

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	Mitochondrial H ₂ O ₂ emission and cellular redox state link excess fat intake to insulin resistance in both rodents and humans. <i>Journal of Clinical Investigation</i> , 2009, 119, 573-581.	8.2	1,051
2	Incorporation of therapeutically modified bacteria into gut microbiota inhibits obesity. <i>Journal of Clinical Investigation</i> , 2014, 124, 3391-3406.	8.2	227
3	Adipose extracellular matrix remodelling in obesity and insulin resistance. <i>Biochemical Pharmacology</i> , 2016, 119, 8-16.	4.4	182
4	The extracellular matrix and insulin resistance. <i>Trends in Endocrinology and Metabolism</i> , 2015, 26, 357-366.	7.1	157
5	Diet-Induced Muscle Insulin Resistance Is Associated With Extracellular Matrix Remodeling and Interaction With Integrin $\alpha 2 \beta 1$ in Mice. <i>Diabetes</i> , 2011, 60, 416-426.	0.6	132
6	The physiological regulation of glucose flux into muscle <i>in vivo</i> . <i>Journal of Experimental Biology</i> , 2011, 214, 254-262.	1.7	128
7	Hyaluronan Accumulates With High-Fat Feeding and Contributes to Insulin Resistance. <i>Diabetes</i> , 2013, 62, 1888-1896.	0.6	100
8	Chronic Ethanol-Induced Insulin Resistance Is Associated With Macrophage Infiltration Into Adipose Tissue and Altered Expression of Adipocytokines. <i>Alcoholism: Clinical and Experimental Research</i> , 2007, 31, 1581-1588.	2.4	96
9	Chronic Ethanol and Triglyceride Turnover in White Adipose Tissue in Rats. <i>Journal of Biological Chemistry</i> , 2007, 282, 28465-28473.	3.4	92
10	Glucagon and lipid interactions in the regulation of hepatic AMPK signaling and expression of PPAR α and FGF21 transcripts <i>in vivo</i> . <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010, 299, E607-E614.	3.5	90
11	Glucose-6-Phosphate-Mediated Activation of Liver Glycogen Synthase Plays a Key Role in Hepatic Glycogen Synthesis. <i>Diabetes</i> , 2013, 62, 4070-4082.	0.6	78
12	Endothelial nitric oxide synthase is central to skeletal muscle metabolic regulation and enzymatic signaling during exercise <i>in vivo</i> . <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 298, R1399-R1408.	1.8	64
13	The membrane receptor CD44: novel insights into metabolism. <i>Trends in Endocrinology and Metabolism</i> , 2022, 33, 318-332.	7.1	54
14	Relaxin Treatment Reverses Insulin Resistance in Mice Fed a High-Fat Diet. <i>Diabetes</i> , 2013, 62, 3251-3260.	0.6	52
15	Heterozygous SOD2 Deletion Impairs Glucose-Stimulated Insulin Secretion, but Not Insulin Action, in High-Fat-Fed Mice. <i>Diabetes</i> , 2014, 63, 3699-3710.	0.6	46
16	Integrin $\alpha 1$ -null Mice Exhibit Improved Fatty Liver When Fed a High Fat Diet Despite Severe Hepatic Insulin Resistance. <i>Journal of Biological Chemistry</i> , 2015, 290, 6546-6557.	3.4	38
17	Matrix metalloproteinase 9 opposes diet-induced muscle insulin resistance in mice. <i>Diabetologia</i> , 2014, 57, 603-613.	6.3	36
18	Obesity impairs skeletal muscle AMPK signaling during exercise: role of AMPK $\alpha 2$ in the regulation of exercise capacity <i>in vivo</i> . <i>International Journal of Obesity</i> , 2011, 35, 982-989.	3.4	35

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19	Cytochrome P450 epoxygenase-derived epoxyeicosatrienoic acids contribute to insulin sensitivity in mice and in humans. <i>Diabetologia</i> , 2017, 60, 1066-1075.	6.3	35
20	Integrin-Linked Kinase in Muscle Is Necessary for the Development of Insulin Resistance in Diet-Induced Obese Mice. <i>Diabetes</i> , 2016, 65, 1590-1600.	0.6	32
21	Chronic Ethanol Feeding Suppresses β^2 -Adrenergic Receptor-Stimulated Lipolysis in Adipocytes Isolated from Epididymal Fat. <i>Endocrinology</i> , 2006, 147, 4330-4338.	2.8	29
22	CD44 contributes to hyaluronan-mediated insulin resistance in skeletal muscle of high-fat-fed C57BL/6 mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 317, E973-E983.	3.5	22
23	Enhanced Mitochondrial Superoxide Scavenging Does Not Improve Muscle Insulin Action in the High Fat-Fed Mouse. <i>PLoS ONE</i> , 2015, 10, e0126732.	2.5	20
24	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. <i>Applied Physiology, Nutrition and Metabolism</i> , 2012, 37, 257-268.	1.9	18
25	AMP-activated protein kinase (AMPK) β^2 plays a role in determining the cellular fate of glucose in insulin-resistant mouse skeletal muscle. <i>Diabetologia</i> , 2013, 56, 608-617.	6.3	18
26	Mice Lacking beta2-Integrin Function Remain Glucose Tolerant in Spite of Insulin Resistance, Neutrophil Infiltration and Inflammation. <i>PLoS ONE</i> , 2015, 10, e0138872.	2.5	14
27	Adipocyte integrin-linked kinase plays a key role in the development of diet-induced adipose insulin resistance in male mice. <i>Molecular Metabolism</i> , 2021, 49, 101197.	6.5	14
28	The gut microbiome modulates nitroglycerin-induced migraine-related hyperalgesia in mice. <i>Cephalalgia</i> , 2022, 42, 490-499.	3.9	14
29	Mitochondrial antioxidative capacity regulates muscle glucose uptake in the conscious mouse: effect of exercise and diet. <i>Journal of Applied Physiology</i> , 2012, 113, 1173-1183.	2.5	9
30	Collagen 24 β^1 Is Increased in Insulin-Resistant Skeletal Muscle and Adipose Tissue. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5738.	4.1	9
31	Methods to Investigate the Effects of Chronic Ethanol on Adipocytes. <i>Methods in Molecular Biology</i> , 2008, 447, 357-366.	0.9	7
32	Circulating Tissue Factor-Positive Procoagulant Microparticles in Patients with Type 1 Diabetes. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020, Volume 12, 2819-2828.	2.4	4
33	Activation of glucagon receptor signaling stimulates regulators of hepatic fat oxidation in vivo. <i>FASEB Journal</i> , 2008, 22, 948.16.	0.5	0
34	Oxidative stress limits exercise- and insulin-stimulated muscle glucose uptake (MGU) in conscious, chow-fed C57BL/6j mice. <i>FASEB Journal</i> , 2009, 23, 990.32.	0.5	0