

Jian-Mei Li

List of Publications by Year in descending order

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38
papers

3,793
citations

218677

26
h-index

315739

38
g-index

38
all docs

38
docs citations

38
times ranked

4812
citing authors

#	ARTICLE	IF	CITATIONS
1	Endothelial cell superoxide generation: regulation and relevance for cardiovascular pathophysiology. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2004, 287, R1014-R1030.	1.8	632
2	Activation of NADPH Oxidase During Progression of Cardiac Hypertrophy to Failure. <i>Hypertension</i> , 2002, 40, 477-484.	2.7	471
3	Intracellular Localization and Preassembly of the NADPH Oxidase Complex in Cultured Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 19952-19960.	3.4	343
4	Essential Role of the NADPH Oxidase Subunit p47 ^{phox} in Endothelial Cell Superoxide Production in Response to Phorbol Ester and Tumor Necrosis Factor- α . <i>Circulation Research</i> , 2002, 90, 143-150.	4.5	295
5	Mechanism of Endothelial Cell NADPH Oxidase Activation by Angiotensin II. <i>Journal of Biological Chemistry</i> , 2003, 278, 12094-12100.	3.4	272
6	ROS Generation by Nonphagocytic NADPH Oxidase. <i>Journal of the American Society of Nephrology: JASN</i> , 2003, 14, S221-S226.	6.1	260
7	Acute Tumor Necrosis Factor Alpha Signaling via NADPH Oxidase in Microvascular Endothelial Cells: Role of p47 ^{phox} Phosphorylation and Binding to TRAF4. <i>Molecular and Cellular Biology</i> , 2005, 25, 2320-2330.	2.3	190
8	Cardiac contractile impairment associated with increased phosphorylation of troponin I in endotoxemic rats. <i>FASEB Journal</i> , 2001, 15, 294-296.	0.5	168
9	Opposing Roles of p47 ^{phox} in Basal Versus Angiotensin II-Induced Alterations in Vascular O ₂ ⁻ Production, Vascular Tone, and Mitogen-Activated Protein Kinase Activation. <i>Circulation</i> , 2004, 109, 1307-1313.	1.6	108
10	Endothelial Cell-Specific Reactive Oxygen Species Production Increases Susceptibility to Aortic Dissection. <i>Circulation</i> , 2014, 129, 2661-2672.	1.6	96
11	Oxidative stress, redox signalling and endothelial dysfunction in ageing-related neurodegenerative diseases: a role of NADPH oxidase 2. <i>British Journal of Clinical Pharmacology</i> , 2014, 78, 441-453.	2.4	85
12	Accelerated endothelial dysfunction in mild prediabetic insulin resistance: the early role of reactive oxygen species. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 293, E1311-E1319.	3.5	71
13	Inactivation of Adenosine A _{2A} Receptor Attenuates Basal and Angiotensin II-induced ROS Production by Nox2 in Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2010, 285, 40104-40113.	3.4	65
14	Molecular Insights of p47 ^{phox} Phosphorylation Dynamics in the Regulation of NADPH Oxidase Activation and Superoxide Production. <i>Journal of Biological Chemistry</i> , 2014, 289, 22759-22770.	3.4	65
15	Crucial roles of N _{ox} -derived oxidative stress in deteriorating the function of insulin receptors and endothelium in dietary obesity of middle-aged mice. <i>British Journal of Pharmacology</i> , 2013, 170, 1064-1077.	5.4	61
16	Nox2 regulates endothelial cell cycle arrest and apoptosis via p21 ^{cip1} and p53. <i>Free Radical Biology and Medicine</i> , 2007, 43, 976-986.	2.9	60
17	Nox2 contributes to age-related oxidative damage to neurons and the cerebral vasculature. <i>Journal of Clinical Investigation</i> , 2019, 129, 3374-3386.	8.2	60
18	Aging-associated metabolic disorder induces Nox2 activation and oxidative damage of endothelial function. <i>Free Radical Biology and Medicine</i> , 2017, 108, 940-951.	2.9	55

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19	Phenotypic Properties and Characteristics of Superoxide Production by Mouse Coronary Microvascular Endothelial Cells. <i>Journal of Molecular and Cellular Cardiology</i> , 2001, 33, 1119-1131.	1.9	51
20	Chronic Cocaine-Induced Cardiac Oxidative Stress and Mitogen-Activated Protein Kinase Activation: The Role of Nox2 Oxidase. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 328, 99-106.	2.5	46
21	Nox2 dependent redox-regulation of microglial response to amyloid- β^2 stimulation and microgliosis in aging. <i>Scientific Reports</i> , 2020, 10, 1582.	3.3	38
22	Evaluation of methods of detecting cell reactive oxygen species production for drug screening and cell cycle studies. <i>Journal of Pharmacological and Toxicological Methods</i> , 2014, 70, 40-47.	0.7	33
23	Adenosine A2A receptor signaling regulation of cardiac NADPH oxidase activity. <i>Free Radical Biology and Medicine</i> , 2008, 44, 1433-1442.	2.9	32
24	Mechanochemical ablation causes endothelial and medial damage to the vein wall resulting in deeper penetration of sclerosant compared with sclerotherapy alone in extrafascial great saphenous vein using an ex vivo model. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , 2017, 5, 370-377.	1.6	32
25	Nox2-derived ROS in PPAR β^3 signaling and cell-cycle progression of lung alveolar epithelial cells. <i>Free Radical Biology and Medicine</i> , 2011, 51, 763-772.	2.9	31
26	Placental and Fetal Cardiac Laminin are Targets for Cross-reacting Autoantibodies from Mothers of Children with Congenital Heart Block. <i>Journal of Autoimmunity</i> , 1996, 9, 561-568.	6.5	29
27	Knockout of p47 ^{phox} Uncovers a Critical Role of p40 ^{phox} in Reactive Oxygen Species Production in Microvascular Endothelial Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 1651-1656.	2.4	24
28	Divergent Effects of p47 ^{phox} Phosphorylation at S303-4 or S379 on Tumor Necrosis Factor- β Signaling via TRAF4 and MAPK in Endothelial Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 1488-1496.	2.4	22
29	Consensus in silico computational modelling of the p22 ^{phox} subunit of the NADPH oxidase. <i>Computational Biology and Chemistry</i> , 2012, 39, 6-13.	2.3	20
30	p22 ^{phox} C242T Single-Nucleotide Polymorphism Inhibits Inflammatory Oxidative Damage to Endothelial Cells and Vessels. <i>Circulation</i> , 2016, 133, 2391-2403.	1.6	15
31	Inhibition of endothelial Nox2 activation by LMH001 protects mice from angiotensin II-induced vascular oxidative stress, hypertension and aortic aneurysm. <i>Redox Biology</i> , 2022, 51, 102269.	9.0	12
32	Impact of unhealthy lifestyle on cardiorespiratory fitness and heart rate recovery of medical science students. <i>BMC Public Health</i> , 2020, 20, 1012.	2.9	11
33	p47 ^{phox} -Dependent Oxidant Signalling through ASK1, MKK3/6 and MAPKs in Angiotensin II-Induced Cardiac Hypertrophy and Apoptosis. <i>Antioxidants</i> , 2021, 10, 1363.	5.1	11
34	Targeting β^2 and β^1 for gene delivery to proliferating VSMCs: synergistic effect of TGF- β^1 . <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003, 285, H1123-H1131.	3.2	9
35	In vivo and in silico characterization of apocynin in reducing organ oxidative stress: A pharmacokinetic and pharmacodynamic study. <i>Pharmacology Research and Perspectives</i> , 2020, 8, e00635.	2.4	8
36	Nox2 dependent redox-regulation of Akt and ERK1/2 to promote left ventricular hypertrophy in dietary obesity of mice. <i>Biochemical and Biophysical Research Communications</i> , 2020, 528, 506-513.	2.1	8

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37	Recognition of 16â€“18-Year-Old Adolescents for Guiding Physical Activity Interventions: A Cross-Sectional Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5002.	2.6	3
38	NADPH OXIDASE ACTIVATION AND OXIDATIVE STRESS IN HIGH-FAT DIET-INDUCED HYPERTENSION AND METABOLIC DISORDERS. <i>Heart</i> , 2014, 100, A1.3-A1.	2.9	1