The role of TNFα and TNF receptors in obesity and insu

Journal of Internal Medicine 245, 621-625

DOI: 10.1046/j.1365-2796.1999.00490.x

Citation Report

#	Article	IF	CITATIONS
1	Research in biomedical gerontology in the Millennium. Reviews in Clinical Gerontology, 1999, 9, 291-296.	0.5	0
3	Dysregulation of IRS-proteins causes insulin resistance and diabetes. Current Opinion in Endocrinology, Diabetes and Obesity, 2000, 7, 1-7.	0.6	6
4	Tumour necrosis factor-alpha plasma level in patients with type 1 diabetes mellitus and its association with glycaemic control and cardiovascular risk factors. Journal of Internal Medicine, 2000, 248, 67-76.	2.7	149
5	TNF down-regulation of receptor tyrosine kinase-dependent mitogenic signal pathways as an important step in cytostasis induction and commitment to apoptosis of Kym-1 rhabdomyosarcoma cells. Cell Death and Differentiation, 2000, 7, 955-965.	5.0	12
6	Free radicals, cytokines and nitric oxide in cardiac failure and myocardial infarction. Molecular and Cellular Biochemistry, 2000, 215, 145-152.	1.4	94
7	Effects of dietary restriction on insulin resistance in obese mice. Age, 2000, 23, 95-101.	3.0	O
8	Obesity and insulin resistance. Journal of Clinical Investigation, 2000, 106, 473-481.	3.9	2,600
9	The c-Jun NH2-terminal Kinase Promotes Insulin Resistance during Association with Insulin Receptor Substrate-1 and Phosphorylation of Ser307. Journal of Biological Chemistry, 2000, 275, 9047-9054.	1.6	1,216
10	The Endocrine Function of the Fat Cell-Regulation by the Sympathetic Nervous System. Hormone and Metabolic Research, 2000, 32, 453-467.	0.7	23
11	Tumor Necrosis Factor α-Mediated Insulin Resistance, but Not Dedifferentiation, Is Abrogated by MEK1/2 Inhibitors in 3T3-L1 Adipocytes. Molecular Endocrinology, 2000, 14, 1557-1569.	3.7	119
12	Role of adipose tissue in body-weight regulation: mechanisms regulating leptin production and energy balance. Proceedings of the Nutrition Society, 2000, 59, 359-371.	0.4	269
13	Beneficial effect(s) of n-3 fatty acids in cardiovascular diseases: but, why and how?. Prostaglandins Leukotrienes and Essential Fatty Acids, 2000, 63, 351-362.	1.0	213
14	Therapeutic approaches to insulin resistance. Expert Opinion on Therapeutic Patents, 2000, 10, 1703-1709.	2.4	4
15	Control of pyruvate dehydrogenase kinase gene expression. Advances in Enzyme Regulation, 2001, 41, 269-288.	2.9	89
16	TNF-Â and Hyperandrogenism: A Clinical, Biochemical, and Molecular Genetic Study. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 3761-3767.	1.8	22
17	Insulin Signal Transduction in Skeletal Muscle From Glucose-Intolerant Relatives With Type 2 Diabetes. Diabetes, 2001, 50, 2770-2778.	0.3	77
18	Chromosomal Localization, Expression Pattern, and Promoter Analysis of the Mouse Gene Encoding Adipocyte-Specific Secretory Protein Acrp30. Biochemical and Biophysical Research Communications, 2001, 280, 1120-1129.	1.0	66
19	Differential Regulation of Adipocytokine mRNAs by Rosiglitazone in db/db Mice. Biochemical and Biophysical Research Communications, 2001, 286, 735-741.	1.0	134

#	Article	IF	Citations
20	Tumor Necrosis Factor $\hat{l}_{\pm}$ Is a Negative Regulator of Resistin Gene Expression and Secretion in 3T3-L1 Adipocytes. Biochemical and Biophysical Research Communications, 2001, 288, 1027-1031.	1.0	131
21	UPREGULATION OF BONE MORPHOGENETIC PROTEIN GDF-3/Vgr-2 EXPRESSION IN ADIPOSE TISSUE OF FABP4/aP2 NULL MICE. Cytokine, 2001, 14, 129-135.	1.4	35
22	Oxidant stress, anti-oxidants and essential fatty acids in South Indian vegetarians and non-vegetarians. Prostaglandins Leukotrienes and Essential Fatty Acids, 2001, 64, 53-59.	1.0	19
23	Hypothesis: can glucose-insulin-potassium regimen in combination with polyunsaturated fatty acids suppress lupus and other inflammatory conditions?. Prostaglandins Leukotrienes and Essential Fatty Acids, 2001, 65, 109-113.	1.0	12
24	The effect of leptin on Na+-H+ antiport (NHE 1) activity of obese and normal subjects erythrocytes. Molecular and Cellular Endocrinology, 2001, 183, 11-18.	1.6	32
25	Insulin resistance induced in dairy steers by tumor necrosis factor alpha is partially reversed by 2,4–thiazolidinedione. Domestic Animal Endocrinology, 2001, 21, 25-37.	0.8	39
26	Adiponectin gene expression is inhibited by $\hat{l}^2$ -adrenergic stimulation via protein kinase A in 3T3-L1 adipocytes. FEBS Letters, 2001, 507, 142-146.	1.3	233
27	New Perspectives into the Molecular Pathogenesis and Treatment of Type 2 Diabetes. Cell, 2001, 104, 517-529.	13.5	631
28	Adipose Tissue Resistin Expression Is Severely Suppressed in Obesity and Stimulated by Peroxisome Proliferator-activated Receptor Î <sup>3</sup> Agonists. Journal of Biological Chemistry, 2001, 276, 25651-25653.	1.6	363
29	Defective Insulin-Induced GLUT4 Translocation in Skeletal Muscle of High Fat-Fed Rats Is Associated With Alterations in Both Akt/Protein Kinase B and Atypical Protein Kinase C $(\hat{A}/\hat{A})$ Activities. Diabetes, 2001, 50, 1901-1910.	0.3	194
31	At the interface of environment-immune interactions: Cytokine and growth-factor receptors. Journal of Animal Science, 2001, 79, E268.	0.2	18
32	Acute Pain Induces Insulin Resistance in Humans. Anesthesiology, 2001, 95, 578-584.	1.3	140
33	Title is missing!. European Journal of Cardiovascular Prevention and Rehabilitation, 2001, 8, 139-146.	1.5	25
34	Peroxisome proliferator-activated receptors in endothelial cell biology. Current Opinion in Lipidology, 2001, 12, 511-518.	1.2	52
36	Tumor necrosis factor- $\hat{l}_{\pm}$ binding in porcine primary stromal-vascular cell cultures. In Vitro Cellular and Developmental Biology - Animal, 2001, 37, 303-309.	0.7	0
37	Adipocyte metabolism and the metabolic syndrome. Diabetes, Obesity and Metabolism, 2001, 3, 129-142.	2.2	25
38	The comorbidities of obesity. Practical Diabetes International: the International Journal for Diabetes Care Teams Worldwide, 2001, 18, 293-296.	0.2	2
39	Effect of rosiglitazone on glucose and non-esterified fatty acid metabolism in Type II diabetic patients. Diabetologia, 2001, 44, 2210-2219.	2.9	253

#	Article	IF	Citations
40	The accelerator hypothesis: weight gain as the missing link between Type I and Type II diabetes. Diabetologia, 2001, 44, 914-922.	2.9	503
41	The fat-derived hormone adiponectin reverses insulin resistance associated with both lipoatrophy and obesity. Nature Medicine, 2001, 7, 941-946.	15.2	4,370
42	C-reactive protein is independently associated with total body fat, central fat, and insulin resistance in adult women. International Journal of Obesity, 2001, 25, 1416-1420.	1.6	176
43	Protective effects of noradrenaline against tumor necrosis factor-α-induced apoptosis in cultured rat brown adipocytes: role of nitric oxide-induced heat shock protein 70 expression. International Journal of Obesity, 2001, 25, 1421-1430.	1.6	21
44	The hormone resistin links obesity to diabetes. Nature, 2001, 409, 307-312.	13.7	4,167
45	Muscleâ€derived interleukinâ€6: possible biological effects. Journal of Physiology, 2001, 536, 329-337.	1.3	442
46	The brain–lipid–heart connection. Nutrition, 2001, 17, 260-263.	1.1	20
47	Is insulin an antiinflammatory molecule?. Nutrition, 2001, 17, 409-413.	1.1	140
48	Is obesity an inflammatory condition?. Nutrition, 2001, 17, 953-966.	1.1	691
49	The Mechanisms by Which Both Heterozygous Peroxisome Proliferator-activated Receptor Î <sup>3</sup> (PPARÎ <sup>3</sup> ) Deficiency and PPARÎ <sup>3</sup> Agonist Improve Insulin Resistance. Journal of Biological Chemistry, 2001, 276, 41245-41254.	1.6	575
50	Pro-inflammatory cytokines and adipose tissue. Proceedings of the Nutrition Society, 2001, 60, 349-356.	0.4	794
51	TUMOR NECROSIS FACTOR-α BINDING IN PORCINE PRIMARY STROMAL–VASCULAR CELL CULTURES. In Vitro Cellular and Developmental Biology - Animal, 2001, 37, 303.	0.7	1
52	Euglycemic Clamp Study in Clozapine-Induced Diabetic Ketoacidosis. Annals of Pharmacotherapy, 2001, 35, 1381-1387.	0.9	40
53	TNF-α and Hyperandrogenism: A Clinical, Biochemical, and Molecular Genetic Study. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 3761-3767.	1.8	100
54	Tissue-specific overexpression of lipoprotein lipase causes tissue-specific insulin resistance. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 7522-7527.	3.3	628
55	Is Microalbuminuria an Integrated Risk Marker for Cardiovascular Disease and Insulin Resistance in Both Men and Women?. European Journal of Cardiovascular Prevention and Rehabilitation, 2001, 8, 139-146.	3.1	19
56	Obesity and its potential mechanistic basis. British Medical Bulletin, 2001, 60, 51-67.	2.7	62
58	Serine Phosphorylation of Insulin Receptor Substrate-1: A Novel Target for the Reversal of Insulin Resistance. Molecular Endocrinology, 2001, 15, 1864-1869.	3.7	94

#	ARTICLE	IF	CITATIONS
59	Hyperglycemia-induced Production of Acute Phase Reactants in Adipose Tissue. Journal of Biological Chemistry, 2001, 276, 42077-42083.	1.6	230
60	Synergistic Antiadipogenic Effects of HIV Type 1 Protease Inhibitors with Tumor Necrosis Factorα: Suppression of Extracellular Insulin Action Mediated by Extracellular Matrix-Degrading Proteases. AIDS Research and Human Retroviruses, 2001, 17, 1569-1584.	0.5	23
61	Humoral Regulation of Resistin Expression in 3T3-L1 and Mouse Adipose Cells. Diabetes, 2002, 51, 1737-1744.	0.3	195
62	Muscleâ€derived interleukinâ€6: mechanisms for activation and possible biological roles. FASEB Journal, 2002, 16, 1335-1347.	0.2	717
63	Stimulation of 3T3-L1 Adipogenesis by Signal Transducer and Activator of Transcription 5. Molecular Endocrinology, 2002, 16, 1565-1576.	3.7	79
64	Body Weight, the Tumor Necrosis Factor System, and Leptin Production during Treatment with Mirtazapine or Venlafaxine. Pharmacopsychiatry, 2002, 35, 220-225.	1.7	133
65	Exclusive Action of Transmembrane TNF $\hat{l}_{\pm}$ in Adipose Tissue Leads to Reduced Adipose Mass and Local But Not Systemic Insulin Resistance. Endocrinology, 2002, 143, 1502-1511.	1.4	86
66	Insulin and TNFα Induce Expression of the Forkhead Transcription Factor Gene <i>Foxc2</i> i>in 3T3-L1 Adipocytes via PI3K and ERK 1/2-Dependent Pathways. Molecular Endocrinology, 2002, 16, 873-883.	3.7	51
67	Abdominal fat distribution and peripheral and hepatic insulin resistance in type 2 diabetes mellitus. American Journal of Physiology - Endocrinology and Metabolism, 2002, 283, E1135-E1143.	1.8	207
68	Sex Steroid Biosynthesis in White Adipose Tissue. Hormone and Metabolic Research, 2002, 34, 731-736.	0.7	75
69	The neuroendocrine control of glucose allocation. Experimental and Clinical Endocrinology and Diabetes, 2002, 110, 199-211.	0.6	49
70	Human TNFâ€Î± in transgenic mice induces differential changes in redox status and glutathioneâ€regulating enzymes. FASEB Journal, 2002, 16, 1450-1452.	0.2	44
71	Isoproterenol is a positive regulator of the suppressor of cytokine signaling-3 gene expression in 3T3-L1 adipocytes. Journal of Endocrinology, 2002, 175, 727-733.	1.2	22
72	Decreased Plasma Adiponectin Concentrations in Women with Dyslipidemia. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 2764-2769.	1.8	472
73	Increased Lipolysis and Decreased Leptin Production by Human Omental as Compared With Subcutaneous Preadipocytes. Diabetes, 2002, 51, 2029-2036.	0.3	168
74	The Effect of Orlistat-Induced Weight Loss, Without Concomitant Hypocaloric Diet, on Cardiovascular Risk Factors and Insulin Sensitivity in Young Obese Chinese Subjects With or Without Type 2 Diabetes. Archives of Internal Medicine, 2002, 162, 2428.	4.3	57
75	Is Metabolic Syndrome X an Inflammatory Condition?. Experimental Biology and Medicine, 2002, 227, 989-997.	1.1	130
76	Metabolic impact of body fat distribution. Journal of Endocrinological Investigation, 2002, 25, 876-883.	1.8	93

#	Article	IF	Citations
77	Hormonal Regulation of Adiponectin Gene Expression in 3T3-L1 Adipocytes. Biochemical and Biophysical Research Communications, 2002, 290, 1084-1089.	1.0	603
78	Increased Plasma HB-EGF Associated with Obesity and Coronary Artery Disease. Biochemical and Biophysical Research Communications, 2002, 292, 781-786.	1.0	77
79	The Concurrent Accumulation of Intra-Abdominal and Subcutaneous Fat Explains the Association Between Insulin Resistance and Plasma Leptin Concentrations: Distinct Metabolic Effects of Two Fat Compartments. Diabetes, 2002, 51, 1005-1015.	0.3	362
80	The TNF $\hat{1}$ ±/G-308A polymorphism influences insulin sensitivity in offspring of patients with coronary heart disease. Atherosclerosis, 2002, 161, 317-325.	0.4	42
81	The Effect of Thiazolidinediones on Plasma Adiponectin Levels in Normal, Obese, and Type 2 Diabetic Subjects. Diabetes, 2002, 51, 2968-2974.	0.3	671
82	Antischizophrenic activity independent of dopamine D2 blockade. Expert Opinion on Therapeutic Targets, 2002, 6, 571-582.	1.5	8
83	Modificación de los mediadores inflamatorios en isquemia-reperfusión intestinal en un modelo de diabetes tipo 2. CirugÃa Española, 2002, 71, 276-286.	0.1	12
84	Serine Phosphorylation of Insulin Receptor Substrate 1 by Inhibitor κB Kinase Complex. Journal of Biological Chemistry, 2002, 277, 48115-48121.	1.6	640
85	Effect of metformin on adipose tissue resistin expression in db/db mice. Biochemical and Biophysical Research Communications, 2002, 298, 345-349.	1.0	47
86	The lipids that matter from infant nutrition to insulin resistance. Prostaglandins Leukotrienes and Essential Fatty Acids, 2002, 67, 1-12.	1.0	60
87	Decreases in serum uric acid by amelioration of insulin resistance in overweight hypertensive patients: effect of a low-energy diet and an insulin-sensitizing agent. American Journal of Hypertension, 2002, 15, 697-701.	1.0	80
88	Effects of TNF- $\hat{l}\pm$ on glucose metabolism and lipolysis in adipose tissue and isolated fat-cell preparations. Translational Research, 2002, 139, 140-146.	2.4	53
89	Pathogenesis of skeletal muscle insulin resistance in type 2 diabetes mellitus. American Journal of Cardiology, 2002, 90, 11-18.	0.7	297
90	Asymptomatic bacteriuria in elderly humans is associated with increased levels of circulating TNF receptors and elevated numbers of neutrophils. Experimental Gerontology, 2002, 37, 693-699.	1.2	29
91	Estrogen, statins, and polyunsaturated fatty acids: similarities in their actions and benefitsâ€"is there a common link?. Nutrition, 2002, 18, 178-188.	1.1	46
92	Is type 2 diabetes mellitus a disorder of the brain?. Nutrition, 2002, 18, 667-672.	1.1	34
94	Multiple symmetric lipomatosis may be the consequence of defective noradrenergic modulation of proliferation and differentiation of brown fat cells. Journal of Pathology, 2002, 198, 378-387.	2.1	68
95	Prevalence of obesity in a Canarian community. Association with type 2 diabetes mellitus: the GuÃa Study. European Journal of Clinical Nutrition, 2002, 56, 557-560.	1.3	23

#	Article	IF	Citations
96	Increased insulin sensitivity despite lipodystrophy in Crebbp heterozygous mice. Nature Genetics, 2002, 30, 221-226.	9.4	148
97	Resistin and Adiponectin Expression in Visceral Fat of Obese Rats: Effect of Weight Loss. Obesity, 2002, 10, 1095-1103.	4.0	166
98	The metabolic abnormalities associated with non-alcoholic fatty liver disease. Bailliere's Best Practice and Research in Clinical Gastroenterology, 2002, 16, 709-731.	1.0	115
99	Neuroprotective Effects of IGF-l against TNFα-Induced Neuronal Damage in HIV-Associated Dementia. Virology, 2003, 305, 66-76.	1.1	39
100	Muscle-derived interleukin-6: lipolytic, anti-inflammatory and immune regulatory effects. Pflugers Archiv European Journal of Physiology, 2003, 446, 9-16.	1.3	175
101	A perinatal strategy to prevent coronary heart disease. Nutrition, 2003, 19, 1022-1027.	1.1	59
102	On the significance of the role of cellular stress response reactions in the toxic actions of dioxin. Biochemical Pharmacology, 2003, 66, 527-540.	2.0	71
103	Circulating levels of TNF-alpha and IL-6-relation to truncal fat mass and muscle mass in healthy elderly individuals and in patients with type-2 diabetes. Mechanisms of Ageing and Development, 2003, 124, 495-502.	2.2	288
104	Fasting serum adiponectin concentration is reduced in Indo-Asian subjects and is related to HDL cholesterol. Diabetes, Obesity and Metabolism, 2003, 5, 131-135.	2.2	82
105	Pathophysiological implications of insulin resistance on vascular endothelial function. Diabetic Medicine, 2003, 20, 255-268.	1.2	234
106	The role of intramuscular lipid in insulin resistance. Acta Physiologica Scandinavica, 2003, 178, 373-383.	2.3	212
107	Predicting death from tumour necrosis factor-alpha and interleukin-6 in 80-year-old people. Clinical and Experimental Immunology, 2003, 132, 24-31.	1.1	238
108	Leisureâ€Time Physical Activity and Reduced Plasma Levels of Obesityâ€Related Inflammatory Markers. Obesity, 2003, 11, 1055-1064.	4.0	198
109	Endothelial Dysfunction in Obesity and Insulin Resistance: A Road to Diabetes and Heart Disease. Obesity, 2003, 11, 1278-1289.	4.0	329
110	Can perinatal supplementation of long-chain polyunsaturated fatty acids prevent diabetes mellitus?. European Journal of Clinical Nutrition, 2003, 57, 218-226.	1.3	39
111	Intramuscular Heat Shock Protein 72 and Heme Oxygenase-1 mRNA Are Reduced in Patients With Type 2 Diabetes: Evidence That Insulin Resistance Is Associated With a Disturbed Antioxidant Defense Mechanism. Diabetes, 2003, 52, 2338-2345.	0.3	310
113	Tumor necrosis factor–α–induced insulin resistance may mediate the hepatitis C virus–diabetes association. American Journal of Gastroenterology, 2003, 98, 2751-2756.	0.2	30
114	Insulin resistance is associated with chronic hepatitis C and virus infection fibrosis progression. Gastroenterology, 2003, 125, 1695-1704.	0.6	681

#	ARTICLE	IF	Citations
115	Tumor Necrosis Factor–α–Induced Insulin Resistance May Mediate The Hepatitis C Virus–Diabetes Association. American Journal of Gastroenterology, 2003, 98, 2751-2756.	0.2	131
116	Globular Adiponectin Protected ob/ob Mice from Diabetes and ApoE-deficient Mice from Atherosclerosis. Journal of Biological Chemistry, 2003, 278, 2461-2468.	1.6	783
117	Inflammatory Markers, Adiponectin, and Risk of Type 2 Diabetes in the Pima Indian. Diabetes Care, 2003, 26, 1745-1751.	4.3	309
118	Metabolic effects of dietary conjugated linoleic acid (CLA) isomers in rats. Nutrition Research, 2003, 23, 1691-1701.	1.3	17
119	Elevated levels of tumor necrosis factor alpha and mortality in centenarians. American Journal of Medicine, 2003, 115, 278-283.	0.6	270
120	Suppression of apolipoprotein Al gene expression in HepG2 cells by TNF $\hat{l}_{\pm}$ and IL- $\hat{l}_{\pm}^2$ . Biochimica Et Biophysica Acta - General Subjects, 2003, 1623, 120-128.	1.1	62
121	Adiponectin gene expression and secretion is inhibited by interleukin-6 in 3T3-L1 adipocytes. Biochemical and Biophysical Research Communications, 2003, 301, 1045-1050.	1.0	469
122	Disturbed secretion of mutant adiponectin associated with the metabolic syndrome. Biochemical and Biophysical Research Communications, 2003, 306, 286-292.	1.0	66
123	Positive and negative regulation of glucose uptake by hyperosmotic stress. Diabetes and Metabolism, 2003, 29, 566-575.	1.4	40
124	Age-related inflammatory cytokines and disease. Immunology and Allergy Clinics of North America, 2003, 23, 15-39.	0.7	504
125	Adiponectin: More Than Just Another Fat Cell Hormone?. Diabetes Care, 2003, 26, 2442-2450.	4.3	881
126	Human Recombinant Resistin Protein Displays a Tendency To Aggregate by Forming Intermolecular Disulfide Linkagesâ€. Biochemistry, 2003, 42, 10554-10559.	1.2	46
127	Matrix Metalloproteinases Are Differentially Expressed in Adipose Tissue during Obesity and Modulate Adipocyte Differentiation. Journal of Biological Chemistry, 2003, 278, 11888-11896.	1.6	379
128	Inflammation-Sensitive Plasma Proteins, Diabetes, and Mortality and Incidence of Myocardial Infarction and Stroke: A Population-Based Study. Diabetes, 2003, 52, 442-447.	0.3	138
129	GH is a positive regulator of tumor necrosis factor alpha-induced adipose related protein in 3T3-L1 adipocytes. Journal of Endocrinology, 2003, 178, 523-531.	1.2	24
130	Sexual Differentiation, Pregnancy, Calorie Restriction, and Aging Affect the Adipocyte-Specific Secretory Protein Adiponectin. Diabetes, 2003, 52, 268-276.	0.3	501
131	Tumor Necrosis Factor-α Inhibits Insulin's Stimulating Effect on Glucose Uptake and Endothelium-Dependent Vasodilation in Humans. Circulation, 2003, 108, 1815-1821.	1.6	159
132	Insulin-Lowering Agents in the Management of Polycystic Ovary Syndrome. Endocrine Reviews, 2003, 24, 633-667.	8.9	229

#	Article	IF	CITATIONS
133	Low Adiponectin Levels in Adolescent Obesity: A Marker of Increased Intramyocellular Lipid Accumulation. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 2014-2018.	1.8	172
134	Structure-Function Studies of the Adipocyte-secreted Hormone Acrp30/Adiponectin. Journal of Biological Chemistry, 2003, 278, 9073-9085.	1.6	941
135	Expression Profiling Identifies Genes That Continue to Respond to Insulin in Adipocytes Made Insulin-resistant by Treatment with Tumor Necrosis Factor-α. Journal of Biological Chemistry, 2003, 278, 52298-52306.	1.6	60
136	Adipocyte-selective Reduction of the Leptin Receptors Induced by Antisense RNA Leads to Increased Adiposity, Dyslipidemia, and Insulin Resistance. Journal of Biological Chemistry, 2003, 278, 45638-45650.	1.6	86
137	Inflammation-Sensitive Plasma Proteins Are Associated With Future Weight Gain. Diabetes, 2003, 52, 2097-2101.	0.3	229
138	Subcutaneous Adipose $11\hat{l}^2$ -Hydroxysteroid Dehydrogenase Type 1 Activity and Messenger Ribonucleic Acid Levels Are Associated with Adiposity and Insulinemia in Pima Indians and Caucasians. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 2738-2744.	1.8	229
139	Interleukin (IL)-6 mRNA Expression is Stimulated by Insulin, Isoproterenol, Tumour Necrosis Factor Alpha, Growth Hormone, and IL-6 in 3T3-L1 Adipocytes. Hormone and Metabolic Research, 2003, 35, 147-152.	0.7	132
140	Antisense Protein Tyrosine Phosphatase 1B Reverses Activation of p38 Mitogen-Activated Protein Kinase in Liver of ob/ob Mice. Molecular Endocrinology, 2003, 17, 1131-1143.	3.7	51
141	Thrombin, Inflammation, and Cardiovascular Disease. Chest, 2003, 124, 49S-57S.	0.4	86
142	The Effect of Leptin, Tumor Necrosis Factor-α (TNF-α), and Nitric Oxide (NO) Production on Insulin Resistance in Otsuka Long-Evans Fatty Rats. Endocrine Journal, 2003, 50, 673-680.	0.7	17
143	Effects of Radiation on Fatty Liver and Metabolic Coronary Risk Factors among Atomic Bomb Survivors in Nagasaki. Hypertension Research, 2003, 26, 965-970.	1.5	33
144	Reduction of Visceral Adiposity After Operation in a Subject with Insulinoma. Journal of Atherosclerosis and Thrombosis, 2004, 11, 209-214.	0.9	4
145	Obesity as the core of the metabolic syndrome and the management of coronary heart disease. Current Medical Research and Opinion, 2004, 20, 295-304.	0.9	104
146	$11\hat{l}^2$ -Hydroxysteroid Dehydrogenase Type $1$ Activity in Lean and Obese Males with Type $2$ Diabetes Mellitus. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 4755-4761.	1.8	153
147	Mechanisms of Hemorrhage-Induced Hepatic Insulin Resistance: Role of Tumor Necrosis Factor-α. Endocrinology, 2004, 145, 5168-5176.	1.4	39
148	Metabolic and Endocrine Effects of a Polyunsaturated Fatty Acid-Rich Diet in Polycystic Ovary Syndrome. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 615-620.	1.8	89
149	Chronic Obstructive Pulmonary Disease, Asthma, and Risk of Type 2 Diabetes in Women. Diabetes Care, 2004, 27, 2478-2484.	4.3	220
150	Hepatitis C Infection and Type 2 Diabetes in American-Indian Women. Diabetes Care, 2004, 27, 2116-2119.	4.3	36

#	Article	IF	CITATIONS
151	The Differential Effects of Metformin on Markers of Endothelial Activation and Inflammation in Subjects with Impaired Glucose Tolerance: A Placebo-Controlled, Randomized Clinical Trial. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 3943-3948.	1.8	130
152	Abnormal Glucose Homeostasis due to Chronic Hyperresistinemia. Diabetes, 2004, 53, 1937-1941.	0.3	182
153	Insulin resistance-inducing cytokines differentially regulate SOCS mRNA expression via growth factor- and Jak/Stat-signaling pathways in 3T3-L1 adipocytes. Journal of Endocrinology, 2004, 181, 129-138.	1.2	75
154	Tumor Necrosis Factor-α Inhibits Endothelial Nitric-oxide Synthase Gene Promoter Activity in Bovine Aortic Endothelial Cells. Journal of Biological Chemistry, 2004, 279, 963-969.	1.6	148
155	Fibrosis progression in chronic hepatitis C virus infection. Gut, 2004, 53, 318-321.	6.1	84
156	Adiponectin Is Related to CD146, a Novel Marker of Endothelial Cell Activation/Injury in Chronic Renal Failure and Peritoneally Dialyzed Patients. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 4620-4627.	1.8	52
157	Diabetes Is the Main Factor Accounting for the High Ferritin Levels Detected in Chronic Hepatitis C Virus Infection. Diabetes Care, 2004, 27, 2669-2675.	4.3	53
158	Protein Phosphatase 4 Interacts with and Down-regulates Insulin Receptor Substrate 4 following Tumor Necrosis Factor-α Stimulation. Journal of Biological Chemistry, 2004, 279, 46588-46594.	1.6	38
159	Effect of hyperglycemia and hyperinsulinemia on the response of IL-6, TNF-α, and FFAs to low-dose endotoxemia in humans. American Journal of Physiology - Endocrinology and Metabolism, 2004, 286, E766-E772.	1.8	111
160	Increased expression of resistin and tumour necrosis factor-alpha in pig adipose tissue as well as effect of feeding treatment on resistin and cAMP pathway. Diabetes, Obesity and Metabolism, 2004, 6, 271-279.	2.2	22
161	Involution of thymus and lymphoid depletion in mice expressing the hTNF transgene. Apmis, 2004, 112, 63-73.	0.9	4
162	Inflamed about obesity. Nature Medicine, 2004, 10, 126-127.	15.2	128
163	Inhibitor $\hat{I}^{o}B$ kinase is involved in the paracrine crosstalk between human fat and muscle cells. International Journal of Obesity, 2004, 28, 985-992.	1.6	41
164	Lowered Tumor Necrosis Factor Receptors, but Not Increased Insulin Sensitivity, with Infliximab. Obesity, 2004, 12, 734-739.	4.0	40
165	Non-Alcoholic Fatty Liver Disease, Non-Alcoholic Steatohepatitis and Orthotopic Liver Transplantation. American Journal of Transplantation, 2004, 4, 686-693.	2.6	186
166	Proinflammatory cytokines are increased in type 2 diabetic women with cardiovascular disease. Journal of Diabetes and Its Complications, 2004, 18, 343-351.	1.2	57
167	Decreased plasma adiponectin concentrations in women with gestational diabetes mellitus. American Journal of Obstetrics and Gynecology, 2004, 191, 2120-2124.	0.7	127
168	The Chronic Inflammatory Hypothesis for the Morbidity Associated with Morbid Obesity: Implications and Effects of Weight Loss. Obesity Surgery, 2004, 14, 589-600.	1.1	394

#	Article	IF	CITATIONS
169	Effects of fish oil on hypertension, plasma lipids, and tumor necrosis factor- $\hat{l}_{\pm}$ in rats with sucrose-induced metabolic syndrome. Journal of Nutritional Biochemistry, 2004, 15, 350-357.	1.9	87
170	Cardiovascular risk associated with the metabolic syndrome. Current Diabetes Reports, 2004, 4, 63-68.	1.7	88
171	Endothelial dysfunction, inflammation, and insulin resistance: A focus on subjects at risk for type 2 diabetes. Current Diabetes Reports, 2004, 4, 237-246.	1.7	93
172	Metabolic syndrome X: An inflammatory condition?. Current Hypertension Reports, 2004, 6, 66-73.	1.5	90
173	Free fatty acids promote hepatic lipotoxicity by stimulating TNF-α expression via a lysosomal pathway. Hepatology, 2004, 40, 185-194.	3.6	721
174	Nutritional Predictors and Modulators of Insulin Resistance. Journal of Nutritional and Environmental Medicine, 2004, 14, 3-16.	0.1	9
175	Genetic Basis of Metabolic Abnormalities in Polycystic Ovary Syndrome. Molecular Diagnosis and Therapy, 2004, 4, 93-107.	3.3	34
176	Alteration in insulin action: role of IRS-1 serine phosphorylation in the retroregulation of insulin signalling. Annales D'Endocrinologie, 2004, 65, 43-48.	0.6	44
177	Hepatitis C: A metabolic liver disease. Gastroenterology, 2004, 126, 917-919.	0.6	38
178	Hepatitis C virus infection and diabetes: direct involvement of the virus in the development of insulin resistance. Gastroenterology, 2004, 126, 840-848.	0.6	726
179	Discussion on prophylactic antibiotic use in severe acute pancreatitis: Hemlock, help, or hype?. Gastroenterology, 2004, 127, 1279.	0.6	2
180	Hepatitis C and diabetes mellitus: What is the metabolic pathway?. Gastroenterology, 2004, 127, 1279-1280.	0.6	1
181	Pharmacogenetics of antipsychotic-induced weight gain. Pharmacological Research, 2004, 49, 309-329.	3.1	69
182	Inflammatory Markers and the Risk of Coronary Heart Disease in Men and Women. New England Journal of Medicine, 2004, 351, 2599-2610.	13.9	1,032
183	Enzyme-linked immunosorbent assay for circulating human resistin: resistin concentrations in normal subjects and patients with type 2 diabetes. Clinica Chimica Acta, 2004, 339, 57-63.	0.5	141
184	AICAR stimulates adiponectin and inhibits cytokines in adipose tissue. Biochemical and Biophysical Research Communications, 2004, 316, 853-858.	1.0	105
185	ANGPTL3 is increased in both insulin-deficient and -resistant diabetic states. Biochemical and Biophysical Research Communications, 2004, 317, 1075-1079.	1.0	71
186	The methionine-choline deficient dietary model of steatohepatitis does not exhibit insulin resistance. Journal of Hepatology, 2004, 40, 47-51.	1.8	375

#	Article	IF	CITATIONS
187	Can brain dysfunction be a predisposing factor for metabolic syndrome?. Biomedicine and Pharmacotherapy, 2004, 58, S56-S68.	2.5	24
188	Mechanisms of acute myocardial infarction study (MAMIS). Biomedicine and Pharmacotherapy, 2004, 58, S111-S115.	2.5	37
189	Growth hormone is a positive regulator of adiponectin receptor 2 in 3T3-L1 adipocytes. FEBS Letters, 2004, 558, 27-32.	1.3	93
190	Interleukin-6 is a positive regulator of tumor necrosis factor α-induced adipose-related protein in 3T3-L1 adipocytes. FEBS Letters, 2004, 560, 153-157.	1.3	35
191	Effects of Long-Chain Fatty Acids on Cytosolic Triacylglycerol Accumulation and Lipid Droplet Formation in Primary Cultured Bovine Mammary Epithelial Cells. Journal of Dairy Science, 2004, 87, 2527-2534.	1.4	44
192	Peroxisome Proliferator Activator Receptors (PPAR), Insulin Resistance, and Cardiomyopathy. Cardiology in Review, 2004, 12, 158-170.	0.6	26
193	Obesity: epidemiology and clinical aspects. Bailliere's Best Practice and Research in Clinical Gastroenterology, 2004, 18, 1125-1146.	1.0	150
194	Dietary lipids and gene expression. Biochemical Society Transactions, 2004, 32, 999-1002.	1.6	33
196	Conjugated Linoleic Acid Deteriorates Insulin Resistance in Obese/Diabetic Mice in Association with Decreased Production of Adiponectin and Leptin. Journal of Nutritional Science and Vitaminology, 2004, 50, 416-421.	0.2	37
197	Fatty acids and the metabolic syndrome. Proceedings of the Nutrition Society, 2005, 64, 23-29.	0.4	80
198	Effects of Antidiabetic Treatment with Metformin and Insulin on Serum and Adipose Tissue Adiponectin Levels in db/db Mice. Endocrine Journal, 2005, 52, 427-433.	0.7	59
199	Gene expression of resistin and TNF-alpha in adipose tissue of Japanese Black steers and Holstein steers. Animal Science Journal, 2005, 76, 567-573.	0.6	5
200	Adiponectin levels among patients with chronic hepatitis B and C infections and in response to IFN-alpha therapy. Liver International, 2005, 25, 752-759.	1.9	29
201	Adiponectin: action, regulation and association to insulin sensitivity. Obesity Reviews, 2005, 6, 13-21.	3.1	569
202	Insulin downregulates M2-muscarinic receptors in adult rat atrial cardiomyocytes: a link between obesity and cardiovascular complications. International Journal of Obesity, 2005, 29, 176-182.	1.6	15
203	Cross talk between growth factors and viral and cellular factors alters neuronal signaling pathways: Implication for HIV-associated dementia. Brain Research Reviews, 2005, 50, 114-125.	9.1	20
204	Tumour necrosis factor $\hat{l}_{\pm}$ -induced adipose-related protein (TIARP): co-localization with caveolin-1. Biology of the Cell, 2005, 97, 339-347.	0.7	10
205	Glucose Intolerance Modifies the Inflammatory Response After Intestinal Ischemia-Reperfusion. World Journal of Surgery, 2005, 29, 1143-1150.	0.8	1

#	Article	IF	CITATIONS
206	The impact of laparoscopy on bariatric surgery. Surgical Endoscopy and Other Interventional Techniques, 2005, 19, 621-627.	1.3	27
207	Adiponectin and human pregnancy. Current Diabetes Reports, 2005, 5, 278-281.	1.7	80
208	Update of tnf-alpha antagonists and cardiovascular disease in rheumatoid arthritis. Current Rheumatology Reports, 2005, 7, 395-399.	2.1	4
209	Expression of adiponectin and its receptors in swine 1,2. Journal of Animal Science, 2005, 83, 565-578.	0.2	147
211	Kv1.3 potassium channel blockade as an approach to insulin resistance. Expert Opinion on Therapeutic Targets, 2005, 9, 571-579.	1.5	26
212	Adiponectin Inhibits Endothelial Synthesis of Interleukin-8. Circulation Research, 2005, 97, 1245-1252.	2.0	233
213	Enhanced Urinary Adiponectin Excretion in IgA-Nephropathy Patients with Proteinuria. Renal Failure, 2005, 27, 323-328.	0.8	17
214	Regulation of adiponectin receptor gene expression in diabetic mice. American Journal of Physiology - Endocrinology and Metabolism, 2005, 288, E876-E882.	1.8	86
215	Markers of Endothelial Cell Activation/Injury: CD146 and Thrombomodulin Are Related to Adiponectin in Kidney Allograft Recipients. American Journal of Nephrology, 2005, 25, 203-210.	1.4	29
216	Hormonal regulation of the novel adipocytokine visfatin in 3T3-L1 adipocytes. Journal of Endocrinology, 2005, 185, R1-R8.	1.2	139
217	Expression of Mfn2, the Charcot-Marie-Tooth Neuropathy Type 2A Gene, in Human Skeletal Muscle: Effects of Type 2 Diabetes, Obesity, Weight Loss, and the Regulatory Role of Tumor Necrosis Factor  and Interleukin-6. Diabetes, 2005, 54, 2685-2693.	0.3	334
218	Tumour necrosis factor- $\hat{l}\pm$ gene haplotype is associated with pre-eclampsia. Molecular Human Reproduction, 2005, 11, 437-440.	1.3	44
219	Genetics of polycystic ovary syndrome: searching for the way out of the labyrinth. Human Reproduction Update, 2005, 11, 631-643.	5.2	133
220	Characterization of differentiated subcutaneous and visceral adipose tissue from children. Journal of Lipid Research, 2005, 46, 93-103.	2.0	63
221	Adenovirus-Mediated High Expression of Resistin Causes Dyslipidemia in Mice. Endocrinology, 2005, 146, 273-279.	1.4	73
222	Childhood obesity, nutrition and metabolic health. , 2005, , 86-114.		0
223	Adipocytokine Changes Caused by Low-Carbohydrate Compared to Conventional Diets in Obesity. Metabolic Syndrome and Related Disorders, 2005, 3, 66-74.	0.5	18
224	Insulin and Leptin Resistance With Hyperleptinemia in Mice Lacking Androgen Receptor. Diabetes, 2005, 54, 1717-1725.	0.3	159

#	Article	IF	CITATIONS
225	Combined Effects of Dietary Protein Type and Fat Level on the Body Fat-Reducing Activity of Conjugated Linoleic Acid (CLA) in Rats. Bioscience, Biotechnology and Biochemistry, 2005, 69, 2409-2415.	0.6	13
226	A Prospective Study of Soluble Tumor Necrosis Factor-Â Receptor II (sTNF-RII) and Risk of Coronary Heart Disease Among Women With Type 2 Diabetes. Diabetes Care, 2005, 28, 1376-1382.	4.3	81
227	IRS-1 and Vascular Complications in Diabetes Mellitus. Vitamins and Hormones, 2005, 70, 25-67.	0.7	5
228	Elevated serum tumor necrosis factor alpha and ferritin may contribute to the insulin resistance found in HCV positive Egyptian patients. Current Medical Research and Opinion, 2005, 21, 527-533.	0.9	31
229	Complement C3 Is a Risk Factor for the Development of Diabetes: A Population-Based Cohort Study. Diabetes, 2005, 54, 570-575.	0.3	196
230	Role of Gas-6 in Adipogenesis and Nutritionally Induced Adipose Tissue Development in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 1002-1007.	1.1	38
231	Adiponectin, risk of coronary heart disease and correlations with cardiovascular risk markers. European Heart Journal, 2005, 26, 1640-1646.	1.0	161
232	Beta-cell function and insulin resistance evaluated by HOMA in pancreatic cancer subjects with varying degrees of glucose intolerance. Pancreatology, 2005, 5, 229-233.	0.5	62
233	Enhanced Urinary Adiponectin Excretion in IgA-Nephropathy Patients with Proteinuria. Renal Failure, 2005, 27, 323-328.	0.8	33
234	Adiponectin and Adiponectin Receptors. Endocrine Reviews, 2005, 26, 439-451.	8.9	2,215
235	Molecular mechanism(s) of burn-induced insulin resistance in murine skeletal muscle: Role of IRS phosphorylation. Life Sciences, 2005, 77, 3068-3077.	2.0	37
236	The study of anti-metabolic syndrome effect of puerarin in vitro. Life Sciences, 2005, 77, 3183-3196.	2.0	69
237	Isoproterenol, TNF $\hat{l}_{\pm}$ , and insulin downregulate adipose triglyceride lipase in 3T3-L1 adipocytes. Molecular and Cellular Endocrinology, 2005, 240, 43-49.	1.6	117
238	Role of PYK2 in the development of obesity and insulin resistance. Biochemical and Biophysical Research Communications, 2005, 334, 1085-1091.	1.0	15
239	Effect of PPAR-α and -γ agonist on the expression of visfatin, adiponectin, and TNF-α in visceral fat of OLETF rats. Biochemical and Biophysical Research Communications, 2005, 336, 747-753.	1.0	140
240	Positive and negative regulation of insulin signaling through IRS-1 phosphorylation. Biochimie, 2005, 87, 99-109.	1.3	742
241	A defect in the activity of Δ6 and Δ5 desaturases may be a factor predisposing to the development of insulin resistance syndrome. Prostaglandins Leukotrienes and Essential Fatty Acids, 2005, 72, 343-350.	1.0	119
242	Tumor necrosis factor alpha (TNF $\hat{i}$ t) and its soluble receptor p75 (sTNF-R p75) in familial combined hyperlipidemia (FCHL). Nutrition, Metabolism and Cardiovascular Diseases, 2005, 15, 262-269.	1.1	3

#	ARTICLE	IF	CITATIONS
243	Metabolic Syndrome and Adipokines. , 2005, , 233-251.		1
244	Role of PPARs in the Pathogenesis of the Metabolic Syndrome. , 2005, , 253-269.		0
245	Transgenic Animal Models and the Metabolic Syndrome. , 2005, , 67-82.		0
246	Adipose Tissue-Derived Factors: Impact on Health and Disease. Endocrine Reviews, 2006, 27, 762-778.	8.9	536
247	Regulating insulin signaling and β-cell function through IRS proteinsThis paper is one of a selection of papers published in this Special Issue, entitled Second Messengers and Phosphoproteins—12th International Conference Canadian Journal of Physiology and Pharmacology, 2006, 84, 725-737.	0.7	144
248	Moderate alcohol consumption and lower levels of inflammatory markers in US men and women. Atherosclerosis, 2006, 186, 113-120.	0.4	125
249	Energy restriction prevents the development of type 2 diabetes in Zucker diabetic fatty rats: coordinated patterns of gene expression for energy metabolism in insulin-sensitive tissues and pancreatic islets determined by oligonucleotide microarray analysis. Metabolism: Clinical and Experimental, 2006, 55, 43-52.	1.5	29
250	Inducible-NOS but not neuronal-NOS participate in the acute effect of TNF-α on hypothalamic insulin-dependent inhibition of food intake. FEBS Letters, 2006, 580, 4625-4631.	1.3	22
251	Comparison of two enzyme immunometric assays to measure tumor necrosis factor-alpha in human serum. Clinica Chimica Acta, 2006, 364, 349-353.	0.5	7
252	Genomic variants in polycystic ovary syndrome. Clinica Chimica Acta, 2006, 366, 14-26.	0.5	43
253	Mitochondrial free cholesterol loading sensitizes to TNF- and Fas-mediated steatohepatitis. Cell Metabolism, 2006, 4, 185-198.	7.2	537
254	High-fat emulsion-induced rat model of nonalcoholic steatohepatitis. Life Sciences, 2006, 79, 1100-1107.	2.0	184
255	Plasminogen activator inhibitor-1 expression and secretion are stimulated by growth hormone and interleukin-6 in 3T3-L1 adipocytes. Molecular and Cellular Endocrinology, 2006, 253, 56-62.	1.6	7
256	Insulin Resistance and the Metabolic Syndrome. , 2006, , 139-169.		0
257	Insulin Resistance in Equids: Possible Role in Laminitis. Journal of Nutrition, 2006, 136, 2094S-2098S.	1.3	106
258	Clinical Laboratory Tools to Diagnose Inflammation. Advances in Clinical Chemistry, 2006, 41, 189-229.	1.8	37
259	Increased visfatin concentrations in women with gestational diabetes mellitus. Clinical Science, 2006, 110, 605-609.	1.8	145
260	Association of Hepatitis C Virus Infection and Diabetes Mellitus. , 2006, 16, 41-48.		1

#	Article	IF	CITATIONS
262	Insulin resistance - a common link between type 2 diabetes and cardiovascular disease. Diabetes, Obesity and Metabolism, 2006, 8, 237-249.	2.2	102
263	The influences of hyperprolactinemia and obesity on cardiovascular risk markers: effects of cabergoline therapy. Clinical Endocrinology, 2006, 64, 060222010233005.	1.2	90
264	Journal of Internal Medicine: a journal for the future. Journal of Internal Medicine, 2006, 259, 1-2.	2.7	1
265	Cold Exposure Suppresses Serum Adiponectin Levels through Sympathetic Nerve Activation in Mice. Obesity, 2006, 14, 1132-1141.	1.5	80
266	Resistin Concentrations in Murine Adipose Tissue and Serum Measured by a New Enzyme Immunoassay. Obesity, 2006, 14, 199-205.	1.5	7
267	Adipocytes as regulators of energy balance and glucose homeostasis. Nature, 2006, 444, 847-853.	13.7	1,810
268	Stress, the Endoplasmic Reticulum, and Insulin Resistance. Annals of the New York Academy of Sciences, 2006, 1083, 63-76.	1.8	43
269	Association of Plasma Adiponectin Concentrations with Chronic Lymphocytic Leukemia and Myeloproliferative Diseases. International Journal of Hematology, 2006, 83, 254-258.	0.7	40
270	Bariatric Surgery Cannot Prevent Tryptophan Depletion Due to Chronic Immune Activation in Morbidly Obese Patients. Obesity Surgery, 2006, 16, 541-548.	1.1	78
271	Adipocyte-Derived Hormones, Cytokines, and Mediators. Endocrine, 2006, 29, 81-90.	2.2	208
272	Adverse Effects of Reactive Oxygen Species on Vascular Reactivity in Insulin Resistance. Antioxidants and Redox Signaling, 2006, 8, 1131-1140.	2.5	29
273	Early onset of subclinical atherosclerosis in women with gestational diabetes mellitus. Ultrasound in Obstetrics and Gynecology, 2006, 27, 177-182.	0.9	59
275	Molecular Basis of Obesity and the Risk for Cardiovascular Disease. Herz, 2006, 31, 200-206.	0.4	13
277	Polycystic Ovarian Syndrome. Journal of the Cardiometabolic Syndrome, 2006, 1, 125-132.	1.7	27
278	Skeletal muscle lipid metabolism and the adipomuscular axis. Future Lipidology, 2006, 1, 153-162.	0.5	5
279	Roles of Skeletal Muscle and Peroxisome Proliferator-Activated Receptors in the Development and Treatment of Obesity. Endocrine Reviews, 2006, 27, 318-329.	8.9	34
280	Orphan nuclear receptors: therapeutic opportunities in skeletal muscle. American Journal of Physiology - Cell Physiology, 2006, 291, C203-C217.	2.1	30
281	Promoter polymorphism in the macrophage migration inhibitory factor gene is associated with obesity. International Journal of Obesity, 2006, 30, 238-242.	1.6	26

#	Article	IF	CITATIONS
282	The Role of Adiponectin in Atherosclerosis and Thrombosis. Clinical and Applied Thrombosis/Hemostasis, 2006, 12, 163-168.	0.7	66
283	PAI-1 and the Metabolic Syndrome. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 2200-2207.	1.1	326
284	MCH-/- Mice Are Resistant to Aging-Associated Increases in Body Weight and Insulin Resistance. Diabetes, 2006, 55, 428-434.	0.3	60
285	Association between Plasma Adiponectin Concentration and Visceral Fat Accumulation in Hemodialysis Patients. Nephron Clinical Practice, 2006, 102, c8-c13.	2.3	32
286	Inflammatory Markers in Adults with Prader-Willi Syndrome before and during 12 Months Growth Hormone Treatment. Hormone Research in Paediatrics, 2006, 66, 27-32.	0.8	14
287	Cytokines in Type 2 Diabetes. Vitamins and Hormones, 2006, 74, 405-441.	0.7	10
288	Association between Circulating Tumor Necrosis Factor-Alpha, Interleukin-6, and Insulin Resistance in Normal-Weight Women with Polycystic Ovary Syndrome. Metabolic Syndrome and Related Disorders, 2006, 4, 122-128.	0.5	77
290	IRS-1 Serine Phosphorylation and Insulin Resistance in Skeletal Muscle From Pancreas Transplant Recipients. Diabetes, 2006, 55, 785-791.	0.3	47
291	Involvement of the PA28γ-Dependent Pathway in Insulin Resistance Induced by Hepatitis C Virus Core Protein. Journal of Virology, 2007, 81, 1727-1735.	1.5	121
292	Sarcopenic obesity and inflammation in the InCHIANTI study. Journal of Applied Physiology, 2007, 102, 919-925.	1.2	471
293	Chronic Immune Activation Underlies Morbid Obesity: Is IDO A Key Player?. Current Drug Metabolism, 2007, 8, 289-295.	0.7	100
294	Ceramide-Activated Protein Phosphatase Involvement in Insulin Resistance via Akt, Serine/Arginine-Rich Protein 40, and Ribonucleic Acid Splicing in L6 Skeletal Muscle Cells. Endocrinology, 2007, 148, 1359-1366.	1.4	50
295	Cellular Immunity and Inflammatory Mediator Responses to Intense Exercise in Overweight Children and Adolescents. Journal of Investigative Medicine, 2007, 55, 120-129.	0.7	25
296	TNF-α Alters Visfatin and Adiponectin Levels in Human Fat. Hormone and Metabolic Research, 2007, 39, 250-255.	0.7	113
297	Exacerbations of chronic obstructive pulmonary disease. European Respiratory Journal, 2007, 29, 1224-1238.	3.1	365
298	Eicosapentaenoic acid actions on adiposity and insulin resistance in control and high-fat-fed rats: role of apoptosis, adiponectin and tumour necrosis factor-α. British Journal of Nutrition, 2007, 97, 389-398.	1.2	191
299	Differential Gene Expression Profile in Omental Adipose Tissue in Women with Polycystic Ovary Syndrome. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 328-337.	1.8	155
300	Patents in Targets and Drugs for Insulin Resistance: Correlation with Inflammatory Mediators. Recent Patents on Endocrine, Metabolic & Immune Drug Discovery, 2007, 1, 247-254.	0.7	0

#	Article	IF	CITATIONS
301	Effect of a single high-fat meal on endothelial function in patients with the metabolic syndrome: Role of tumor necrosis factor-α. Nutrition, Metabolism and Cardiovascular Diseases, 2007, 17, 274-279.	1.1	56
302	The link between abdominal obesity, metabolic syndrome and cardiovascular disease. Nutrition, Metabolism and Cardiovascular Diseases, 2007, 17, 319-326.	1.1	538
303	Cytokine-effects on glucocorticoid receptor function: Relevance to glucocorticoid resistance and the pathophysiology and treatment of major depression. Brain, Behavior, and Immunity, 2007, 21, 9-19.	2.0	526
305	Tumor Necrosis Factor-α Induces Intestinal Insulin Resistance and Stimulates the Overproduction of Intestinal Apolipoprotein B48-Containing Lipoproteins. Diabetes, 2007, 56, 450-461.	0.3	93
306	Analysis of C-850T and G-308A Polymorphisms of the <i> Tumor Necrosis Factor &lt; <math>/</math>i &gt; <math>-1 \pm</math> Gene in Maya-Mestizo Women with Preeclampsia. Hypertension in Pregnancy, 2007, 26, 283-291.</i>	0.5	24
307	Gestational diabetes, inflammation, and late vascular disease. Journal of Endocrinological Investigation, 2007, 30, 873-879.	1.8	27
308	Obesity, Inflammation, and Periodontal Disease. Journal of Dental Research, 2007, 86, 400-409.	2.5	311
309	Tissue-Specific Effect of Dietary Cysteamine on Expression of Adiponectin Receptors in Rats. Journal of Agricultural and Food Chemistry, 2007, 55, 7968-7973.	2.4	1
310	Mental health, antipsychotics and hyperglycaemia. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2007, 1, 209-224.	1.8	1
311	Relationships among inflammatory cytokines, obesity, and insulin sensitivity in the horse1,2. Journal of Animal Science, 2007, 85, 1144-1155.	0.2	231
312	Protective Role of Trigonella hamosa Saponins Against Diabetic Perturbations and Complications in Rats. Natural Product Communications, 2007, 2, 1934578X0700200.	0.2	2
313	The implications of anthropometric, inflammatory and glycaemic control indices in the epidemiology of the metabolic syndrome given by different definitions: a classification analysis. Diabetes, Obesity and Metabolism, 2007, 9, 660-668.	2.2	16
314	$\hat{l}^2$ -adrenoceptor agonists downregulate adiponectin, but upregulate adiponectin receptor 2 and tumor necrosis factor- $\hat{l}$ ± expression in adipocytes. European Journal of Pharmacology, 2007, 569, 155-162.	1.7	58
315	Cytokine production and hospital mortality in patients with sepsis-induced stress hyperglycemia. Journal of Infection, 2007, 55, 340-346.	1.7	98
316	Perivascular fatty tissue at the brachial artery is linked to insulin resistance but not to local endothelial dysfunction. Diabetologia, 2008, 51, 2093-2099.	2.9	79
317	How does blood glucose control with metformin influence intensive insulin protocols? Evidence for involvement of oxidative stress and inflammatory cytokines. Advances in Therapy, 2008, 25, 681-702.	1.3	38
318	Extrahepatic hepatitis C virus after transplantation: Diabetes and renal dysfunction. Liver Transplantation, 2008, 14, S51-S57.	1.3	12
319	Elevated serum retinolâ€binding protein 4 concentrations are associated with renal dysfunction and uric acid in type 2 diabetic patients. Diabetes/Metabolism Research and Reviews, 2008, 24, 629-634.	1.7	22

#	Article	IF	CITATIONS
320	Hepatitis C virus infection: Molecular pathways to metabolic syndrome. Hepatology, 2008, 47, 2127-2133.	3.6	228
321	Relationship between body mass index and periodontitis in young Japanese adults. Journal of Periodontal Research, 2008, 43, 417-421.	1.4	80
322	Factors accounting for high ferritin levels in obesity. International Journal of Obesity, 2008, 32, 1665-1669.	1.6	62
323	Adiponectin and Resistin Response in the Onset of Obesity in Male and Female Rats. Obesity, 2008, 16, 723-730.	1.5	62
324	The effects of $\hat{l}^2$ 3-adrenoceptor agonist CL-316,243 on adiponectin, adiponectin receptors and tumor necrosis factor- $\hat{l}_\pm$ expressions in adipose tissues of obese diabetic KKAy mice. European Journal of Pharmacology, 2008, 584, 202-206.	1.7	30
325	Absence of an association of tumor necrosis factor (TNF)-alpha G308A, interleukin-6 (IL-6) G174C and interleukin-10 (IL-10) G1082A polymorphism in women with preeclampsia. Journal of Reproductive Immunology, 2008, 77, 85-90.	0.8	50
326	Independent and opposite associations of hip and waist circumference with metabolic syndrome components and with inflammatory and atherothrombotic risk factors in overweight and obese women. Metabolism: Clinical and Experimental, 2008, 57, 1315-1322.	1.5	25
327	Involvement of low adiponectin levels in impaired glucose tolerance. Metabolism: Clinical and Experimental, 2008, 57, 1350-1354.	1.5	8
328	Retinol-binding protein-4 in experimental and clinical metabolic disease. Expert Review of Molecular Diagnostics, 2008, 8, 289-299.	1.5	54
330	Chronic Kidney Disease: Pathophysiology and Influence of Dietary Protein. , 2008, , 2615-2669.		0
331	Effects of systemic inflammation on insulin sensitivity in horses and inflammatory cytokine expression in adipose tissue. American Journal of Veterinary Research, 2008, 69, 130-139.	0.3	64
332	Pathophysiology of Diabetes Mellitus Type 2: Roles of Obesity, Insulin Resistance and & Dysfunction. Frontiers in Diabetes, 2008, , 1-18.	0.4	18
333	Is the metabolic syndrome an intracellular Cushing state? Effects of multiple humoral factors on the transcriptional activity of the hepatic glucocorticoid-activating enzyme ( $11\hat{l}^2$ -hydroxysteroid) Tj ETQq0 0 0 rgBT/0 rgB	Ovuenslock ]	.04I£F 50 257
334	Inflammatory cytokines in insulin-treated patients with type 2 diabetes. Nutrition, Metabolism and Cardiovascular Diseases, 2008, 18, 471-476.	1.1	30
335	Inflammation as an intermediate pathway in the association between psychosocial stress and obesity. Physiology and Behavior, 2008, 94, 536-539.	1.0	49
336	Visfatin expression is not associated with adipose tissue abundance in the porcine model. Domestic Animal Endocrinology, 2008, 35, 58-73.	0.8	28
337	Adiponectin and its association with insulin resistance and type 2 diabetes. Journal of Genetics and Genomics, 2008, 35, 321-326.	1.7	100
338	Secretory products from human adipocytes impair endothelial function via nuclear factor îºB. Atherosclerosis, 2008, 196, 523-531.	0.4	33

#	Article	IF	Citations
339	Tissu adipeux viscéral et thrombose. Archives Des Maladies Du Coeur Et Des Vaisseaux - Pratique, 2008, 2008, 19-27.	0.0	O
340	Adiponectin multimers in maternal plasma. Journal of Maternal-Fetal and Neonatal Medicine, 2008, 21, 796-815.	0.7	41
341	<i>Chlamydophila pneumoniae</i> li>Inhibits Differentiation of Progenitor Adipose Cells and Impairs Insulin Signaling. Journal of Infectious Diseases, 2008, 197, 439-448.	1.9	12
342	Blockade of Tumor Necrosis Factor (TNF) Receptor Type 1-Mediated TNF-α Signaling Protected Wistar Rats from Diet-Induced Obesity and Insulin Resistance. Endocrinology, 2008, 149, 2943-2951.	1.4	74
343	Adipokinestargeting a root cause of cardiometabolic risk. QJM - Monthly Journal of the Association of Physicians, 2008, 101, 767-776.	0.2	28
344	Adipokines, Linking Adipocytes and Vascular Function in Hemodialyzed Patients, May Also Be Possibly Related to CD146, a Novel Adhesion Molecule. Clinical and Applied Thrombosis/Hemostasis, 2008, 14, 338-345.	0.7	9
345	Antagonism of tumour necrosis factor  in refractory asthma. Thorax, 2008, 63, 571-572.	2.7	4
346	Cytokines and $\hat{I}^2$ -Cell Biology: from Concept to Clinical Translation. Endocrine Reviews, 2008, 29, 334-350.	8.9	201
347	Trauma and Hemorrhage-Induced Acute Hepatic Insulin Resistance: Dominant Role of Tumor Necrosis Factor-α. Endocrinology, 2008, 149, 2369-2382.	1.4	42
348	How Insulin Receptor Substrate Proteins Regulate the Metabolic Capacity of the Liver - Implications for Health and Disease. Current Medicinal Chemistry, 2008, 15, 1316-1329.	1.2	115
349	Tumor necrosis factor- $\hat{l}$ ± directly stimulates the overproduction of hepatic apolipoprotein B100-containing VLDL via impairment of hepatic insulin signaling. American Journal of Physiology - Renal Physiology, 2008, 294, G1120-G1129.	1.6	52
350	Inflammation and Factors That May Regulate Inflammatory Response. Journal of Periodontology, 2008, 79, 1503-1507.	1.7	64
351	Pathogenesis of gestational diabetes mellitus. Series in Maternal-fetal Medicine, 2008, , 71-78.	0.1	1
352	Reflections on TORCH: Potential Mechanisms for the Survival Benefit of Salmeterol/Fluticasone Propionate in COPD Patients. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2008, 5, 369-375.	0.7	8
353	Clinical and coronary angiographic characteristics of patients with coronary slow flow. Acta Cardiologica, 2008, 63, 579-584.	0.3	73
354	Proinsulin C-peptide: Friend or foe in the development of diabetes-associated complications?. Vascular Health and Risk Management, 2008, Volume 4, 1283-1288.	1.0	15
355	Use of Obesity Biomarkers in Cardiovascular Epidemiology. Disease Markers, 2009, 26, 247-263.	0.6	24
356	IL-6 Deficiency Attenuates Murine Diet-Induced Non-Alcoholic Steatohepatitis. PLoS ONE, 2009, 4, e7929.	1.1	75

#	Article	IF	CITATIONS
357	Insulin resistance and steatosis in chronic hepatitis C. Annals of Hepatology, 2009, 8, S67-S75.	0.6	46
358	Interactions of Glucose Metabolism and Chronic Heart Failure. Experimental and Clinical Endocrinology and Diabetes, 2009, 117, 99-106.	0.6	16
359	Similarities and Differences in the Pathogenesis of Alcoholic and Nonalcoholic Steatohepatitis. Seminars in Liver Disease, 2009, 29, 200-210.	1.8	46
360	Reconsideration of Insulin Signals Induced by Improved Laboratory Animal Diets, Japanese and American Diets, in IRS-2 Deficient Mice. Experimental and Clinical Endocrinology and Diabetes, 2009, 117, 577-586.	0.6	16
361	Convergence of Hormones, Inflammation, and Energy-Related Factors: A Novel Pathway of Cancer Etiology. Cancer Prevention Research, 2009, 2, 922-930.	0.7	75
362	Age-Associated Increase in Cleaved Caspase 3 Despite Phosphorylation of IGF-1 Receptor in the Rat Retina. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2009, 64A, 1154-1159.	1.7	4
363	Luteolin, a foodâ€derived flavonoid, suppresses adipocyteâ€dependent activation of macrophages by inhibiting JNK activation. FEBS Letters, 2009, 583, 3649-3654.	1.3	70
364	Effect of Sub-deficient Zinc Status on Insulin Sensitivity after Burn Injury in Rats. Biological Trace Element Research, 2009, 127, 132-142.	1.9	4
365	Involvement of TNF- $\hat{l}_{\pm}$ in abnormal adipocyte and muscle sortilin expression in obese mice and humans. Diabetologia, 2009, 52, 932-940.	2.9	59
366	Risk factors for the development of diabetes mellitus in chronic hepatitis C virus genotype 4 infection. Journal of Gastroenterology and Hepatology (Australia), 2009, 24, 42-48.	1.4	40
367	Insulin resistance and amyloidogenesis as common molecular foundation for type 2 diabetes and Alzheimer's disease. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2009, 1792, 482-496.	1.8	291
368	Mineralocorticoid receptors in the metabolic syndrome. Trends in Endocrinology and Metabolism, 2009, 20, 444-451.	3.1	69
369	Flaxseed supplementation of rats during lactation changes the adiposity and glucose homeostasis of their offspring. Life Sciences, 2009, 85, 365-371.	2.0	19
370	Preventive effects of total flavonoids of Litsea coreana leve on hepatic steatosis in rats fed with high fat diet. Journal of Ethnopharmacology, 2009, 121, 54-60.	2.0	59
371	Enhanced free cholesterol, SREBP-2 and StAR expression in human NASH. Journal of Hepatology, 2009, 50, 789-796.	1.8	296
372	Health, treatment and health care resources consumption profile among Spanish adults with diabetes and chronic obstructive pulmonary disease. Primary Care Diabetes, 2009, 3, 141-148.	0.9	13
373	Acute hyperinsulinemia raises plasma interleukin-6 in both nondiabetic and type 2 diabetes mellitus subjects, and this effect is inversely associated with body mass index. Metabolism: Clinical and Experimental, 2009, 58, 860-866.	1.5	55
374	Navigating Between the Scylla and Charybdis of Prescribing Dietary Protein for Chronic Kidney Diseases. Annual Review of Nutrition, 2009, 29, 341-364.	4.3	23

#	Article	IF	Citations
376	Mitochondrial Dynamics in Mammalian Health and Disease. Physiological Reviews, 2009, 89, 799-845.	13.1	794
377	Positive and Negative Regulation of Insulin Signaling by Reactive Oxygen and Nitrogen Species. Physiological Reviews, 2009, 89, 27-71.	13.1	449
378	AMP-activated protein kinase pathway: a potential therapeutic target in cardiometabolic disease. Clinical Science, 2009, 116, 607-620.	1.8	139
379	Co-morbidities of COPD in primary care: frequency, relation to COPD, and treatment consequences. Primary Care Respiratory Journal: Journal of the General Practice Airways Group, 2010, 19, 326-334.	2.5	59
380	Efficacy of different doses of aspirin in decreasing blood levels of inflammatory markers in patients with cardiovascular metabolic syndrome. Journal of Pharmacy and Pharmacology, 2010, 61, 1505-1510.	1.2	37
381	Metabolic effects of obesity: A review. World Journal of Diabetes, 2010, 1, 76.	1.3	217
382	Metabolic Syndrome and HCV: Where Do We Stand in 2010?. Current Hepatitis Reports, 2010, 9, 133-139.	0.3	1
384	Effects of sitagliptin or metformin added to pioglitazone monotherapy in poorly controlled type 2 diabetes mellitus patients. Metabolism: Clinical and Experimental, 2010, 59, 887-895.	1.5	102
385	TNFα activation of PKCδ, mediated by NFκB and ER stress, cross-talks with the insulin signaling cascade. Cellular Signalling, 2010, 22, 274-284.	1.7	32
386	Differential inflammatory responses in aging and disease: TNF-α and IL-6 as possible biomarkers. Free Radical Biology and Medicine, 2010, 49, 733-737.	1.3	125
387	Diosgenin attenuates inflammatory changes in the interaction between adipocytes and macrophages. Molecular Nutrition and Food Research, 2010, 54, 797-804.	1.5	65
388	Fat Distribution, Aerobic Fitness, Blood Lipids, and Insulin Sensitivity in Africanâ€American and Europeanâ€American Women. Obesity, 2010, 18, 274-281.	1.5	50
389	Visfatin and endothelial function in dialyzed patients. Nephrology, 2010, 15, 190-196.	0.7	19
390	Tumor necrosis factor α, interleukinâ€6 and interleukinâ€10 polymorphisms in preeclampsia. Journal of Obstetrics and Gynaecology Research, 2010, 36, 64-71.	0.6	58
391	Current and emerging strategies for the treatment and management of systemic lupus erythematosus based on molecular signatures of acute and chronic inflammation. Journal of Inflammation Research, 2010, 3, 143.	1.6	53
392	Tumor Necrosis Factor-α Gene -308 G/A Polymorphism Modulates the Relationship between Dietary Fat Intake, Serum Lipids, and Obesity Risk in Black South African Women. Journal of Nutrition, 2010, 140, 901-907.	1.3	33
393	Lipocalin-2 Deficiency Attenuates Insulin Resistance Associated With Aging and Obesity. Diabetes, 2010, 59, 872-882.	0.3	252
394	Altered hepatic insulin signalling in male offspring of obese mice. Journal of Developmental Origins of Health and Disease, 2010, 1, 184-191.	0.7	24

#	Article	IF	CITATIONS
395	Comparison of orlistat treatment and placebo in obese type 2 diabetic patients. Expert Opinion on Pharmacotherapy, 2010, 11, 1971-1982.	0.9	32
396	FXR activation reverses insulin resistance and lipid abnormalities and protects against liver steatosis in Zucker (fa/fa) obese rats. Journal of Lipid Research, 2010, 51, 771-784.	2.0	363
397	Scorpion Venom and the Inflammatory Response. Mediators of Inflammation, 2010, 2010, 1-16.	1.4	178
398	2,3,7,8-Tetrachlorodibenzo-p-Dioxin Impairs an Insulin Signaling Pathway through the Induction of Tumor Necrosis Factor-α in Adipocytes. Toxicological Sciences, 2010, 115, 482-491.	1.4	45
399	Kv1.3: a potential pharmacological target for diabetes. Acta Pharmacologica Sinica, 2010, 31, 1031-1035.	2.8	22
400	Physical activity reduces circulating TNF-alpha but not pro-thrombotic factors levels in patients with metabolic syndrome. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2010, 4, 234-238.	1.8	3
401	Chronic Hepatitis C Is Associated With Peripheral Rather Than Hepatic Insulin Resistance. Gastroenterology, 2010, 138, 932-941.e3.	0.6	124
402	Obesity in Dogs and Cats: A Metabolic and Endocrine Disorder. Veterinary Clinics of North America - Small Animal Practice, 2010, 40, 221-239.	0.5	136
403	Deletion of tumor necrosis factor-î± receptor type 1 exacerbates insulin resistance and hepatic steatosis in aromatase knockout mice. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2010, 1801, 655-664.	1.2	10
404	Reduced serum vaspin concentrations in obese children following short-term intensive lifestyle modification. Clinica Chimica Acta, 2010, 411, 381-385.	0.5	40
405	Redox Control of Liver Function in Health and Disease. Antioxidants and Redox Signaling, 2010, 12, 1295-1331.	2.5	155
406	Regulation of IRS-2 signaling by IGF-1 receptor in the diabetic rat heart. Canadian Journal of Physiology and Pharmacology, 2010, 88, 553-561.	0.7	5
409	Circulating inflammatory markers in polycystic ovary syndrome: a systematic review and metaanalysis. Fertility and Sterility, 2011, 95, 1048-1058.e2.	0.5	396
410	The effect of hysterectomy or levonorgestrel-releasing intrauterine system on cardiovascular disease risk factors in menorrhagia patients: A 10-year follow-up of a randomised trial. Maturitas, 2011, 69, 354-358.	1.0	7
411	Chronic TNF-α Neutralization Does Not Improve Insulin Resistance or Endothelial Function in "Healthy― Men with Metabolic Syndrome. Molecular Medicine, 2011, 17, 189-193.	1.9	85
412	Insulin Resistance, Obesity, Hypertension, and Renal Sodium Transport. International Journal of Hypertension, 2011, 2011, 1-8.	0.5	91
413	Increase in Metabolic Syndrome-Related Hospitalizations in Relation to Environmental Sources of Persistent Organic Pollutants. International Journal of Environmental Research and Public Health, 2011, 8, 762-776.	1.2	6
414	Vinyl Isolator Breeding Induces Insulin Resistance in C57BL/6JJcl Mice. Experimental Animals, 2011, 60, 497-508.	0.7	1

#	Article	IF	CITATIONS
415	Hepatic steatosis and hepatitis C: Still unhappy bedfellows?. Journal of Gastroenterology and Hepatology (Australia), 2011, 26, 96-101.	1.4	42
416	Variation of inflammatory parameters after sibutramine treatment compared to placebo in type 2 diabetic patients. Journal of Clinical Pharmacy and Therapeutics, 2011, 36, 592-601.	0.7	11
417	Comparison between orlistat plus <scp>l</scp> â€carnitine and orlistat alone on inflammation parameters in obese diabetic patients. Fundamental and Clinical Pharmacology, 2011, 25, 642-651.	1.0	30
418	Effects of combination of sibutramine and l-carnitine compared with sibutramine monotherapy on inflammatory parameters in diabetic patients. Metabolism: Clinical and Experimental, 2011, 60, 421-429.	1.5	34
420	An early fish oil-enriched diet reverses biochemical, liver and adipose tissue alterations in male offspring from maternal protein restriction in mice. Journal of Nutritional Biochemistry, 2011, 22, 1009-1014.	1.9	40
421	Hepatitis C Virus Infection: Molecular Pathways to Insulin resistance. Virology Journal, 2011, 8, 474.	1.4	28
422	Exenatide or glimepiride added to metformin on metabolic control and on insulin resistance in type 2 diabetic patients. European Journal of Pharmacology, 2011, 666, 251-256.	1.7	64
423	Preliminary data on the association between waist circumference and insulin resistance in children without a previous diagnosis. European Journal of Pediatrics, 2011, 170, 35-43.	1.3	25
425	The -308 G/A polymorphism of the tumour necrosis factor- $\hat{l}\pm$ gene modifies the association between saturated fat intake and serum total cholesterol levels in white South African women. Genes and Nutrition, 2011, 6, 353-359.	1.2	16
426	Dietary Saury Oil Reduces Hyperglycemia and Hyperlipidemia in Diabetic KKAy Mice and in Dietâ€Induced Obese C57BL/6J Mice by Altering Gene Expression. Lipids, 2011, 46, 425-434.	0.7	28
427	Upregulation of PPARγ by <i>Aegle marmelos</i> Ameliorates Insulin Resistance and βâ€cell Dysfunction in High Fat Diet Fedâ€Streptozotocin Induced Type 2 Diabetic Rats. Phytotherapy Research, 2011, 25, 1457-1465.	2.8	55
428	Pharmacological inhibition of Kv1.3 fails to modulate insulin sensitivity in diabetic mice or human insulin-sensitive tissues. American Journal of Physiology - Endocrinology and Metabolism, 2011, 301, E380-E390.	1.8	14
429	Role of inhibitory κB kinase and c-Jun NH <sub>2</sub> -terminal kinase in the development of hepatic insulin resistance in critical illness diabetes. American Journal of Physiology - Renal Physiology, 2011, 301, G454-G463.	1.6	20
430	The Evil Axis of Obesity, Inflammation and Type-2 Diabetes. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2011, 11, 23-31.	0.6	41
431	Improved diabetic control in advanced heart failure patients treated with left ventricular assist devices. European Journal of Heart Failure, 2011, 13, 195-199.	2.9	58
432	Bezafibrate Restores the Inhibition of FSH-Induced Follicular Development and Steroidogenesis by Tumor Necrosis Factor-Alpha Through Peroxisome Proliferator-Activated Receptor-Gamma Pathway in an In Vitro Mouse Preantral Follicle Culture1. Biology of Reproduction, 2011, 85, 895-906.	1.2	10
433	Tumor Necrosis Factor Inhibits Glucocorticoid Receptor Function in Mice. Journal of Biological Chemistry, 2011, 286, 26555-26567.	1.6	61
434	Low Serum Adiponectin Levels in Children and Adolescents with Diabetic Retinopathy. Eurasian Journal of Medicine, 2011, 43, 18-22.	0.2	13

#	Article	IF	CITATIONS
435	Immunomodulatory Effects of Aerobic Training in Obesity. Mediators of Inflammation, 2011, 2011, 1-10.	1.4	22
436	Genetically modified mouse models for the study of nonalcoholic fatty liver disease. World Journal of Gastroenterology, 2012, 18, 1141.	1.4	66
437	Why do anti-inflammatory therapies fail to improve insulin sensitivity?. Acta Pharmacologica Sinica, 2012, 33, 182-188.	2.8	24
438	Protective effects of fractional extracts from <i>Panellus serotinus </i> on non-alcoholic fatty liver disease in obese, diabetic <i>db/db </i> mice. British Journal of Nutrition, 2012, 107, 639-646.	1.2	14
439	Vildagliptin action on some adipocytokine levels in type 2 diabetic patients: a 12-month, placebo-controlled study. Expert Opinion on Pharmacotherapy, 2012, 13, 2581-2591.	0.9	24
440	The risk of cancer in people with diabetes and chronic kidney disease. Nephrology Dialysis Transplantation, 2012, 27, 3337-3344.	0.4	31
441	Autophagy, signaling and obesity. Pharmacological Research, 2012, 66, 513-525.	3.1	63
442	Ghrelin and Muscle Metabolism in Chronic Uremia. , 2012, 22, 171-175.		13
443	Oral Health Behavior and Metabolic Syndrome and Its Components in Adults. Journal of Dental Research, 2012, 91, 479-484.	2.5	58
444	The adipocyte as an endocrine organ in the regulation of metabolic homeostasis. Neuropharmacology, 2012, 63, 57-75.	2.0	224
446	Interleukin 6, soluble tumor necrosis factor receptor I and red blood cell distribution width as biological markers of functional dependence in an elderly population: A translational approach. Cytokine, 2012, 58, 193-198.	1.4	89
447	Plasma leptin levels increase to a greater extent following on-pump coronary artery surgery in type 2 diabetic patients than in nondiabetic patients. Diabetes Research and Clinical Practice, 2012, 96, 371-378.	1.1	3
448	Preventive Effects of Flavonoid Extracts from <i><scp>I</scp>lex hainanensis</i> <scp>M</scp> err. on Rats with Hepatic Steatosis Induced by a Highâ∈Fat Diet. Drug Development Research, 2012, 73, 308-316.	1.4	6
449	Adiponectin and Reproduction. Vitamins and Hormones, 2012, 90, 187-209.	0.7	18
450	Reduced Histone H3K9 Acetylation of Clock Genes and Abnormal Glucose Metabolism in ob/ob Mice. Chronobiology International, 2012, 29, 982-993.	0.9	15
451	Prospective Associations Between Measures of Adiposity and Periodontal Disease. Obesity, 2012, 20, 1718-1725.	1.5	57
452	Metabolic syndrome: a brain disease. Canadian Journal of Physiology and Pharmacology, 2012, 90, 1171-1183.	0.7	44
454	Sorghum extract exerts an anti-diabetic effect by improving insulin sensitivity via PPAR-Î <sup>3</sup> in mice fed a high-fat diet. Nutrition Research and Practice, 2012, 6, 322.	0.7	62

#	Article	IF	Citations
455	Identification of intracellular peptides in rat adipose tissue: Insights into insulin resistance. Proteomics, 2012, 12, 2668-2681.	1.3	44
456	Long-term training induces a healthy inflammatory and endocrine emergent biomarker profile in elderly men. Age, 2012, 34, 761-771.	3.0	35
457	TNFÎ $\pm$ and SOCS3 regulate IRS-1 to increase retinal endothelial cell apoptosis. Cellular Signalling, 2012, 24, 1086-1092.	1.7	52
458	Chronic inflammation as predictor of 1â€year hospitalization and mortality in elderly population. European Journal of Clinical Investigation, 2012, 42, 1037-1046.	1.7	24
459	Low serum adiponectin concentrations are associated with insulin sensitivity independent of obesity in Sudanese subjects with type 2 diabetes mellitus. Diabetology and Metabolic Syndrome, 2013, 5, 15.	1.2	19
460	The role of innate immune cells in obese adipose tissue inflammation and development of insulin resistance. Thrombosis and Haemostasis, 2013, 109, 399-406.	1.8	77
461	Adipocytokine Levels in Obese and Non-obese Subjects: an Observational Study. Inflammation, 2013, 36, 914-920.	1.7	85
462	Effects of canrenone in patients with metabolic syndrome. Expert Opinion on Pharmacotherapy, 2013, 14, 2161-2169.	0.9	15
463	Lipoxins, resolvins, protectins, maresins and nitrolipids, and their clinical implications with specific reference to cancer: part I. Clinical Lipidology, 2013, 8, 437-463.	0.4	24
464	The influence of fenofibrate on lipid profile, endothelial dysfunction, and inflammatory markers in type 2 diabetes mellitus patients with typical and mixed dyslipidemia. Journal of Clinical Lipidology, 2013, 7, 446-453.	0.6	19
465	Dual regulation of adipose triglyceride lipase by pigment epithelium-derived factor: A novel mechanistic insight into progressive obesity. Molecular and Cellular Endocrinology, 2013, 377, 123-134.	1.6	38
466	NLRP3 and <scp>IL</scp> â€1 <i>β</i> in macrophages as critical regulators of metabolic diseases. Diabetes, Obesity and Metabolism, 2013, 15, 19-25.	2.2	58
467	Lipopolysaccharide inhibits the expression of resistin in adipocytes. Journal of Molecular Endocrinology, 2013, 51, 287-299.	1.1	9
468	Body composition and its association with cardiometabolic risk factors in the elderly: A focus on sarcopenic obesity. Archives of Gerontology and Geriatrics, 2013, 56, 270-278.	1.4	212
470	Role of leptin and adiponectin in insulin resistance. Clinica Chimica Acta, 2013, 417, 80-84.	0.5	473
471	MicroRNA-106b induces mitochondrial dysfunction and insulin resistance in C2C12 myotubes by targeting mitofusin-2. Molecular and Cellular Endocrinology, 2013, 381, 230-240.	1.6	84
473	Olive leaf down-regulates the oxidative stress and immune dysregulation in streptozotocin-induced diabetic mice. Nutrition Research, 2013, 33, 942-951.	1.3	29
474	Insulin resistance and adipogenesis: Role of transcription and secreted factors. Biochemistry (Moscow), 2013, 78, 8-18.	0.7	14

#	Article	IF	CITATIONS
475	Diabetes Mellitus and Inflammation. Current Diabetes Reports, 2013, 13, 435-444.	1.7	554
476	Class II Major Histocompatibility Complex Plays an Essential Role in Obesity-Induced Adipose Inflammation. Cell Metabolism, 2013, 17, 411-422.	7.2	325
477	Metabolic Syndrome and Insulin Resistance: Underlying Causes and Modification by Exercise Training. , 2013, 3, 1-58.		426
478	Lipoxins, resolvins, protectins, maresins and nitrolipids, and their clinical implications with specific reference to diabetes mellitus and other diseases: part II. Clinical Lipidology, 2013, 8, 465-480.	0.4	28
479	TRAIL (TNF-related apoptosis-inducing ligand) regulates adipocyte metabolism by caspase-mediated cleavage of PPARgamma. Cell Death and Disease, 2013, 4, e474-e474.	2.7	40
480	Variations in Inflammatory Biomarkers Following the Addition of Sitagliptin in Patients with Type 2 Diabetes not Controlled with Metformin. Internal Medicine, 2013, 52, 2179-2187.	0.3	30
481	Lipoprotein Lipase Activation Improve the Cachexia and Obesity. Journal of Obesity & Weight Loss Therapy, 2013, 03, .	0.1	3
482	ADIPONECTIN REGULATION IN TYPE 2 DIABETIC RATS: EFFECTS OF INSULIN, METFORMIN AND DEXAMETHASONE. American Journal of Pharmacology and Toxicology, 2013, 8, 197-208.	0.7	8
483	Potential roles of GPR120 and its agonists in the management of diabetes. Drug Design, Development and Therapy, 2014, 8, 1013.	2.0	34
484	Hepatitis C virus infection and type 1 and type 2 diabetes mellitus. World Journal of Diabetes, 2014, 5, 586.	1.3	83
485	Emerging roles for triggering receptor expressed on myeloid cells receptor family signaling in inflammatory diseases. Expert Review of Clinical Immunology, 2014, 10, 243-256.	1.3	73
486	Expression of toll-like receptor 4 in maternal monocytes of patients with gestational diabetes mellitus. Experimental and Therapeutic Medicine, 2014, 7, 236-240.	0.8	26
487	Metabolic syndrome: Performance of five different diagnostic criterias. Indian Journal of Endocrinology and Metabolism, 2014, 18, 496.	0.2	18
488	Sphingolipid regulators of cellular dysfunction in Type 2 diabetes mellitus: a systems overview. Clinical Lipidology, 2014, 9, 553-569.	0.4	12
489	The Relationship Between Iron Status and Adiposity in Women from Developing Countries: A Review. Critical Reviews in Food Science and Nutrition, 2014, 54, 553-560.	5.4	13
490	Signature of subclinical femoral artery atherosclerosis in peripheral blood mononuclear cells. European Journal of Clinical Investigation, 2014, 44, 539-548.	1.7	6
491	Relationship between impaired adipogenesis of retroperitoneal adipose tissue and hypertrophic obesity: role of endogenous glucocorticoid excess. Journal of Cellular and Molecular Medicine, 2014, 18, 1549-1561.	1.6	16
492	Tumor Necrosis Factor-Alpha and Polycystic Ovarian Syndrome: A Clinical, Biochemical, and Molecular Genetic Study. Genetic Testing and Molecular Biomarkers, 2014, 18, 605-609.	0.3	28

#	Article	IF	CITATIONS
493	Sitagliptin prevents aggravation of endocrine and exocrine pancreatic damage in the Zucker Diabetic Fatty rat - focus on amelioration of metabolic profile and tissue cytoprotective properties. Diabetology and Metabolic Syndrome, 2014, 6, 42.	1.2	23
494	Histological study on the effect of metformin on high-fat-diet-induced liver injury in adult male albino rats. Egyptian Journal of Histology, 2014, 37, 592-602.	0.0	1
495	Role of protein tyrosine phosphatases in the modulation of insulin signaling and their implication in the pathogenesis of obesity-linked insulin resistance. Reviews in Endocrine and Metabolic Disorders, 2014, 15, 79-97.	2.6	69
496	Diet and lifestyle factors modify immune/inflammation response genes to alter breast cancer risk and prognosis: The Breast Cancer Health Disparities Study. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2014, 770, 19-28.	0.4	24
497	Peroxisome Proliferator-Activated Receptor-Î <sup>3</sup> Agonists Prevent Tumor Necrosis Factor-α-Mediated Inhibition of FSH-Induced Follicle Development and Estradiol Production in a Preantral Follicle Culture System. Journal of Mammalian Ova Research, 2014, 31, 2-11.	0.1	1
498	TNFα Dynamics During the Oral Glucose Tolerance Test Vary According to the Level of Insulin Resistance in Pregnant Women. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 1862-1869.	1.8	34
499	Estimates of insulin sensitivity from the intravenous-glucose-modified-clamp test depend on suppression of lipolysis in type 2 diabetes: a randomised controlled trial. Diabetologia, 2014, 57, 2094-2102.	2.9	17
500	Processing, signaling, and physiological function of chemerin. IUBMB Life, 2014, 66, 19-26.	1.5	116
501	Hypertension in Obese Type 2 Diabetes Patients is Associated with Increases in Insulin Resistance and IL-6 Cytokine Levels: Potential Targets for an Efficient Preventive Intervention. International Journal of Environmental Research and Public Health, 2014, 11, 3586-3598.	1.2	67
502	Co-activator binding protein PIMT mediates TNF-α induced insulin resistance in skeletal muscle via the transcriptional down-regulation of MEF2A and GLUT4. Scientific Reports, 2015, 5, 15197.	1.6	25
503	Evaluating the impact of type 2 diabetes mellitus on cardiovascular risk in persons with metabolic syndrome using the UKPDS risk engine. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2015, 8, 437.	1.1	2
504	Diabetes and Hepatitis C: A Two-Way Association. Frontiers in Endocrinology, 2015, 6, 134.	1.5	84
505	Increased inflammation and decreased insulin sensitivity indicate metabolic disturbances in zoo-managed compared to free-ranging black rhinoceros (Diceros bicornis). General and Comparative Endocrinology, 2015, 217-218, 10-19.	0.8	27
506	The complex liaison between cachexia and tumor burden (Review). Oncology Reports, 2015, 34, 1635-1649.	1.2	14
507	Tomato extract suppresses the production of proinflammatory mediators induced by interaction between adipocytes and macrophages. Bioscience, Biotechnology and Biochemistry, 2015, 79, 82-87.	0.6	9
508	Clinical significance of serum ferritin level as an independent predictor of insulin resistance in Korean men. Diabetes Research and Clinical Practice, 2015, 107, 187-193.	1.1	10
509	The prevalence, awareness and potential of complementary alternative medicine in type 2 diabetics living in Madurai, India. European Journal of Integrative Medicine, 2015, 7, 469-473.	0.8	8
510	Glucose Metabolism in Critically Ill Patients. Journal of Intensive Care Medicine, 2015, 30, 201-208.	1.3	7

#	Article	IF	CITATIONS
511	Association of tumor necrosis factor- $\hat{l}\pm$ promoter G-308A gene polymorphism with increased triglyceride level of subjects with metabolic syndrome. Gene, 2015, 568, 81-84.	1.0	31
512	Assessment of cardiometabolic risk in children in population studies: underpinning developmental origins of health and disease mother–offspring cohort studies. Journal of Nutritional Science, 2015, 4, e12.	0.7	31
513	Influence of Acute and Chronic Exercise on Glucose Uptake. Journal of Diabetes Research, 2016, 2016, 1-33.	1.0	76
514	Oat products modulate the gut microbiota and produce anti-obesity effects in obese rats. Journal of Functional Foods, 2016, 25, 408-420.	1.6	38
515	Muscle dysfunction in type 2 diabetes: a major threat to patient's mobility and independence. Acta Diabetologica, 2016, 53, 879-889.	1.2	125
516	Therapy with resveratrol attenuates obesity-associated allergic airway inflammation in mice. International Immunopharmacology, 2016, 38, 298-305.	1.7	37
517	Increased risk of cognitive impairment in patients with components of metabolic syndrome. Medicine (United States), 2016, 95, e4791.	0.4	36
518	The contribution of different adipose tissue depots to plasma plasminogen activator inhibitor-1 (PAI-1) levels. Blood Reviews, 2016, 30, 421-429.	2.8	37
519	Sarcopenia, sarcopenic obesity and inflammation: Results from the 1999–2004 National Health and Nutrition Examination Survey. Clinical Nutrition, 2016, 35, 1472-1483.	2.3	112
520	Acute-phase proteins and incidence of diabetes: a population-based cohort study. Acta Diabetologica, 2016, 53, 981-989.	1.2	23
521	Comparison of clinical and biochemical variables in type 2 diabetes mellitus patients and their first-degree relatives with metabolic syndrome in Benin City, Nigeria: A cross sectional case controlled study. Endocrine Regulations, 2016, 50, 32-40.	0.5	4
522	Adiponectin, TNF- $\hat{l}\pm$ and inflammatory cytokines and risk of type 2 diabetes: A systematic review and meta-analysis. Cytokine, 2016, 86, 100-109.	1.4	321
523	Resveratrol ameliorates fibrosis and inflammation in a mouse model of nonalcoholic steatohepatitis. Scientific Reports, 2016, 6, 22251.	1.6	67
524	Association of gene polymorphisms of FV, FII, MTHFR, SERPINE1, CTLA4, IL10, and TNFalpha with pre-eclampsia in Chinese women. Inflammation Research, 2016, 65, 717-724.	1.6	26
525	Lipid signaling and lipotoxicity in metaflammation: indications for metabolic disease pathogenesis and treatment. Journal of Lipid Research, 2016, 57, 2099-2114.	2.0	340
526	Recent advances in understanding the role of adipocytokines during non-alcoholic fatty liver disease pathogenesis and their link with hepatokines. Expert Review of Gastroenterology and Hepatology, 2016, 10, 393-403.	1.4	25
527	Exercise and type 2 diabetes: focus on metabolism and inflammation. Immunology and Cell Biology, 2016, 94, 146-150.	1.0	182
528	Hyperglycemic Crises. , 2016, , 805-815.e3.		1

#	Article	IF	Citations
529	Adipose tissue biomarkers involved in early resolution of type 2 diabetes after bariatric surgery. Surgery for Obesity and Related Diseases, 2017, 13, 70-77.	1.0	6
530	TNF-alpha â^'308G/A and â^'238G/A polymorphisms and its protein network associated with type 2 diabetes mellitus. Saudi Journal of Biological Sciences, 2017, 24, 1195-1203.	1.8	25
531	Shortcuts to a functional adipose tissue: The role of small non-coding RNAs. Redox Biology, 2017, 12, 82-102.	3.9	70
532	Adipocyte C1QTNF5 expression is BMI-dependently related to early adipose tissue dysfunction and systemic CTRP5 serum levels in obese children. International Journal of Obesity, 2017, 41, 955-963.	1.6	13
533	Effect of ezetimibe on plasma adipokines: a systematic review and metaâ€analysis. British Journal of Clinical Pharmacology, 2017, 83, 1380-1396.	1.1	14
534	Serum TNF-α concentrations in type 2 diabetes mellitus patients and diabetic nephropathy patients: A systematic review and meta-analysis. Immunology Letters, 2017, 186, 52-58.	1.1	61
535	Tissue-Specific Dissociation of Diurnal Transcriptome Rhythms During Sleep Restriction in Mice. Sleep, 2017, 40, .	0.6	31
536	Antiâ€inflammatory signaling during ex vivo liver perfusion improves the preservation of pig liver grafts before transplantation. Liver Transplantation, 2017, 23, 707-708.	1.3	7
537	Midlife Metabolic Profile and the Risk of Late-Life Cognitive Decline. Journal of Alzheimer's Disease, 2017, 59, 121-130.	1.2	41
538	Circulating TNF receptors predict cardiovascular disease in patients with chronic kidney disease. Medicine (United States), 2017, 96, e6666.	0.4	33
539	Incidence and Predictors of Hypoglycemia 1 Year After Laparoscopic Sleeve Gastrectomy. Obesity Surgery, 2017, 27, 3179-3186.	1.1	31
540	Suksdorfin Promotes Adipocyte Differentiation and Improves Abnormalities in Glucose Metabolism via PPARÎ <sup>3</sup> Activation. Lipids, 2017, 52, 657-664.	0.7	11
541	Adipose Tissue Biology. , 2017, , .		7
542	Exposure to phthalates in patients with diabetes and its association with oxidative stress, adiponectin, and inflammatory cytokines. Environment International, 2017, 109, 53-63.	4.8	66
543	Association of Systemic Inflammation and Sarcopenia With Survival in Nonmetastatic Colorectal Cancer. JAMA Oncology, 2017, 3, e172319.	3.4	294
544	Proinflammatory Cytokines Mediate GPCR Dysfunction. Journal of Cardiovascular Pharmacology, 2017, 70, 61-73.	0.8	21
545	From obesity through immunity to type 2 diabetes mellitus. International Journal of Diabetes in Developing Countries, 2017, 37, 407-418.	0.3	5
546	Sarcopenic obesity or obese sarcopenia: A cross talk between age-associated adipose tissue and skeletal muscle inflammation as a main mechanism of the pathogenesis. Ageing Research Reviews, 2017, 35, 200-221.	5.0	483

#	Article	IF	CITATIONS
547	Omega-3 fatty acid EPA improves regenerative capacity of mouse skeletal muscle cells exposed to saturated fat and inflammation. Biogerontology, 2017, 18, 109-129.	2.0	41
548	Hepatitis C–Associated Diabetes Mellitus. , 0, , .		0
549	Effects of a Combination of Berberis aristata, Silybum marianum and Monacolin on Lipid Profile in Subjects at Low Cardiovascular Risk; A Double-Blind, Randomized, Placebo-Controlled Trial. International Journal of Molecular Sciences, 2017, 18, 343.	1.8	19
550	Is There a Role for Bioactive Lipids in the Pathobiology of Diabetes Mellitus?. Frontiers in Endocrinology, 2017, 8, 182.	1.5	42
551	Cucurbitacin E reduces obesity and related metabolic dysfunction in mice by targeting JAK-STAT5 signaling pathway. PLoS ONE, 2017, 12, e0178910.	1.1	28
552	Periaortic Adipose Tissue Compared With Peribrachial Adipose Tissue Mass as Markers and Possible Modulators of Cardiometabolic Risk. Angiology, 2018, 69, 854-860.	0.8	11
553	Polyphenol-rich green tea extract improves adipose tissue metabolism by down-regulating miR-335 expression and mitigating insulin resistance and inflammation. Journal of Nutritional Biochemistry, 2018, 57, 170-179.	1.9	67
554	Evidence for altered insulin receptor signaling in Alzheimer's disease. Neuropharmacology, 2018, 136, 202-215.	2.0	43
555	Arachidonic acid in health and disease with focus on hypertension and diabetes mellitus: A review. Journal of Advanced Research, 2018, 11, 43-55.	4.4	84
556	Risk factors and angiographic profile of coronary slow flow (CSF) phenomenon in North Indian population: An observational study. Indian Heart Journal, 2018, 70, 405-409.	0.2	21
557	Exposure to permethrin promotes high fat diet-induced weight gain and insulin resistance in male C57BL/6J mice. Food and Chemical Toxicology, 2018, 111, 405-416.	1.8	51
558	Adipose Organ Development and Remodeling. , 2018, 8, 1357-1431.		127
559	Periodontal, metabolic, and cardiovascular disease: Exploring the role of inflammation and mental health. Pteridines, 2018, 29, 124-163.	0.5	36
560	Effect of sub-toxic chlorpyrifos on redox sensitive kinases and insulin signaling in rat L6 myotubes. Journal of Diabetes and Metabolic Disorders, 2018, 17, 325-332.	0.8	5
561	Infliximab ameliorates tumor necrosis factorâ€alphaâ€induced insulin resistance by attenuating <scp>PTP</scp> 1B activation in 3T3L1 adipocytes in vitro. Scandinavian Journal of Immunology, 2018, 88, e12716.	1.3	16
562	Tumor Necrosis Factor-α in Heart Failure: an Updated Review. Current Cardiology Reports, 2018, 20, 117.	1.3	110
563	The Effect of Chronic Inflammation and Oxidative and Endoplasmic Reticulum Stress in the Course of Metabolic Syndrome and Its Therapy. Stem Cells International, 2018, 2018, 1-13.	1.2	50
564	Metabolic syndrome does not affect sustained virologic response of direct-acting antivirals while hepatitis C clearance improves hemoglobin A1c. World Journal of Hepatology, 2018, 10, 612-621.	0.8	15

#	Article	IF	CITATIONS
565	Cardioprotective and anti-inflammatory effects of G-protein coupled receptor 30 (GPR30) on postmenopausal type 2 diabetic rats. Biomedicine and Pharmacotherapy, 2018, 108, 153-164.	2.5	33
566	Stability and reproducibility of proteomic profiles measured with an aptamer-based platform. Scientific Reports, 2018, 8, 8382.	1.6	104
567	Epigenetics of Skeletal Muscle Aging., 2018,, 389-416.		10
568	Gender difference in the relationship between the ferritin and homeostasis model assessment of insulin resistance in non-diabetic Korean adults. PLoS ONE, 2018, 13, e0199465.	1.1	4
569	Inflammageing: chronic inflammation in ageing, cardiovascular disease, andÂfrailty. Nature Reviews Cardiology, 2018, 15, 505-522.	6.1	1,760
570	Rapid Detection of Tumor Necrosis Factor-Alpha Using Quantum Dot-Based Optical Aptasensor. IEEE Transactions on Nanobioscience, 2018, 17, 417-423.	2.2	21
571	Effects of TNF receptor blockade on in vitro cell survival and response to negative energy balance in dairy cattle. Journal of Animal Science and Biotechnology, 2018, 9, 6.	2.1	2
572	Proteomic Analysis of 3T3-L1 Adipocytes Treated with Insulin and TNF-α. Proteomes, 2019, 7, 35.	1.7	5
573	Ginsenoside Rg1 attenuates hepatic insulin resistance induced by high-fat and high-sugar by inhibiting inflammation. European Journal of Pharmacology, 2019, 854, 247-255.	1.7	37
575	Effective Cell Culture. Success in Academic Surgery, 2019, , 157-169.	0.1	0
576	Modulation of exercise training related adaptation of body composition and regulatory pathways by anabolic steroids. Journal of Steroid Biochemistry and Molecular Biology, 2019, 190, 44-53.	1.2	2
577	<i>Ascophyllum nodosum</i> and <i>Fucus vesiculosus</i> on glycemic status and on endothelial damage markers in dysglicemic patients. Phytotherapy Research, 2019, 33, 791-797.	2.8	16
578	Childhood Obesity: Exercise Physiologists' Perspective. , 2019, , 59-78.		0
581	Evaluating the association of TNF $\hat{l}\pm$ promoter haplotype with its serum levels and the risk of PCOS: A case control study. Cytokine, 2019, 114, 86-91.	1.4	15
582	Biochemical and molecular evidence on the role of vaspin in early detection of the insulin resistance in a rat model of high-fat diet and use of diazinon. Toxicology, 2019, 411, 1-14.	2.0	37
583	The relationship between insulin resistance, obesity, and endotrophin. International Journal of Diabetes in Developing Countries, 2020, 40, 191-195.	0.3	4
584	Adipose tissue dysfunction and metabolic disorders: Is it possible to predict who will develop type 2 diabetes mellitus? Role of markErs in the progreSsion of dlabeteS in obese paTleNts (The RESISTIN trial). Cytokine, 2020, 127, 154947.	1.4	27
585	The prevalence of sarcopenic obesity and its association with cognitive performance in type 2 diabetes in Singapore. Clinical Nutrition, 2020, 39, 2274-2281.	2.3	35

#	Article	IF	CITATIONS
586	The association of tumor necrosis factor alpha, lymphotoxin alpha, tumor necrosis factor receptor 1 and tumor necrosis factor receptor 2 gene polymorphisms and serum levels with periodontitis and type 2 diabetes in Serbian population. Archives of Oral Biology, 2020, 120, 104929.	0.8	3
587	The Molecular Mechanisms by Which Vitamin D Prevents Insulin Resistance and Associated Disorders. International Journal of Molecular Sciences, 2020, 21, 6644.	1.8	93
588	Interleukin $1$ Receptor $1$ Knockout and Maternal High Fat Diet Exposure Induces Sex-Specific Effects on Adipose Tissue Adipogenic and Inflammatory Gene Expression in Adult Mouse Offspring. Frontiers in Physiology, 2020, $11,601$ .	1.3	1
589	Palmitate Is Increased in the Cerebrospinal Fluid of Humans with Obesity and Induces Memory Impairment in Mice via Pro-inflammatory TNF-α. Cell Reports, 2020, 30, 2180-2194.e8.	2.9	80
590	Antisense Oligonucleotides as Potential Therapeutics for Type 2 Diabetes. Nucleic Acid Therapeutics, 2021, 31, 39-57.	2.0	15
591	Obesity-Linked Diseases (Comorbidities). , 2021, , 97-116.		2
592	Contributions of White and Brown Adipose Tissues to the Circadian Regulation of Energy Metabolism. Endocrinology, $2021,162,.$	1.4	21
593	Patterns of dyslipidemia amongst hypertensive patients in Abuja, North Central Nigeria. Pan African Medical Journal, 2021, 39, 11.	0.3	3
595	Progranulin promotes bone fracture healing via TNFR pathways in mice with type 2 diabetes mellitus. Annals of the New York Academy of Sciences, 2021, 1490, 77-89.	1.8	16
596	Association between the Frequency of Daily Toothbrushing and Development of Nonalcoholic Fatty Liver Disease. Digestive Diseases, 2021, 39, 646-652.	0.8	3
597	Attenuation of obesity related inflammation in RAW 264.7 macrophages and 3T3-L1 adipocytes by varanadi kashayam and identification of potential bioactive molecules by UHPLC-Q-Orbitrap HRMS. Archives of Physiology and Biochemistry, 2021, , 1-15.	1.0	0
598	Metabolic stress drives sympathetic neuropathy within the liver. Cell Metabolism, 2021, 33, 666-675.e4.	7.2	54
599	The role of autoimmunity in the pathophysiology of type 2 diabetes: Looking at the other side of the moon. Obesity Reviews, 2021, 22, e13231.	3.1	6
600	Association of the systemic host immune response with acute hyperglycemia in mechanically ventilated septic patients. PLoS ONE, 2021, 16, e0248853.	1.1	4
601	Brain insulin, insulinâ€like growth factor 1 and glucagonâ€like peptide 1 signalling in Alzheimer's disease. Journal of Neuroendocrinology, 2021, 33, e12959.	1.2	35
602	Obesity-related changes in the vascular actions of insulin. Endocrine and Metabolic Science, 2021, 2, 100075.	0.7	3
603	Use of Network Pharmacology to Explore the Mechanism of Gegen (Puerariae lobatae Radix) in the Treatment of Type 2 Diabetes Mellitus Associated with Hyperlipidemia. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-14.	0.5	18
604	Gluconeogenesis is reduced from alanine, lactate and pyruvate, but maintained from glycerol, in liver perfusion of rats with early and late sepsis. Cell Biochemistry and Function, 2021, 39, 754-762.	1.4	1

#	Article	IF	CITATIONS
605	Innate Immune Cells in the Adipose Tissue in Health and Metabolic Disease. Journal of Innate Immunity, 2022, 14, 4-30.	1.8	49
606	Exercise training and de-training effects on serum leptin and TNF- $\hat{l}\pm$ in high fat induced diabetic rats. Diabetology and Metabolic Syndrome, 2021, 13, 57.	1.2	7
607	The Role of Obesity in the Immunopathogenesis of COVID-19 Respiratory Disease and Critical Illness. American Journal of Respiratory Cell and Molecular Biology, 2021, 65, 13-21.	1.4	11
608	Endometrial Glucose Transporters in Health and Disease. Frontiers in Cell and Developmental Biology, 2021, 9, 703671.	1.8	9
609	Viral Hepatitis C. Molecular Pathology Library, 2011, , 569-588.	0.1	1
610	White Adipose Tissue., 2012,, 71-121.		2
611	White Adipose Tissue., 2017,, 149-199.		4
612	Obesity: epidemiology and clinical aspects. Bailliere's Best Practice and Research in Clinical Gastroenterology, 2004, 18, 1125-1146.	1.0	118
613	Title is missing!. , 0, .		33
614	Acute interleukin-6 administration does not impair muscle glucose uptake or whole-body glucose disposal in healthy humans. Journal of Physiology, 2003, 548, 631-638.	1.3	106
615	Polymorphism A36G of the tumor necrosis factor receptor 1 gene is associated with PAI-1 levels in obese women. Thrombosis and Haemostasis, 2007, 97, 62-66.	1.8	10
616	Insulin/IGF-1 and TNF-α stimulate phosphorylation of IRS-1 at inhibitory Ser307 via distinct pathways. Journal of Clinical Investigation, 2001, 107, 181-189.	3.9	508
617	Inhibition of RXR and PPAR $\hat{I}^3$ ameliorates diet-induced obesity and type 2 diabetes. Journal of Clinical Investigation, 2001, 108, 1001-1013.	3.9	251
618	Efficacy of different doses of aspirin in decreasing blood levels of inflammatory markers in patients with cardiovascular metabolic syndrome. Journal of Pharmacy and Pharmacology, 2009, 61, 1505-1510.	1.2	29
619	Combined Use of Serum Adiponectin and Tumor Necrosis Factor-Alpha Receptor 2 Levels Was Comparable to 2-Hour Post-Load Glucose in Diabetes Prediction. PLoS ONE, 2012, 7, e36868.	1.1	28
620	Soluble HMGB1 Is a Novel Adipokine Stimulating IL-6 Secretion through RAGE Receptor in SW872 Preadipocyte Cell Line: Contribution to Chronic Inflammation in Fat Tissue. PLoS ONE, 2013, 8, e76039.	1.1	76
621	Intravitreal Injection of IGFBP-3 Restores Normal Insulin Signaling in Diabetic Rat Retina. PLoS ONE, 2014, 9, e93788.	1.1	17
622	Skeletal Muscle Insulin Resistance and Absence of Inflammation Characterize Insulin-Resistant Grade I Obese Women. PLoS ONE, 2016, 11, e0154119.	1.1	32

#	Article	IF	CITATIONS
623	The Relationship between Serum Ferritin Levels and Insulin Resistance in Pre- and Postmenopausal Korean Women: KNHANES 2007–2010. PLoS ONE, 2016, 11, e0157934.	1.1	5
624	Polycystic Ovary Syndrome: The influence of environmental and genetic factors. Hormones, 2006, 5, 17-34.	0.9	104
625	The Effects of Obesity on Local and Circulating Levels of Tumor Necrosis Factor-α and Interleukin-6 in Patients with Chronic Periodontitis. Journal of Periodontology & Implant Dentistry, 2015, 7, 7-14.	0.0	2
626	Palmitic acid causes insulin resistance in granulosa cells via activation of JNK. Journal of Molecular Endocrinology, 2019, 62, 197-206.	1.1	15
627	Anti-Oxidative and Anti-Obesity Effect of Combined Extract and Individual Extract of Samjunghwan. Journal of Korean Medicine for Obesity Research, 2014, 14, 47-54.	0.7	10
628	Acute Effects of Dietary Fat on Inflammatory Markers and Gene Expression in First-Degree Relatives of Type 2 Diabetes Patients. Review of Diabetic Studies, 2011, 8, 477-489.	0.5	24
629	Pathophysiologic mechanisms of obesity- and chronic inflammation-related genes in etiology of polycystic ovary syndrome. Iranian Journal of Basic Medical Sciences, 2019, 22, 1378-1386.	1.0	11
630	IGF-IR in neuroprotection and brain tumors. Frontiers in Bioscience - Landmark, 2009, Volume, 352.	3.0	19
631	Capsanthin Inhibits both Adipogenesis in 3T3-L1 Preadipocytes and Weight Gain in High-Fat Diet-Induced Obese Mice. Biomolecules and Therapeutics, 2017, 25, 329-336.	1.1	18
632	Effect of Mild Intermittent Hypoxia on Glucose Tolerance, Muscle Morphology and AMPK-PGC-1α Signaling. Chinese Journal of Physiology, 2010, 53, 62-71.	0.4	24
633	High-Lard and High-Fish Oil Diets Differ in Their Effects on Insulin Resistance Development, Mitochondrial Morphology and Dynamic Behaviour in Rat Skeletal Muscle. Food and Nutrition Sciences (Print), 2013, 04, 105-112.	0.2	10
634	Lipoprotein lipase and obesity. Health, 2012, 04, 1405-1412.	0.1	3
635	Complement activation in obesity, insulin resistance, and type 2 diabetes mellitus. World Journal of Diabetes, 2020, 11, 1-12.	1.3	61
636	Effects of Pentoxifylline on Non-Alcoholic Steatohepatitis: A Randomized, Double-Blind, Placebo-Controlled Trial in Iran. Hepatitis Monthly, 2015, 15, e32418.	0.1	5
637	Effects of Pentoxifylline on Non-Alcoholic Steatohepatitis: A Randomized, Double-Blind, Placebo-Controlled Trial in Iran. Hepatitis Monthly, 2015, 15, e33462.	0.1	6
638	A Pilot Double-Blind Placebo-Controlled Randomized Clinical Trial to Investigate the Effects of Early Enteral Nutrients in Sepsis., 2021, 3, e550.		0
639	Tumor necrosis factor (TNF) inhibition in the treatment of vasculitis., 2001,, 41-63.		0
640	Metabolic Syndrome X and low-grade systemic inflammation. , 2002, , 61-93.		0

#	Article	IF	CITATIONS
641	Periodontitis and Systemic Disease-On the Basis of Periodontitis Pathogenesis Journal of Japanese Society of Periodontology, 2003, 45, 325-348.	0.1	2
644	Exercise, Cytokines, and Lymphocytes. , 2004, , 363-379.		1
645	The Role of Polymorphism of Adiponectin Gene in the Atherosclerosis. Journal of Korean Endocrine Society, 2005, 20, 8.	0.1	0
646	Puberty, Insulin Resistance, and Type 2 Diabetes. , 2005, , 175-196.		0
647	Body Size, Obesity, and Colorectal Cancer. Nutrition and Disease Prevention, 2005, , 233-243.	0.1	0
648	Obesity, Polycystic Ovary Syndrome, and Mood Disorders. Medical Psychiatry, 2006, , 189-216.	0.2	0
649	Regulation of Mitochondrial Fuel Handling by the Peroxisome Proliferator-Activated Receptors. , 2007, , 63-95.		0
650	The Relationship Between the Insulin Receptor Substrates and Metabolic Disease., 2008,, 255-278.		0
653	Association of adiponectin genotype (G276T) with obesity, insulin resistance, and cardiorespiratory fitness in young adults. Exercise Science, 2009, 18, 21-30.	0.1	0
654	Adipokines, Nutrition, and Obesity., 2010, , 419-432.		2
655	Pro-inflammatory Profiles of Indonesian Adult Men with Central Obesity: A Preliminary Study on TNF-alpha, sTNFR-2 and IL-1beta. Indonesian Biomedical Journal, 2010, 2, 66.	0.2	1
657	Health and Disease as Two Sides of the Same Coin. , 2011, , 11-13.		0
658	Physiology, pathophysiology, and aging. Series in Cosmetic and Laser Therapy, 2011, , 14-34.	0.0	0
659	Physiology, pathophysiology and aging. , 2011, , 14-34.		0
661	Adiponectin and Atherosclerosis. IOSR Journal of Pharmacy and Biological Sciences, 2013, 8, 32-35.	0.1	1
662	Sodium salicylate rescues inflammationâ€associated decrease in phosphorylatedâ€eNOSser1177 in human aortic endothelial cells through an AMPK dependent mechanism (LB706). FASEB Journal, 2014, 28, LB706.	0.2	O
663	Comparison of Conventional Inflammatory Parameters with Tumor Necrosis Factor- and #945; Levels in Different Stages of Diabetic Retinopathy and Non-Diabetic Controls. Medicine Science, 2015, 4, 2364.	0.0	0
664	STUDY OF SERUM ADIPONECTIN LEVELS IN TYPE 2 DIABETIC INDIVIDUALS & ITS COR R ELATION WITH BMI AND WAIST HIP RATIO. Journal of Evolution of Medical and Dental Sciences, 2015, 4, 826-834.	0.1	0

#	Article	IF	CITATIONS
665	Biochemistry of Serum and Saliva in Obese Individuals with Periodontitis: Case - Control Study. Journal of Oral and Dental Research, 2017, 4, 2-11.	0.0	0
666	The Prevention and Treatment of Type 2 Diabetes Mellitus with a Plant-Based Diet. Endocrinology&Metabolism International Journal, 2017, 5, .	0.1	0
667	Obesogens and Nuclear Receptors. Journal of Applied Biotechnology & Bioengineering, 2017, 4, .	0.0	0
669	The Liver and Insulin Resistance: The Important Convergence of Endocrinology and Hepatology. Contemporary Endocrinology, 2020, , 207-219.	0.3	0
670	Current Perspectives for Diabetes and Allostatic Load: The Role of Nutrition. Current Nutrition and Food Science, 2019, 15, 646-652.	0.3	2
671	Current advances in clinical pathophysiology in the study of the pathogenesis of type 1 and type 2 diabetes mellitus in humans. Mìžnarodnij EndokrinologìÄnij Žurnal, 2019, 15, 422-434.	0.1	2
672	The Liver and Insulin Resistance: The Important Convergence of Endocrinology and Hepatology. , 2008, , 229-244.		0
673	Demographic and clinical correlates of metabolic syndrome in Native African type-2 diabetic patients. Journal of the National Medical Association, 2005, 97, 557-63.	0.6	43
674	Comparative analysis of lipid profiles among patients with type 2 diabetes mellitus, hypertension and concurrent type 2 diabetes, and hypertension: a view of metabolic syndrome. Journal of the National Medical Association, 2003, 95, 328-34.	0.6	9
676	Tumor necrosis factor-related genes and colon and rectal cancer. International Journal of Molecular Epidemiology and Genetics, 2011, 2, 328-38.	0.4	18
677	Reduced insulin receptor signaling in retinal MÃ $^1\!\!/\!4$ ller cells cultured in high glucose. Molecular Vision, 2013, 19, 804-11.	1.1	29
678	$\hat{l}^21$ -adrenergic receptor stimulation by agonist Compound 49b restores insulin receptor signal transduction in vivo. Molecular Vision, 2014, 20, 872-80.	1.1	7
679	Serine 307 on insulin receptor substrate 1 is required for SOCS3 and TNF- $\hat{l}\pm$ signaling in the rMC-1 cell line. Molecular Vision, 2014, 20, 1463-70.	1.1	8
680	Extract Modulates Gene Expression, Hepatic and Renal Changes in a Rat Model of Type 2 Diabetes. Iranian Journal of Pharmaceutical Research, 2016, 15, 45-54.	0.3	16
681	Sphingolipid regulators of cellular dysfunction in Type 2 diabetes mellitus: a systems overview. Clinical Lipidology, 2014, 9, 553-569.	0.4	5
682	Prevalence, association with systemic inflammatory response syndrome and outcome of stress hyperglycaemia in sick cats. Journal of Small Animal Practice, 2022, 63, 197-202.	0.5	3
683	An update on mode of action of metformin in modulation of meta-inflammation and inflammaging. Pharmacological Reports, 2022, , 1.	1.5	12
684	The Influence of Obesity and Weight Loss on the Bioregulation of Innate/Inflammatory Responses: Macrophages and Immunometabolism. Nutrients, 2022, 14, 612.	1.7	6

#	Article	IF	CITATIONS
685	Association Between Systemic Inflammation and Malnutrition With Survival in Patients With Cancer Sarcopeniaâ€"A Prospective Multicenter Study. Frontiers in Nutrition, 2021, 8, 811288.	1.6	16
686	The Role of Bioactive Compounds from Dietary Spices in the Management of Metabolic Syndrome: An Overview. Nutrients, 2022, 14, 175.	1.7	8
688	Migraine, Brain Glucose Metabolism and the "Neuroenergetic―Hypothesis: A Scoping Review. Journal of Pain, 2022, 23, 1294-1317.	0.7	20
689	Protective effects of combining SERMs with estrogen on metabolic parameters in postmenopausal diabetic cardiovascular dysfunction: The role of cytokines and angiotensin II. Steroids, 2022, 183, 109023.	0.8	3
690	Expression of Circulating MicroRNAs and Myokines and Interactions with Serum Osteopontin in Type 2 Diabetic Patients with Moderate and Poor Glycemic Control: A Biochemical and Molecular Study. BioMed Research International, 2021, 2021, 1-17.	0.9	1
692	Berberine Improves TNF-α-Induced Hepatic Insulin Resistance by Targeting MEKK1/MEK Pathway. Inflammation, 2022, 45, 2016-2026.	1.7	7
693	Conjugated linoleic acid: a novel therapeutic nutrient?. Nutrition Research Reviews, 2001, 14, 173-88.	2.1	24
695	Antiretoviral Therapy and the Lipodystrophy Syndrome, Part 2: Concepts in Aetiopathogenesis. Antiviral Therapy, 2001, 6, 145-160.	0.6	54
696	Lipodystrophy in Patients with HIV-1 Infection: Effect of Stopping Protease Inhibitors on Tnf- $\hat{l}_{\pm}$ and Tnf-Receptor Levels, and on Metabolic Parameters. Antiviral Therapy, 2004, 9, 879-887.	0.6	6
697	P2X4 receptors mediate induction of antioxidants, fibrogenic cytokines and ECM transcripts; in presence of replicating HCV in in vitro setting: An insight into role of P2X4 in fibrosis. PLoS ONE, 2022, 17, e0259727.	1.1	1
698	Childhood obesity, nutrition and metabolic health., 0,, 86-114.		0
699	Biomarkers of dysfunctional visceral fat. Advances in Clinical Chemistry, 2022, , 1-30.	1.8	17
700	Stress-Induced Hyperglycemia: Consequences and Management. Cureus, 2022, , .	0.2	11
701	Aspirin, NSAIDs, and Colorectal Cancer: Possible Involvement in an Insulin-Related Pathway. Cancer Epidemiology Biomarkers and Prevention, 2004, 13, 538-545.	1.1	69
703	Combined systemic inflammatory immunity index and prognostic nutritional index scores as a screening marker for sarcopenia in patients with locally advanced gastric cancer. Frontiers in Nutrition, 0, 9, .	1.6	8
704	Relationship between Binge Eating Disorder (BED) and Development of Metabolic Syndrome (METs): A Systematic Review. Journal of Biosciences and Medicines, 2022, 10, 201-209.	0.1	0
706	Effects of antidiabetics and exercise therapy on suppressors of cytokine signaling-1, suppressors of cytokine signaling-3, and insulin receptor substrate-1 molecules in diabetes and obesity. Revista Da Associa $\tilde{A}$ § $\tilde{A}$ £o M $\tilde{A}$ $\tilde{B}$ dica Brasileira, 2023, 69, 112-118.	0.3	1
707	Association between oral health behavior and chronic diseases among middle-aged and older adults in Beijing, China. BMC Oral Health, 2023, 23, .	0.8	1

# Article IF Citations