

# Jongsoon 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.

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	Inflammation and insulin resistance. <i>Journal of Clinical Investigation</i> , <b>2006</b> , 116, 1793-801	15.9	2762
33	Local and systemic insulin resistance resulting from hepatic activation of IKK-beta and NF-kappaB. <i>Nature Medicine</i> , <b>2005</b> , 11, 183-90	50.5	1729
32	Reversal of obesity- and diet-induced insulin resistance with salicylates or targeted disruption of Ikkbeta. <i>Science</i> , <b>2001</b> , 293, 1673-7	33.3	1565
31	Lean, but not obese, fat is enriched for a unique population of regulatory T cells that affect metabolic parameters. <i>Nature Medicine</i> , <b>2009</b> , 15, 930-9	50.5	1479
30	IKKbeta/NF-kappaB activation causes severe muscle wasting in mice. <i>Cell</i> , <b>2004</b> , 119, 285-98	56.2	1017
29	PPAR- $\gamma$ is a major driver of the accumulation and phenotype of adipose tissue Treg cells. <i>Nature</i> , <b>2012</b> , 486, 549-53	50.4	762
28	Prevention of fat-induced insulin resistance by salicylate. <i>Journal of Clinical Investigation</i> , <b>2001</b> , 108, 437-46	45.9	519
27	Cellular and molecular players in adipose tissue inflammation in the development of obesity-induced insulin resistance. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2014</b> , 1842, 446-62	6.9	405
26	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. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 971-6	5.4	377
25	Metabolic syndrome, insulin resistance, and roles of inflammation--mechanisms and therapeutic targets. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2012</b> , 32, 1771-6	9.4	273
24	Use of salsalate to target inflammation in the treatment of insulin resistance and type 2 diabetes. <i>Clinical and Translational Science</i> , <b>2008</b> , 1, 36-43	4.9	220
23	PTB domains of IRS-1 and Shc have distinct but overlapping binding specificities. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 27407-10	5.4	184
22	Adipose Natural Killer Cells Regulate Adipose Tissue Macrophages to Promote Insulin Resistance in Obesity. <i>Cell Metabolism</i> , <b>2016</b> , 23, 685-98	24.6	180
21	Insulin resistance due to phosphorylation of insulin receptor substrate-1 at serine 302. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 35298-305	5.4	176
20	The role of GSK3 in glucose homeostasis and the development of insulin resistance. <i>Diabetes Research and Clinical Practice</i> , <b>2007</b> , 77 Suppl 1, S49-57	7.4	151
19	Two new substrates in insulin signaling, IRS5/DOK4 and IRS6/DOK5. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 25323-30	5.4	133
18	Inflammation and adipose tissue macrophages in lipodystrophic mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 240-5	11.5	120

17	Dynamics of signaling during insulin-stimulated endocytosis of its receptor in adipocytes. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 59-65	5.4	105
16	Adipose tissue macrophages in the development of obesity-induced inflammation, insulin resistance and type 2 diabetes. <i>Archives of Pharmacal Research</i> , <b>2013</b> , 36, 208-22	6.1	102
15	Kinase activation through dimerization by human SH2-B. <i>Molecular and Cellular Biology</i> , <b>2005</b> , 25, 2607-24.8	4.8	49
14	Conformational changes of the insulin receptor upon insulin binding and activation as monitored by fluorescence spectroscopy. <i>Biochemistry</i> , <b>1997</b> , 36, 2701-8	3.2	48
13	Insulin receptor activation with transmembrane domain ligands. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 19769-77	5.4	38
12	Retinal not systemic oxidative and inflammatory stress correlated with VEGF expression in rodent models of insulin resistance and diabetes <b>2012</b> , 53, 8424-32		33
11	Pyruvate Dehydrogenase Kinase Is a Metabolic Checkpoint for Polarization of Macrophages to the M1 Phenotype. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 944	8.4	30
10	Structural studies of the detergent-solubilized and vesicle-reconstituted insulin receptor. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 34981-92	5.4	25
9	Unusual Suspects in the Development of Obesity-Induced Inflammation and Insulin Resistance: NK cells, iNKT cells, and ILCs. <i>Diabetes and Metabolism Journal</i> , <b>2017</b> , 41, 229-250	5	24
8	Macrophage Lamin A/C Regulates Inflammation and the Development of Obesity-Induced Insulin Resistance. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 696	8.4	19
7	Profilin-1 haploinsufficiency protects against obesity-associated glucose intolerance and preserves adipose tissue immune homeostasis. <i>Diabetes</i> , <b>2013</b> , 62, 3718-26	0.9	19
6	Regulation of diet-induced adipose tissue and systemic inflammation by salicylates and pioglitazone. <i>PLoS ONE</i> , <b>2013</b> , 8, e82847	3.7	18
5	Insulin activation of mitogen-activated protein (MAP) kinase and Akt is phosphatidylinositol 3-kinase-dependent in rat adipocytes. <i>Biochemical and Biophysical Research Communications</i> , <b>2000</b> , 274, 845-51	3.4	15
4	Role of obesity-induced inflammation in the development of insulin resistance and type 2 diabetes: history of the research and remaining questions. <i>Annals of Pediatric Endocrinology and Metabolism</i> , <b>2021</b> , 26, 1-13	2.9	6
3	Intermolecular phosphorylation between insulin holoreceptors does not stimulate substrate kinase activity. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 31136-40	5.4	5
2	The Challenge of Obesity Treatment: A Review of Approved Drugs and New Therapeutic Targets. <i>Journal of Epidemiology and Public Health Reviews</i> , <b>2018</b> , 04,	1	3
1	Insulin Receptor Family <b>2004</b> , 436-440		2