reperfusion injury through a PI3K/Akt-dependent mechanism. Cardiovascular Research, 2010, 87, 694-703.	3.8	94

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19	Attenuation of cardiac dysfunction and remodeling of myocardial infarction by microRNA-130a are mediated by suppression of PTEN and activation of PI3K dependent signaling. Journal of Molecular and Cellular Cardiology, 2015, 89, 87-97.	1.9	79
20	Scavenger receptor A (SR-A) is required for LPS-induced TLR4 mediated NF-Î¹B activation in macrophages. Biochimica Et Biophysica Acta - Molecular Cell Research, 2012, 1823, 1192-1198.	4.1	78
21	Blockade of MyD88 attenuates cardiac hypertrophy and decreases cardiac myocyte apoptosis in pressure overload-induced cardiac hypertrophy in vivo. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 290, H985-H994.	3.2	76
22	TLR3 Mediates Repair and Regeneration of Damaged Neonatal Heart through Glycolysis Dependent YAP1 Regulated miR-152 Expression. Cell Death and Differentiation, 2018, 25, 966-982.	11.2	70
23	TLR2 Ligand Induces Protection against Cerebral Ischemia/Reperfusion Injury via Activation of Phosphoinositide 3-Kinase/Akt Signaling. Journal of Immunology, 2011, 187, 1458-1466.	0.8	68
24	Early activation of IKKÎ² during in vivo myocardial ischemia. American Journal of Physiology - Heart and Circulatory Physiology, 2001, 280, H1264-H1271.	3.2	64
25	The TLR9 Ligand, CpGâ€ODN, Induces Protection against Cerebral Ischemia/Reperfusion Injury via Activation of PI3K/Akt Signaling. Journal of the American Heart Association, 2014, 3, e000629.	3.7	64
26	Toll-like receptor 3 plays a role in myocardial infarction and ischemia/reperfusion injury. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 22-31.	3.8	60
27	Blocking the MyD88-dependent pathway protects the myocardium from ischemia/reperfusion injury in rat hearts. Biochemical and Biophysical Research Communications, 2005, 338, 1118-1125.	2.1	59
28	CpG-ODN, the TLR9 agonist, attenuates myocardial ischemia/reperfusion injury: Involving activation of PI3K/Akt signaling. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2013, 1832, 96-104.	3.8	59
29	MicroRNA-214 protects against hypoxia/reoxygenation induced cell damage and myocardial ischemia/reperfusion injury via suppression of PTEN and Bim1 expression. Oncotarget, 2016, 7, 86926-86936.	1.8	58
30	TLR2 ligands attenuate cardiac dysfunction in polymicrobial sepsis via a phosphoinositide 3-kinase-dependent mechanism. American Journal of Physiology - Heart and Circulatory Physiology, 2010, 298, H984-H991.	3.2	57
31	Pellino1-mediated TGF-Î²1 synthesis contributes to mechanical stress induced cardiac fibroblast activation. Journal of Molecular and Cellular Cardiology, 2015, 79, 145-156.	1.9	53
32	Adenosine prevents activation of transcription factor NF-Î¹B and enhances activator protein-1 binding activity in ischemic rat heart. Surgery, 2000, 127, 161-169.	1.9	51
33	Carbamylated erythropoietin protects the myocardium from acute ischemia/reperfusion injury through a PI3K/Akt-dependent mechanism. Surgery, 2009, 146, 506-514.	1.9	50
34	HSPA12B Attenuated Acute Myocardial Ischemia/reperfusion Injury via Maintaining Endothelial Integrity in a PI3K/Akt/mTOR-dependent Mechanism. Scientific Reports, 2016, 6, 33636.	3.3	49
35	HSPA12A Is a Novel Player in Nonalcoholic Steatohepatitis via Promoting Nuclear PKM2-Mediated M1 Macrophage Polarization. Diabetes, 2019, 68, 361-376.	0.6	49
36	Neonatal 6-Hydroxydopamine and Adult SKF 38393 Treatments Alter Dopamine D1 Receptor mRNA Levels: Absence of Other Neurochemical Associations with the Enhanced Behavioral Responses of Lesioned Rats. Journal of Neurochemistry, 2002, 63, 1282-1290.	3.9	46

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37	HSPA12A attenuates lipopolysaccharide-induced liver injury through inhibiting caspase-11-mediated hepatocyte pyroptosis via PGC-1Î±-dependent acyloxyacyl hydrolase expression. Cell Death and Differentiation, 2020, 27, 2651-2667.	11.2	45
38	Scavenger Receptor Class-A Has a Central Role in Cerebral Ischemiaâ€“Reperfusion Injury. Journal of Cerebral Blood Flow and Metabolism, 2010, 30, 1972-1981.	4.3	44
39	Glucan phosphate attenuates cardiac dysfunction and inhibits cardiac MIF expression and apoptosis in septic mice. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 291, H1910-H1918.	3.2	41
40	Triad3A attenuates pathological cardiac hypertrophy involving the augmentation of ubiquitination-mediated degradation of TLR4 and TLR9. Basic Research in Cardiology, 2020, 115, 19.	5.9	39
41	Scavenger Receptor Class A Plays a Central Role in Mediating Mortality and the Development of the Pro-Inflammatory Phenotype in Polymicrobial Sepsis. PLoS Pathogens, 2012, 8, e1002967.	4.7	38
42	Cardiomyocyte-specific deficiency of HSPB1 worsens cardiac dysfunction by activating NFÎºB-mediated leucocyte recruitment after myocardial infarction. Cardiovascular Research, 2019, 115, 154-167.	3.8	38
43	MyD88-dependent nuclear factor-ÎºB activation is involved in fibrinogen-induced hypertrophic response of cardiomyocytes. Journal of Hypertension, 2009, 27, 1084-1093.	0.5	36
44	Glucan phosphate attenuates myocardial HMGB1 translocation in severe sepsis through inhibiting NF-ÎºB activation. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 301, H848-H855.	3.2	35
45	Peli1 induction impairs cardiac microvascular endothelium through Hsp90 dissociation from IRE1Î±. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 2606-2617.	3.8	35
46	The Toll-like Receptor 9 Ligand, CpG Oligodeoxynucleotide, Attenuates Cardiac Dysfunction in Polymicrobial Sepsis, Involving Activation of Both Phosphoinositide 3 Kinase/Akt and Extracellular-Signal-Related Kinase Signaling. Journal of Infectious Diseases, 2013, 207, 1471-1479.	4.0	34
47	17Î²-estradiol inhibits angiotensin II-induced cardiac myofibroblast differentiation. European Journal of Pharmacology, 2009, 616, 155-159.	3.5	33
48	HSP27 Alleviates Cardiac Aging in Mice via a Mechanism Involving Antioxidation and Mitophagy Activation. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-13.	4.0	33
49	Class III <scp>PI</scp>3Kâ€mediated prolonged activation of autophagy plays a critical role in the transition of cardiac hypertrophy to heart failure. Journal of Cellular and Molecular Medicine, 2015, 19, 1710-1719.	3.6	32
50	The TIR/BB-loop mimetic AS-1 prevents cardiac hypertrophy by inhibiting IL-1R-mediated MyD88-dependent signaling. Basic Research in Cardiology, 2011, 106, 787-799.	5.9	28
51	HSPA12A is required for adipocyte differentiation and diet-induced obesity through a positive feedback regulation with PPARÎ³. Cell Death and Differentiation, 2019, 26, 2253-2267.	11.2	28
52	Lactate induces vascular permeability via disruption of VE-cadherin in endothelial cells during sepsis. Science Advances, 2022, 8, eabm8965.	10.3	28
53	Silencing of Pellino1 improves post-infarct cardiac dysfunction and attenuates left ventricular remodelling in mice. Cardiovascular Research, 2014, 102, 46-55.	3.8	27
54	SR-A deficiency reduces myocardial ischemia/reperfusion injury; involvement of increased microRNA-125b expression in macrophages. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2013, 1832, 336-346.	3.8	26

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55	Novel Role of Endothelial Derived Exosomal HSPA12B in Regulating Macrophage Inflammatory Responses in Polymicrobial Sepsis. Frontiers in Immunology, 2020, 11, 825.	4.8	26
56	Restraint stress induces lymphocyte reduction through p53 and PI3K/NF-ÎºB pathways. Journal of Neuroimmunology, 2008, 200, 71-76.	2.3	25
57	Poly (I:C) therapy decreases cerebral ischaemia/reperfusion injury via <scp>TLR</scp>3â€mediated prevention of Fas/<scp>FADD</scp> interaction. Journal of Cellular and Molecular Medicine, 2015, 19, 555-565.	3.6	25
58	Transcription factor GATA-4 is involved in erythropoietin-induced cardioprotection against myocardial ischemia/reperfusion injury. International Journal of Cardiology, 2009, 134, 384-392.	1.7	24
59	Activation of Myocardial Phosphoinositide-3-Kinase p110Î± Ameliorates Cardiac Dysfunction and Improves Survival in Polymicrobial Sepsis. PLoS ONE, 2012, 7, e44712.	2.5	21
60	Overexpression of TLR2 and TLR4 susceptibility to serum deprivation-induced apoptosis in CHO cells. Biochemical and Biophysical Research Communications, 2005, 337, 840-848.	2.1	20
61	The Toll-Like Receptor 9 Agonist, CpG-Oligodeoxynucleotide 1826, Ameliorates Cardiac Dysfunction After Trauma-Hemorrhage. Shock, 2012, 38, 146-152.	2.1	20
62	Enhanced effects of cigarette smoke extract on inflammatory cytokine expression in IL-1Î²-activated human mast cells were inhibited by Baicalein via regulation of the NF-ÎºB pathway. Clinical and Molecular Allergy, 2012, 10, 3.	1.8	20
63	HSPA12A unstabilizes CD147 to inhibit lactate export and migration in human renal cell carcinoma. Theranostics, 2020, 10, 8573-8590.	10.0	19
64	Endothelial HSPA12B Exerts Protection Against Sepsis-Induced Severe Cardiomyopathy via Suppression of Adhesion Molecule Expression by miR-126. Frontiers in Immunology, 2020, 11, 566.	4.8	19
65	Phosphoinositide-3-kinase/akt - dependent signaling is required for maintenance of [Ca2+]i,ICa, and Ca2+ transients in HL-1 cardiomyocytes. Journal of Biomedical Science, 2012, 19, 59.	7.0	18
66	Heat shock protein A12A encodes a novel prosurvival pathway during ischaemic stroke. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 1862-1872.	3.8	18
67	Cellular Cardiomyoplasty: What Have We Learned?. Asian Cardiovascular and Thoracic Annals, 2009, 17, 89-101.	0.5	15
68	HSPA12B: a novel facilitator of lung tumor growth. Oncotarget, 2015, 6, 9924-9936.	1.8	15
69	The TIR/BB-loop mimetic AS-1 attenuates mechanical stress-induced cardiac fibroblast activation and paracrine secretion via modulation of large tumor suppressor kinase 1. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 1191-1202.	3.8	9
70	Gallstone disease is associated with arterial stiffness progression. Hypertension Research, 2017, 40, 31-34.	2.7	9
71	Î±-Lipoic acid protected cardiomyoblasts from the injury induced by sodium nitroprusside through ROS-mediated Akt/Gsk-3Î² activation. Toxicology in Vitro, 2014, 28, 1461-1473.	2.4	8
72	HSPA12B attenuates acute lung injury during endotoxemia in mice. International Immunopharmacology, 2015, 29, 599-606.	3.8	7

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73	<scp>HSPA</scp>12B promotes functional recovery after ischaemic stroke through an <scp>eNOS</scp>â€dependent mechanism. Journal of Cellular and Molecular Medicine, 2018, 22, 2252-2262.	3.6	7
74	Cardiovascular Dysfunction in COVID-19: Association Between Endothelial Cell Injury and Lactate. Frontiers in Immunology, 2022, 13, 868679.	4.8	7
75	TIR/BB-loop mimetic AS-1 attenuates cardiac ischemia/reperfusion injury via a caveolae and caveolin-3-dependent mechanism. Scientific Reports, 2017, 7, 44638.	3.3	4
76	Loss of monocyte metabolic plasticity in endotoxin tolerance: A model for understanding sepsis-induced immune paralysis?. Journal of Leukocyte Biology, 2019, 106, 7-9.	3.3	4
77	Activation of Nuclear Factor-ĸB. , 2006, 315, 141-150.		3
78	HSPA12A Stimulates p38/ERK-AP-1 Signaling to Promote Angiogenesis and Is Required for Functional Recovery Postmyocardial Infarction. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-16.	4.0	3
79	TLR4 and Fasâ€L temporally increase in ischemic mouse brain. FASEB Journal, 2007, 21, A1278.	0.5	1
80	Adult stem cells and angiogenic factors for myocardial infarction. FASEB Journal, 2006, 20, A315.	0.5	0
81	Reduced neuronal injury following global cerebral ischemia in Tollâ€like Receptor 4 knockout mice. FASEB Journal, 2006, 20, .	0.5	0
82	Effects of ACEâ€Inhibition on ANG II and IGFâ€1 Signaling During Development and Regression of Eccentric Cardiac Hypertrophy. FASEB Journal, 2006, 20, A834.	0.5	0
83	Modulation of TLR2 induces cardioprotection through a Phosphoinositide 3â€Kinase Dependent Mechanism. FASEB Journal, 2007, 21, A867.	0.5	0
84	Role of Toll-Like Receptors in Myocardial Ischemia/Reperfusion Injury. , 2013, , 123-142.		0
85	Effect of Sepsis on Circulating CTRP3 Levels. FASEB Journal, 2019, 33, .	0.5	0