Jongsoon Lee

List of Publications by Year in Descending Order

34 papers	12,596 citations	25 h-index	36 g-index
36 ext. papers	13,864 ext. citations	12.9 avg, IF	6.21 L-index

#	Paper	IF	Citations
34	Role of obesity-induced inflammation in the development of insulin resistance and type 2 diabetes: history of the research and remaining questions. *Annals of Pediatric Endocrinology and Metabolism*, **2021**, 26, 1-13	2.9	6
33	Pyruvate Dehydrogenase Kinase Is a Metabolic Checkpoint for Polarization of Macrophages to the M1 Phenotype. *Frontiers in Immunology*, **2019**, 10, 944	8.4	30
32	Macrophage Lamin A/C Regulates Inflammation and the Development of Obesity-Induced Insulin Resistance. *Frontiers in Immunology*, **2018**, 9, 696	8.4	19
31	The Challenge of Obesity Treatment: A Review of Approved Drugs and New Therapeutic Targets. *Journal of Epidemiology and Public Health Reviews*, **2018**, 04,	1	3
30	Unusual Suspects in the Development of Obesity-Induced Inflammation and Insulin Resistance: NK cells, iNKT cells, and ILCs. *Diabetes and Metabolism Journal*, **2017**, 41, 229-250	5	24
29	Adipose Natural Killer Cells Regulate Adipose Tissue Macrophages to Promote Insulin Resistance in Obesity. *Cell Metabolism*, **2016**, 23, 685-98	24.6	180
28	Insulin receptor activation with transmembrane domain ligands. *Journal of Biological Chemistry*, **2014**, 289, 19769-77	5.4	38
27	Cellular and molecular players in adipose tissue inflammation in the development of obesity-induced insulin resistance. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2014**, 1842, 446-62	6.9	405
26	Adipose tissue macrophages in the development of obesity-induced inflammation, insulin resistance and type 2 diabetes. *Archives of Pharmacal Research*, **2013**, 36, 208-22	6.1	102
25	Profilin-1 haploinsufficiency protects against obesity-associated glucose intolerance and preserves adipose tissue immune homeostasis. *Diabetes*, **2013**, 62, 3718-26	0.9	19
24	Regulation of diet-induced adipose tissue and systemic inflammation by salicylates and pioglitazone. *PLoS ONE*, **2013**, 8, e82847	3.7	18
23	PPAR-□s a major driver of the accumulation and phenotype of adipose tissue Treg cells. *Nature*, **2012**, 486, 549-53	50.4	762
22	Metabolic syndrome, insulin resistance, and roles of inflammation--mechanisms and therapeutic targets. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2012**, 32, 1771-6	9.4	273
21	Retinal not systemic oxidative and inflammatory stress correlated with VEGF expression in rodent models of insulin resistance and diabetes **2012**, 53, 8424-32		33
20	Inflammation and adipose tissue macrophages in lipodystrophic mice. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 240-5	11.5	120
19	Lean, but not obese, fat is enriched for a unique population of regulatory T cells that affect metabolic parameters. *Nature Medicine*, **2009**, 15, 930-9	50.5	1479
18	Use of salsalate to target inflammation in the treatment of insulin resistance and type 2 diabetes. *Clinical and Translational Science*, **2008**, 1, 36-43	4.9	220

17	The role of GSK3 in glucose homeostasis and the development of insulin resistance. *Diabetes Research and Clinical Practice*, **2007**, 77 Suppl 1, S49-57	7.4	151
16	Inflammation and insulin resistance. *Journal of Clinical Investigation*, **2006**, 116, 1793-801	15.9	2762
15	Local and systemic insulin resistance resulting from hepatic activation of IKK-beta and NF-kappaB. *Nature Medicine*, **2005**, 11, 183-90	50.5	1729
14	Kinase activation through dimerization by human SH2-B. *Molecular and Cellular Biology*, **2005**, 25, 2607-21	4.8	49
13	Insulin Receptor Family **2004**, 436-440		2
12	Insulin resistance due to phosphorylation of insulin receptor substrate-1 at serine 302. *Journal of Biological Chemistry*, **2004**, 279, 35298-305	5.4	176
11	IKKbeta/NF-kappaB activation causes severe muscle wasting in mice. *Cell*, **2004**, 119, 285-98	56.2	1017
10	Two new substrates in insulin signaling, IRS5/DOK4 and IRS6/DOK5. *Journal of Biological Chemistry*, **2003**, 278, 25323-30	5.4	133
9	Reversal of obesity- and diet-induced insulin resistance with salicylates or targeted disruption of Ikkbeta. *Science*, **2001**, 293, 1673-7	33.3	1565
8	Prevention of fat-induced insulin resistance by salicylate. *Journal of Clinical Investigation*, **2001**, 108, 437-46	15.9	519
7	Insulin activation of mitogen-activated protein (MAP) kinase and Akt is phosphatidylinositol 3-kinase-dependent in rat adipocytes. *Biochemical and Biophysical Research Communications*, **2000**, 274, 845-51	3.4	15
6	Structural studies of the detergent-solubilized and vesicle-reconstituted insulin receptor. *Journal of Biological Chemistry*, **1999**, 274, 34981-92	5.4	25
5	Tumor necrosis factor-alpha-induced insulin resistance in 3T3-L1 adipocytes is accompanied by a loss of insulin receptor substrate-1 and GLUT4 expression without a loss of insulin receptor-mediated signal transduction. *Journal of Biological Chemistry*, **1997**, 272, 971-6	5.4	377
4	Conformational changes of the insulin receptor upon insulin binding and activation as monitored by fluorescence spectroscopy. *Biochemistry*, **1997**, 36, 2701-8	3.2	48
3	Dynamics of signaling during insulin-stimulated endocytosis of its receptor in adipocytes. *Journal of Biological Chemistry*, **1995**, 270, 59-65	5.4	105
2	PTB domains of IRS-1 and Shc have distinct but overlapping binding specificities. *Journal of Biological Chemistry*, **1995**, 270, 27407-10	5.4	184
1	Intermolecular phosphorylation between insulin holoreceptors does not stimulate substrate kinase activity. *Journal of Biological Chemistry*, **1995**, 270, 31136-40	5.4	5