Chuanfu Li

List of Publications by Year in descending order

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85 papers	4,374 citations	87888 38 h-index	110387 64 g-index
86 all docs	86 docs citations	86 times ranked	5408 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	Cardiovascular Dysfunction in COVID-19: Association Between Endothelial Cell Injury and Lactate. Frontiers in Immunology, 2022, 13, 868679.	4.8	7
3	Lactate induces vascular permeability via disruption of VE-cadherin in endothelial cells during sepsis. Science Advances, 2022, 8, eabm8965.	10.3	28
4	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
5	HSPA12A unstabilizes CD147 to inhibit lactate export and migration in human renal cell carcinoma. Theranostics, 2020, 10, 8573-8590.	10.0	19
6	Lactate Suppresses Macrophage Pro-Inflammatory Response to LPS Stimulation by Inhibition of YAP and NF-Îº B Activation via GPR81-Mediated Signaling. Frontiers in Immunology, 2020, 11, 587913.	4.8	95
7	Novel Role of Endothelial Derived Exosomal HSPA12B in Regulating Macrophage Inflammatory Responses in Polymicrobial Sepsis. Frontiers in Immunology, 2020, 11, 825.	4.8	26
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	HSPA12A Is a Novel Player in Nonalcoholic Steatohepatitis via Promoting Nuclear PKM2-Mediated M1 Macrophage Polarization. Diabetes, 2019, 68, 361-376.	0.6	49
16	Effect of Sepsis on Circulating CTRP3 Levels. FASEB Journal, 2019, 33, .	0.5	0
17	<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
18	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

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19	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
20	Lactate and Immunosuppression in Sepsis. Shock, 2018, 49, 120-125.	2.1	112
21	Enhanced Glycolytic Metabolism Contributes to Cardiac Dysfunction in Polymicrobial Sepsis. Journal of Infectious Diseases, 2017, 215, 1396-1406.	4.0	110
22	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
23	Gallstone disease is associated with arterial stiffness progression. Hypertension Research, 2017, 40, 31-34.	2.7	9
24	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
25	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
26	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
27	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
28	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
29	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
30	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
31	HSPA12B attenuates acute lung injury during endotoxemia in mice. International Immunopharmacology, 2015, 29, 599-606.	3.8	7
32	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
33	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
34	HSPA12B: a novel facilitator of lung tumor growth. Oncotarget, 2015, 6, 9924-9936.	1.8	15
35	Scavenger Receptor-A (CD204): A Two-Edged Sword in Health and Disease. Critical Reviews in Immunology, 2014, 34, 241-261.	0.5	122
36	Silencing of Pellino1 improves post-infarct cardiac dysfunction and attenuates left ventricular remodelling in mice. Cardiovascular Research, 2014, 102, 46-55.	3.8	27

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37	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
38	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
39	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
40	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
41	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
42	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
43	Increased expression of microRNA-146a decreases myocardial ischaemia/reperfusion injury. Cardiovascular Research, 2013, 97, 432-442.	3.8	152
44	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
45	Role of Toll-Like Receptors in Myocardial Ischemia/Reperfusion Injury. , 2013, , 123-142.		0
46	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
47	The Toll-Like Receptor 9 Agonist, CpG-Oligodeoxynucleotide 1826, Ameliorates Cardiac Dysfunction After Trauma-Hemorrhage. Shock, 2012, 38, 146-152.	2.1	20
48	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
49	Activation of Myocardial Phosphoinositide-3-Kinase p110Î± Ameliorates Cardiac Dysfunction and Improves Survival in Polymicrobial Sepsis. PLoS ONE, 2012, 7, e44712.	2.5	21
50	Scavenger receptor A (SR-A) is required for LPS-induced TLR4 mediated NF-ÎºB activation in macrophages. Biochimica Et Biophysica Acta - Molecular Cell Research, 2012, 1823, 1192-1198.	4.1	78
51	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
52	Toll-Like Receptors: New Players in Myocardial Ischemia/Reperfusion Injury. Antioxidants and Redox Signaling, 2011, 15, 1875-1893.	5.4	97
53	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
54	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

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55	Glucan phosphate attenuates myocardial HMGB1 translocation in severe sepsis through inhibiting NF-Î²B activation. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 301, H848-H855.	3.2	35
56	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
57	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
58	TLR2 ligands induce cardioprotection against ischaemia/reperfusion injury through a PI3K/Akt-dependent mechanism. Cardiovascular Research, 2010, 87, 694-703.	3.8	94
59	Cellular Cardiomyoplasty: What Have We Learned?. Asian Cardiovascular and Thoracic Annals, 2009, 17, 89-101.	0.5	15
60	Carbamylated erythropoietin protects the myocardium from acute ischemia/reperfusion injury through a PI3K/Akt-dependent mechanism. Surgery, 2009, 146, 506-514.	1.9	50
61	17Î²-estradiol inhibits angiotensin II-induced cardiac myofibroblast differentiation. European Journal of Pharmacology, 2009, 616, 155-159.	3.5	33
62	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
63	MyD88-dependent nuclear factor-Î²B activation is involved in fibrinogen-induced hypertrophic response of cardiomyocytes. Journal of Hypertension, 2009, 27, 1084-1093.	0.5	36
64	Preconditioning with a TLR2 specific ligand increases resistance to cerebral ischemia/reperfusion injury. Journal of Neuroimmunology, 2008, 199, 75-82.	2.3	114
65	Restraint stress induces lymphocyte reduction through p53 and PI3K/NF-Î²B pathways. Journal of Neuroimmunology, 2008, 200, 71-76.	2.3	25
66	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
67	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
68	Modulation of TLR2 induces cardioprotection through a Phosphoinositide 3â€Kinase Dependent Mechanism. FASEB Journal, 2007, 21, A867.	0.5	0
69	TLR4 and Fasâ€Ł temporally increase in ischemic mouse brain. FASEB Journal, 2007, 21, A1278.	0.5	1
70	Activation of Nuclear Factor-kB. , 2006, 315, 141-150.		3
71	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
72	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

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73	Adult stem cells and angiogenic factors for myocardial infarction. FASEB Journal, 2006, 20, A315.	0.5	0
74	Reduced neuronal injury following global cerebral ischemia in Tollâ€like Receptor 4 knockout mice. FASEB Journal, 2006, 20, .	0.5	0
75	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
76	Reduced cardiac hypertrophy in toll-like receptor 4-deficient mice following pressure overload. Cardiovascular Research, 2005, 68, 224-234.	3.8	133
77	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
78	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
79	NF-ÎºB 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
80	Modulating Toll-like receptor mediated signaling by (1â†'3)-Î²-?-glucan rapidly induces cardioprotection. Cardiovascular Research, 2004, 61, 538-547.	3.8	149
81	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
82	Early activation of IKKÎ² during in vivo myocardial ischemia. American Journal of Physiology - Heart and Circulatory Physiology, 2001, 280, H1264-H1271.	3.2	64
83	Adenosine prevents activation of transcription factor NF-ÎºB and enhances activator protein-1 binding activity in ischemic rat heart. Surgery, 2000, 127, 161-169.	1.9	51
84	Early activation of transcription factor NF-ÎºB during ischemia in perfused rat heart. American Journal of Physiology - Heart and Circulatory Physiology, 1999, 276, H543-H552.	3.2	134
85	A newly developed PCR assay ofH. pylori in gastric biopsy, saliva, and feces. Digestive Diseases and Sciences, 1996, 41, 2142-2149.	2.3	145