Li Kang

List of Publications by Year in descending order

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34 papers	2,903 citations	331670 21 h-index	414414 32 g-index
34 all docs	34 docs citations	34 times ranked	5304 citing authors

#	Article	IF	Citations
1	The gut microbiome modulates nitroglycerin-induced migraine-related hyperalgesia in mice. Cephalalgia, 2022, 42, 490-499.	3.9	14
2	The membrane receptor CD44: novel insights into metabolism. Trends in Endocrinology and Metabolism, 2022, 33, 318-332.	7.1	54
3	Adipocyte integrin-linked kinase plays a key role in the development of diet-induced adipose insulin resistance in male mice. Molecular Metabolism, 2021, 49, 101197.	6.5	14
4	Circulating Tissue Factor-Positive Procoagulant Microparticles in Patients with Type 1 Diabetes . Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2020, Volume 12, 2819-2828.	2.4	4
5	Collagen 24 Î±1 Is Increased in Insulin-Resistant Skeletal Muscle and Adipose Tissue. International Journal of Molecular Sciences, 2020, 21, 5738.	4.1	9
6	CD44 contributes to hyaluronan-mediated insulin resistance in skeletal muscle of high-fat-fed C57BL/6 mice. American Journal of Physiology - Endocrinology and Metabolism, 2019, 317, E973-E983.	3.5	22
7	Cytochrome P450 epoxygenase-derived epoxyeicosatrienoic acids contribute to insulin sensitivity in mice and in humans. Diabetologia, 2017, 60, 1066-1075.	6.3	35
8	Adipose extracellular matrix remodelling in obesity and insulin resistance. Biochemical Pharmacology, 2016, 119, 8-16.	4.4	182
9	Integrin-Linked Kinase in Muscle Is Necessary for the Development of Insulin Resistance in Diet-Induced Obese Mice. Diabetes, 2016, 65, 1590-1600.	0.6	32
10	Mice Lacking beta2-Integrin Function Remain Glucose Tolerant in Spite of Insulin Resistance, Neutrophil Infiltration and Inflammation. PLoS ONE, 2015, 10, e0138872.	2.5	14
11	The extracellular matrix and insulin resistance. Trends in Endocrinology and Metabolism, 2015, 26, 357-366.	7.1	157
12	Integrin Î±1-null Mice Exhibit Improved Fatty Liver When Fed a High Fat Diet Despite Severe Hepatic Insulin Resistance. Journal of Biological Chemistry, 2015, 290, 6546-6557.	3.4	38
13	Enhanced Mitochondrial Superoxide Scavenging Does Not Improve Muscle Insulin Action in the High Fat-Fed Mouse. PLoS ONE, 2015, 10, e0126732.	2.5	20
14	Matrix metalloproteinase 9 opposes diet-induced muscle insulin resistance in mice. Diabetologia, 2014, 57, 603-613.	6.3	36
15	Heterozygous SOD2 Deletion Impairs Glucose-Stimulated Insulin Secretion, but Not Insulin Action, in High-Fatâ€“Fed Mice. Diabetes, 2014, 63, 3699-3710.	0.6	46
16	Incorporation of therapeutically modified bacteria into gut microbiota inhibits obesity. Journal of Clinical Investigation, 2014, 124, 3391-3406.	8.2	227
17	AMP-activated protein kinase (AMPK)Î±2 plays a role in determining the cellular fate of glucose in insulin-resistant mouse skeletal muscle. Diabetologia, 2013, 56, 608-617.	6.3	18
18	Relaxin Treatment Reverses Insulin Resistance in Mice Fed a High-Fat Diet. Diabetes, 2013, 62, 3251-3260.	0.6	52

#	Article	IF	Citations
19	Hyaluronan Accumulates With High-Fat Feeding and Contributes to Insulin Resistance. Diabetes, 2013, 62, 1888-1896.	0.6	100
20	Glucose-6-Phosphateâ€“Mediated Activation of Liver Glycogen Synthase Plays a Key Role in Hepatic Glycogen Synthesis. Diabetes, 2013, 62, 4070-4082.	0.6	78
21	Unconventional microarray design reveals the response to obesity is largely tissue specific: analysis of common and divergent responses to diet-induced obesity in insulin-sensitive tissues. Applied Physiology, Nutrition and Metabolism, 2012, 37, 257-268.	1.9	18
22	Mitochondrial antioxidative capacity regulates muscle glucose uptake in the conscious mouse: effect of exercise and diet. Journal of Applied Physiology, 2012, 113, 1173-1183.	2.5	9
23	The physiological regulation of glucose flux into musclein vivo. Journal of Experimental Biology, 2011, 214, 254-262.	1.7	128
24	Obesity impairs skeletal muscle AMPK signaling during exercise: role of AMPKÎ±2 in the regulation of exercise capacity in vivo. International Journal of Obesity, 2011, 35, 982-989.	3.4	35
25	Diet-Induced Muscle Insulin Resistance Is Associated With Extracellular Matrix Remodeling and Interaction With Integrin Î±2Î²1 in Mice. Diabetes, 2011, 60, 416-426.	0.6	132
26	Glucagon and lipid interactions in the regulation of hepatic AMPK signaling and expression of PPARÎ± and FGF21 transcripts in vivo. American Journal of Physiology - Endocrinology and Metabolism, 2010, 299, E607-E614.	3.5	90
27	Endothelial nitric oxide synthase is central to skeletal muscle metabolic regulation and enzymatic signaling during exercise in vivo. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 298, R1399-R1408.	1.8	64
28	Mitochondrial H2O2 emission and cellular redox state link excess fat intake to insulin resistance in both rodents and humans. Journal of Clinical Investigation, 2009, 119, 573-581.	8.2	1,051
29	Oxidative stress limits exerciseâ€•and insulinâ€stimulated muscle glucose uptake (MGU) in conscious, chowâ€fed C57BL/6J mice. FASEB Journal, 2009, 23, 990.32.	0.5	0
30	Methods to Investigate the Effects of Chronic Ethanol on Adipocytes. Methods in Molecular Biology, 2008, 447, 357-366.	0.9	7
31	Activation of glucagon receptor signaling stimulates regulators of hepatic fat oxidation in vivo. FASEB Journal, 2008, 22, 948.16.	0.5	0
32	Chronic Ethanol and Triglyceride Turnover in White Adipose Tissue in Rats. Journal of Biological Chemistry, 2007, 282, 28465-28473.	3.4	92
33	Chronic Ethanolâ€Induced Insulin Resistance Is Associated With Macrophage Infiltration Into Adipose Tissue and Altered Expression of Adipocytokines. Alcoholism: Clinical and Experimental Research, 2007, 31, 1581-1588.	2.4	96
34	Chronic Ethanol Feeding Suppresses Î²-Adrenergic Receptor-Stimulated Lipolysis in Adipocytes Isolated from Epididymal Fat. Endocrinology, 2006, 147, 4330-4338.	2.8	29