

Jae Bum Kim

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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	Inhibition of adipogenesis through MAP kinase-mediated phosphorylation of PPARgamma. <i>Science</i> , 1996 , 274, 2100-3	33.3	913
140	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
139	ADD1/SREBP1 promotes adipocyte differentiation and gene expression linked to fatty acid metabolism. <i>Genes and Development</i> , 1996 , 10, 1096-107	12.6	760
138	Nutritional and insulin regulation of fatty acid synthetase and leptin gene expression through ADD1/SREBP1. <i>Journal of Clinical Investigation</i> , 1998 , 101, 1-9	15.9	564
137	ADD1/SREBP1 activates PPARgamma through the production of endogenous ligand. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998 , 95, 4333-7	11.5	549
136	Adipose Tissue Remodeling: Its Role in Energy Metabolism and Metabolic Disorders. <i>Frontiers in Endocrinology</i> , 2016 , 7, 30	5.7	514
135	ADD1/SREBP-1c is required in the activation of hepatic lipogenic gene expression by glucose. <i>Molecular and Cellular Biology</i> , 1999 , 19, 3760-8	4.8	461
134	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. <i>Diabetes</i> , 2006 , 55, 2562-70	0.9	415
133	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
132	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. <i>Molecular and Cellular Biology</i> , 1999 , 19, 5495-503	4.8	356
131	Activation of Toll-like receptor 4 is associated with insulin resistance in adipocytes. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 346, 739-45	3.4	347
130	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
129	Berberine suppresses proinflammatory responses through AMPK activation in macrophages. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009 , 296, E955-64	6	329
128	Dual DNA binding specificity of ADD1/SREBP1 controlled by a single amino acid in the basic helix-loop-helix domain. <i>Molecular and Cellular Biology</i> , 1995 , 15, 2582-8	4.8	295
127	Crosstalk between adipocytes and immune cells in adipose tissue inflammation and metabolic dysregulation in obesity. <i>Molecules and Cells</i> , 2014 , 37, 365-71	3.5	240
126	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
125	Identification of glycerol-3-phosphate acyltransferase as an adipocyte determination and differentiation factor 1- and sterol regulatory element-binding protein-responsive gene. <i>Journal of Biological Chemistry</i> , 1997 , 272, 7298-305	5.4	201

124	Adiponectin represses colon cancer cell proliferation via AdipoR1- and -R2-mediated AMPK activation. <i>Molecular Endocrinology</i> , 2010 , 24, 1441-52		185
123	Identification of conserved cis-elements and transcription factors required for sterol-regulated transcription of stearoyl-CoA desaturase 1 and 2. <i>Journal of Biological Chemistry</i> , 1999 , 274, 20603-10	5.4	181
122	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
121	Histone deacetylase 1-mediated histone modification regulates osteoblast differentiation. <i>Molecular Endocrinology</i> , 2006 , 20, 2432-43		168
120	Adipocyte differentiation: a transcriptional regulatory cascade. <i>Current Opinion in Cell Biology</i> , 1996 , 8, 826-32	9	161
119	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
118	Down-regulation of histone deacetylases stimulates adipocyte differentiation. <i>Journal of Biological Chemistry</i> , 2006 , 281, 6608-15	5.4	143
117	Positive transcription elongation factor B phosphorylates hSPT5 and RNA polymerase II carboxyl-terminal domain independently of cyclin-dependent kinase-activating kinase. <i>Journal of Biological Chemistry</i> , 2001 , 276, 12317-23	5.4	142
116	Lipid-overloaded enlarged adipocytes provoke insulin resistance independent of inflammation. <i>Molecular and Cellular Biology</i> , 2015 , 35, 1686-99	4.8	138
115	Alteration of gut microbiota by vancomycin and bacitracin improves insulin resistance via glucagon-like peptide 1 in diet-induced obesity. <i>FASEB Journal</i> , 2015 , 29, 2397-411	0.9	136
114	Alpha-lipoic acid decreases hepatic lipogenesis through adenosine monophosphate-activated protein kinase (AMPK)-dependent and AMPK-independent pathways. <i>Hepatology</i> , 2008 , 48, 1477-86	11.2	135
113	Dysregulation of adipose glutathione peroxidase 3 in obesity contributes to local and systemic oxidative stress. <i>Molecular Endocrinology</i> , 2008 , 22, 2176-89		133
112	Endoplasmic reticulum stress induces hepatic steatosis via increased expression of the hepatic very low-density lipoprotein receptor. <i>Hepatology</i> , 2013 , 57, 1366-77	11.2	128
111	Obesity-induced DNA hypermethylation of the adiponectin gene mediates insulin resistance. <i>Nature Communications</i> , 2015 , 6, 7585	17.4	123
110	Increase in glucose-6-phosphate dehydrogenase in adipocytes stimulates oxidative stress and inflammatory signals. <i>Diabetes</i> , 2006 , 55, 2939-49	0.9	118
109	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
108	PPAR gamma and the control of adipogenesis. <i>Biochimie</i> , 1997 , 79, 111-2	4.6	116
107	Regulation of adipocyte differentiation and insulin action with rapamycin. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 321, 942-8	3.4	113

106	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
105	Adiponectin stimulates osteoblast differentiation through induction of COX2 in mesenchymal progenitor cells. <i>Stem Cells</i> , 2009 , 27, 2254-62	5.8	94
104	Multiple sequence elements are involved in the transcriptional regulation of the human squalene synthase gene. <i>Journal of Biological Chemistry</i> , 1997 , 272, 10295-302	5.4	91
103	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
102	Transcriptional activation of the stearyl-CoA desaturase 2 gene by sterol regulatory element-binding protein/adipocyte determination and differentiation factor 1. <i>Journal of Biological Chemistry</i> , 1998 , 273, 22052-8	5.4	89
101	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
100	Berberine promotes osteoblast differentiation by Runx2 activation with p38 MAPK. <i>Journal of Bone and Mineral Research</i> , 2008 , 23, 1227-37	6.3	86
99	Regulatory role of glycogen synthase kinase 3 for transcriptional activity of ADD1/SREBP1c. <i>Journal of Biological Chemistry</i> , 2004 , 279, 51999-2006	5.4	86
98	Hypothalamic Angptl4/Fiaf is a novel regulator of food intake and body weight. <i>Diabetes</i> , 2010 , 59, 2772-80	6.0	85
97	Adipocytokine orosomucoid 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
96	Chronic activation of liver X receptor induces beta-cell apoptosis through hyperactivation of lipogenesis: liver X receptor-mediated lipotoxicity in pancreatic beta-cells. <i>Diabetes</i> , 2007 , 56, 1534-43	0.9	82
95	Hippo-mediated suppression of IRS2/AKT signaling prevents hepatic steatosis and liver cancer. <i>Journal of Clinical Investigation</i> , 2018 , 128, 1010-1025	15.9	81
94	Macrophage HIF-2 α ameliorates adipose tissue inflammation and insulin resistance in obesity. <i>Diabetes</i> , 2014 , 63, 3359-71	0.9	78
93	HMG-CoA reductase inhibition reduces monocyte CC chemokine receptor 2 expression and monocyte chemoattractant protein-1-mediated monocyte recruitment in vivo. <i>Circulation</i> , 2005 , 111, 1439-47	16.7	76
92	Peroxisome proliferator-activated receptor gamma and the control of adipogenesis. <i>Current Opinion in Lipidology</i> , 1997 , 8, 212-8	4.4	74
91	Regulation of Adipocyte Differentiation via MicroRNAs. <i>Endocrinology and Metabolism</i> , 2014 , 29, 122-35	3.5	69
90	Macrophage glucose-6-phosphate dehydrogenase stimulates proinflammatory responses with oxidative stress. <i>Molecular and Cellular Biology</i> , 2013 , 33, 2425-35	4.8	67
89	Hypoxia inhibits adipocyte differentiation in a HDAC-independent manner. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 333, 1178-84	3.4	61

88	AMPK activation with glabridin ameliorates adiposity and lipid dysregulation in obesity. <i>Journal of Lipid Research</i> , 2012 , 53, 1277-86	6.3	59
87	Overexpression of uncoupling protein 2 in THP1 monocytes inhibits beta2 integrin-mediated firm adhesion and transendothelial migration. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004 , 24, 864-70	9.4	57
86	Tropomodulin3 is a novel Akt2 effector regulating insulin-stimulated GLUT4 exocytosis through cortical actin remodeling. <i>Nature Communications</i> , 2015 , 6, 5951	17.4	55
85	The helix-loop-helix factors Id3 and E47 are novel regulators of adiponectin. <i>Circulation Research</i> , 2008 , 103, 624-34	15.7	54
84	Lipid droplet protein LID-1 mediates ATGL-1-dependent lipolysis during fasting in <i>Caenorhabditis elegans</i> . <i>Molecular and Cellular Biology</i> , 2014 , 34, 4165-76	4.8	53
83	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. <i>Molecular Endocrinology</i> , 2003 , 17, 1522-33		52
82	Glucose-6-Phosphate Dehydrogenase Deficiency Improves Insulin Resistance With Reduced Adipose Tissue Inflammation in Obesity. <i>Diabetes</i> , 2016 , 65, 2624-38	0.9	49
81	IRE-1 and HSP-4 contribute to energy homeostasis via fasting-induced lipases in <i>C. elegans</i> . <i>Cell Metabolism</i> , 2009 , 9, 440-8	24.6	49
80	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
79	Catechin gallates are NADP ⁺ -competitive inhibitors of glucose-6-phosphate dehydrogenase and other enzymes that employ NADP ⁺ as a coenzyme. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 3580-63	3.4	45
78	Stra13/DEC1 and DEC2 inhibit sterol regulatory element binding protein-1c in a hypoxia-inducible factor-dependent mechanism. <i>Nucleic Acids Research</i> , 2008 , 36, 6372-85	20.1	44
77	SREBP1c-CRY1 signalling represses hepatic glucose production by promoting FOXO1 degradation during refeeding. <i>Nature Communications</i> , 2016 , 7, 12180	17.4	42
76	Deletion of CD1d in Adipocytes Aggravates Adipose Tissue Inflammation and Insulin Resistance in Obesity. <i>Diabetes</i> , 2017 , 66, 835-847	0.9	41
75	Macrophage VLDLR mediates obesity-induced insulin resistance with adipose tissue inflammation. <i>Nature Communications</i> , 2017 , 8, 1087	17.4	41
74	Inhibitory effect of LXR activation on cell proliferation and cell cycle progression through lipogenic activity. <i>Journal of Lipid Research</i> , 2010 , 51, 3425-33	6.3	41
73	Perilipin 1 (Plin1) deficiency promotes inflammatory responses in lean adipose tissue through lipid dysregulation. <i>Journal of Biological Chemistry</i> , 2018 , 293, 13974-13988	5.4	40
72	Carbonyl reductase 1 protects pancreatic β cells against oxidative stress-induced apoptosis in glucotoxicity and glucolipototoxicity. <i>Free Radical Biology and Medicine</i> , 2010 , 49, 1522-33	7.8	40
71	Hypothalamic Macrophage Inducible Nitric Oxide Synthase Mediates Obesity-Associated Hypothalamic Inflammation. <i>Cell Reports</i> , 2018 , 25, 934-946.e5	10.6	39

70	Atypical antipsychotic drugs perturb AMPK-dependent regulation of hepatic lipid metabolism. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011 , 300, E624-32	6	38
69	Anti-obesity effects of <i>Lysimachia foenum-graecum</i> characterized by decreased adipogenesis and regulated lipid metabolism. <i>Experimental and Molecular Medicine</i> , 2011 , 43, 205-15	12.8	38
68	G6PD up-regulation promotes pancreatic beta-cell dysfunction. <i>Endocrinology</i> , 2011 , 152, 793-803	4.8	34
67	DHEA administration increases brown fat uncoupling protein 1 levels in obese OLETF rats. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 303, 726-31	3.4	33
66	Rad22 protein, a rad52 homologue in <i>Schizosaccharomyces pombe</i> , binds to DNA double-strand breaks. <i>Journal of Biological Chemistry</i> , 2000 , 275, 35607-11	5.4	33
65	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
64	Hes1 stimulates transcriptional activity of Runx2 by increasing protein stabilization during osteoblast differentiation. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 367, 97-102	3.4	31
63	Spatiotemporal contact between peroxisomes and lipid droplets regulates fasting-induced lipolysis via PEX5. <i>Nature Communications</i> , 2020 , 11, 578	17.4	31
62	Hypermethylation of growth arrest DNA-damage-inducible gene 45 in non-small cell lung cancer and its relationship with clinicopathologic features. <i>Molecules and Cells</i> , 2010 , 30, 89-92	3.5	30
61	RNF20 Suppresses Tumorigenesis by Inhibiting the SREBP1c-PTTG1 Axis in Kidney Cancer. <i>Molecular and Cellular Biology</i> , 2017 , 37,	4.8	29
60	Ring finger protein20 regulates hepatic lipid metabolism through protein kinase A-dependent sterol regulatory element binding protein1c degradation. <i>Hepatology</i> , 2014 , 60, 844-57	11.2	29
59	Differential regulation of human and mouse orphan nuclear receptor small heterodimer partner promoter by sterol regulatory element binding protein-1. <i>Journal of Biological Chemistry</i> , 2004 , 279, 28122-31	5.4	28
58	PIASy-mediated sumoylation of SREBP1c regulates hepatic lipid metabolism upon fasting signaling. <i>Molecular and Cellular Biology</i> , 2014 , 34, 926-38	4.8	27
57	The adipokine Retnla modulates cholesterol homeostasis in hyperlipidemic mice. <i>Nature Communications</i> , 2014 , 5, 4410	17.4	26
56	A newly identified CG301269 improves lipid and glucose metabolism without body weight gain through activation of peroxisome proliferator-activated receptor alpha and gamma. <i>Diabetes</i> , 2011 , 60, 496-506	0.9	26
55	GABA-stimulated adipose-derived stem cells suppress subcutaneous adipose inflammation in obesity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 11936-11943	11.5	25
54	Adipose tissue-specific dysregulation of angiotensinogen by oxidative stress in obesity. <i>Metabolism: Clinical and Experimental</i> , 2010 , 59, 1241-51	12.7	25
53	Feeding period restriction alters the expression of peripheral circadian rhythm genes without changing body weight in mice. <i>PLoS ONE</i> , 2012 , 7, e49993	3.7	23

52	Liver X receptor ligands suppress ubiquitination and degradation of LXRalpha by displacing BARD1/BRCA1. <i>Molecular Endocrinology</i> , 2009 , 23, 466-74		22
51	Transcriptional regulation of mouse 6-phosphogluconate dehydrogenase by ADD1/SREBP1c. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 332, 288-96	3.4	21
50	New evaluations of redox regulating system in adipose tissue of obesity. <i>Diabetes Research and Clinical Practice</i> , 2007 , 77 Suppl 1, S11-6	7.4	20
49	Two Faces of White Adipose Tissue with Heterogeneous Adipogenic Progenitors. <i>Diabetes and Metabolism Journal</i> , 2019 , 43, 752-762	5	19
48	The role of glucose-6-phosphate dehydrogenase in adipose tissue inflammation in obesity. <i>Adipocyte</i> , 2017 , 6, 147-153	3.2	18
47	Effect of nanogroove geometry on adipogenic differentiation. <i>Nanotechnology</i> , 2011 , 22, 494017	3.4	18
46	Hrp3, a chromodomain helicase/ATPase DNA binding protein, is required for heterochromatin silencing in fission yeast. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 295, 970-4	3.4	18
45	During Adipocyte Remodeling, Lipid Droplet Configurations Regulate Insulin Sensitivity through F-Actin and G-Actin Reorganization. <i>Molecular and Cellular Biology</i> , 2019 , 39,	4.8	17
44	NF- κ -inducing kinase maintains T cell metabolic fitness in antitumor immunity. <i>Nature Immunology</i> , 2021 , 22, 193-204	19.1	17
43	TonEBP/NFAT5 promotes obesity and insulin resistance by epigenetic suppression of white adipose tissue beiging. <i>Nature Communications</i> , 2019 , 10, 3536	17.4	16
42	Arp2/3 complex regulates adipogenesis by controlling cortical actin remodelling. <i>Biochemical Journal</i> , 2014 , 464, 179-92	3.8	16
41	Deficiency Stimulates Thermogenic Beige Adipocytes Through Activation. <i>Diabetes</i> , 2018 , 67, 791-804	0.9	15
40	Adipocyte CD1d determines adipose inflammation and insulin resistance in obesity. <i>Adipocyte</i> , 2018 , 7, 129-136	3.2	13
39	The orphan nuclear receptor DAX-1 acts as a novel transcriptional corepressor of PPARgamma. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 370, 264-8	3.4	13
38	Regulatory Roles of Invariant Natural Killer T Cells in Adipose Tissue Inflammation: Defenders Against Obesity-Induced Metabolic Complications. <i>Frontiers in Immunology</i> , 2018 , 9, 1311	8.4	12
37	Selective LXRalpha inhibitory effects observed in plant extracts of MEH184 (<i>Parthenocissua tricuspidata</i>) and MEH185 (<i>Euscaphis japonica</i>). <i>Biochemical and Biophysical Research Communications</i> , 2006 , 349, 513-8	3.4	12
36	Effects of Three Thiazolidinediones on Metabolic Regulation and Cold-Induced Thermogenesis. <i>Molecules and Cells</i> , 2018 , 41, 900-908	3.5	12
35	Protein Kinase A Subunit Balance Regulates Lipid Metabolism in <i>Caenorhabditis elegans</i> and Mammalian Adipocytes. <i>Journal of Biological Chemistry</i> , 2016 , 291, 20315-28	5.4	12

34	RNF20 Functions as a Transcriptional Coactivator for PPAR γ by Promoting NCoR1 Degradation in Adipocytes. <i>Diabetes</i> , 2020 , 69, 20-34	0.9	11
33	Hypoxia Restrains Lipid Utilization via Protein Kinase A and Adipose Triglyceride Lipase Downregulation through Hypoxia-Inducible Factor. <i>Molecular and Cellular Biology</i> , 2019 , 39,	4.8	10
32	Neddylation of sterol regulatory element-binding protein 1c is a potential therapeutic target for nonalcoholic fatty liver treatment. <i>Cell Death and Disease</i> , 2020 , 11, 283	9.8	9
31	Activation of invariant natural killer T cells stimulates adipose tissue remodeling via adipocyte death and birth in obesity. <i>Genes and Development</i> , 2019 , 33, 1657-1672	12.6	9
30	Molecular Characterization of the Tumor Suppressor Candidate 5 Gene: Regulation by PPAR γ and Identification of TUSC5 Coding Variants in Lean and Obese Humans. <i>PPAR Research</i> , 2009 , 2009, 867678	4.3	9
29	SREBP1c-PAX4 Axis Mediates Pancreatic β Cell Compensatory Responses Upon Metabolic Stress. <i>Diabetes</i> , 2019 , 68, 81-94	0.9	9
28	Evaluation of the synuclein- β (SNCG) gene as a PPAR γ target in murine adipocytes, dorsal root ganglia somatosensory neurons, and human adipose tissue. <i>PLoS ONE</i> , 2015 , 10, e0115830	3.7	8
27	Cell-penetration by Co(III)cyclen-based peptide-cleaving catalysts selective for pathogenic proteins of amyloidoses. <i>Bioorganic and Medicinal Chemistry</i> , 2010 , 18, 5248-53	3.4	8
26	Emerging roles of epigenetic regulation in obesity and metabolic disease. <i>Journal of Biological Chemistry</i> , 2021 , 297, 101296	5.4	7
25	Sterol regulatory element-binding protein-1c represses the transactivation of androgen receptor and androgen-dependent growth of prostatic cells. <i>Molecular Cancer Research</i> , 2008 , 6, 314-24	6.6	6
24	The adaptor protein APPL2 controls glucose-stimulated insulin secretion via F-actin remodeling in pancreatic β cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 28307-28315	11.5	6
23	The activin- β /BMP-2 chimera AB204 is a strong stimulator of adipogenesis. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017 , 11, 1524-1531	4.4	5
22	Distinct properties of adipose stem cell subpopulations determine fat depot-specific characteristics.. <i>Cell Metabolism</i> , 2022 ,	24.6	5
21	A nonthiazolidinedione peroxisome proliferator-activated receptor γ dual agonist CG301360 alleviates insulin resistance and lipid dysregulation in db/db mice. <i>Molecular Pharmacology</i> , 2010 , 78, 877-85	4.3	4
20	DNMT1 maintains metabolic fitness of adipocytes through acting as an epigenetic safeguard of mitochondrial dynamics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	4
19	Prolactin regulatory element-binding protein involved in cAMP-mediated suppression of adiponectin gene. <i>Journal of Cellular and Molecular Medicine</i> , 2010 , 14, 1294-302	5.6	3
18	A gene in <i>Schizosaccharomyces pombe</i> analogous to the RAD4 Gene of <i>Saccharomyces cerevisiae</i> . <i>FEMS Microbiology Letters</i> , 1991 , 77, 97-100	2.9	3
17	Characterization of RAD4 gene required for ultraviolet-induced excision repair of <i>Saccharomyces cerevisiae</i> propagated in <i>Escherichia coli</i> without inactivation. <i>Photochemistry and Photobiology</i> , 1990 , 52, 395-400	3.6	3

16	Depletion of Adipocyte Leads to Lipodystrophy and Metabolic Dysregulation. <i>Diabetes</i> , 2021 , 70, 182-195.9	3
15	Organ-specific alterations in circadian genes by vertical sleeve gastrectomy in an obese diabetic mouse model. <i>Science Bulletin</i> , 2017 , 62, 467-469	10.6 2
14	A gene in <i>Schizosaccharomyces pombe</i> analogous to the RAD4 gene of <i>Saccharomyces cerevisiae</i> . <i>FEMS Microbiology Letters</i> , 1991 , 61, 97-100	2.9 2
13	Tat-dependent repression of human immunodeficiency virus type 1 long terminal repeat promoter activity by fusion of cellular transcription factors. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 322, 614-22	3.4 1
12	Expression of RAD4 gene of <i>Saccharomyces cerevisiae</i> that can be propagated in <i>Escherichia coli</i> without inactivation. <i>Biochemical and Biophysical Research Communications</i> , 1993 , 193, 191-7	3.4 1
11	Nucleotide sequence of RAD4 gene of <i>Saccharomyces cerevisiae</i> that can be propagated in <i>Escherichia coli</i> without inactivation. <i>Nucleic Acids Research</i> , 1990 , 18, 7137	20.1 1
10	Spatial Regulation of Reactive Oxygen Species via G6PD in Brown Adipocytes Supports Thermogenic Function. <i>Diabetes</i> , 2021 , 70, 2756-2770	0.9 1
9	Adipocytes Are the Control Tower That Manages Adipose Tissue Immunity by Regulating Lipid Metabolism. <i>Frontiers in Immunology</i> , 2020 , 11, 598566	8.4 1
8	Identification of Ku70/Ku80 as ADD1/SREBP1c interacting proteins. <i>Korean Journal of Biological Sciences</i> , 2004 , 8, 49-55	0
7	Phenotypic Discovery of SB1501, an Anti-obesity Agent, through Modulating Mitochondrial Activity. <i>ChemMedChem</i> , 2021 , 16, 1104-1115	3.7 0
6	TIM4 adipose tissue-resident macrophages: new modulators of adiposity. <i>Nature Reviews Endocrinology</i> , 2021 , 17, 645-646	15.2 0
5	Trigger factor interacts with DnaA protein to stimulate its interaction with DnaA box. <i>Korean Journal of Biological Sciences</i> , 2003 , 7, 81-87	
4	Ablation of Perilipin 1 Alters Whole Body Glucose Homeostasis. <i>FASEB Journal</i> , 2015 , 29, 885.15	0.9
3	SREBP1c is regulated by E3 ligase RNF20/BRE1A upon hormonal changes. <i>FASEB Journal</i> , 2012 , 26, 732.20.9	
2	Proteome Analysis of Mouse Adipose Tissue and Colon Tissue using a Novel Integrated Data Processing Pipeline. <i>Mass Spectrometry Letters</i> , 2014 , 5, 16-23	
1	Peroxisomal-PEX5 Controls Fasting-Induced Lipolysis. <i>Contact (Thousand Oaks (Ventura County, Calif))</i> , 2020 , 3, 251525642096030	2.6