

# Jianping Ye

## List of Publications by Citations

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178  
papers

13,231  
citations

60  
h-index

112  
g-index

188  
ext. papers

14,747  
ext. citations

5.5  
avg, IF

6.66  
L-index

#	Paper	IF	Citations
178	Butyrate improves insulin sensitivity and increases energy expenditure in mice. <i>Diabetes</i> , <b>2009</b> , 58, 1509-15	13	1214
177	Hypoxia is a potential risk factor for chronic inflammation and adiponectin reduction in adipose tissue of ob/ob and dietary obese mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2007</b> , 293, E1118-28	6	614
176	Serine phosphorylation of insulin receptor substrate 1 by inhibitor kappa B kinase complex. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 48115-21	5.4	553
175	Efficacy of berberine in patients with type 2 diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , <b>2008</b> , 57, 712-7	12.7	472
174	Mechanisms of insulin resistance in obesity. <i>Frontiers of Medicine</i> , <b>2013</b> , 7, 14-24	12	394
173	Reciprocal modulation of Toll-like receptor-4 signaling pathways involving MyD88 and phosphatidylinositol 3-kinase/AKT by saturated and polyunsaturated fatty acids. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 37041-51	5.4	391
172	Emerging role of adipose tissue hypoxia in obesity and insulin resistance. <i>International Journal of Obesity</i> , <b>2009</b> , 33, 54-66	5.5	387
171	A role of miR-27 in the regulation of adipogenesis. <i>FEBS Journal</i> , <b>2009</b> , 276, 2348-58	5.7	360
170	Berberine improves glucose metabolism through induction of glycolysis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2008</b> , 294, E148-56	6	284
169	Traditional chinese medicine in treatment of metabolic syndrome. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , <b>2008</b> , 8, 99-111	2.2	260
168	Inhibition of insulin sensitivity by free fatty acids requires activation of multiple serine kinases in 3T3-L1 adipocytes. <i>Molecular Endocrinology</i> , <b>2004</b> , 18, 2024-34		250
167	Role of reactive oxygen species and p53 in chromium(VI)-induced apoptosis. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 34974-80	5.4	216
166	Transcription factors NRF2 and NF- $\kappa$ B are coordinated effectors of the Rho family, GTP-binding protein RAC1 during inflammation. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 15244-58	5.4	203
165	Role of hypoxia in obesity-induced disorders of glucose and lipid metabolism in adipose tissue. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2009</b> , 296, E333-42	6	203
164	S6K directly phosphorylates IRS-1 on Ser-270 to promote insulin resistance in response to TNF-(alpha) signaling through IKK2. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 35375-82	5.4	203
163	Aspirin inhibits serine phosphorylation of insulin receptor substrate 1 in tumor necrosis factor-treated cells through targeting multiple serine kinases. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 24944-50	5.4	203
162	Berberine improves glucose metabolism in diabetic rats by inhibition of hepatic gluconeogenesis. <i>PLoS ONE</i> , <b>2011</b> , 6, e16556	3.7	172

161	Lack of SIRT1 (Mammalian Sirtuin 1) activity leads to liver steatosis in the SIRT1+/- mice: a role of lipid mobilization and inflammation. <i>Endocrinology</i> , <b>2010</b> , 151, 2504-14	4.8	166
160	Macrophage infiltration into adipose tissue may promote angiogenesis for adipose tissue remodeling in obesity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2008</b> , 295, E313-22	6	159
159	The nuclear factor YY1 suppresses the human gamma interferon promoter through two mechanisms: inhibition of AP1 binding and activation of a silencer element. <i>Molecular and Cellular Biology</i> , <b>1996</b> , 16, 4744-53	4.8	154
158	Sirtuin 1 (SIRT1) protein degradation in response to persistent c-Jun N-terminal kinase 1 (JNK1) activation contributes to hepatic steatosis in obesity. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 22227-34	4	146
157	Vanadate induces p53 transactivation through hydrogen peroxide and causes apoptosis. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 32516-22	5.4	142
156	GLP-1 receptor signaling is not required for reduced body weight after RYGB in rodents. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2014</b> , 306, R352-62	3.2	141
155	Chromium(VI)-induced nuclear factor-kappa B activation in intact cells via free radical reactions. <i>Carcinogenesis</i> , <b>1995</b> , 16, 2401-5	4.6	138
154	Regulation of PPARgamma function by TNF-alpha. <i>Biochemical and Biophysical Research Communications</i> , <b>2008</b> , 374, 405-8	3.4	136
153	Regulation of HIF-1{alpha} activity in adipose tissue by obesity-associated factors: adipogenesis, insulin, and hypoxia. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2011</b> , 300, E877-85	6	135
152	Uncoupling of inflammation and insulin resistance by NF-kappaB in transgenic mice through elevated energy expenditure. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 4637-44	5.4	125
151	Amino acids inhibit Agrp gene expression via an mTOR-dependent mechanism. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2007</b> , 293, E165-71	6	125
150	Regulation of nuclear translocation of HDAC3 by IkappaBalpha is required for tumor necrosis factor inhibition of peroxisome proliferator-activated receptor gamma function. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 4540-7	5.4	118
149	Sodium butyrate stimulates expression of fibroblast growth factor 21 in liver by inhibition of histone deacetylase 3. <i>Diabetes</i> , <b>2012</b> , 61, 797-806	0.9	112
148	Regulation of energy metabolism by inflammation: a feedback response in obesity and calorie restriction. <i>Aging</i> , <b>2010</b> , 2, 361-8	5.6	111
147	Molecular mechanism of tumor necrosis factor-alpha production in 1->3-beta-glucan (zymosan)-activated macrophages. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 20781-7	5.4	110
146	Coactivators and corepressors of NF-kappaB in IkappaB alpha gene promoter. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 21091-8	5.4	108
145	Inflammation during obesity is not all bad: evidence from animal and human studies. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2013</b> , 304, E466-77	6	104
144	Antioxidant properties of aspirin: characterization of the ability of aspirin to inhibit silica-induced lipid peroxidation, DNA damage, NF-kappaB activation, and TNF-alpha production. <i>Molecular and Cellular Biochemistry</i> , <b>1999</b> , 199, 93-102	4.2	103

143	Negative transcriptional regulation of the interferon-gamma promoter by glucocorticoids and dominant negative mutants of c-Jun. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 12548-56	5.4	102
142	Gradual loss of T-helper 1 populations in spleen of mice during progressive tumor growth. <i>Journal of the National Cancer Institute</i> , <b>1995</b> , 87, 1478-83	9.7	100
141	Inhibition of nuclear factor kappaB by phenolic antioxidants: interplay between antioxidant signaling and inflammatory cytokine expression. <i>Molecular Pharmacology</i> , <b>2003</b> , 64, 211-9	4.3	93
140	The role of hydroxyl radical as a messenger in Cr(VI)-induced p53 activation. <i>American Journal of Physiology - Cell Physiology</i> , <b>2000</b> , 279, C868-75	5.4	92
139	Vanadate-induced activation of activator protein-1: role of reactive oxygen species. <i>Carcinogenesis</i> , <b>1999</b> , 20, 663-8	4.6	88
138	Vanadium(IV)-mediated free radical generation and related 2Pdeoxyguanosine hydroxylation and DNA damage. <i>Toxicology</i> , <b>1996</b> , 106, 27-38	4.4	88
137	Impaired coordination of nutrient intake and substrate oxidation in melanocortin-4 receptor knockout mice. <i>Endocrinology</i> , <b>2004</b> , 145, 243-52	4.8	85
136	Effects and mechanisms of berberine in diabetes treatment. <i>Acta Pharmaceutica Sinica B</i> , <b>2012</b> , 2, 327-334	3.5	84
135	Chemokine Expression in Inflamed Adipose Tissue Is Mainly Mediated by NF- $\kappa$ B. <i>PLoS ONE</i> , <b>2013</b> , 8, e66515	3.7	84
134	Inhibition of transcriptional activity of c-JUN by SIRT1. <i>Biochemical and Biophysical Research Communications</i> , <b>2008</b> , 376, 793-6	3.4	84
133	Regulation of energy balance by inflammation: common theme in physiology and pathology. <i>Reviews in Endocrine and Metabolic Disorders</i> , <b>2015</b> , 16, 47-54	10.5	83
132	Cellular and molecular mechanisms of IFN-gamma production induced by IL-2 and IL-12 in a human NK cell line. <i>Journal of Leukocyte Biology</i> , <b>1995</b> , 58, 225-33	6.5	82
131	IKKbeta programs to turn on the GADD45alpha-MKK4-JNK apoptotic cascade specifically via p50 NF-kappaB in arsenite response. <i>Journal of Cell Biology</i> , <b>2006</b> , 175, 607-17	7.3	81
130	Sodium butyrate epigenetically modulates high-fat diet-induced skeletal muscle mitochondrial adaptation, obesity and insulin resistance through nucleosome positioning. <i>British Journal of Pharmacology</i> , <b>2015</b> , 172, 2782-98	8.6	79
129	Uncoupling of inflammation and insulin resistance by NF- $\kappa$ B in transgenic mice through elevated energy expenditure. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 803	5.4	78
128	Antioxidant properties of (-)-epicatechin-3-gallate and its inhibition of Cr(VI)-induced DNA damage and Cr(IV)- or TPA-stimulated NF-kappaB activation. <i>Molecular and Cellular Biochemistry</i> , <b>2000</b> , 206, 125-32	4.2	77
127	Adipose tissue vascularization: its role in chronic inflammation. <i>Current Diabetes Reports</i> , <b>2011</b> , 11, 203-10	3.6	71
126	Cr(IV) causes activation of nuclear transcription factor-kappa B, DNA strand breaks and dG hydroxylation via free radical reactions. <i>Journal of Inorganic Biochemistry</i> , <b>1999</b> , 75, 37-44	4.2	67

125	The role of hydroxyl radical as a messenger in the activation of nuclear transcription factor NF-kappaB. <i>Molecular and Cellular Biochemistry</i> , <b>1999</b> , 194, 63-70	4.2	67
124	Role of insulin in the pathogenesis of free fatty acid-induced insulin resistance in skeletal muscle. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , <b>2007</b> , 7, 65-74	2.2	66
123	Human adenovirus type 36 enhances glucose uptake in diabetic and nondiabetic human skeletal muscle cells independent of insulin signaling. <i>Diabetes</i> , <b>2008</b> , 57, 1805-13	0.9	64
122	Time course of pulmonary response of rats to inhalation of crystalline silica: NF-kappa B activation, inflammation, cytokine production, and damage. <i>Inhalation Toxicology</i> , <b>2002</b> , 14, 349-67	2.7	64
121	Obesity-associated Inflammation Induces microRNA-155 Expression in Adipocytes and Adipose Tissue: Outcome on Adipocyte Function. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 1615-26	5.6	62
120	Disruption of inducible 6-phosphofructo-2-kinase ameliorates diet-induced adiposity but exacerbates systemic insulin resistance and adipose tissue inflammatory response. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 3713-3721	5.4	61
119	Inactivation of NF-B p65 (RelA) in Liver Improves Insulin Sensitivity and Inhibits cAMP/PKA Pathway. <i>Diabetes</i> , <b>2015</b> , 64, 3355-62	0.9	60
118	Improving insulin sensitivity with HDAC inhibitor. <i>Diabetes</i> , <b>2013</b> , 62, 685-7	0.9	58
117	Inactivation of PKCtheta leads to increased susceptibility to obesity and dietary insulin resistance in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2007</b> , 292, E84-91	6	56
116	Vitamin D limits inflammation-linked microRNA expression in adipocytes in vitro and in vivo: A new mechanism for the regulation of inflammation by vitamin D. <i>Epigenetics</i> , <b>2018</b> , 13, 156-162	5.7	55
115	The regulation of the expression of inducible nitric oxide synthase by Src-family tyrosine kinases mediated through MyD88-independent signaling pathways of Toll-like receptor 4. <i>Biochemical Pharmacology</i> , <b>2005</b> , 70, 1231-40	6	55
114	Template to improve glycemic control without reducing adiposity or dietary fat. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2011</b> , 300, E779-89	6	54
113	Aging is associated with hypoxia and oxidative stress in adipose tissue: implications for adipose function. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2011</b> , 301, E599-607	6	52
112	Angiogenic deficiency and adipose tissue dysfunction are associated with macrophage malfunction in SIRT1-/- mice. <i>Endocrinology</i> , <b>2012</b> , 153, 1706-16	4.8	49
111	High-efficiency gene transfection of macrophages by lipoplexes. <i>International Journal of Pharmaceutics</i> , <b>2000</b> , 206, 97-104	6.5	49
110	Gene expression profile in response to chromium-induced cell stress in A549 cells. <i>Molecular and Cellular Biochemistry</i> , <b>2001</b> , 222, 189-197	4.2	48
109	Leptin deficient ob/ob mice and diet-induced obese mice responded differently to Roux-en-Y bypass surgery. <i>International Journal of Obesity</i> , <b>2015</b> , 39, 798-805	5.5	47
108	Vagal innervation of intestine contributes to weight loss After Roux-en-Y gastric bypass surgery in rats. <i>Obesity Surgery</i> , <b>2014</b> , 24, 2145-51	3.7	47

107	Overexpression of ErbB2 enhances ethanol-stimulated intracellular signaling and invasion of human mammary epithelial and breast cancer cells in vitro. <i>Oncogene</i> , <b>2003</b> , 22, 5281-90	9.2	47
106	Vanadate induces apoptosis in epidermal JB6 P+ cells via hydrogen peroxide-mediated reactions. <i>Molecular and Cellular Biochemistry</i> , <b>1999</b> , 202, 9-17	4.2	47
105	Regulation of stem cell differentiation in adipose tissue by chronic inflammation. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2011</b> , 38, 872-8	3	44
104	Dependence of NF-kappaB activation and free radical generation on silica-induced TNF-alpha production in macrophages. <i>Molecular and Cellular Biochemistry</i> , <b>1999</b> , 200, 119-25	4.2	44
103	Efficacy of dietary supplementation with botanicals on carbohydrate metabolism in humans. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , <b>2008</b> , 8, 78-81	2.2	43
102	Development and verification of a mouse model for Roux-en-Y gastric bypass surgery with a small gastric pouch. <i>PLoS ONE</i> , <b>2013</b> , 8, e52922	3.7	42
101	Regulation of insulin degrading enzyme activity by obesity-associated factors and pioglitazone in liver of diet-induced obese mice. <i>PLoS ONE</i> , <b>2014</b> , 9, e95399	3.7	40
100	One-electron reduction of chromium(VI) by alpha-lipoic acid and related hydroxyl radical generation, dG hydroxylation and nuclear transcription factor-kappaB activation. <i>Archives of Biochemistry and Biophysics</i> , <b>1997</b> , 338, 165-72	4.1	39
99	Induction of TNFalpha in macrophages by vanadate is dependent on activation of transcription factor NF-kappaB and free radical reactions. <i>Molecular and Cellular Biochemistry</i> , <b>1999</b> , 198, 193-200	4.2	39
98	Metabolic phenotypes and the gut microbiota in response to dietary resistant starch type 2 in normal-weight subjects: a randomized crossover trial. <i>Scientific Reports</i> , <b>2019</b> , 9, 4736	4.9	38
97	Retinoic acid-induced transcriptional modulation of the human interferon-gamma promoter. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 26783-93	5.4	38
96	Body Composition, Food Intake, and Energy Expenditure in a Murine Model of Roux-en-Y Gastric Bypass Surgery. <i>Obesity Surgery</i> , <b>2016</b> , 26, 2173-2182	3.7	38
95	Beneficial metabolic activities of inflammatory cytokine interleukin 15 in obesity and type 2 diabetes. <i>Frontiers of Medicine</i> , <b>2015</b> , 9, 139-45	12	37
94	Resistant starch from high amylose maize (HAM-RS2) and dietary butyrate reduce abdominal fat by a different apparent mechanism. <i>Obesity</i> , <b>2014</b> , 22, 344-8	8	37
93	Inactivation of NF-kappaB p50 leads to insulin sensitization in liver through post-translational inhibition of p70S6K. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 18368-76	5.4	37
92	Botanicals and the metabolic syndrome. <i>American Journal of Clinical Nutrition</i> , <b>2008</b> , 87, 481S-7S	7	37
91	Mitochondrial inhibitor as a new class of insulin sensitizer. <i>Acta Pharmaceutica Sinica B</i> , <b>2012</b> , 2, 341-349	15.5	36
90	Negative regulation of cytokine gene transcription. <i>FASEB Journal</i> , <b>1997</b> , 11, 825-33	0.9	36



89	On the mechanism of Cr (VI)-induced carcinogenesis: Dose dependence of uptake and cellular responses. <i>Molecular and Cellular Biochemistry</i> , <b>2001</b> , 222, 221-229	4.2	36
88	p85alpha acts as a novel signal transducer for mediation of cellular apoptotic response to UV radiation. <i>Molecular and Cellular Biology</i> , <b>2007</b> , 27, 2713-31	4.8	33
87	Restoration of GLP-1 secretion by Berberine is associated with protection of colon enterocytes from mitochondrial overheating in diet-induced obese mice. <i>Nutrition and Diabetes</i> , <b>2018</b> , 8, 53	4.7	32
86	Identification of a DNA binding site for the nuclear factor YY1 in the human GM-CSF core promoter. <i>Nucleic Acids Research</i> , <b>1994</b> , 22, 5672-8	20.1	31
85	Diet-induced obesity and insulin resistance are associated with brown fat degeneration in SIRT1-deficient mice. <i>Obesity</i> , <b>2016</b> , 24, 634-42	8	30
84	Reprogramming of defended body weight after Roux-En-Y gastric bypass surgery in diet-induced obese mice. <i>Obesity</i> , <b>2016</b> , 24, 654-60	8	30
83	Soy protein intake has sex-specific effects on the risk of metabolic syndrome in middle-aged and elderly Chinese. <i>Journal of Nutrition</i> , <b>2008</b> , 138, 2413-21	4.1	29
82	Cr(VI) increases tyrosine phosphorylation through reactive oxygen species-mediated reactions. <i>Molecular and Cellular Biochemistry</i> , <b>2001</b> , 222, 199-204	4.2	29
81	E4orf1 improves lipid and glucose metabolism in hepatocytes: a template to improve steatosis & hyperglycemia. <i>PLoS ONE</i> , <b>2012</b> , 7, e47813	3.7	29
80	RGC32 deficiency protects against high-fat diet-induced obesity and insulin resistance in mice. <i>Journal of Endocrinology</i> , <b>2015</b> , 224, 127-37	4.7	27
79	Resistant starch, fermented resistant starch, and short-chain fatty acids reduce intestinal fat deposition in <i>Caenorhabditis elegans</i> . <i>Journal of Agricultural and Food Chemistry</i> , <b>2010</b> , 58, 4744-8	5.7	27
78	Inhibition of glyceroneogenesis by histone deacetylase 3 contributes to lipodystrophy in mice with adipose tissue inflammation. <i>Endocrinology</i> , <b>2011</b> , 152, 1829-38	4.8	27
77	Obese ZDF rats fermented resistant starch with effects on gut microbiota but no reduction in abdominal fat. <i>Molecular Nutrition and Food Research</i> , <b>2017</b> , 61, 1501025	5.9	26
76	Differential requirement of signal pathways for benzo[a]pyrene (B[a]P)-induced nitric oxide synthase (iNOS) in rat esophageal epithelial cells. <i>Carcinogenesis</i> , <b>2005</b> , 26, 1035-43	4.6	26
75	Activation of mitogen-activated protein kinase p38 and extracellular signal-regulated kinase is involved in glass fiber-induced tumor necrosis factor-alpha production in macrophages. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 5360-7	5.4	26
74	Role of transcription factor NF-kappaB in asbestos-induced TNFalpha response from macrophages. <i>Experimental and Molecular Pathology</i> , <b>1999</b> , 66, 201-10	4.4	26
73	Anti-diabetic Effect of Flower Polyphenols Extract in Type 2 Diabetic Rats: Activation of Akt/GSK-3β and Inhibition of IRE1/XBP1 Pathways. <i>Frontiers in Endocrinology</i> , <b>2018</b> , 9, 586	5.7	25
72	Challenges in Drug Discovery for Thiazolidinedione Substitute. <i>Acta Pharmaceutica Sinica B</i> , <b>2011</b> , 1, 137-142	15.3	24

71	Eating in mice with gastric bypass surgery causes exaggerated activation of brainstem anorexia circuit. <i>International Journal of Obesity</i> , <b>2016</b> , 40, 921-8	5.5	24
70	Regulation of microbiota-GLP1 axis by sennoside A in diet-induced obese mice. <i>Acta Pharmaceutica Sinica B</i> , <b>2019</b> , 9, 758-768	15.5	23
69	Polyphenol-enriched extract of <i>Rosa rugosa</i> Thunb regulates lipid metabolism in diabetic rats by activation of AMPK pathway. <i>Biomedicine and Pharmacotherapy</i> , <b>2018</b> , 100, 29-35	7.5	21
68	Role of reactive oxygen species and Cr(VI) in Ras-mediated signal transduction. <i>Molecular and Cellular Biochemistry</i> , <b>2004</b> , 255, 119-27	4.2	21
67	Why do anti-inflammatory therapies fail to improve insulin sensitivity?. <i>Acta Pharmacologica Sinica</i> , <b>2012</b> , 33, 182-8	8	20
66	Inhibition of TNF-alpha gene expression and bioactivity by site-specific transcription factor-binding oligonucleotides. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2003</b> , 284, L388-94	5.8	20
65	In vivo adipogenesis in rats measured by cell kinetics in adipocytes and plastic-adherent stroma-vascular cells in response to high-fat diet and thiazolidinedione. <i>Diabetes</i> , <b>2012</b> , 61, 137-44	0.9	19
64	Regulation of 11βHSD1 expression during adipose tissue expansion by hypoxia through different activities of NF-κB and HIF-1α. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2013</b> , 304, E1035-41	6	19
63	A novel protein tyrosine phosphatase 1B inhibitor with therapeutic potential for insulin resistance. <i>British Journal of Pharmacology</i> , <b>2016</b> , 173, 1939-49	8.6	19
62	Intracellular ATP in balance of pro- and anti-inflammatory cytokines in adipose tissue with and without tissue expansion. <i>International Journal of Obesity</i> , <b>2017</b> , 41, 645-651	5.5	18
61	Hypoxia-inducible factor 1 activation from adipose protein 2-cre mediated knockout of von Hippel-Lindau gene leads to embryonic lethality. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2012</b> , 39, 145-50	3	18
60	Induction or suppression of expression of cytochrome C oxidase subunit II by heregulin beta 1 in human mammary epithelial cells is dependent on the levels of ErbB2 expression. <i>Journal of Cellular Physiology</i> , <b>2002</b> , 192, 225-33	7	18
59	Induction of triglyceride accumulation and mitochondrial maintenance in muscle cells by lactate. <i>Scientific Reports</i> , <b>2016</b> , 6, 33732	4.9	17
58	Interplay of pro- and anti-inflammatory cytokines to determine lipid accretion in adipocytes. <i>International Journal of Obesity</i> , <b>2013</b> , 37, 1490-8	5.5	17
57	P65 inactivation in adipocytes and macrophages attenuates adipose inflammatory response in lean but not in obese mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2015</b> , 308, E496-505	6.5	17
56	Reversible hyperphagia and obesity in rats with gastric bypass by central MC3/4R blockade. <i>Obesity</i> , <b>2014</b> , 22, 1847-53	8	17
55	Regulation of a cell type-specific silencer in the human interleukin-3 gene promoter by the transcription factor YY1 and an AP2 sequence-recognizing factor. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 26661-7	5.4	17
54	A multicenter consensus: A role of furin in the endothelial tropism in obese patients with COVID-19 infection. <i>Obesity Medicine</i> , <b>2020</b> , 19, 100281	2.6	17



53	Hypoxia-inducible factor (HIF): The link between obesity and COVID-19. <i>Obesity Medicine</i> , <b>2021</b> , 22, 1003-17	17
52	Roux-en-Y gastric bypass surgery is effective in fibroblast growth factor-21 deficient mice. <i>Molecular Metabolism</i> , <b>2016</b> , 5, 1006-1014	8.8 16
51	Regulation of hepatocyte growth factor expression by NF- $\kappa$ B and PPAR $\gamma$ in adipose tissue. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2014</b> , 306, E929-36	6 15
50	Inhibition of obesity-induced hepatic ER stress by early insulin therapy in obese diabetic rats. <i>Endocrine</i> , <b>2011</b> , 39, 235-41	4 15
49	Shilianhua extract inhibits GSK-3 $\beta$ and promotes glucose metabolism. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2009</b> , 296, E1275-80	6 15
48	Activation of AP-1 through the MAP kinase pathway: a potential mechanism of the carcinogenic effect of arenediazonium ions. <i>Chemical Research in Toxicology</i> , <b>2000</b> , 13, 1020-7	4 15
47	Induction of Posttranslational Modifications of Mitochondrial Proteins by ATP Contributes to Negative Regulation of Mitochondrial Function. <i>PLoS ONE</i> , <b>2016</b> , 11, e0150454	3.7 15
46	Transient hypoxia reprograms differentiating adipocytes for enhanced insulin sensitivity and triglyceride accumulation. <i>International Journal of Obesity</i> , <b>2016</b> , 40, 121-8	5.5 14
45	Induction of Energy Expenditure by Sitagliptin Is Dependent on GLP-1 Receptor. <i>PLoS ONE</i> , <b>2015</b> , 10, e0126177	3.7 14
44	Nuclear corepressor is required for inhibition of phosphoenolpyruvate carboxykinase expression by tumor necrosis factor- $\alpha$ . <i>Molecular Endocrinology</i> , <b>2007</b> , 21, 1630-41	13
43	Phosphorylation and degradation of S6K1 (p70S6K1) in response to persistent JNK1 Activation. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2013</b> , 1832, 1980-8	6.9 12
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