Mi-Jeong Lee

List of Publications by Year
in descending order

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62 papers	6,207 citations	94269 37 h-index	133063 59 g-index
64 all docs	64 docs citations	64 times ranked	9775 citing authors

#	Article	IF	Citations
1	Identification of omentin as a novel depot-specific adipokine in human adipose tissue: possible role in modulating insulin action. American Journal of Physiology - Endocrinology and Metabolism, 2006, 290, E1253-E1261.	1.8	709
2	Omentin Plasma Levels and Gene Expression Are Decreased in Obesity. Diabetes, 2007, 56, 1655-1661.	0.3	646
3	Adipose tissue heterogeneity: Implication of depot differences in adipose tissue for obesity complications. Molecular Aspects of Medicine, 2013, 34, 1-11.	2.7	590
4	miR-130 Suppresses Adipogenesis by Inhibiting Peroxisome Proliferator-Activated Receptor Î³ Expression. Molecular and Cellular Biology, 2011, 31, 626-638.	1.1	329
5	Acute-Phase Serum Amyloid A: An Inflammatory Adipokine and Potential Link between Obesity and Its Metabolic Complications. PLoS Medicine, 2006, 3, e287.	3.9	295
6	Deconstructing the roles of glucocorticoids in adipose tissue biology and the development of central obesity. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 473-481.	1.8	265
7	Dietary L-Arginine Supplementation Reduces White Fat Gain and Enhances Skeletal Muscle and Brown Fat Masses in Diet-Induced Obese Rats. Journal of Nutrition, 2009, 139, 230-237.	1.3	241
8	Retinol Binding Protein 4 Expression in Humans: Relationship to Insulin Resistance, Inflammation, and Response to Pioglitazone. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 2590-2597.	1.8	200
9	Human Visfatin Expression: Relationship to Insulin Sensitivity, Intramyocellular Lipids, and Inflammation. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 666-672.	1.8	179
10	Adipose tissue remodeling in pathophysiology of obesity. Current Opinion in Clinical Nutrition and Metabolic Care, 2010, 13, 371-376.	1.3	164
11	Thrombospondin-1 Is an Adipokine Associated With Obesity, Adipose Inflammation, and Insulin Resistance. Diabetes, 2008, 57, 432-439.	0.3	159
12	Distinct Developmental Signatures of Human Abdominal and Gluteal Subcutaneous Adipose Tissue Depots. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 362-371.	1.8	145
13	Insulin Inhibits Lipolysis in Adipocytes via the Evolutionarily Conserved mTORC1-Egr1-ATGL-Mediated Pathway. Molecular and Cellular Biology, 2013, 33, 3659-3666.	1.1	130
14	Integration of hormonal and nutrient signals that regulate leptin synthesis and secretion. American Journal of Physiology - Endocrinology and Metabolism, 2009, 296, E1230-E1238.	1.8	112
15	Perilipin Expression in Human Adipose Tissues: Effects of Severe Obesity, Gender, and Depot. Obesity, 2003, 11, 930-936.	4.0	110
16	Shaping fat distribution: New insights into the molecular determinants of depot- and sex-dependent adipose biology. Obesity, 2015, 23, 1345-1352.	1.5	110
17	FSP27 and PLIN1 interaction promotes the formation of large lipid droplets in human adipocytes. Biochemical and Biophysical Research Communications, 2013, 432, 296-301.	1.0	107
18	25-Hydroxyvitamin D3 and 1,25-Dihydroxyvitamin D3 Promote the Differentiation of Human Subcutaneous Preadipocytes. PLoS ONE, 2012, 7, e52171.	1.1	106

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19	Fat-specific Protein 27 (FSP27) Interacts with Adipose Triglyceride Lipase (ATGL) to Regulate Lipolysis and Insulin Sensitivity in Human Adipocytes. Journal of Biological Chemistry, 2014, 289, 12029-12039.	1.6	100
20	Transforming growth factor beta superfamily regulation of adipose tissue biology in obesity. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 1160-1171.	1.8	85
21	A role for long-chain acyl-CoA synthetase-4 (ACSL4) in diet-induced phospholipid remodeling and obesity-associated adipocyte dysfunction. Molecular Metabolism, 2018, 9, 43-56.	3.0	84
22	Culture of Isolated Human Adipocytes and Isolated Adipose Tissue. Methods in Molecular Biology, 2012, 806, 203-214.	0.4	79
23	Pathways regulated by glucocorticoids in omental and subcutaneous human adipose tissues: a microarray study. American Journal of Physiology - Endocrinology and Metabolism, 2011, 300, E571-E580.	1.8	75
24	The glucocorticoid receptor, not the mineralocorticoid receptor, plays the dominant role in adipogenesis and adipokine production in human adipocytes. International Journal of Obesity, 2014, 38, 1228-1233.	1.6	75
25	Optimal Protocol for the Differentiation and Metabolic Analysis of Human Adipose Stromal Cells. Methods in Enzymology, 2014, 538, 49-65.	0.4	74
26	Acute and chronic regulation of leptin synthesis, storage, and secretion by insulin and dexamethasone in human adipose tissue. American Journal of Physiology - Endocrinology and Metabolism, 2007, 292, E858-E864.	1.8	72
27	Depotâ€specific Regulation of the Conversion of Cortisone to Cortisol in Human Adipose Tissue. Obesity, 2008, 16, 1178-1185.	1.5	62
28	Multilevel regulation of leptin storage, turnover, and secretion by feeding and insulin in rat adipose tissue. Journal of Lipid Research, 2006, 47, 1984-1993.	2.0	60
29	A Modified Protocol to Maximize Differentiation of Human Preadipocytes and Improve Metabolic Phenotypes. Obesity, 2012, 20, 2334-2340.	1.5	58
30	Pleiotropic Effects of Cavin-1 Deficiency on Lipid Metabolism. Journal of Biological Chemistry, 2014, 289, 8473-8483.	1.6	55
31	Tumor Necrosis Factor Î± and Glucocorticoid Synergistically Increase Leptin Production in Human Adipose Tissue: Role for p38 Mitogen-Activated Protein Kinase. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 1484-1490.	1.8	54
32	High-fat diet-induced obesity regulates MMP3 to modulate depot- and sex-dependent adipose expansion in C57BL/6J mice. American Journal of Physiology - Endocrinology and Metabolism, 2017, 312, E58-E71.	1.8	54
33	CIDEA Transcriptionally Regulates UCP1 for Britening and Thermogenesis in Human Fat Cells. IScience, 2019, 20, 73-89.	1.9	53
34	Fat-specific Protein 27 Inhibits Lipolysis by Facilitating the Inhibitory Effect of Transcription Factor Egr1 on Transcription of Adipose Triglyceride Lipase. Journal of Biological Chemistry, 2014, 289, 14481-14487.	1.6	47
35	A MicroRNA Linking Human Positive Selection and Metabolic Disorders. Cell, 2020, 183, 684-701.e14.	13.5	46
36	LDL Receptor-Related Protein-1 (LRP1) Regulates Cholesterol Accumulation in Macrophages. PLoS ONE, 2015, 10, e0128903.	1.1	46

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37	Systemic insulin sensitivity is regulated by GPS2 inhibition of AKT ubiquitination and activation in adipose tissue. Molecular Metabolism, 2017, 6, 125-137.	3.0	44
38	Isoproterenol decreases leptin release from rat and human adipose tissue through posttranscriptional mechanisms. American Journal of Physiology - Endocrinology and Metabolism, 2005, 288, E798-E804.	1.8	38
39	Glucocorticoids antagonize tumor necrosis factor-Î±-stimulated lipolysis and resistance to the antilipolytic effect of insulin in human adipocytes. American Journal of Physiology - Endocrinology and Metabolism, 2012, 303, E1126-E1133.	1.8	38
40	Feeding and Insulin Increase Leptin Translation. Journal of Biological Chemistry, 2007, 282, 72-80.	1.6	37
41	Sex-dependent Depot Differences in Adipose Tissue Development and Function; Role of Sex Steroids. Journal of Obesity and Metabolic Syndrome, 2017, 26, 172-180.	1.5	36
42	Vitamin D regulation of adipogenesis and adipose tissue functions. Nutrition Research and Practice, 2020, 14, 553.	0.7	33
43	Hormonal Regulation of Adipogenesis. , 2017, 7, 1151-1195.		22
44	Rosiglitazone remodels the lipid droplet and britens human visceral and subcutaneous adipocytes ex vivo. Journal of Lipid Research, 2019, 60, 856-868.	2.0	22
45	Prolonged efficiency of siRNAâ€mediated gene silencing in primary cultures of human preadipocytes and adipocytes. Obesity, 2014, 22, 1064-1069.	1.5	17
46	Impaired Glucocorticoid Suppression of TGFÎ² Signaling in Human Omental Adipose Tissues Limits Adipogenesis and May Promote Fibrosis. Diabetes, 2019, 68, 587-597.	0.3	17
47	Depot Dependent Effects of Dexamethasone on Gene Expression in Human Omental and Abdominal Subcutaneous Adipose Tissues from Obese Women. PLoS ONE, 2016, 11, e0167337.	1.1	17
48	Growth hormone receptor expression in human gluteal versus abdominal subcutaneous adipose tissue: Association with body shape. Obesity, 2016, 24, 1090-1096.	1.5	14
49	Low expression of the GILZ may contribute to adipose inflammation and altered adipokine production in human obesity. Journal of Lipid Research, 2016, 57, 1256-1263.	2.0	14
50	The Effects of a Single Developmentally Entrained Pulse of Testosterone in Female Neonatal Mice on Reproductive and Metabolic Functions in Adult Life. Endocrinology, 2015, 156, 3737-3746.	1.4	13
51	Aortic carboxypeptidase-like protein enhances adipose tissue stromal progenitor differentiation into myofibroblasts and is upregulated in fibrotic white adipose tissue. PLoS ONE, 2018, 13, e0197777.	1.1	13
52	Vitamin D Inhibits Adipokine Production and Inflammatory Signaling Through the Vitamin D Receptor in Human Adipocytes. Obesity, 2021, 29, 562-568.	1.5	12
53	Decrease of circulating SAA is correlated with reduction of abdominal SAA secretion during weight loss. Obesity, 2014, 22, 1085-1090.	1.5	10
54	Higher Postâ€absorptive Skeletal Muscle LPL Activity in African American vs. Nonâ€Hispanic White Preâ€menopausal Women. Obesity, 2008, 16, 199-201.	1.5	9

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55	Adiporedoxin, an upstream regulator of ER oxidative folding and protein secretion in adipocytes. Molecular Metabolism, 2015, 4, 758-770.	3.0	5
56	Dietary arginine supplementation reduces fat mass in dietâ€induced â€obese rats by improving glucose and fatty acid metabolism. FASEB Journal, 2007, 21, A328.	0.2	5
57	Reply to Armani et al. Can cortisol stimulate adipogenesis without the glucocorticoid receptor?. International Journal of Obesity, 2014, 38, 1578-1579.	1.6	3
58	Anatomical Classification for Plantaris Tendon Insertion and Its Clinical Implications: A Cadaveric Study. International Journal of Environmental Research and Public Health, 2022, 19, 5795.	1.2	2
59	A New Anatomical Classification for Tibialis Posterior Tendon Insertion and Its Clinical Implications: A Cadaveric Study. Diagnostics, 2021, 11, 1619.	1.3	1
60	Sexâ€Dependent Depot Differences in MMPs and Inflammation of Adipose Tissue Remodeling in Mice. FASEB Journal, 2013, 27, 865.12.	0.2	0
61	FSP27 interacts with ATGL to regulate lipolysis and insulin sensitivity in human adipocytes (LB60). FASEB Journal, 2014, 28, LB60.	0.2	0
62	Reprograming of Human Adipocytes to a Briter Phenotypeâ€"Enhanced Fatty Acid Oxidation and Lipid Droplet Remodeling. Diabetes, 2018, 67, .	0.3	0