Jae Bum Kim

List of Publications by Year in Descending Order

141 papers	13,543 citations	55 h-index	116 g-index
153 ext. papers	14,958 ext. citations	6.8 avg, IF	6.1 L-index

#	Paper	IF	Citations
141	Distinct properties of adipose stem cell subpopulations determine fat depot-specific characteristics.. *Cell Metabolism*, **2022**,	24.6	5
140	Emerging roles of epigenetic regulation in obesity and metabolic disease. *Journal of Biological Chemistry*, **2021**, 297, 101296	5.4	7
139	DNMT1 maintains metabolic fitness of adipocytes through acting as an epigenetic safeguard of mitochondrial dynamics. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	4
138	Depletion of Adipocyte Leads to Lipodystrophy and Metabolic Dysregulation. *Diabetes*, **2021**, 70, 182-195	5.9	3
137	Phenotypic Discovery of SB1501, an Anti-obesity Agent, through Modulating Mitochondrial Activity. *ChemMedChem*, **2021**, 16, 1104-1115	3.7	0
136	TIM4 adipose tissue-resident macrophages: new modulators of adiposity. *Nature Reviews Endocrinology*, **2021**, 17, 645-646	15.2	0
135	Spatial Regulation of Reactive Oxygen Species via G6PD in Brown Adipocytes Supports Thermogenic Function. *Diabetes*, **2021**, 70, 2756-2770	0.9	1
134	NF-B-inducing kinase maintains T cell metabolic fitness in antitumor immunity. *Nature Immunology* , **2021**, 22, 193-204	19.1	17
133	Neddylation of sterol regulatory element-binding protein 1c is a potential therapeutic target for nonalcoholic fatty liver treatment. *Cell Death and Disease*, **2020**, 11, 283	9.8	9
132	Spatiotemporal contact between peroxisomes and lipid droplets regulates fasting-induced lipolysis via PEX5. *Nature Communications*, **2020**, 11, 578	17.4	31
131	Peroxisomal-PEX5 Controls Fasting-Induced Lipolysis. *Contact (Thousand Oaks (Ventura County, Calif))*, **2020**, 3, 251525642096030	2.6	
130	The adaptor protein APPL2 controls glucose-stimulated insulin secretion via F-actin remodeling in pancreatic Ecells. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 28307-28315	11.5	6
129	RNF20 Functions as a Transcriptional Coactivator for PPARby Promoting NCoR1 Degradation in Adipocytes. *Diabetes*, **2020**, 69, 20-34	0.9	11
128	Adipocytes Are the Control Tower That Manages Adipose Tissue Immunity by Regulating Lipid Metabolism. *Frontiers in Immunology*, **2020**, 11, 598566	8.4	1
127	GABA-stimulated adipose-derived stem cells suppress subcutaneous adipose inflammation in obesity. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 11936-11945	11.5	25
126	TonEBP/NFAT5 promotes obesity and insulin resistance by epigenetic suppression of white adipose tissue beiging. *Nature Communications*, **2019**, 10, 3536	17.4	16
125	During Adipocyte Remodeling, Lipid Droplet Configurations Regulate Insulin Sensitivity through F-Actin and G-Actin Reorganization. *Molecular and Cellular Biology*, **2019**, 39,	4.8	17

124	Activation of invariant natural killer T cells stimulates adipose tissue remodeling via adipocyte death and birth in obesity. *Genes and Development*, **2019**, 33, 1657-1672	12.6	9
123	Two Faces of White Adipose Tissue with Heterogeneous Adipogenic Progenitors. *Diabetes and Metabolism Journal*, **2019**, 43, 752-762	5	19
122	Hypoxia Restrains Lipid Utilization via Protein Kinase A and Adipose Triglyceride Lipase Downregulation through Hypoxia-Inducible Factor. *Molecular and Cellular Biology*, **2019**, 39,	4.8	10
121	SREBP1c-PAX4 Axis Mediates Pancreatic Cell Compensatory Responses Upon Metabolic Stress. *Diabetes*, **2019**, 68, 81-94	0.9	9
120	Adipocyte CD1d determines adipose inflammation and insulin resistance in obesity. *Adipocyte*, **2018** , 7, 129-136	3.2	13
119	Deficiency Stimulates Thermogenic Beige Adipocytes Through Activation. *Diabetes*, **2018**, 67, 791-804	0.9	15
118	Perilipin 1 (Plin1) deficiency promotes inflammatory responses in lean adipose tissue through lipid dysregulation. *Journal of Biological Chemistry*, **2018**, 293, 13974-13988	5.4	40
117	Regulatory Roles of Invariant Natural Killer T Cells in Adipose Tissue Inflammation: Defenders Against Obesity-Induced Metabolic Complications. *Frontiers in Immunology*, **2018**, 9, 1311	8.4	12
116	Effects of Three Thiazolidinediones on Metabolic Regulation and Cold-Induced Thermogenesis. *Molecules and Cells*, **2018**, 41, 900-908	3.5	12
115	Hippo-mediated suppression of IRS2/AKT signaling prevents hepatic steatosis and liver cancer. *Journal of Clinical Investigation*, **2018**, 128, 1010-1025	15.9	81
114	Hypothalamic Macrophage Inducible Nitric Oxide Synthase Mediates Obesity-Associated Hypothalamic Inflammation. *Cell Reports*, **2018**, 25, 934-946.e5	10.6	39
113	The activin-A/BMP-2 chimera AB204 is a strong stimulator of adipogenesis. *Journal of Tissue Engineering and Regenerative Medicine*, **2017**, 11, 1524-1531	4.4	5
112	Deletion of CD1d in Adipocytes Aggravates Adipose Tissue Inflammation and Insulin Resistance in Obesity. *Diabetes*, **2017**, 66, 835-847	0.9	41
111	The role of glucose-6-phosphate dehydrogenase in adipose tissue inflammation in obesity. *Adipocyte*, **2017**, 6, 147-153	3.2	18
110	Macrophage VLDLR mediates obesity-induced insulin resistance with adipose tissue inflammation. *Nature Communications*, **2017**, 8, 1087	17.4	41
109	RNF20 Suppresses Tumorigenesis by Inhibiting the SREBP1c-PTTG1 Axis in Kidney Cancer. *Molecular and Cellular Biology*, **2017**, 37,	4.8	29
108	Organ-specific alterations in circadian genes by vertical sleeve gastrectomy in an obese diabetic mouse model. *Science Bulletin*, **2017**, 62, 467-469	10.6	2
107	SREBP1c-CRY1 signalling represses hepatic glucose production by promoting FOXO1 degradation during refeeding. *Nature Communications*, **2016**, 7, 12180	17.4	42

106	Glucose-6-Phosphate Dehydrogenase Deficiency Improves Insulin Resistance With Reduced Adipose Tissue Inflammation in Obesity. *Diabetes*, **2016**, 65, 2624-38	0.9	49
105	Adipose Tissue Remodeling: Its Role in Energy Metabolism and Metabolic Disorders. *Frontiers in Endocrinology*, **2016**, 7, 30	5.7	514
104	Protein Kinase A Subunit Balance Regulates Lipid Metabolism in Caenorhabditis elegans and Mammalian Adipocytes. *Journal of Biological Chemistry*, **2016**, 291, 20315-28	5.4	12
103	Alteration of gut microbiota by vancomycin and bacitracin improves insulin resistance via glucagon-like peptide 1 in diet-induced obesity. *FASEB Journal*, **2015**, 29, 2397-411	0.9	136
102	Lipid-overloaded enlarged adipocytes provoke insulin resistance independent of inflammation. *Molecular and Cellular Biology*, **2015**, 35, 1686-99	4.8	138
101	Obesity-induced DNA hypermethylation of the adiponectin gene mediates insulin resistance. *Nature Communications*, **2015**, 6, 7585	17.4	123
100	Evaluation of the synuclein-[(SNCG) gene as a PPAR[target in murine adipocytes, dorsal root ganglia somatosensory neurons, and human adipose tissue. *PLoS ONE*, **2015**, 10, e0115830	3.7	8
99	Tropomodulin3 is a novel Akt2 effector regulating insulin-stimulated GLUT4 exocytosis through cortical actin remodeling. *Nature Communications*, **2015**, 6, 5951	17.4	55
98	Ablation of Perilipin 1 Alters Whole Body Glucose Homeostasis. *FASEB Journal*, **2015**, 29, 885.15	0.9	
97	The adipokine Retnla modulates cholesterol homeostasis in hyperlipidemic mice. *Nature Communications*, **2014**, 5, 4410	17.4	26
96	Macrophage HIF-2[ameliorates adipose tissue inflammation and insulin resistance in obesity. *Diabetes*, **2014**, 63, 3359-71	0.9	78
95	Regulation of Adipocyte Differentiation via MicroRNAs. *Endocrinology and Metabolism*, **2014**, 29, 122-35	3.5	69
94	Lipid droplet protein LID-1 mediates ATGL-1-dependent lipolysis during fasting in Caenorhabditis elegans. *Molecular and Cellular Biology*, **2014**, 34, 4165-76	4.8	53
93	Arp2/3 complex regulates adipogenesis by controlling cortical actin remodelling. *Biochemical Journal*, **2014**, 464, 179-92	3.8	16
92	Crosstalk between adipocytes and immune cells in adipose tissue inflammation and metabolic dysregulation in obesity. *Molecules and Cells*, **2014**, 37, 365-71	3.5	240
91	Ring finger protein20 regulates hepatic lipid metabolism through protein kinase A-dependent sterol regulatory element binding protein1c degradation. *Hepatology*, **2014**, 60, 844-57	11.2	29
90	PIASy-mediated sumoylation of SREBP1c regulates hepatic lipid metabolism upon fasting signaling. *Molecular and Cellular Biology*, **2014**, 34, 926-38	4.8	27
89	Proteome Analysis of Mouse Adipose Tissue and Colon Tissue using a Novel Integrated Data Processing Pipeline. *Mass Spectrometry Letters*, **2014**, 5, 16-23		

88	Macrophage glucose-6-phosphate dehydrogenase stimulates proinflammatory responses with oxidative stress. *Molecular and Cellular Biology*, **2013**, 33, 2425-35	4.8	67
87	A novel function of adipocytes in lipid antigen presentation to iNKT cells. *Molecular and Cellular Biology*, **2013**, 33, 328-39	4.8	90
86	Endoplasmic reticulum stress induces hepatic steatosis via increased expression of the hepatic very low-density lipoprotein receptor. *Hepatology*, **2013**, 57, 1366-77	11.2	128
85	AMPK activation with glabridin ameliorates adiposity and lipid dysregulation in obesity. *Journal of Lipid Research*, **2012**, 53, 1277-86	6.3	59
84	Feeding period restriction alters the expression of peripheral circadian rhythm genes without changing body weight in mice. *PLoS ONE*, **2012**, 7, e49993	3.7	23
83	SREBP1c is regulated by E3 ligase RNF20/BRE1A upon hormonal changes. *FASEB Journal*, **2012**, 26, 732.2	0.9	
82	Inflammation is necessary for long-term but not short-term high-fat diet-induced insulin resistance. *Diabetes*, **2011**, 60, 2474-83	0.9	374
81	Effect of nanogroove geometry on adipogenic differentiation. *Nanotechnology*, **2011**, 22, 494017	3.4	18
80	G6PD up-regulation promotes pancreatic beta-cell dysfunction. *Endocrinology*, **2011**, 152, 793-803	4.8	34
79	A newly identified CG301269 improves lipid and glucose metabolism without body weight gain through activation of peroxisome proliferator-activated receptor alpha and gamma. *Diabetes*, **2011**, 60, 496-506	0.9	26
78	Atypical antipsychotic drugs perturb AMPK-dependent regulation of hepatic lipid metabolism. *American Journal of Physiology - Endocrinology and Metabolism*, **2011**, 300, E624-32	6	38
77	Anti-obesity effects of Lysimachia foenum-graecum characterized by decreased adipogenesis and regulated lipid metabolism. *Experimental and Molecular Medicine*, **2011**, 43, 205-15	12.8	38
76	Adipocytokine orosomucoid integrates inflammatory and metabolic signals to preserve energy homeostasis by resolving immoderate inflammation. *Journal of Biological Chemistry*, **2010**, 285, 22174-85	5.4	84
75	Adiponectin represses colon cancer cell proliferation via AdipoR1- and -R2-mediated AMPK activation. *Molecular Endocrinology*, **2010**, 24, 1441-52		185
74	A nonthiazolidinedione peroxisome proliferator-activated receptor [illegible] dual agonist CG301360 alleviates insulin resistance and lipid dysregulation in db/db mice. *Molecular Pharmacology*, **2010**, 78, 877-85	4.3	4
73	Inhibitory effect of LXR activation on cell proliferation and cell cycle progression through lipogenic activity. *Journal of Lipid Research*, **2010**, 51, 3425-33	6.3	41
72	Hypothalamic Angptl4/Fiaf is a novel regulator of food intake and body weight. *Diabetes*, **2010**, 59, 2772-80	8.9	85
71	miR-27a is a negative regulator of adipocyte differentiation via suppressing PPARgamma expression. *Biochemical and Biophysical Research Communications*, **2010**, 392, 323-8	3.4	331

70	Hypermethylation of growth arrest DNA-damage-inducible gene 45 in non-small cell lung cancer and its relationship with clinicopathologic features. *Molecules and Cells*, **2010**, 30, 89-92	3.5	30
69	Adipose tissue-specific dysregulation of angiotensinogen by oxidative stress in obesity. *Metabolism: Clinical and Experimental*, **2010**, 59, 1241-51	12.7	25
68	Carbonyl reductase 1 protects pancreatic Ecells against oxidative stress-induced apoptosis in glucotoxicity and glucolipotoxicity. *Free Radical Biology and Medicine*, **2010**, 49, 1522-33	7.8	40
67	Prolactin regulatory element-binding protein involved in cAMP-mediated suppression of adiponectin gene. *Journal of Cellular and Molecular Medicine*, **2010**, 14, 1294-302	5.6	3
66	Cell-penetration by Co(III)cyclen-based peptide-cleaving catalysts selective for pathogenic proteins of amyloidoses. *Bioorganic and Medicinal Chemistry*, **2010**, 18, 5248-53	3.4	8
65	Molecular Characterization of the Tumor Suppressor Candidate 5 Gene: Regulation by PPARgamma and Identification of TUSC5 Coding Variants in Lean and Obese Humans. *PPAR Research*, **2009**, 2009, 867678	4.3	9
64	Liver X receptor ligands suppress ubiquitination and degradation of LXRalpha by displacing BARD1/BRCA1. *Molecular Endocrinology*, **2009**, 23, 466-74		22
63	Berberine improves lipid dysregulation in obesity by controlling central and peripheral AMPK activity. *American Journal of Physiology - Endocrinology and Metabolism*, **2009**, 296, E812-9	6	170
62	Adiponectin stimulates osteoblast differentiation through induction of COX2 in mesenchymal progenitor cells. *Stem Cells*, **2009**, 27, 2254-62	5.8	94
61	Berberine suppresses proinflammatory responses through AMPK activation in macrophages. *American Journal of Physiology - Endocrinology and Metabolism*, **2009**, 296, E955-64	6	329
60	IRE-1 and HSP-4 contribute to energy homeostasis via fasting-induced lipases in C. elegans. *Cell Metabolism*, **2009**, 9, 440-8	24.6	49
59	Glutathione peroxidase 3 mediates the antioxidant effect of peroxisome proliferator-activated receptor gamma in human skeletal muscle cells. *Molecular and Cellular Biology*, **2009**, 29, 20-30	4.8	116
58	Hes1 stimulates transcriptional activity of Runx2 by increasing protein stabilization during osteoblast differentiation. *Biochemical and Biophysical Research Communications*, **2008**, 367, 97-102	3.4	31
57	The orphan nuclear receptor DAX-1 acts as a novel transcriptional corepressor of PPARgamma. *Biochemical and Biophysical Research Communications*, **2008**, 370, 264-8	3.4	13
56	The helix-loop-helix factors Id3 and E47 are novel regulators of adiponectin. *Circulation Research*, **2008**, 103, 624-34	15.7	54
55	Sterol regulatory element-binding protein-1c represses the transactivation of androgen receptor and androgen-dependent growth of prostatic cells. *Molecular Cancer Research*, **2008**, 6, 314-24	6.6	6
54	Stra13/DEC1 and DEC2 inhibit sterol regulatory element binding protein-1c in a hypoxia-inducible factor-dependent mechanism. *Nucleic Acids Research*, **2008**, 36, 6372-85	20.1	44
53	Dysregulation of adipose glutathione peroxidase 3 in obesity contributes to local and systemic oxidative stress. *Molecular Endocrinology*, **2008**, 22, 2176-89		133

52	Alpha-lipoic acid decreases hepatic lipogenesis through adenosine monophosphate-activated protein kinase (AMPK)-dependent and AMPK-independent pathways. *Hepatology*, **2008**, 48, 1477-86	11.2	135
51	Catechin gallates are NADP+-competitive inhibitors of glucose-6-phosphate dehydrogenase and other enzymes that employ NADP+ as a coenzyme. *Bioorganic and Medicinal Chemistry*, **2008**, 16, 3580-6	3.4	45
50	Berberine promotes osteoblast differentiation by Runx2 activation with p38 MAPK. *Journal of Bone and Mineral Research*, **2008**, 23, 1227-37	6.3	86
49	Chromatin remodeling complex interacts with ADD1/SREBP1c to mediate insulin-dependent regulation of gene expression. *Molecular and Cellular Biology*, **2007**, 27, 438-52	4.8	32
48	Chronic activation of liver X receptor induces beta-cell apoptosis through hyperactivation of lipogenesis: liver X receptor-mediated lipotoxicity in pancreatic beta-cells. *Diabetes*, **2007**, 56, 1534-43	0.9	82
47	New evaluations of redox regulating system in adipose tissue of obesity. *Diabetes Research and Clinical Practice*, **2007**, 77 Suppl 1, S11-6	7.4	20
46	Down-regulation of histone deacetylases stimulates adipocyte differentiation. *Journal of Biological Chemistry*, **2006**, 281, 6608-15	5.4	143
45	Histone deacetylase 1-mediated histone modification regulates osteoblast differentiation. *Molecular Endocrinology*, **2006**, 20, 2432-43		168
44	Adiponectin increases fatty acid oxidation in skeletal muscle cells by sequential activation of AMP-activated protein kinase, p38 mitogen-activated protein kinase, and peroxisome proliferator-activated receptor alpha. *Diabetes*, **2006**, 55, 2562-70	0.9	415
43	Increase in glucose-6-phosphate dehydrogenase in adipocytes stimulates oxidative stress and inflammatory signals. *Diabetes*, **2006**, 55, 2939-49	0.9	118
42	Activation of Toll-like receptor 4 is associated with insulin resistance in adipocytes. *Biochemical and Biophysical Research Communications*, **2006**, 346, 739-45	3.4	347
41	Selective LXRalpha inhibitory effects observed in plant extracts of MEH184 (Parthenocissua tricuspidata) and MEH185 (Euscaphis japonica). *Biochemical and Biophysical Research Communications*, **2006**, 349, 513-8	3.4	12
40	Crystal structure of visfatin/pre-B cell colony-enhancing factor 1/nicotinamide phosphoribosyltransferase, free and in complex with the anti-cancer agent FK-866. *Journal of Molecular Biology*, **2006**, 362, 66-77	6.5	87
39	Berberine, a natural plant product, activates AMP-activated protein kinase with beneficial metabolic effects in diabetic and insulin-resistant states. *Diabetes*, **2006**, 55, 2256-64	0.9	804
38	Transcriptional regulation of mouse 6-phosphogluconate dehydrogenase by ADD1/SREBP1c. *Biochemical and Biophysical Research Communications*, **2005**, 332, 288-96	3.4	21
37	Hypoxia inhibits adipocyte differentiation in a HDAC-independent manner. *Biochemical and Biophysical Research Communications*, **2005**, 333, 1178-84	3.4	61
36	Overexpression of glucose-6-phosphate dehydrogenase is associated with lipid dysregulation and insulin resistance in obesity. *Molecular and Cellular Biology*, **2005**, 25, 5146-57	4.8	155
35	HMG-CoA reductase inhibition reduces monocyte CC chemokine receptor 2 expression and monocyte chemoattractant protein-1-mediated monocyte recruitment in vivo. *Circulation*, **2005**, 111, 1439-47	16.7	76

34	Adipocyte determination- and differentiation-dependent factor 1/sterol regulatory element-binding protein 1c regulates mouse adiponectin expression. *Journal of Biological Chemistry*, **2004**, 279, 22108-17	5.4	108
33	Regulatory role of glycogen synthase kinase 3 for transcriptional activity of ADD1/SREBP1c. *Journal of Biological Chemistry*, **2004**, 279, 51999-2006	5.4	86
32	Activated liver X receptors stimulate adipocyte differentiation through induction of peroxisome proliferator-activated receptor gamma expression. *Molecular and Cellular Biology*, **2004**, 24, 3430-44	4.8	208
31	Overexpression of uncoupling protein 2 in THP1 monocytes inhibits beta2 integrin-mediated firm adhesion and transendothelial migration. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2004**, 24, 864-70	9.4	57
30	Differential regulation of human and mouse orphan nuclear receptor small heterodimer partner promoter by sterol regulatory element binding protein-1. *Journal of Biological Chemistry*, **2004**, 279, 28122-31	5.4	28
29	Identification of Ku70/Ku80 as ADD1/SREBP1c interacting proteins. *Korean Journal of Biological Sciences*, **2004**, 8, 49-55		0
28	Regulation of adipocyte differentiation and insulin action with rapamycin. *Biochemical and Biophysical Research Communications*, **2004**, 321, 942-8	3.4	113
27	Tat-dependent repression of human immunodeficiency virus type 1 long terminal repeat promoter activity by fusion of cellular transcription factors. *Biochemical and Biophysical Research Communications*, **2004**, 322, 614-22	3.4	1
26	Twist2, a novel ADD1/SREBP1c interacting protein, represses the transcriptional activity of ADD1/SREBP1c. *Nucleic Acids Research*, **2003**, 31, 7165-74	20.1	48
25	Functional characterization of the human resistin promoter with adipocyte determination- and differentiation-dependent factor 1/sterol regulatory element binding protein 1c and CCAAT enhancer binding protein-alpha. *Molecular Endocrinology*, **2003**, 17, 1522-33		52
24	DHEA administration increases brown fat uncoupling protein 1 levels in obese OLETF rats. *Biochemical and Biophysical Research Communications*, **2003**, 303, 726-31	3.4	33
23	Trigger factor interacts with DnaA protein to stimulate its interaction with DnaA box. *Korean Journal of Biological Sciences*, **2003**, 7, 81-87		
22	Hrp3, a chromodomain helicase/ATPase DNA binding protein, is required for heterochromatin silencing in fission yeast. *Biochemical and Biophysical Research Communications*, **2002**, 295, 970-4	3.4	18
21	Positive transcription elongation factor B phosphorylates hSPT5 and RNA polymerase II carboxyl-terminal domain independently of cyclin-dependent kinase-activating kinase. *Journal of Biological Chemistry*, **2001**, 276, 12317-23	5.4	142
20	Rad22 protein, a rad52 homologue in Schizosaccharomyces pombe, binds to DNA double-strand breaks. *Journal of Biological Chemistry*, **2000**, 275, 35607-11	5.4	33
19	Identification of conserved cis-elements and transcription factors required for sterol-regulated transcription of stearoyl-CoA desaturase 1 and 2. *Journal of Biological Chemistry*, **1999**, 274, 20603-10	5.4	181
18	Regulation of peroxisome proliferator-activated receptor gamma expression by adipocyte differentiation and determination factor 1/sterol regulatory element binding protein 1: implications for adipocyte differentiation and metabolism. *Molecular and Cellular Biology*, **1999**, 19, 5495-503	4.8	356
17	ADD1/SREBP-1c is required in the activation of hepatic lipogenic gene expression by glucose. *Molecular and Cellular Biology*, **1999**, 19, 3760-8	4.8	461

16	Transcriptional activation of the stearoyl-CoA desaturase 2 gene by sterol regulatory element-binding protein/adipocyte determination and differentiation factor 1. *Journal of Biological Chemistry*, **1998**, 273, 22052-8	5.4	89
15	ADD1/SREBP1 activates PPARgamma through the production of endogenous ligand. *Proceedings of the National Academy of Sciences of the United States of America*, **1998**, 95, 4333-7	11.5	549
14	Nutritional and insulin regulation of fatty acid synthetase and leptin gene expression through ADD1/SREBP1. *Journal of Clinical Investigation*, **1998**, 101, 1-9	15.9	564
13	Identification of glycerol-3-phosphate acyltransferase as an adipocyte determination and differentiation factor 1- and sterol regulatory element-binding protein-responsive gene. *Journal of Biological Chemistry*, **1997**, 272, 7298-305	5.4	201
12	Multiple sequence elements are involved in the transcriptional regulation of the human squalene synthase gene. *Journal of Biological Chemistry*, **1997**, 272, 10295-302	5.4	91
11	Peroxisome proliferator-activated receptor gamma and the control of adipogenesis. *Current Opinion in Lipidology*, **1997**, 8, 212-8	4.4	74
10	PPAR gamma and the control of adipogenesis. *Biochimie*, **1997**, 79, 111-2	4.6	116
9	ADD1/SREBP1 promotes adipocyte differentiation and gene expression linked to fatty acid metabolism. *Genes and Development*, **1996**, 10, 1096-107	12.6	760
8	Adipocyte differentiation: a transcriptional regulatory cascade. *Current Opinion in Cell Biology*, **1996** , 8, 826-32	9	161
7	Inhibition of adipogenesis through MAP kinase-mediated phosphorylation of PPARgamma. *Science*, **1996**, 274, 2100-3	33.3	913
6	Dual DNA binding specificity of ADD1/SREBP1 controlled by a single amino acid in the basic helix-loop-helix domain. *Molecular and Cellular Biology*, **1995**, 15, 2582-8	4.8	295
5	Expression of RAD4 gene of Saccharomyces cerevisiae that can be propagated in Escherichia coli without inactivation. *Biochemical and Biophysical Research Communications*, **1993**, 193, 191-7	3.4	1
4	A gene inSchizosaccharomyces pombeanalogous to the RAD4 Gene ofSaccharomyces cerevisiae. *FEMS Microbiology Letters*, **1991**, 77, 97-100	2.9	3
3	A gene in Schizosaccharomyces pombe analogous to the RAD4 gene of Saccharomyces cerevisiae. *FEMS Microbiology Letters*, **1991**, 61, 97-100	2.9	2
2	Characterization of RAD4 gene required for ultraviolet-induced excision repair of Saccharomyces cerevisiae propagated in Escherichia coli without inactivation. *Photochemistry and Photobiology*, **1990**, 52, 395-400	3.6	3
1	Nucleotide sequence of RAD4 gene of Saccharomyces cerevisiae that can be propagated in Escherichia coli without inactivation. *Nucleic Acids Research*, **1990**, 18, 7137	20.1	1