

Pin-Lan Li

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228
papers

5,587
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44
h-index

68
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246
ext. papers

6,477
ext. citations

3.7
avg, IF

5.83
L-index

#	Paper	IF	Citations
228	Redox regulation of NLRP3 inflammasomes: ROS as trigger or effector?. <i>Antioxidants and Redox Signaling</i> , 2015 , 22, 1111-29	8.4	439
227	Epoxyeicosatrienoic acids activate K ⁺ channels in coronary smooth muscle through a guanine nucleotide binding protein. <i>Circulation Research</i> , 1997 , 80, 877-84	15.7	190
226	The docosatriene protectin D1 is produced by TH2 skewing and promotes human T cell apoptosis via lipid raft clustering. <i>Journal of Biological Chemistry</i> , 2005 , 280, 43079-86	5.4	185
225	Characteristics and superoxide-induced activation of reconstituted myocardial mitochondrial ATP-sensitive potassium channels. <i>Circulation Research</i> , 2001 , 89, 1177-83	15.7	169
224	Lipid raft clustering and redox signaling platform formation in coronary arterial endothelial cells. <i>Hypertension</i> , 2006 , 47, 74-80	8.5	165
223	Activation of Nod-like receptor protein 3 inflammasomes turns on podocyte injury and glomerular sclerosis in hyperhomocysteinemia. <i>Hypertension</i> , 2012 , 60, 154-62	8.5	138
222	Reconstitution and characterization of a nicotinic acid adenine dinucleotide phosphate (NAADP)-sensitive Ca ²⁺ release channel from liver lysosomes of rats. <i>Journal of Biological Chemistry</i> , 2007 , 282, 25259-69	5.4	112
221	Trimethylamine-N-Oxide Instigates NLRP3 Inflammasome Activation and Endothelial Dysfunction. <i>Cellular Physiology and Biochemistry</i> , 2017 , 44, 152-162	3.9	108
220	NADPH oxidase-mediated triggering of inflammasome activation in mouse podocytes and glomeruli during hyperhomocysteinemia. <i>Antioxidants and Redox Signaling</i> , 2013 , 18, 1537-48	8.4	102
219	Homocysteine activates NADH/NADPH oxidase through ceramide-stimulated Rac GTPase activity in rat mesangial cells. <i>Kidney International</i> , 2004 , 66, 1977-87	9.9	95
218	Acid sphingomyelinase and its redox amplification in formation of lipid raft redox signaling platforms in endothelial cells. <i>Antioxidants and Redox Signaling</i> , 2007 , 9, 817-28	8.4	94
217	Nod-like receptor protein 3 (NLRP3) inflammasome activation and podocyte injury via thioredoxin-interacting protein (TXNIP) during hyperhomocysteinemia. <i>Journal of Biological Chemistry</i> , 2014 , 289, 27159-27168	5.4	92
216	Lipid raft redox signaling: molecular mechanisms in health and disease. <i>Antioxidants and Redox Signaling</i> , 2011 , 15, 1043-83	8.4	83
215	Mechanisms of homocysteine-induced glomerular injury and sclerosis. <i>American Journal of Nephrology</i> , 2008 , 28, 254-64	4.6	81
214	Endothelial NLRP3 inflammasome activation and enhanced neointima formation in mice by adipokine visfatin. <i>American Journal of Pathology</i> , 2014 , 184, 1617-28	5.8	76
213	TRP-ML1 functions as a lysosomal NAADP-sensitive Ca ²⁺ release channel in coronary arterial myocytes. <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 3174-85	5.6	75
212	Endothelial Nlrp3 inflammasome activation associated with lysosomal destabilization during coronary arteritis. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015 , 1853, 396-408	4.9	73

211	Activation of Nlrp3 inflammasomes enhances macrophage lipid-deposition and migration: implication of a novel role of inflammasome in atherogenesis. <i>PLoS ONE</i> , 2014 , 9, e87552	3.7	73
210	Role of sphingolipid mediator ceramide in obesity and renal injury in mice fed a high-fat diet. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010 , 334, 839-46	4.7	71
209	Production of NAADP and its role in Ca ²⁺ mobilization associated with lysosomes in coronary arterial myocytes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006 , 291, H274-82	5.2	71
208	Role of Nitric Oxide in the Cardiovascular and Renal Systems. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	68
207	Contribution of redox-dependent activation of endothelial Nlrp3 inflammasomes to hyperglycemia-induced endothelial dysfunction. <i>Journal of Molecular Medicine</i> , 2016 , 94, 1335-1347	5.5	67
206	Production and metabolism of ceramide in normal and ischemic-reperfused myocardium of rats. <i>Basic Research in Cardiology</i> , 2001 , 96, 267-74	11.8	67
205	Instigation of endothelial Nlrp3 inflammasome by adipokine visfatin promotes inter-endothelial junction disruption: role of HMGB1. <i>Journal of Cellular and Molecular Medicine</i> , 2015 , 19, 2715-27	5.6	64
204	Lipid raft redox signaling platforms in endothelial dysfunction. <i>Antioxidants and Redox Signaling</i> , 2007 , 9, 1457-70	8.4	64
203	Lysosomal targeting and trafficking of acid sphingomyelinase to lipid raft platforms in coronary endothelial cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008 , 28, 2056-62	9.4	63
202	Lipid Raft Clustering and Redox Signaling Platform Formation in Coronary Arterial Endothelial Cells. <i>Hypertension</i> , 2006 , 47, 74-80	8.5	63
201	Contribution of guanine nucleotide exchange factor Vav2 to hyperhomocysteinemic glomerulosclerosis in rats. <i>Hypertension</i> , 2009 , 53, 90-6	8.5	60
200	Coronary endothelial dysfunction induced by nucleotide oligomerization domain-like receptor protein with pyrin domain containing 3 inflammasome activation during hypercholesterolemia: beyond inflammation. <i>Antioxidants and Redox Signaling</i> , 2015 , 22, 1084-96	8.4	59
199	Contribution of endogenously produced reactive oxygen species to the activation of podocyte NLRP3 inflammasomes in hyperhomocysteinemia. <i>Free Radical Biology and Medicine</i> , 2014 , 67, 211-20	7.8	59
198	Activation of inflammasomes in podocyte injury of mice on the high fat diet: Effects of ASC gene deletion and silencing. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014 , 1843, 836-45	4.9	59
197	Critical role of lipid raft redox signaling platforms in endostatin-induced coronary endothelial dysfunction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008 , 28, 485-90	9.4	59
196	Role of renal medullary adenosine in the control of blood flow and sodium excretion. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1999 , 276, R790-8	3.2	55
195	Differential effects of short chain fatty acids on endothelial Nlrp3 inflammasome activation and neointima formation: Antioxidant action of butyrate. <i>Redox Biology</i> , 2018 , 16, 21-31	11.3	54
194	Endothelial NLRP3 inflammasome activation and arterial neointima formation associated with acid sphingomyelinase during hypercholesterolemia. <i>Redox Biology</i> , 2017 , 13, 336-344	11.3	53

193	Membrane raft-lysosome redox signalling platforms in coronary endothelial dysfunction induced by adipokine visfatin. <i>Cardiovascular Research</i> , 2011 , 89, 401-9	9.9	51
192	Acid sphingomyelinase inhibition protects mice from lung edema and lethal <i>Staphylococcus aureus</i> sepsis. <i>Journal of Molecular Medicine</i> , 2015 , 93, 675-89	5.5	50
191	Redox signaling via lipid raft clustering in homocysteine-induced injury of podocytes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2010 , 1803, 482-91	4.9	49
190	cADP-ribose activates reconstituted ryanodine receptors from coronary arterial smooth muscle. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001 , 280, H208-15	5.2	49
189	Control of autophagy maturation by acid sphingomyelinase in mouse coronary arterial smooth muscle cells: protective role in atherosclerosis. <i>Journal of Molecular Medicine</i> , 2014 , 92, 473-85	5.5	48
188	Cyclic ADP-ribose contributes to contraction and Ca ²⁺ release by M1 muscarinic receptor activation in coronary arterial smooth muscle. <i>Journal of Vascular Research</i> , 2003 , 40, 28-36	1.9	46
187	Effect of ceramide on KCa channel activity and vascular tone in coronary arteries. <i>Hypertension</i> , 1999 , 33, 1441-6	8.5	46
186	Visfatin-induced lipid raft redox signaling platforms and dysfunction in glomerular endothelial cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2010 , 1801, 1294-304	5	45
185	Effect of selective inhibition of soluble guanylyl cyclase on the K(Ca) channel activity in coronary artery smooth muscle. <i>Hypertension</i> , 1998 , 31, 303-8	8.5	45
184	Silencing of hypoxia-inducible factor-1 β gene attenuates chronic ischemic renal injury in two-kidney, one-clip rats. <i>American Journal of Physiology - Renal Physiology</i> , 2014 , 306, F1236-42	4.3	44
183	Reconstitution of lysosomal NAADP-TRP-ML1 signaling pathway and its function in TRP-ML1(-/-) cells. <i>American Journal of Physiology - Cell Physiology</i> , 2011 , 301, C421-30	5.4	42
182	Defective autophagosome trafficking contributes to impaired autophagic flux in coronary arterial myocytes lacking CD38 gene. <i>Cardiovascular Research</i> , 2014 , 102, 68-78	9.9	41
181	NMDA receptor-mediated activation of NADPH oxidase and glomerulosclerosis in hyperhomocysteinemic rats. <i>Antioxidants and Redox Signaling</i> , 2010 , 13, 975-86	8.4	40
180	Protection of podocytes from hyperhomocysteinemia-induced injury by deletion of the gp91phox gene. <i>Free Radical Biology and Medicine</i> , 2010 , 48, 1109-17	7.8	40
179	Acid sphingomyelinase gene deficiency ameliorates the hyperhomocysteinemia-induced glomerular injury in mice. <i>American Journal of Pathology</i> , 2011 , 179, 2210-9	5.8	39
178	Activation of membrane NADPH oxidase associated with lysosome-targeted acid sphingomyelinase in coronary endothelial cells. <i>Antioxidants and Redox Signaling</i> , 2010 , 12, 703-12	8.4	39
177	Enhanced epithelial-to-mesenchymal transition associated with lysosome dysfunction in podocytes: role of p62/Sequestosome 1 as a signaling hub. <i>Cellular Physiology and Biochemistry</i> , 2015 , 35, 1773-86	3.9	38
176	Lysosome fusion to the cell membrane is mediated by the dysferlin C2A domain in coronary arterial endothelial cells. <i>Journal of Cell Science</i> , 2012 , 125, 1225-34	5.3	36

175	Role of ADP-ribose in 11,12-EET-induced activation of K(Ca) channels in coronary arterial smooth muscle cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002 , 282, H1229-36	5.2	36
174	Lysosome-dependent Ca(2+) release response to Fas activation in coronary arterial myocytes through NAADP: evidence from CD38 gene knockouts. <i>American Journal of Physiology - Cell Physiology</i> , 2010 , 298, C1209-16	5.4	35
173	NLRP3 inflammasome as a novel target for docosahexaenoic acid metabolites to abrogate glomerular injury. <i>Journal of Lipid Research</i> , 2017 , 58, 1080-1090	6.3	34
172	TRAIL death receptor 4 signaling via lysosome fusion and membrane raft clustering in coronary arterial endothelial cells: evidence from ASM knockout mice. <i>Journal of Molecular Medicine</i> , 2013 , 91, 25-36	5.5	34
171	NAD(P)H oxidase-dependent intracellular and extracellular O ₂ ^{•-} production in coronary arterial myocytes from CD38 knockout mice. <i>Free Radical Biology and Medicine</i> , 2012 , 52, 357-65	7.8	34
170	Requirement of translocated lysosomal V1 H(+)-ATPase for activation of membrane acid sphingomyelinase and raft clustering in coronary endothelial cells. <i>Molecular Biology of the Cell</i> , 2012 , 23, 1546-57	3.5	32
169	Contribution of lysosomal vesicles to the formation of lipid raft redox signaling platforms in endothelial cells. <i>Antioxidants and Redox Signaling</i> , 2007 , 9, 1417-26	8.4	32
168	Inhibition of hyperhomocysteinemia-induced inflammasome activation and glomerular sclerosis by NLRP3 gene deletion. <i>Cellular Physiology and Biochemistry</i> , 2014 , 34, 829-41	3.9	31
167	Implication of CD38 gene in podocyte epithelial-to-mesenchymal transition and glomerular sclerosis. <i>Journal of Cellular and Molecular Medicine</i> , 2012 , 16, 1674-85	5.6	31
166	Production and actions of the anandamide metabolite prostamide E2 in the renal medulla. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012 , 342, 770-9	4.7	31
165	Endostatin uncouples NO and Ca ²⁺ response to bradykinin through enhanced O ₂ ^{•-} production in the intact coronary endothelium. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005 , 288, H686-94	5.2	31
164	Instigation of NLRP3 inflammasome activation and glomerular injury in mice on the high fat diet: role of acid sphingomyelinase gene. <i>Oncotarget</i> , 2016 , 7, 19031-44	3.3	30
163	Attenuation by statins of membrane raft-redox signaling in coronary arterial endothelium. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2013 , 345, 170-9	4.7	29
162	Formation and function of ceramide-enriched membrane platforms with CD38 during M1-receptor stimulation in bovine coronary arterial myocytes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008 , 295, H1743-52	5.2	29
161	Formation of lipid raft redox signalling platforms in glomerular endothelial cells: an early event of homocysteine-induced glomerular injury. <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 3303-14	5.6	28
160	Mechanism of homocysteine-induced Rac1/NADPH oxidase activation in mesangial cells: role of guanine nucleotide exchange factor Vav2. <i>Cellular Physiology and Biochemistry</i> , 2007 , 20, 909-18	3.9	28
159	Lipid rafts and redox signaling. <i>Antioxidants and Redox Signaling</i> , 2007 , 9, 1411-5	8.4	28
158	Inflammasome Activation in Chronic Glomerular Diseases. <i>Current Drug Targets</i> , 2017 , 18, 1019-1029	3	28

157	Triggering role of acid sphingomyelinase in endothelial lysosome-membrane fusion and dysfunction in coronary arteries. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010 , 298, H992-H1002	5.2	27
156	Activation of NLRP3 inflammasomes in mouse hepatic stellate cells during <i>Schistosoma J.</i> infection. <i>Oncotarget</i> , 2016 , 7, 39316-39331	3.3	27
155	Autophagy maturation associated with CD38-mediated regulation of lysosome function in mouse glomerular podocytes. <i>Journal of Cellular and Molecular Medicine</i> , 2013 , 17, 1598-607	5.6	26
154	Cross talk between ceramide and redox signaling: implications for endothelial dysfunction and renal disease. <i>Handbook of Experimental Pharmacology</i> , 2013 , 171-97	3.2	26
153	Contribution of Nrf2 to Atherogenic Phenotype Switching of Coronary Arterial Smooth Muscle Cells Lacking CD38 Gene. <i>Cellular Physiology and Biochemistry</i> , 2015 , 37, 432-44	3.9	24
152	Role of cyclic ADP-ribose in Ca ²⁺ -induced Ca ²⁺ release and vasoconstriction in small renal arteries. <i>Microvascular Research</i> , 2005 , 70, 65-75	3.7	24
151	Contribution of cathepsin B-dependent Nlrp3 inflammasome activation to nicotine-induced endothelial barrier dysfunction. <i>European Journal of Pharmacology</i> , 2019 , 865, 172795	5.3	24
150	Upregulation of cannabinoid receptor-1 and fibrotic activation of mouse hepatic stellate cells during <i>Schistosoma J.</i> infection: role of NADPH oxidase. <i>Free Radical Biology and Medicine</i> , 2014 , 71, 1097-1120	7.8	23
149	Regulation of autophagic flux by dynein-mediated autophagosomes trafficking in mouse coronary arterial myocytes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013 , 1833, 3228-3236	4.9	23
148	Reversal by growth hormone of homocysteine-induced epithelial-to-mesenchymal transition through membrane raft-redox signaling in podocytes. <i>Cellular Physiology and Biochemistry</i> , 2011 , 27, 691-702	3.9	23
147	Mesenchymal stem cell transplantation inhibited high salt-induced activation of the NLRP3 inflammasome in the renal medulla in Dahl S rats. <i>American Journal of Physiology - Renal Physiology</i> , 2016 , 310, F621-F627	4.3	23
146	Lysosomal regulation of extracellular vesicle excretion during d-ribose-induced NLRP3 inflammasome activation in podocytes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019 , 1866, 849-860	4.9	22
145	NLRP3 Inflammasome Formation and Activation in Nonalcoholic Steatohepatitis: Therapeutic Target for Antimetabolic Syndrome Remedy FTZ. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 2901871	6.7	22
144	Docosahexanoic acid-induced coronary arterial dilation: actions of 17S-hydroxy docosahexanoic acid on K ⁺ channel activity. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011 , 336, 891-9	4.7	22
143	Protective Role of Autophagy in Nlrp3 Inflammasome Activation and Medial Thickening of Mouse Coronary Arteries. <i>American Journal of Pathology</i> , 2018 , 188, 2948-2959	5.8	22
142	Control of lysosomal TRPML1 channel activity and exosome release by acid ceramidase in mouse podocytes. <i>American Journal of Physiology - Cell Physiology</i> , 2019 , 317, C481-C491	5.4	21
141	Sphingolipids in obesity and related complications. <i>Frontiers in Bioscience - Landmark</i> , 2017 , 22, 96-116	2.8	20
140	Acid sphingomyelinase gene knockout ameliorates hyperhomocysteinemic glomerular injury in mice lacking cystathionine-β-synthase. <i>PLoS ONE</i> , 2012 , 7, e45020	3.7	20

139	Concentration-Dependent Diversification Effects of Free Cholesterol Loading on Macrophage Viability and Polarization. <i>Cellular Physiology and Biochemistry</i> , 2015 , 37, 419-431	3.9	18
138	Lysosomal cholesterol accumulation in macrophages leading to coronary atherosclerosis in CD38(-/-) mice. <i>Journal of Cellular and Molecular Medicine</i> , 2016 , 20, 1001-13	5.6	17
137	Transplantation of mesenchymal stem cells into the renal medulla attenuated salt-sensitive hypertension in Dahl S rat. <i>Journal of Molecular Medicine</i> , 2014 , 92, 1139-45	5.5	16
136	Activation of TFEB ameliorates dedifferentiation of arterial smooth muscle cells and neointima formation in mice with high-fat diet. <i>Cell Death and Disease</i> , 2019 , 10, 676	9.8	15
135	Intracellular two-phase Ca ²⁺ release and apoptosis controlled by TRP-ML1 channel activity in coronary arterial myocytes. <i>American Journal of Physiology - Cell Physiology</i> , 2013 , 304, C458-66	5.4	15
134	Podocytopathy and Nephrotic Syndrome in Mice with Podocyte-Specific Deletion of the Asah1 Gene: Role of Ceramide Accumulation in Glomeruli. <i>American Journal of Pathology</i> , 2020 , 190, 1211-1223 ^{5.8}		14
133	Cyclic ADP-Ribose and NAADP in Vascular Regulation and Diseases. <i>Messenger (Los Angeles, Calif: Print)</i> , 2013 , 2, 63-85		14
132	Medial calcification in the arterial wall of smooth muscle cell-specific Smpd1 transgenic mice: A ceramide-mediated vasculopathy. <i>Journal of Cellular and Molecular Medicine</i> , 2020 , 24, 539-553	5.6	14
131	Protective Action of Anandamide and Its COX-2 Metabolite against l-Homocysteine-Induced NLRP3 Inflammasome Activation and Injury in Podocytes. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016 , 358, 61-70	4.7	14
130	Sphingolipids and Redox Signaling in Renal Regulation and Chronic Kidney Diseases. <i>Antioxidants and Redox Signaling</i> , 2018 , 28, 1008-1026	8.4	14
129	Abnormal Lysosomal Positioning and Small Extracellular Vesicle Secretion in Arterial Stiffening and Calcification of Mice Lacking Mucolipin 1 Gene. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	13
128	Endothelial acid ceramidase in exosome-mediated release of NLRP3 inflammasome products during hyperglycemia: Evidence from endothelium-specific deletion of Asah1 gene. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019 , 1864, 158532	5	13
127	Contribution of guanine nucleotide exchange factor Vav2 to NLRP3 inflammasome activation in mouse podocytes during hyperhomocysteinemia. <i>Free Radical Biology and Medicine</i> , 2017 , 106, 236-244	7.8	12
126	D-Ribose Induces Podocyte NLRP3 Inflammasome Activation and Glomerular Injury via AGEs/RAGE Pathway. <i>Frontiers in Cell and Developmental Biology</i> , 2019 , 7, 259	5.7	12
125	Inhibitory effects of growth differentiation factor 11 on autophagy deficiency-induced dedifferentiation of arterial smooth muscle cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019 , 316, H345-H356	5.2	12
124	Arterial Medial Calcification through Enhanced small Extracellular Vesicle Release in Smooth Muscle-Specific Asah1 Gene Knockout Mice. <i>Scientific Reports</i> , 2020 , 10, 1645	4.9	11
123	Hypoxia inducible factor-1 α mediates the profibrotic effect of albumin in renal tubular cells. <i>Scientific Reports</i> , 2017 , 7, 15878	4.9	11
122	Myocardial ischemia and reperfusion reduce the levels of cyclic ADP-ribose in rat myocardium. <i>Basic Research in Cardiology</i> , 2002 , 97, 312-9	11.8	11

121	Implication of CD38 gene in autophagic degradation of collagen I in mouse coronary arterial myocytes. <i>Frontiers in Bioscience - Landmark</i> , 2017 , 22, 558-569	2.8	10
120	Podocyte Lysosome Dysfunction in Chronic Glomerular Diseases. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	8
119	SNARE-mediated rapid lysosome fusion in membrane raft clustering and dysfunction of bovine coronary arterial endothelium. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011 , 301, H2028-37	5.2	8
118	Reversal of Endothelial Extracellular Vesicle-Induced Smooth Muscle Phenotype Transition by Hypercholesterolemia Stimulation: Role of NLRP3 Inflammasome Activation. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 597423	5.7	8
117	Inhibition of pannexin-1 channel activity by adiponectin in podocytes: Role of acid ceramidase activation. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018 , 1863, 1246-1256	5	7
116	Regulation of dynein-mediated autophagosomes trafficking by ASM in CASMCs. <i>Frontiers in Bioscience - Landmark</i> , 2016 , 21, 696-706	2.8	7
115	Tricyclic antidepressant amitriptyline inhibits autophagic flux and prevents tube formation in vascular endothelial cells. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2019 , 124, 370-384	3.1	7
114	Downregulation of microRNA-429 contributes to angiotensin II-induced profibrotic effect in rat kidney. <i>American Journal of Physiology - Renal Physiology</i> , 2018 , 315, F1536-F1541	4.3	6
113	Rac1 GTPase Inhibition Blocked Podocyte Injury and Glomerular Sclerosis during Hyperhomocysteinemia via Suppression of Nucleotide-Binding Oligomerization Domain-Like Receptor Containing Pyrin Domain 3 Inflammasome Activation. <i>Kidney and Blood Pressure Research</i> , 2019 , 44, 513-532	3.1	6
112	Stimulation of diuresis and natriuresis by renomedullary infusion of a dual inhibitor of fatty acid amide hydrolase and monoacylglycerol lipase. <i>American Journal of Physiology - Renal Physiology</i> , 2017 , 313, F1068-F1076	4.3	6
111	Podocyte NLRP3 Inflammasome Activation and Formation by Adipokine Visfatin. <i>Cellular Physiology and Biochemistry</i> , 2019 , 53, 355-365	3.9	6
110	Instant membrane resealing in nlrp3 inflammasome activation of endothelial cells. <i>Frontiers in Bioscience - Landmark</i> , 2016 , 21, 635-50	2.8	6
109	Modulation of mean arterial pressure and diuresis by renomedullary infusion of a selective inhibitor of fatty acid amide hydrolase. <i>American Journal of Physiology - Renal Physiology</i> , 2018 , 315, F967-F976	4.3	6
108	Simvastatin promotes NPC1-mediated free cholesterol efflux from lysosomes through CYP7A1/LXR signalling pathway in oxLDL-loaded macrophages. <i>Journal of Cellular and Molecular Medicine</i> , 2017 , 21, 364-374	5.6	5
107	Abnormal podocyte TRPML1 channel activity and exosome release in mice with podocyte-specific Asah1 gene deletion. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2021 , 1866, 1588-1596	5.56	5
106	Regulation of TRPML1 channel activity and inflammatory exosome release by endogenously produced reactive oxygen species in mouse podocytes. <i>Redox Biology</i> , 2021 , 43, 102013	11.3	5
105	Contribution of p62 to Phenotype Transition of Coronary Arterial Myocytes with Defective Autophagy. <i>Cellular Physiology and Biochemistry</i> , 2017 , 41, 555-568	3.9	4
104	Downregulation of Lysosomal Acid Ceramidase Mediates HMGB1-Induced Migration and Proliferation of Mouse Coronary Arterial Myocytes. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 111	5.7	4

103	Diuretic, Natriuretic, and Vasodepressor Activity of a Lipid Fraction Enhanced in Medium of Cultured Mouse Medullary Interstitial Cells by a Selective Fatty Acid Amide Hydrolase Inhibitor. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019 , 368, 187-198	4.7	4
102	Infusion of Valproic Acid Into the Renal Medulla Activates Stem Cell Population and Attenuates Salt-Sensitive Hypertension in Dahl S Rats. <i>Cellular Physiology and Biochemistry</i> , 2017 , 42, 1264-1273	3.9	3
101	Release and Actions of Inflammatory Exosomes in Pulmonary Emphysema: Potential Therapeutic Target of Acupuncture. <i>Journal of Inflammation Research</i> , 2021 , 14, 3501-3521	4.8	3
100	Contribution of transcription factor EB to adipoRon-induced inhibition of arterial smooth muscle cell proliferation and migration. <i>American Journal of Physiology - Cell Physiology</i> , 2019 , 317, C1034-C1047	5.4	2
99	Functional inhibition or genetic deletion of acid sphingomyelinase bacteriostatically inhibits <i>Anaplasma phagocytophilum</i> infection in vivo. <i>Pathogens and Disease</i> , 2021 , 79,	4.2	2
98	Role of phosphodiesterase 1 in the pathophysiology of diseases and potential therapeutic opportunities. <i>Pharmacology & Therapeutics</i> , 2021 , 226, 107858	13.9	2
97	Enhanced Arterial Medial Calcification in Mice with Smooth Muscle-Specific Deletion of Lysosomal Acid Ceramidase.. <i>FASEB Journal</i> , 2018 , 32, 699.3	0.9	1
96	Activation of Endothelial NLRP3 Inflammasomes associated with Acid Sphingomyelinase-dependent Formation of Membrane Raft Redox Signaling Platforms. <i>FASEB Journal</i> , 2015 , 29, 797.8	0.9	1
95	The Pro-atherosclerotic Mechanism of Lysosomal Free Cholesterol Accumulation in CD38 ^Δ Macrophages. <i>FASEB Journal</i> , 2013 , 27, 686.1	0.9	1
94	Thioredoxin-Interacting Protein Mediates Hcys-induced NLRP3 Inflammasome Activation in Mouse Podocytes. <i>FASEB Journal</i> , 2013 , 27, 704.7	0.9	1
93	Subendothelial Accumulation of Exosomes and Coronary Microvascular Dysfunction in Mice Lacking Acid Ceramidase. <i>FASEB Journal</i> , 2021 , 35,	0.9	1
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