

Yun Sok Lee

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

48
papers

4,944
citations

31
h-index

50
g-index

50
ext. papers

5,747
ext. citations

10.7
avg, IF

5.38
L-index

#	Paper	IF	Citations
48	Berberine, a natural plant product, activates AMP-activated protein kinase with beneficial metabolic effects in diabetic and insulin-resistant states. <i>Diabetes</i> , 2006 , 55, 2256-64	0.9	804
47	Inflammation is necessary for long-term but not short-term high-fat diet-induced insulin resistance. <i>Diabetes</i> , 2011 , 60, 2474-83	0.9	374
46	miR-27a is a negative regulator of adipocyte differentiation via suppressing PPARgamma expression. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 392, 323-8	3.4	331
45	Increased adipocyte O ₂ consumption triggers HIF-1 α causing inflammation and insulin resistance in obesity. <i>Cell</i> , 2014 , 157, 1339-1352	56.2	304
44	Activated liver X receptors stimulate adipocyte differentiation through induction of peroxisome proliferator-activated receptor gamma expression. <i>Molecular and Cellular Biology</i> , 2004 , 24, 3430-44	4.8	208
43	An Integrated View of Immunometabolism. <i>Cell</i> , 2018 , 172, 22-40	56.2	203
42	Adiponectin represses colon cancer cell proliferation via AdipoR1- and -R2-mediated AMPK activation. <i>Molecular Endocrinology</i> , 2010 , 24, 1441-52		185
41	Berberine improves lipid dysregulation in obesity by controlling central and peripheral AMPK activity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009 , 296, E812-9	6	170
40	Histone deacetylase 1-mediated histone modification regulates osteoblast differentiation. <i>Molecular Endocrinology</i> , 2006 , 20, 2432-43		168
39	Overexpression of glucose-6-phosphate dehydrogenase is associated with lipid dysregulation and insulin resistance in obesity. <i>Molecular and Cellular Biology</i> , 2005 , 25, 5146-57	4.8	155
38	Lipid-overloaded enlarged adipocytes provoke insulin resistance independent of inflammation. <i>Molecular and Cellular Biology</i> , 2015 , 35, 1686-99	4.8	138
37	Dysregulation of adipose glutathione peroxidase 3 in obesity contributes to local and systemic oxidative stress. <i>Molecular Endocrinology</i> , 2008 , 22, 2176-89		133
36	Lipoxin A4 Attenuates Obesity-Induced Adipose Inflammation and Associated Liver and Kidney Disease. <i>Cell Metabolism</i> , 2015 , 22, 125-37	24.6	130
35	GPR43 Potentiates β Cell Function in Obesity. <i>Diabetes</i> , 2015 , 64, 3203-17	0.9	121
34	Glutathione peroxidase 3 mediates the antioxidant effect of peroxisome proliferator-activated receptor gamma in human skeletal muscle cells. <i>Molecular and Cellular Biology</i> , 2009 , 29, 20-30	4.8	116
33	Pro-inflammatory macrophages increase in skeletal muscle of high fat-fed mice and correlate with metabolic risk markers in humans. <i>Obesity</i> , 2014 , 22, 747-57	8	113
32	Regulation of adipocyte differentiation and insulin action with rapamycin. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 321, 942-8	3.4	113

31	Adipocyte determination- and differentiation-dependent factor 1/sterol regulatory element-binding protein 1c regulates mouse adiponectin expression. <i>Journal of Biological Chemistry</i> , 2004 , 279, 22108-17	5.4	108
30	Expansion of Islet-Resident Macrophages Leads to Inflammation Affecting β Cell Proliferation and Function in Obesity. <i>Cell Metabolism</i> , 2019 , 29, 457-474.e5	24.6	104
29	The fractalkine/CX3CR1 system regulates β cell function and insulin secretion. <i>Cell</i> , 2013 , 153, 413-25	56.2	101
28	A novel function of adipocytes in lipid antigen presentation to iNKT cells. <i>Molecular and Cellular Biology</i> , 2013 , 33, 328-39	4.8	90
27	Crystal structure of visfatin/pre-B cell colony-enhancing factor 1/nicotinamide phosphoribosyltransferase, free and in complex with the anti-cancer agent FK-866. <i>Journal of Molecular Biology</i> , 2006 , 362, 66-77	6.5	87
26	The role of macrophages in obesity-associated islet inflammation and β cell abnormalities. <i>Nature Reviews Endocrinology</i> , 2020 , 16, 81-90	15.2	85
25	Adipocytokine orosomuroid integrates inflammatory and metabolic signals to preserve energy homeostasis by resolving immoderate inflammation. <i>Journal of Biological Chemistry</i> , 2010 , 285, 22174-85	5.4	84
24	Adipose tissue B2 cells promote insulin resistance through leukotriene LTB4/LTB4R1 signaling. <i>Journal of Clinical Investigation</i> , 2017 , 127, 1019-1030	15.9	73
23	Loss of fibroblast HIF-1 β accelerates tumorigenesis. <i>Cancer Research</i> , 2012 , 72, 3187-95	10.1	49
22	Omega-3 fatty acids reduce obesity-induced tumor progression independent of GPR120 in a mouse model of postmenopausal breast cancer. <i>Oncogene</i> , 2015 , 34, 3504-13	9.2	48
21	Quantitative proteomic and functional analysis of liver mitochondria from high fat diet (HFD) diabetic mice. <i>Molecular and Cellular Proteomics</i> , 2013 , 12, 3744-58	7.6	48
20	Twist2, a novel ADD1/SREBP1c interacting protein, represses the transcriptional activity of ADD1/SREBP1c. <i>Nucleic Acids Research</i> , 2003 , 31, 7165-74	20.1	48
19	Knockdown of Reduces Adipocyte Hypoxia And Improves Insulin Resistance in Obesity. <i>Nature Metabolism</i> , 2019 , 1, 86-97	14.6	38
18	Chromatin remodeling complex interacts with ADD1/SREBP1c to mediate insulin-dependent regulation of gene expression. <i>Molecular and Cellular Biology</i> , 2007 , 27, 438-52	4.8	32
17	TAZ Is a Negative Regulator of PPAR α Activity in Adipocytes and TAZ Deletion Improves Insulin Sensitivity and Glucose Tolerance. <i>Cell Metabolism</i> , 2020 , 31, 162-173.e5	24.6	30
16	Chronic tissue inflammation and metabolic disease. <i>Genes and Development</i> , 2021 , 35, 307-328	12.6	28
15	Orosomuroid serum concentrations and fat depot-specific mRNA and protein expression in humans. <i>Molecules and Cells</i> , 2012 , 33, 35-41	3.5	27
14	Adipose tissue-specific dysregulation of angiotensinogen by oxidative stress in obesity. <i>Metabolism: Clinical and Experimental</i> , 2010 , 59, 1241-51	12.7	25

13	Chronic fractalkine administration improves glucose tolerance and pancreatic endocrine function. <i>Journal of Clinical Investigation</i> , 2018 , 128, 1458-1470	15.9	21
12	Microbiota-Produced α -Formyl Peptide fMLF Promotes Obesity-Induced Glucose Intolerance. <i>Diabetes</i> , 2019 , 68, 1415-1426	0.9	17
11	CX3CL1-Fc treatment prevents atherosclerosis in Ldlr KO mice. <i>Molecular Metabolism</i> , 2019 , 20, 89-101	8.8	13
10	Hepatocyte-specific HIF-1 α ablation improves obesity-induced glucose intolerance by reducing first-pass GLP-1 degradation. <i>Science Advances</i> , 2019 , 5, eaaw4176	14.3	12
9	Inhibition of prolyl hydroxylases increases hepatic insulin and decreases glucagon sensitivity by an HIF-2 α -dependent mechanism. <i>Molecular Metabolism</i> , 2020 , 41, 101039	8.8	4
8	Adipocyte PU.1 knockout promotes insulin sensitivity in HFD-fed obese mice. <i>Scientific Reports</i> , 2019 , 9, 14779	4.9	4
7	HuR/Cx40 downregulation causes coronary microvascular dysfunction in type 2 diabetes. <i>JCI Insight</i> , 2021 , 6,	9.9	2
6	Identification of Ku70/Ku80 as ADD1/SREBP1c interacting proteins. <i>Korean Journal of Biological Sciences</i> , 2004 , 8, 49-55		0
5	Adiponectin Repressed Proliferation of Colon Cancer Cells via AMPK Activation. <i>FASEB Journal</i> , 2008 , 22, 794.6	0.9	
4	Chronic Fractalkine Administration Improves Glucose Tolerance with Improved Pancreatic Hormonal Profile in Obese Mice. <i>FASEB Journal</i> , 2018 , 32, 603.13	0.9	
3	Chronic Fractalkine Administration Exerts Durable Effects to Improve Glucose Tolerance with Specific Effects to Pancreatic Endocrine Function. <i>Diabetes</i> , 2018 , 67, 1973-P	0.9	
2	A Novel Pathway for Regulation of Insulin Secretion by Fractalkine and CX3CR1 System (LB772). <i>FASEB Journal</i> , 2014 , 28, LB772	0.9	
1	Adipokine Orosomucoid Restores Adipose Tissue Inflammation and Energy Homeostasis in Obesity. <i>FASEB Journal</i> , 2010 , 24, lb122	0.9	