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**Adiponectin and adiponectin receptors in insulin resistance, diabetes, and the metabolic syndrome**

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2100	Adipose tissue-derived factors: impact on health and disease. <b>2006</b> , 27, 762-78		473
2099	PGC1alpha expression is controlled in skeletal muscles by PPARbeta, whose ablation results in fiber-type switching, obesity, and type 2 diabetes. <b>2006</b> , 4, 407-14		282
2098	Oral administration of a zinc complex improves type 2 diabetes and metabolic syndromes. <b>2006</b> , 351, 165-70		73
2097	Increased hypothalamic 5-HT2A receptor gene expression and effects of pharmacologic 5-HT2A receptor inactivation in obese Ay mice. <b>2006</b> , 351, 1078-82		27
2096	Insulin resistance and pancreatic beta cell failure. <i>Journal of Clinical Investigation</i> , <b>2006</b> , 116, 1756-60	15.9	254
2095	Adipokines and gastrointestinal disease: authors' reply. <b>2006</b> , 24, 1129-1131		
2094	Mechanisms linking obesity to insulin resistance and type 2 diabetes. <b>2006</b> , 444, 840-6		3229
2093	Adipocytes as regulators of energy balance and glucose homeostasis. <b>2006</b> , 444, 847-53		1535
2092	Adiponectin versus angiotensin II: Key pathological role of their misbalance. <b>2006</b> , 70, 1678-9		5
2091	Hypertension, diabetes, insulin resistance, and postprandial hyperglycemia. <b>2006</b> , 67, 595-596		2
2090	Adiponectin-Dependent and -Independent Pathways in Insulin-Sensitizing and Antidiabetic Actions of Thiazolidinediones. <b>2006</b> , 55, S32-S38		12
2089	Previous hypertensive disease of pregnancy is associated with alterations of markers of insulin resistance. <b>2007</b> , 49, 1056-62		78
2088	Mitochondrial dysfunction due to long-chain Acyl-CoA dehydrogenase deficiency causes hepatic steatosis and hepatic insulin resistance. <b>2007</b> , 104, 17075-80		197
2087	Spatial regulation of Raf kinase signaling by RKTG. <b>2007</b> , 104, 14348-53		101
2086	Adiponectin decreases postprandially following a heat-processed meal in individuals with type 2 diabetes: an effect prevented by benfotiamine and cooking method. <b>2007</b> , 30, 2514-6		22
2085	Hypoxia is a potential risk factor for chronic inflammation and adiponectin reduction in adipose tissue of ob/ob and dietary obese mice. <b>2007</b> , 293, E1118-28		614
2084	Statin reverses reduction of adiponectin receptor expression in infarcted heart and in TNF-alpha-treated cardiomyocytes in association with improved glucose uptake. <b>2007</b> , 293, H3490-7		29

2083	Adipose mitochondrial biogenesis is suppressed in db/db and high-fat diet-fed mice and improved by rosiglitazone. <b>2007</b> , 56, 1751-60	245
2082	Variations in adiponectin receptor genes and susceptibility to type 2 diabetes in women: a tagging-single nucleotide polymorphism haplotype analysis. <b>2007</b> , 56, 1586-91	16
2081	Pioglitazone rapidly increases serum adiponectin levels in men with normal glucose tolerance. <b>2007</b> , 30, e48	6
2080	Lipotoxic and inflammatory phenotypes in rats with uncontrolled metabolic syndrome and nephropathy. <b>2007</b> , 293, F670-9	35
2079	Leptin:adiponectin ratio is an independent predictor of intima media thickness of the common carotid artery. <b>2007</b> , 38, 2844-6	142
2078	Relationships between serum adipokines, insulin levels, and bone density in girls with anorexia nervosa. <b>2007</b> , 92, 2046-52	148
2077	Relationships between desacylated and acylated ghrelin and insulin sensitivity in the metabolic syndrome. <b>2007</b> , 92, 3935-40	171
2076	Total and high molecular weight but not trimeric or hexameric forms of adiponectin correlate with markers of the metabolic syndrome and liver injury in Thai subjects. <b>2007</b> , 92, 4313-8	70
2075	Low dietary sodium and exogenous angiotensin II infusion decrease plasma adiponectin concentrations in healthy men. <b>2007</b> , 92, 1821-6	48
2074	Metformin/rosiglitazone combination pill (Avandamet) for the treatment of patients with Type 2 diabetes. <b>2007</b> , 8, 1353-64	11
2073	A role of lipin in human obesity and insulin resistance: relation to adipocyte glucose transport and GLUT4 expression. <b>2007</b> , 48, 201-6	64
2072	Benefits of lifestyle modification in NAFLD. <b>2007</b> , 56, 1760-9	169
2071	Adiponectin resistance exacerbates insulin resistance in insulin receptor transgenic/knockout mice. <b>2007</b> , 56, 1969-76	74
2070	Adiposity and cardiovascular disorders: disturbance of the regulatory system consisting of humoral and neuronal signals. <b>2007</b> , 101, 27-39	186
2069	Uncoupling protein-2 controls adiponectin gene expression in adipose tissue through the modulation of reactive oxygen species production. <b>2007</b> , 56, 1042-50	78
2068	Adiponectin secretion is regulated by SIRT1 and the endoplasmic reticulum oxidoreductase Ero1-L alpha. <b>2007</b> , 27, 4698-707	236
2067	Activation of nuclear factor-kappaB by high molecular weight and globular adiponectin. <b>2007</b> , 148, 5478-86	125
2066	Indapamide decreases plasma adiponectin concentration in patients with essential hypertension. <b>2007</b> , 30, 187-94	18

2065	Adiponectin in severe preeclampsia. <b>2007</b> , 35, 503-12	53
2064	Resistin: a hormone which induces insulin resistance is increased in normal pregnancy. <b>2007</b> , 35, 513-21	59
2063	Plasma adiponectin concentrations in non-pregnant, normal and overweight pregnant women. <b>2007</b> , 35, 522-31	63
2062	Increased adiponectin secretion by highly purified eicosapentaenoic acid in rodent models of obesity and human obese subjects. <b>2007</b> , 27, 1918-25	228
2061	Nonalcoholic fatty liver disease: from pathogenesis to patient care. <b>2007</b> , 3, 458-69	69
2060	Maslinic acid reduces blood glucose in KK-Ay mice. <b>2007</b> , 30, 2075-8	82
2059	Adiponectin inversely correlates with high sensitive C-reactive protein and triglycerides, but not with insulin sensitivity, in apparently healthy Japanese men. <b>2007</b> , 54, 553-8	19
2058	Increasing the fat-to-carbohydrate ratio in a high-fat diet prevents the development of obesity but not a prediabetic state in rats. <b>2007</b> , 113, 417-25	33
2057	Plasma vitamin C is inversely related to body mass index and waist circumference but not to plasma adiponectin in nonsmoking adults. <b>2007</b> , 137, 1757-62	66
2056	Adiponectin suppresses I $\kappa$ B kinase activation induced by tumor necrosis factor- $\alpha$ or high glucose in endothelial cells: role of cAMP and AMP kinase signaling. <b>2007</b> , 293, E1836-44	65
2055	Bibliography. Current world literature. Diabetes and the endocrine pancreas II. <b>2007</b> , 14, 329-57	
2054	Recent advances in the measurement of adiponectin isoform distribution. <b>2007</b> , 10, 571-5	32
2053	Biologie et physiopathologie du diabète de type 2. <b>2007</b> , 4, 1-12	4
2052	Differential impacts of adiponectin on low-grade albuminuria between obese and nonobese persons without diabetes. <b>2007</b> , 9, 775-82	50
2051	Diabetes mellitus and macrovascular disease: mechanisms and mediators. <b>2007</b> , 120, S12-7	167
2050	Attenuation of obesity-induced adipose tissue inflammation in C3H/HeJ mice carrying a Toll-like receptor 4 mutation. <b>2007</b> , 354, 45-9	179
2049	Selective purification and characterization of adiponectin multimer species from human plasma. <b>2007</b> , 356, 487-93	117
2048	Induction of human adiponectin gene transcription by telmisartan, angiotensin receptor blocker, independently on PPAR- $\gamma$ activation. <b>2007</b> , 356, 1024-30	32

2047	Effect of PPAR-delta agonist on the expression of visfatin, adiponectin, and resistin in rat adipose tissue and 3T3-L1 adipocytes. <b>2007</b> , 357, 62-7	36
2046	Phloretin enhances adipocyte differentiation and adiponectin expression in 3T3-L1 cells. <b>2007</b> , 361, 208-13	81
2045	Regular alcohol consumption improves insulin resistance in healthy Japanese men independent of obesity. <b>2007</b> , 382, 71-6	28
2044	Low serum adiponectin is independently associated with both the metabolic syndrome and angiographically determined coronary atherosclerosis. <b>2007</b> , 383, 97-102	18
2043	Adiponectin stimulates AMP-activated protein kinase in the hypothalamus and increases food intake. <b>2007</b> , 6, 55-68	583
2042	The emerging role of adipokines as mediators of inflammation and immune responses. <b>2007</b> , 18, 313-25	274
2041	Insulin resistance in hepatocytes and sinusoidal liver cells: mechanisms and consequences. <b>2007</b> , 47, 142-56	249
2040	The story of adiponectin and its receptors AdipoR1 and R2: to follow. <b>2007</b> , 47, 736-8	13
2039	The oligomeric structure of high molecular weight adiponectin. <b>2007</b> , 581, 809-14	67
2038	Capsaicin, a spicy component of hot peppers, modulates adipokine gene expression and protein release from obese-mouse adipose tissues and isolated adipocytes, and suppresses the inflammatory responses of adipose tissue macrophages. <b>2007</b> , 581, 4389-96	119
2037	Transcriptional coregulators in the control of energy homeostasis. <b>2007</b> , 17, 292-301	247
2036	Effects of pioglitazone on suppressor of cytokine signaling 3 expression: potential mechanisms for its effects on insulin sensitivity and adiponectin expression. <b>2007</b> , 56, 795-803	50
2035	Dietary combination of fucoxanthin and fish oil attenuates the weight gain of white adipose tissue and decreases blood glucose in obese/diabetic KK-Ay mice. <b>2007</b> , 55, 7701-6	243
2034	Adiponectin and cardiovascular disease: state of the art?. <b>2007</b> , 292, H1655-63	125
2033	Adiponectin. <b>2007</b> , 1, 51-54	
2032	Miglitol increases the adiponectin level and decreases urinary albumin excretion in patients with type 2 diabetes mellitus. <b>2007</b> , 56, 1458-63	29
2031	Adiponectin levels are associated with coronary artery disease across Caucasian and African-American ethnicity. <b>2007</b> , 149, 317-23	19
2030	The adipocyte as an active participant in energy balance and metabolism. <b>2007</b> , 132, 2103-15	208

2029	The current and future search for obesity genes. <b>2007</b> , 85, 1-2	6
2028	Adiponectin gene SNP 276G --> T, nutrient intakes, and cardiovascular disease risk in Korean type 2 DM patients. <b>2007</b> , 1, 363-70	12
2027	Fluvastatin reverses endothelial dysfunction and increased vascular oxidative stress in rat adjuvant-induced arthritis. <b>2007</b> , 56, 1827-35	62
2026	Is the metabolic syndrome a useful concept?. <b>2007</b> , 19, 208-210	
2025	Targeted disruption of AdipoR1 and AdipoR2 causes abrogation of adiponectin binding and metabolic actions. <b>2007</b> , 13, 332-9	1007
2024	Lipodystrophy in HIV 1-infected patients: lessons for obesity research. <b>2007</b> , 31, 1763-76	50
2023	Metabolic syndrome in youths. <b>2007</b> , 8 Suppl 9, 48-54	28
2022	Probing the mechanism of FET3 repression by Izh2p overexpression. <b>2007</b> , 1773, 1124-32	25
2021	beta-adrenoceptor agonists downregulate adiponectin, but upregulate adiponectin receptor 2 and tumor necrosis factor-alpha expression in adipocytes. <b>2007</b> , 569, 155-62	52
2020	The endocannabinoid network: insight into the regulation of the neuroendocrine and metabolic systems. <b>2007</b> , 2, 53-8	1
2019	Hypoadiponectinemia as a marker of adipocyte dysfunction -- Part I: the biology of adiponectin. <b>2007</b> , 2, 174-82	16
2018	[The biology of visceral fat]. <b>2007</b> , 48, 126-33	11
2017	Adiponectin receptors, with special focus on the role of the third receptor, T-cadherin, in vascular disease. <b>2007</b> , 40, 115-20	85
2016	Adipokines and vascular disease in diabetes. <b>2007</b> , 7, 25-33	45
2015	Effects of dietary fibers on disturbances clustered in the metabolic syndrome. <b>2008</b> , 19, 71-84	324
2014	Effect of adiponectin and ghrelin on apoptosis of Barrett adenocarcinoma cell line. <b>2008</b> , 53, 597-605	82
2013	Nonalcoholic fatty liver disease: diagnosis and relation to metabolic syndrome and approach to treatment. <b>2008</b> , 8, 25-30	23
2012	Adipocytokines and liver disease. <b>2008</b> , 43, 811-22	136

2011	Diabetes-specific genetic effects on obesity traits in American Indian populations: the Strong Heart Family Study. <b>2008</b> , 9, 90	11
2010	Time course of pain sensation in rat models of insulin resistance, type 2 diabetes, and exogenous hyperinsulinaemia. <b>2008</b> , 24, 642-50	28
2009	Adiponectin and alcoholic fatty liver disease. <b>2008</b> , 60, 790-7	105
2008	Adipose triglyceride lipase regulates basal lipolysis and lipid droplet size in adipocytes. <b>2008</b> , 105, 1430-6	117
2007	The secretory function of adipocytes in the physiology of white adipose tissue. <b>2008</b> , 216, 3-13	222
2006	High molecular weight adiponectin inhibits proliferation of hepatic stellate cells via activation of adenosine monophosphate-activated protein kinase. <b>2008</b> , 47, 677-85	131
2005	Inhibition of adiponectin production by homocysteine: a potential mechanism for alcoholic liver disease. <b>2008</b> , 47, 867-79	93
2004	Hepatic AdipoR2 signaling plays a protective role against progression of nonalcoholic steatohepatitis in mice. <b>2008</b> , 48, 458-73	100
2003	Mécanismes de l'action antidiabétique des thiazolidinediones. <b>2008</b> , 22, 84-87	
2002	Physiological and pathophysiological roles of adiponectin and adiponectin receptors in the integrated regulation of metabolic and cardiovascular diseases. <b>2008</b> , 32 Suppl 7, S13-8	257
2001	Adiponectin and resistin response in the onset of obesity in male and female rats. <b>2008</b> , 16, 723-30	52
2000	Quercetin ameliorates metabolic syndrome and improves the inflammatory status in obese Zucker rats. <b>2008</b> , 16, 2081-7	297
1999	Adiponectin multimers and metabolic syndrome traits: relative adiponectin resistance in African Americans. <b>2008</b> , 16, 2616-23	31
1998	Thiazolidinediones: effects on insulin resistance and the cardiovascular system. <b>2008</b> , 153, 636-45	101
1997	The 'beneficial' adipokines in reproduction and fertility. <b>2008</b> , 32, 223-31	97
1996	Regulation of adiponectin release and demonstration of adiponectin mRNA as well as release by the non-fat cells of human omental adipose tissue. <b>2008</b> , 32, 429-35	24
1995	Circulating adiponectin levels associate with inflammatory markers, insulin resistance and metabolic syndrome independent of obesity. <b>2008</b> , 32, 772-9	124
1994	Globular adiponectin induces platelet activation through the collagen receptor GPVI-Fc receptor gamma chain complex. <b>2008</b> , 6, 1012-20	36

1993	Increase in high molecular weight adiponectin by bariatric surgery-induced weight loss. <b>2008</b> , 10, 1266-70	22
1992	Gender differences in C-reactive protein, interleukin-1 receptor antagonist and adiponectin levels in the metabolic syndrome: a population-based study. <b>2008</b> , 25, 747-50	47
1991	Adiponectin and colorectal adenomas: Self Defense Forces Health Study. <b>2008</b> , 99, 781-6	32
1990	Correlation of circulating full-length visfatin (PBEF/NAMPT) with metabolic parameters in subjects with and without diabetes: a cross-sectional study. <b>2008</b> , 69, 885-93	67
1989	Effect of obesity and insulin sensitivity on adiponectin isoform distribution. <b>2008</b> , 38, 827-34	60
1988	The endocannabinoid system and the control of glucose homeostasis. <b>2008</b> , 20 Suppl 1, 147-51	17
1987	T2D-Db: an integrated platform to study the molecular basis of Type 2 diabetes. <b>2008</b> , 9, 320	31
1986	White adipose tissue as endocrine organ and its role in obesity. <b>2008</b> , 39, 715-28	283
1985	The physiological and pathophysiological role of adiponectin and adiponectin receptors in the peripheral tissues and CNS. <b>2008</b> , 582, 74-80	191
1984	AdipoR1 mediates the anorexigenic and insulin/leptin-like actions of adiponectin in the hypothalamus. <b>2008</b> , 582, 1471-6	111
1983	GO6976 prevents TNF-alpha-induced suppression of adiponectin expression in 3T3-L1 adipocytes: putative involvement of protein kinase C. <b>2008</b> , 582, 3473-8	31
1982	The effects of beta(3)-adrenoceptor agonist CL-316,243 on adiponectin, adiponectin receptors and tumor necrosis factor-alpha expressions in adipose tissues of obese diabetic KKAY mice. <b>2008</b> , 584, 202-6	24
1981	Improving Insulin Sensitivity: A Review of New Therapies. <b>2008</b> , 9, S28-S38	
1980	Interrelaciones entre obesidad y aterotrombosis. <b>2008</b> , 8, 3C-11C	
1979	The metabolic syndrome and cardiovascular disease: Part I. <b>2008</b> , 11, 155-61	21
1978	Group IVA phospholipase A2 is associated with the storage of lipids in adipose tissue and liver. <b>2008</b> , 86, 12-7	18
1977	Significance of changes in plasma adiponectin concentration after the implantation of stents in patients with stable angina. <b>2008</b> , 52, 17-23	10
1976	Is there any association between subcutaneous adipose tissue area and plasma total and high molecular weight adiponectin levels?. <b>2008</b> , 57, 506-10	17



1975	Low serum adiponectin level as a predictor of impaired glucose regulation and type 2 diabetes mellitus in a middle-aged Finnish population. <b>2008</b> , 57, 1130-4	42
1974	Effects of soy protein and isoflavones on insulin resistance and adiponectin in male monkeys. <b>2008</b> , 57, S24-31	45
1973	Effects of pioglitazone on serum fetuin-A levels in patients with type 2 diabetes mellitus. <b>2008</b> , 57, 1248-52	62
1972	Pharmacokinetic/pharmacodynamic modelling in diabetes mellitus. <b>2008</b> , 47, 417-48	71
1971	[Adipocytokines: implications in the prognosis and drug treatment of cardiovascular diseases]. <b>2008</b> , 208, 239-46	3
1970	Model-based development of a PPARgamma agonist, rivoglitazone, to aid dose selection and optimize clinical trial designs. <b>2008</b> , 48, 1420-9	21
1969	Post-translational modifications of adiponectin: mechanisms and functional implications. <b>2008</b> , 409, 623-33	301
1968	Fetuin-A induces cytokine expression and suppresses adiponectin production. <b>2008</b> , 3, e1765	199
1967	Fetuin-A and its relation to metabolic syndrome and fatty liver disease in obese children before and after weight loss. <b>2008</b> , 93, 4479-85	163
1966	Abdominal obesity: an indicator of cardiometabolic risk. <b>2008</b> , 55, 420-32	3
1965	[Pathogenesis of the metabolic syndrome]. <b>2008</b> , 135 Suppl 4, S243-8	5
1964	The multiple facets of the fat tissue. <b>2008</b> , 18, 175-83	39
1963	DsbA-L is a versatile player in adiponectin secretion. <b>2008</b> , 105, 18077-8	41
1962	Adipocytokines and the metabolic complications of obesity. <b>2008</b> , 93, S64-73	513
1961	Further inflammatory information on metabolic syndrome by adiponectin evaluation. <b>2008</b> , 124, 339-44	14
1960	Increased adiponectin level in parallel with increased NT-pro BNP in patients with severe heart failure in the elderly: A hospital cohort study. <b>2008</b> , 125, 216-9	36
1959	Differentiation of human pre-adipocytes by recombinant adiponectin. <b>2008</b> , 59, 122-6	8
1958	Serum FGF21 levels are increased in obesity and are independently associated with the metabolic syndrome in humans. <b>2008</b> , 57, 1246-53	655

1957	Nijmegen breakage syndrome 1 protein hyperacetylation as a molecular mechanism underlying metabolic syndrome. <b>2008</b> , 1, 295-300	
1956	Fatty liver and insulin resistance in obese Zucker rats: no role for mitochondrial dysfunction. <b>2008</b> , 90, 1407-13	27
1955	Insulin regulates the expression of adiponectin and adiponectin receptors in porcine adipocytes. <b>2008</b> , 34, 352-9	21
1954	Adiponectin enhances in vitro development of swine embryos. <b>2008</b> , 35, 198-207	60
1953	Adiponectin: an update. <b>2008</b> , 34, 12-8	154
1952	The Effect of pioglitazone on circulating adiponectin is highly predictable based on its basal level. <b>2008</b> , 80, e12-3	2
1951	The effect of rosiglitazone on oxidative stress and insulin resistance in overweight individuals. <b>2008</b> , 81, 209-15	16
1950	Transgenic expression of a mutated cyclin-dependent kinase 4 (CDK4/R24C) in pancreatic beta-cells prevents progression of diabetes in db/db mice. <b>2008</b> , 82, 33-41	10
1949	High molecular weight adiponectin correlates positively with myeloperoxidase in patients with type 2 diabetes mellitus. <b>2008</b> , 82, 179-84	7
1948	Crucial role of insulin receptor substrate-2 in compensatory beta-cell hyperplasia in response to high fat diet-induced insulin resistance. <b>2008</b> , 10 Suppl 4, 147-56	32
1947	High-molecular weight adiponectin is independently associated with the extent of coronary artery disease in men. <b>2008</b> , 199, 123-8	64
1946	Type 1 diabetes, hyperglycaemia, and the heart. <b>2008</b> , 371, 1790-9	88
1945	Cardiovascular disease risk in type 2 diabetes mellitus: insights from mechanistic studies. <b>2008</b> , 371, 1800-9	395
1944	KLF6 in nonalcoholic fatty liver disease: role of fibrogenesis and carcinogenesis. <b>2008</b> , 135, 309-12	6
1943	Retinol-binding protein 4 and lipocalin-2 in childhood and adolescent obesity: when children are not just "small adults". <b>2008</b> , 54, 1176-82	50
1942	Adiponectin multimers in maternal plasma. <b>2008</b> , 21, 796-815	36
1941	Impact of body weight, diet and lifestyle on nonalcoholic fatty liver disease. <b>2008</b> , 2, 217-31	12
1940	Prediagnostic adiponectin concentrations and pancreatic cancer risk in male smokers. <b>2008</b> , 168, 1047-55	61

1939	Adiponectin, change in adiponectin, and progression to diabetes in the Diabetes Prevention Program. <b>2008</b> , 57, 980-6	135
1938	Hypertension in obesity. <b>2008</b> , 37, 647-62, ix	36
1937	Adiponectin blocks interleukin-18-mediated endothelial cell death via APPL1-dependent AMP-activated protein kinase (AMPK) activation and IKK/NF-kappaB/PTEN suppression. <b>2008</b> , 283, 24889-98	108
1936	Building a knowledge base for systems pathology. <b>2008</b> , 9, 518-31	14
1935	Recruitment and in situ renewal regulate rapid accumulation of CD11c+ cells in the lung following intranasal superantigen challenge. <b>2008</b> , 147, 59-73	7
1934	Renin-angiotensin system blockade and diabetes: moving the adipose organ from the periphery to the center. <b>2008</b> , 74, 851-3	7
1933	Adiponectin protects against angiotensin II or tumor necrosis factor alpha-induced endothelial cell monolayer hyperpermeability: role of cAMP/PKA signaling. <b>2008</b> , 28, 899-905	53
1932	Cardiac remodeling in obesity. <b>2008</b> , 88, 389-419	497
1931	A disulfide-bond A oxidoreductase-like protein (DsbA-L) regulates adiponectin multimerization. <b>2008</b> , 105, 18302-7	169
1930	Alveolar macrophage activation and an emphysema-like phenotype in adiponectin-deficient mice. <b>2008</b> , 294, L1035-42	99
1929	Loss of resistin ameliorates hyperlipidemia and hepatic steatosis in leptin-deficient mice. <b>2008</b> , 295, E331-8	55
1928	Tea catechin ingestion combined with habitual exercise suppresses the aging-associated decline in physical performance in senescence-accelerated mice. <b>2008</b> , 295, R281-9	44
1927	Adiponectin inhibits vascular endothelial growth factor-induced migration of human coronary artery endothelial cells. <b>2008</b> , 78, 376-84	74
1926	Novel expression and direct effects of adiponectin in the rat testis. <b>2008</b> , 149, 3390-402	107
1925	Low adiponectin state is associated with metabolic abnormalities in obese children, particularly depending on apolipoprotein E phenotype. <b>2008</b> , 45, 496-503	4
1924	Differential gene expression profiling in HELLP syndrome placentas. <b>2008</b> , 15, 285-94	5
1923	Does adiponectin play a role in pulmonary emphysema?. <b>2008</b> , 294, L1032-4	10
1922	Adiponectin, cardiovascular function, and hypertension. <b>2008</b> , 51, 8-14	193

1921	The trans-10, cis-12 isomer of conjugated linoleic acid decreases adiponectin assembly by PPARgamma-dependent and PPARgamma-independent mechanisms. <b>2008</b> , 49, 550-62		34
1920	Assessment of adiponectin and leptin as biomarkers of positive metabolic outcomes after lifestyle intervention in overweight and obese children. <b>2008</b> , 93, 3051-7		99
1919	Adiponectin regulates albuminuria and podocyte function in mice. <i>Journal of Clinical Investigation</i> , <b>2008</b> , 118, 1645-56	15.9	423
1918	T-cadherin supports angiogenesis and adiponectin association with the vasculature in a mouse mammary tumor model. <b>2008</b> , 68, 1407-16		135
1917	Adiponectin and risk of coronary heart disease in older men and women. <b>2008</b> , 93, 3357-64		82
1916	Serum adiponectin in elderly men does not correlate with fracture risk. <b>2008</b> , 93, 4041-7		36
1915	Losartan elevates the serum high-molecular weight-adiponectin isoform and concurrently improves insulin sensitivity in patients with impaired glucose metabolism. <b>2008</b> , 31, 1611-8		29
1914	Evaluation of the cardio-ankle vascular index, a new indicator of arterial stiffness independent of blood pressure, in obesity and metabolic syndrome. <b>2008</b> , 31, 1921-30		111
1913	Metabolic disorders predict development of hypertension in normotensive Japanese subjects. <b>2008</b> , 31, 665-71		12
1912	Targeting the pathophysiology of type 2 diabetes: rationale for combination therapy with pioglitazone and exenatide. <b>2008</b> , 24, 3009-22		9
1911	Spontaneous myocardial infarction in mice lacking all nitric oxide synthase isoforms. <b>2008</b> , 117, 2211-23		120
1910	Pleiotropic effects of thiazolidinediones. <b>2008</b> , 9, 1087-108		49
1909	Adiponectin and insulin resistance in childhood obesity. <b>2008</b> , 47, 356-62		33
1908	[Proteoglycan as a key molecule in atherosclerosis progression: characteristics of the structure and regulation of the synthesis]. <b>2008</b> , 128, 365-75		0
1907	Molecular mechanism of moderate insulin resistance in adiponectin-knockout mice. <b>2008</b> , 55, 515-22		46
1906	Triacylglycerols and Cholesterol Metabolism. <b>2008</b> , 163-200		
1905	Vascular effects of adiponectin: molecular mechanisms and potential therapeutic intervention. <b>2008</b> , 114, 361-74		212
1904	Higher plasma levels of adiponectin in hemodialysis patients: good or bad?. <b>2008</b> , 47, 1825-6		

1903	Acarbose treatment increases serum total adiponectin levels in patients with type 2 diabetes. <b>2008</b> , 55, 549-56	25
1902	The relationships of leptin, adiponectin levels and paraoxonase activity with metabolic and cardiovascular risk factors in females treated with psychiatric drugs. <b>2008</b> , 63, 651-60	12
1901	Nonalcoholic fatty liver disease, adiponectin and insulin resistance in dipper and nondipper essential hypertensive patients. <b>2008</b> , 26, 2191-7	30
1900	?????????????????????????????????????. <b>2008</b> , 46, 710-716	
1899	Hyperinsulinemia and impaired leptin-adiponectin ratio associate with endothelial nitric oxide synthase polymorphisms in subjects with in-stent restenosis. <b>2008</b> , 294, E978-86	22
1898	Effect of the Pro12Ala polymorphism of the PPAR gamma 2 gene on response to pioglitazone treatment in menopausal women. <b>2008</b> , 15, 1151-6	14
1897	Bisphenol A at environmentally relevant doses inhibits adiponectin release from human adipose tissue explants and adipocytes. <b>2008</b> , 116, 1642-7	343
1896	The Development of INT131 as a Selective PPARgamma Modulator: Approach to a Safer Insulin Sensitizer. <b>2008</b> , 2008, 936906	55
1895	THE IMPACT OF GERIATRIC EXERCISE TRAINING ON ABDOMINAL FAT AND ADIPONECTIN LEVELS IN THE ELDERLY. <b>2008</b> , 57, 365-376	1
1894	Effect of dietary n-3 polyunsaturated fatty acids on plasma total and high-molecular-weight adiponectin concentrations in overweight to moderately obese men and women. <b>2008</b> , 87, 347-53	67
1893	Safety and efficacy of rosiglitazone in the elderly diabetic patient. <b>2009</b> , 5, 389-95	12
1892	Adiponectin is required to mediate rimonabant-induced improvement of insulin sensitivity but not body weight loss in diet-induced obese mice. <b>2009</b> , 296, R929-35	32
1891	Adiponectin and adiponectin receptors in human pheochromocytoma. <b>2009</b> , 16, 442-7	11
1890	Usefulness of GPT for diagnosis of metabolic syndrome in obese Japanese children. <b>2009</b> , 16, 902-9	17
1889	AMPK: Lessons from transgenic and knockout animals. <b>2009</b> , 14, 19-44	221
1888	Reducing glycosphingolipid content in adipose tissue of obese mice restores insulin sensitivity, adipogenesis and reduces inflammation. <b>2009</b> , 4, e4723	87
1887	Alleviation of high-fat diet-induced fatty liver damage in group IVA phospholipase A2-knockout mice. <b>2009</b> , 4, e8089	41
1886	Adiponectin and functional adiponectin receptor 1 are expressed by airway epithelial cells in chronic obstructive pulmonary disease. <b>2009</b> , 182, 684-91	129

1885	Hypermetabolism, hyperphagia, and reduced adiposity in tankyrase-deficient mice. <b>2009</b> , 58, 2476-85	52
1884	Yin-Yang regulation of adiponectin signaling by APPL isoforms in muscle cells. <b>2009</b> , 284, 31608-15	110
1883	A novel pathway of insulin sensitivity in chromogranin A null mice: a crucial role for pancreastatin in glucose homeostasis. <b>2009</b> , 284, 28498-509	73
1882	Rimonabant ameliorates insulin resistance via both adiponectin-dependent and adiponectin-independent pathways. <b>2009</b> , 284, 1803-12	38
1881	Adipocytokines and insulin resistance: the possible role of lipocalin-2, retinol binding protein-4, and adiponectin. <b>2009</b> , 32 Suppl 2, S362-7	125
1880	Maternal visfatin concentration in normal pregnancy. <b>2009</b> , 37, 206-17	46
1879	Adiponectin levels and its association with hyperglycaemia in adult Filipino participants in the 2003--04 National Nutrition and Health Survey. <b>2009</b> , 6, 231-7	4
1878	Relationship between adiponectin, inflammatory markers and obesity in type 2 diabetic and non-diabetic Trinidadians. <b>2009</b> , 115, 28-33	12
1877	Relationship of adiposity with arterial stiffness as mediated by adiponectin in older men and women: the Hoorn Study. <b>2009</b> , 160, 387-95	48
1876	Functional characterization of promoter variants of the adiponectin gene complemented by epidemiological data. <b>2009</b> , 58, 984-91	61
1875	Adiponectin inhibits insulin-like growth factor-1-induced cell migration by the suppression of extracellular signal-regulated kinase 1/2 activation, but not Akt in vascular smooth muscle cells. <b>2009</b> , 32, 188-93	47
1874	An adiponectin-like molecule with antidiabetic properties. <b>2009</b> , 150, 4493-501	10
1873	Post-challenge hyperglycemia in older adults is associated with increased cardiovascular risk profile. <b>2009</b> , 94, 1595-601	28
1872	Acute hyperinsulinemia differentially regulates interstitial and circulating adiponectin oligomeric pattern in lean and insulin-resistant, obese individuals. <b>2009</b> , 94, 4508-16	21
1871	A new constitutively active mutant of AMP-activated protein kinase inhibits anoxia-induced apoptosis of vascular endothelial cell. <b>2009</b> , 32, 133-9	27
1870	Chronic ethanol consumption lessens the gain of body weight, liver triglycerides, and diabetes in obese ob/ob mice. <b>2009</b> , 331, 23-34	38
1869	Selective elevation of adiponectin production by the natural compounds derived from a medicinal herb alleviates insulin resistance and glucose intolerance in obese mice. <b>2009</b> , 150, 625-33	71
1868	Involvement of AdipoR receptor in adiponectin-induced motility and alpha2beta1 integrin upregulation in human chondrosarcoma cells. <b>2009</b> , 30, 1651-9	42

1867	Adiponectin deficiency does not affect development and progression of spontaneous colitis in IL-10 knockout mice. <b>2009</b> , 296, G382-7	23
1866	Polycystic ovary syndrome is associated with tissue-specific differences in insulin resistance. <b>2009</b> , 94, 157-63	92
1865	(-)-Epigallocatechin gallate enhances the expression of genes related to insulin sensitivity and adipocyte differentiation in 3T3-L1 adipocytes at an early stage of differentiation. <b>2009</b> , 25, 1047-56	47
1864	Adipokines as novel modulators of lipid metabolism. <b>2009</b> , 34, 500-10	142
1863	Partial sequencing and expression of genes involved in glucose metabolism in adipose tissues and skeletal muscle of healthy cats. <b>2009</b> , 180, 66-70	19
1862	Effects of cardiac rehabilitation in patients with metabolic syndrome after coronary artery bypass grafting. <b>2009</b> , 53, 381-7	19
1861	Effect of CAR activation on selected metabolic pathways in normal and hyperlipidemic mouse livers. <b>2009</b> , 10, 384	37
1860	The role of adiponectin in obesity, diabetes, and cardiovascular disease. <b>2009</b> , 4, 44-9	124
1859	Adiponectin levels are high in children with classic congenital adrenal hyperplasia (CAH) due to 21-hydroxylase deficiency. <b>2009</b> , 98, 885-91	11
1858	Adiponectin protects against cerebral ischemia-reperfusion injury through anti-inflammatory action. <b>2009</b> , 1273, 129-37	94
1857	Adiponectin induces interleukin-6 production and activates STAT3 in adult mouse cardiac fibroblasts. <b>2009</b> , 101, 263-72	32
1856	Adipokines in liver diseases. <b>2009</b> , 50, 957-69	350
1855	Serum adiponectin as a useful marker for metabolic syndrome in type 2 diabetic patients. <b>2009</b> , 25, 259-65	20
1854	Serum high-molecular weight adiponectin is related to early postprandial glycemic increases and gastric emptying in patients with type 2 diabetes mellitus. <b>2009</b> , 25, 344-50	5
1853	Intermuscular adipose tissue (IMAT): association with other adipose tissue compartments and insulin sensitivity. <b>2009</b> , 29, 1340-5	134
1852	Exercise therapy in type 2 diabetes. <b>2009</b> , 46, 263-78	82
1851	Suppression of the aging-associated decline in physical performance by a combination of resveratrol intake and habitual exercise in senescence-accelerated mice. <b>2009</b> , 10, 423-34	96
1850	Adiponectin Receptor-1 C-Terminal Fragment (CTF) in Plasma: Putative Biomarker for Diabetes. <b>2009</b> , 5, 156-162	3

1849	The association between vitamin D status and circulating adiponectin independent of adiposity in subjects with abnormal glucose tolerance. <b>2009</b> , 36, 205-10	66
1848	Diabetes und Fettleber. <b>2009</b> , 5, 653-665	0
1847	Downregulation of adiponectin/AdipoR2 is associated with steatohepatitis in obese mice. <b>2009</b> , 13, 2043-9	28
1846	Adiponectin stimulates osteoblast differentiation through induction of COX2 in mesenchymal progenitor cells. <b>2009</b> , 27, 2254-62	94
1845	Adiponectin increases motility of human prostate cancer cells via adipoR, p38, AMPK, and NF-kappaB pathways. <b>2009</b> , 69, 1781-9	60
1844	Ranking candidate genes in rat models of type 2 diabetes. <b>2009</b> , 6, 12	2
1843	Adiponectin levels in adolescent girls with polycystic ovary syndrome (PCOS). <b>2009</b> , 71, 823-7	18
1842	Central adiponectin functions to inhibit arginine vasopressin release in conscious rats. <b>2009</b> , 21, 753-9	4
1841	The role of oestrogens in the adaptation of islets to insulin resistance. <b>2009</b> , 587, 5031-7	92
1840	Endocytosis of adiponectin receptor 1 through a clathrin- and Rab5-dependent pathway. <b>2009</b> , 19, 317-27	36
1839	Globular adiponectin induces differentiation and fusion of skeletal muscle cells. <b>2009</b> , 19, 584-97	49
1838	Emerging role of adipose tissue hypoxia in obesity and insulin resistance. <b>2009</b> , 33, 54-66	387
1837	Adiponectin oligomers and ectopic fat in liver and skeletal muscle in humans. <b>2009</b> , 17, 390-2	16
1836	Molecular cloning, gene expression, and tissue distribution of adiponectin and its receptors in the Japanese monkey, <i>Macaca fuscata</i> . <b>2009</b> , 38, 77-85	12
1835	Effect of antimicrobial periodontal treatment and maintenance on serum adiponectin in type 2 diabetes mellitus. <b>2009</b> , 36, 142-8	24
1834	AMP-activated protein kinase in the regulation of hepatic energy metabolism: from physiology to therapeutic perspectives. <b>2009</b> , 196, 81-98	334
1833	The liver and the waistline: Fifty years of growth. <b>2009</b> , 24 Suppl 3, S105-18	38
1832	Adiponectin is increased and correlated with the degree of proteinuria, but plasma leptin is not changed in patients with chronic glomerulonephritis. <b>2009</b> , 14, 327-31	8



1831	Silent information regulator, Sirtuin 1, and age-related diseases. <b>2009</b> , 9, 7-15	47
1830	Plasma adiponectin in heart transplant recipients. <b>2009</b> , 23, 83-8	6
1829	Association of waist circumference, traditional cardiovascular risk factors, and stromal-derived factor-1 in adolescents. <b>2009</b> , 10, 329-35	26
1828	Identification of nobiletin, a polymethoxyflavonoid, as an enhancer of adiponectin secretion. <b>2009</b> , 19, 2062-4	53
1827	Inhibition of new vessel growth in mouse model of laser-induced choroidal neovascularization by adiponectin peptide II. <b>2009</b> , 33, 765-71	14
1826	SIRT1 and insulin resistance. <b>2009</b> , 5, 367-73	255
1825	Adiponectin: a key adipokine in alcoholic fatty liver. <b>2009</b> , 234, 850-9	92
1824	Insulin resistance in chronic uremia. <b>2009</b> , 19, 20-4	34
1823	The protein kinase IKKepsilon regulates energy balance in obese mice. <b>2009</b> , 138, 961-75	264
1822	Adipocyte CREB promotes insulin resistance in obesity. <b>2009</b> , 9, 277-86	139
1821	Adiponectin suppresses hepatic SREBP1c expression in an AdipoR1/LKB1/AMPK dependent pathway. <b>2009</b> , 382, 51-6	138
1820	IGFBP-3, hypoxia and TNF-alpha inhibit adiponectin transcription. <b>2009</b> , 382, 785-9	38
1819	Expression of adiponectin receptors in mouse adrenal glands and the adrenocortical Y-1 cell line: adiponectin regulates steroidogenesis. <b>2009</b> , 390, 1208-13	24
1818	Energy-restricted pair-feeding normalizes low levels of brain-derived neurotrophic factor/tyrosine kinase B mRNA expression in the hippocampus, but not ventromedial hypothalamic nucleus, in diet-induced obese mice. <b>2009</b> , 160, 295-306	33
1817	Adiponectin isoforms are not associated with the severity of coronary atherosclerosis but with undiagnosed diabetes in patients affected by stable CAD. <b>2009</b> , 19, 54-60	20
1816	Preoperative plasma adiponectin level is a risk factor for postoperative infection following colorectal cancer surgery. <b>2009</b> , 157, 227-34	22
1815	Adiponectin is released from the heart in patients with heart failure. <b>2009</b> , 132, 221-6	45
1814	Effects of bisphenol A on adipokine release from human adipose tissue: Implications for the metabolic syndrome. <b>2009</b> , 304, 49-54	206

1813	Kupffer cells in non-alcoholic fatty liver disease: the emerging view. <b>2009</b> , 51, 212-23	340
1812	Relationships between plasma adiponectin and body fat distribution, insulin sensitivity, and plasma lipoproteins in Alaskan Yup'ik Eskimos: the Center for Alaska Native Health Research study. <b>2009</b> , 58, 22-9	34
1811	Glimepiride increases high-density lipoprotein cholesterol via increasing adiponectin levels in type 2 diabetes mellitus. <b>2009</b> , 58, 143-8	27
1810	Serum high-molecular weight adiponectin decreases abruptly after an oral glucose load in subjects with normal glucose tolerance or impaired fasting glucose, but not those with impaired glucose tolerance or diabetes mellitus. <b>2009</b> , 58, 1470-6	17
1809	Protective vascular and myocardial effects of adiponectin. <b>2009</b> , 6, 27-35	206
1808	Rapid improvement of carotid plaque echogenicity within 1 month of pioglitazone treatment in patients with acute coronary syndrome. <b>2009</b> , 203, 483-8	18
1807	Omental fat expression of adiponectin and adiponectin receptors in non-obese women with PCOS: a preliminary study. <b>2009</b> , 19, 577-82	10
1806	Association study of the single nucleotide polymorphisms in adiponectin-associated genes with type 2 diabetes in Han Chinese. <b>2009</b> , 36, 417-23	38
1805	The role of obesity in the pathogenesis of hypertension. <b>2009</b> , 5, 101-11	55
1804	Effects of chronic treatment with the CB1 antagonist, rimonabant on the blood pressure, and vascular reactivity of obese Zucker rats. <b>2009</b> , 17, 1340-7	19
1803	Adiponectin prevents progression of steatohepatitis in mice by regulating oxidative stress and Kupffer cell phenotype polarization. <b>2009</b> , 39, 724-38	72
1802	Adiponectin as a therapeutic target of non-alcoholic steatohepatitis. <b>2009</b> , 39, 951-3	5
1801	Adipokines in the treatment of diabetes mellitus and obesity. <b>2009</b> , 10, 239-54	41
1800	Role of altered insulin signaling pathways in the pathogenesis of podocyte malfunction and microalbuminuria. <b>2009</b> , 18, 539-45	49
1799	Depot specificities of PPAR $\alpha$ ligand actions on lipid and glucose metabolism and their implication in PPAR $\alpha$ -mediated body fat redistribution. <b>2009</b> , 4, 633-642	6
1798	Polymorphism of DsbA-L gene associates with insulin secretion and body fat distribution in Chinese population. <b>2009</b> , 56, 487-94	19
1797	4. Recent Topics of the Mechanism and Treatment of Diabetes Mellitus. <b>2009</b> , 98, 564-570	
1796	[Progress in therapy for diabetes mellitus--insulin-resistance ameliorating agents]. <b>2009</b> , 98, 742-9	0

1795	Cytokeratin-18 fragments and biomarkers of the metabolic syndrome in nonalcoholic steatohepatitis. <b>2009</b> , 15, 4387-91	40
1794	Protective roles of adiponectin in obesity-related fatty liver diseases: mechanisms and therapeutic implications. <b>2009</b> , 53, 201-12	61
1793	Role of adipokines in complications related to obesity: a review. <b>2009</b> , 54, 150-7	115
1792	Pathogenic perspectives for the role of inflammation in diabetic nephropathy. <b>2009</b> , 116, 479-92	140
1791	Modifications of histone H3 at lysine 9 on the adiponectin gene in 3T3-L1 adipocytes. <b>2009</b> , 55, 131-8	30
1790	Association of a Sequence Variation in the Gene Encoding Adiponectin Receptor 1 (ADIPOR1) with Body Mass Index in the Japanese Population. <b>2009</b> , 6, 79-82	
1789	Cardiac adiposity and global cardiometabolic risk: new concept and clinical implication. <b>2009</b> , 73, 27-34	69
1788	Nitric oxide synthases and cardiovascular diseases: insights from genetically modified mice. <b>2009</b> , 73, 986-93	59
1787	Feline adiponectin: molecular structures and plasma concentrations in obese cats. <b>2009</b> , 71, 189-94	34
1786	How controlling of hypertension might matter. <b>2009</b> , 73, 2208-9	2
1785	Plasma adiponectin levels are increased despite insulin resistance in corticotropin-releasing hormone transgenic mice, an animal model of Cushing syndrome. <b>2009</b> , 56, 879-86	10
1784	Dramatic improvement of blood glucose control after pioglitazone treatment in poorly controlled over-weight diabetic patients with myotonic dystrophy. <b>2009</b> , 56, 911-3	4
1783	???????????????????? ??????????????????????. <b>2009</b> , 47, 234-236	
1782	Adiponectin immunohistochemical expression in colorectal cancer and its correlation with histological grade and tumour microvessel density. <b>2009</b> , 41, 533-8	11
1781	Anti-metabolic syndrome effects of adenosine ingestion in stroke-prone spontaneously hypertensive rats fed a high-fat diet. <b>2010</b> , 104, 48-55	112
1780	Adipose tissue recruitment of leukocytes. <b>2010</b> , 21, 172-7	112
1779	High-salt diet increases plasma adiponectin levels independent of blood pressure in hypertensive rats: the role of the renin-angiotensin-aldosterone system. <b>2010</b> , 28, 95-101	24
1778	2) Treatment Strategies for Preventing Atherosclerosis in Patients with Diabetes Mellitus.. <b>2010</b> , 99, 447-453	

1777	Anti-diabetic Activities of Chalcones Derived from Ashitaba. <b>2010</b> , 57, 456-463	4
1776	Adiponectin as a biomarker of the metabolic syndrome in children and adolescents. <b>2010</b> , 15 Suppl 2, 147-51	54
1775	Insulin resistance and hyperinsulinaemia in the development and progression of cancer. <b>2009</b> , 118, 315-32	141
1774	Dietary Sparassis crispa (Hanabiratake) Ameliorates Plasma Levels of Adiponectin and Glucose in Type 2 Diabetic Mice. <b>2010</b> , 56, 541-546	12
1773	Relationship of high-molecular-weight adiponectin levels to visceral fat accumulation in hemodialysis patients. <b>2010</b> , 49, 299-305	12
1772	Fasting adiponectin is inversely correlated with metabolic syndrome in patients with coronary artery disease. <b>2010</b> , 49, 739-47	9
1771	Visceral fat is a strong predictor of insulin resistance regardless of cardiorespiratory fitness in non-diabetic people. <b>2010</b> , 56, 109-16	45
1770	Involvement of adipokines in rimonabant-mediated insulin sensitivity in ob/ob mice. <b>2010</b> , 61, 1493-1498	8
1769	Transcriptional and post-translational regulation of adiponectin. <b>2009</b> , 425, 41-52	177
1768	A fraction of unripe kiwi fruit extract regulates adipocyte differentiation and function in 3T3-L1 cells. <b>2010</b> , 36, 52-9	23
1767	C1qTNF-related protein-6 increases the expression of interleukin-10 in macrophages. <b>2010</b> , 30, 59-64	41
1766	Nitric oxide synthases in the pathogenesis of cardiovascular disease: lessons from genetically modified mice. <b>2010</b> , 459, 959-67	36
1765	Hyperglycaemia in critical illness is a risk factor for later development of type II diabetes mellitus. <b>2010</b> , 47 Suppl 1, 29-33	12
1764	Circulating monocyte chemoattractant protein-1 links to diabetic retinopathy in type 2 diabetic patients without renal dysfunction. <b>2010</b> , 1, 78-82	1
1763	Adiponectin action from head to toe. <b>2010</b> , 37, 11-32	219
1762	The relationships between IGF-1 and CRP, NO, leptin, and adiponectin during weight loss in the morbidly obese. <b>2010</b> , 20, 623-32	52
1761	Screening of dried plant seed extracts for adiponectin production activity and tumor necrosis factor-alpha inhibitory activity on 3T3-L1 adipocytes. <b>2010</b> , 65, 225-32	28
1760	The association of tumor necrosis factor alpha receptor 2 and tumor necrosis factor alpha with insulin resistance and the influence of adipose tissue biomarkers in humans. <b>2010</b> , 59, 540-6	22

1759	Type 2 diabetes mellitus is characterized by reduced postprandial adiponectin response: a possible link with diabetic postprandial dyslipidemia. <b>2010</b> , 59, 567-74	18
1758	Calcium deficiency in the early stages after weaning is associated with the enhancement of a low level of adrenaline-stimulated lipolysis and reduction of adiponectin release in isolated rat mesenteric adipocytes. <b>2010</b> , 59, 951-8	5
1757	Pathophysiological relevance of NO signaling in the cardiovascular system: novel insight from mice lacking all NO synthases. <b>2010</b> , 128, 499-508	49
1756	Anti-hyperglycemic and anti-hyperlipidemic effects of guava leaf extract. <b>2010</b> , 7, 9	81
1755	Puerarin improves insulin resistance and modulates adipokine expression in rats fed a high-fat diet. <b>2010</b> , 649, 398-402	51
1754	Low-abundant adiponectin receptors in visceral adipose tissue of humans and rats are further reduced in diabetic animals. <b>2010</b> , 41, 75-82	17
1753	Nobiletin improves hyperglycemia and insulin resistance in obese diabetic ob/ob mice. <b>2010</b> , 79, 1674-83	131
1752	Adiponectin receptor binding proteins--recent advances in elucidating adiponectin signalling pathways. <b>2010</b> , 584, 4280-6	70
1751	Impact of AdipoR1 expression on breast cancer development. <b>2010</b> , 117, 134-8	22
1750	Thiazolidinedione therapy for nonalcoholic steatohepatitis: go, stop, or proceed with caution?. <b>2010</b> , 51, 366-9	7
1749	Adiponectin activation of AMPK disrupts leptin-mediated hepatic fibrosis via suppressors of cytokine signaling (SOCS-3). <b>2010</b> , 110, 1195-207	73
1748	Mechanisms of adiponectin-mediated COX-2 induction and protection against iron injury in mouse hepatocytes. <b>2010</b> , 224, 837-47	13
1747	Evidence that adiponectin receptor 1 activation exacerbates ischemic neuronal death. <b>2010</b> , 2, 15	41
1746	AdipoR2 is transcriptionally regulated by ER stress-inducible ATF3 in HepG2 human hepatocyte cells. <b>2010</b> , 277, 2304-17	31
1745	The adipokine zinc-alpha2-glycoprotein (ZAG) is downregulated with fat mass expansion in obesity. <b>2010</b> , 72, 334-41	84
1744	Withdrawal of pioglitazone in patients with type 2 diabetes mellitus. <b>2010</b> , 35, 401-8	3
1743	Dietary capsaicin reduces obesity-induced insulin resistance and hepatic steatosis in obese mice fed a high-fat diet. <b>2010</b> , 18, 780-7	206
1742	Variants in the adiponectin gene and serum adiponectin: the Coronary Artery Development in Young Adults (CARDIA) Study. <b>2010</b> , 18, 2333-8	32

1741	Hepatic adiponectin receptors (ADIPOR) 1 and 2 mRNA and their relation to insulin resistance in obese humans. <b>2010</b> , 34, 846-51	24
1740	Anti-inflammatory effect of resveratrol on adipokine expression and secretion in human adipose tissue explants. <b>2010</b> , 34, 1546-53	98
1739	Persistent organic pollutants, mitochondrial dysfunction, and metabolic syndrome. <b>2010</b> , 1201, 166-76	71
1738	In humans the adiponectin receptor R2 is expressed predominantly in adipose tissue and linked to the adipose tissue expression of MMIF-1. <b>2010</b> , 12, 360-3	5
1737	The role of adiponectin in the pathogenesis and treatment of non-alcoholic fatty liver disease. <b>2010</b> , 12, 365-83	170
1736	Body weight control by a high-carbohydrate/low-fat diet slows the progression of diabetic kidney damage in an obese, hypertensive, type 2 diabetic rat model. <b>2010</b> , 2010,	7
1735	A common variant in the adiponectin gene on weight loss and body composition under sibutramine therapy in obesity. <b>2010</b> , 2, 105-10	8
1734	Effects of supervised aerobic exercise training on serum adiponectin and parameters of lipid and glucose metabolism in subjects with moderate dyslipidemia. <b>2010</b> , 17, 1160-6	32
1733	Fat: a matter of disturbance for the immune system. <b>2010</b> , 16, 4762-72	57
1732	Globular adiponectin as a complete mesoangioblast regulator: role in proliferation, survival, motility, and skeletal muscle differentiation. <b>2010</b> , 21, 848-59	24
1731	Peroxisome proliferator-activated receptor-gamma increases adiponectin secretion via transcriptional repression of endoplasmic reticulum chaperone protein ERp44. <b>2010</b> , 151, 3195-203	46
1730	Adipose tissue macrophages: their role in adipose tissue remodeling. <b>2010</b> , 88, 33-9	315
1729	Enhanced insulin sensitivity after acute exercise is not associated with changes in high-molecular weight adiponectin concentration in plasma. <b>2010</b> , 162, 61-6	13
1728	Identification and characterization of a promoter cassette conferring adipocyte-specific gene expression. <b>2010</b> , 151, 2933-9	117
1727	Genetic architecture of plasma adiponectin overlaps with the genetics of metabolic syndrome-related traits. <b>2010</b> , 33, 908-13	54
1726	Adiponectin promotes macrophage polarization toward an anti-inflammatory phenotype. <b>2010</b> , 285, 6153-60	405
1725	The genetics of obesity and the metabolic syndrome. <b>2010</b> , 10, 86-108	47
1724	Effects of Oleanolic Acid and Maslinic Acid on Glucose and Lipid Metabolism. <b>2010</b> , 1423-1429	4

1723	Alterations of insulin resistance and the serum adiponectin level in patients with type 2 diabetes mellitus under the usual antihypertensive dosage of telmisartan treatment. <b>2010</b> , 12, 393-8	9
1722	Type 2 diabetes in children and adolescents. <b>2010</b> , 8, 393-406	22
1721	Circadian rhythms and metabolic syndrome: from experimental genetics to human disease. <b>2010</b> , 106, 447-62	342
1720	Leptin and adiponectin levels in pubertal children: relationship with anthropometric variables and body composition. <b>2010</b> , 48, 707-11	34
1719	C1q/TNF-related protein-3 (CTRP3), a novel adipokine that regulates hepatic glucose output. <b>2010</b> , 285, 39691-701	172
1718	Dimerization of adiponectin receptor 1 is inhibited by adiponectin. <b>2010</b> , 123, 1320-8	34
1717	Age, obesity, and sex effects on insulin sensitivity and skeletal muscle mitochondrial function. <b>2010</b> , 59, 89-97	187
1716	Increment and impairment of adiponectin in renal failure. <b>2010</b> , 86, 471-7	56
1715	The relationship between osteopontin and adiponectin in patients with essential hypertension. <b>2010</b> , 32, 358-63	14
1714	Beneficial effect of combination therapy comprising angiotensin II receptor blocker plus calcium channel blocker on plasma adiponectin levels. <b>2010</b> , 32, 21-8	5
1713	Objectively measured physical activity is negatively associated with plasma adiponectin levels in minority female youth. <b>2010</b> , 2010,	6
1712	Impaired oxidative metabolism and inflammation are associated with insulin resistance in ERalpha-deficient mice. <b>2010</b> , 298, E304-19	212
1711	eNOS plays a major role in adiponectin synthesis in adipocytes. <b>2010</b> , 298, E846-53	35
1710	Adiponectin-deficient mice are protected against tobacco-induced inflammation and increased emphysema. <b>2010</b> , 299, L834-42	33
1709	Long- but not short-term multifactorial intervention with focus on exercise training improves coronary endothelial dysfunction in diabetes mellitus type 2 and coronary artery disease. <b>2010</b> , 31, 112-9	84
1708	Plasma nonesterified Fatty Acid intolerance and hyperglycemia are associated with intravenous lipid-induced impairment of insulin sensitivity and disposition index. <b>2010</b> , 95, 1256-64	30
1707	Higher adiponectin levels in patients with Berardinelli-Seip congenital lipodystrophy due to seipin as compared with 1-acylglycerol-3-phosphate-o-acyltransferase-2 deficiency. <b>2010</b> , 95, 1463-8	46
1706	Hypoadiponectinemia--cause or consequence of human "insulin resistance"?. <b>2010</b> , 95, 1544-54	92

1705	Circulating adiponectin is associated with obesity and serum lipids in West Africans. <b>2010</b> , 95, 3517-21	32
1704	Local induction of adiponectin reduces lipopolysaccharide-triggered skeletal muscle damage. <b>2010</b> , 151, 4840-51	37
1703	Combined effects of ghrelin and higher food intake enhance skeletal muscle mitochondrial oxidative capacity and AKT phosphorylation in rats with chronic kidney disease. <b>2010</b> , 77, 23-8	46
1702	Metabolic syndrome and chronic kidney disease. <b>2010</b> , 20, S19-23	29
1701	Diabetic Cardiomyopathy: Mechanisms and Therapeutic Targets. <b>2010</b> , 7, e135-e143	103
1700	Plasma adiponectin levels are related to obesity, inflammation, blood lipids and insulin in type 2 diabetic and non-diabetic Trinidadians. <b>2010</b> , 4, 187-92	16
1699	Nonalcoholic fatty liver disease: pathology and pathogenesis. <b>2010</b> , 5, 145-71	598
1698	Exploring the molecular mechanisms underlying the potentiation of exogenous growth hormone on alcohol-induced fatty liver diseases in mice. <b>2010</b> , 8, 120	16
1697	Novel inflammatory markers in overweight women with and without polycystic ovary syndrome and following pharmacological intervention. <b>2010</b> , 33, 258-65	14
1696	The roles of ATF3, an adaptive-response gene, in high-fat-diet-induced diabetes and pancreatic beta-cell dysfunction. <b>2010</b> , 24, 1423-33	58
1695	Adiponectin in health and diseases: from metabolic syndrome to tissue regeneration. <b>2010</b> , 14, 193-206	39
1694	T-cadherin expression in cardiac allograft vasculopathy: bench to bedside translational investigation. <b>2010</b> , 29, 792-9	4
1693	A position statement on NAFLD/NASH based on the EASL 2009 special conference. <b>2010</b> , 53, 372-84	726
1692	Generation of novel long-acting globular adiponectin molecules. <b>2010</b> , 399, 113-9	14
1691	Availability of adipose-derived stem cells in patients undergoing vascular surgical procedures. <b>2010</b> , 163, e105-12	48
1690	Characterization of Wistar-Kyoto rats showing hyperadiponectinemia. <b>2010</b> , 86, 344-50	3
1689	Obesity in dogs and cats: a metabolic and endocrine disorder. <b>2010</b> , 40, 221-39	107
1688	Drug-induced lipotoxicity: lipodystrophy associated with HIV-1 infection and antiretroviral treatment. <b>2010</b> , 1801, 392-9	61



1687	Development of a rapid culture method to induce adipocyte differentiation of human bone marrow-derived mesenchymal stem cells. <b>2010</b> , 394, 303-8	29
1686	Lack of adiponectin promotes formation of cholesterol gallstones in mice. <b>2010</b> , 399, 352-8	11
1685	ATF3 negatively regulates adiponectin receptor 1 expression. <b>2010</b> , 400, 72-7	26
1684	Preventive effect of grape seed extract against high-fructose diet-induced insulin resistance and oxidative stress in rats. <b>2010</b> , 48, 1853-7	77
1683	Adipose tissue and reproduction in women. <b>2010</b> , 94, 795-825	52
1682	The inflammasome-mediated caspase-1 activation controls adipocyte differentiation and insulin sensitivity. <b>2010</b> , 12, 593-605	472
1681	Adiponectin and adiponectin receptor system in the rat adrenal gland: ontogenetic and physiologic regulation, and its involvement in regulating adrenocortical growth and steroidogenesis. <b>2010</b> , 31, 1715-24	24
1680	Adiponectin receptor 2 is regulated by nutritional status, leptin and pregnancy in a tissue-specific manner. <b>2010</b> , 99, 91-9	15
1679	Ectopic fat and cardiovascular disease: what is the link?. <b>2010</b> , 20, 481-90	114
1678	Plasma adiponectin concentration and insulin resistance: role of successful kidney transplantation. <b>2010</b> , 42, 797-800	9
1677	Adiponectin deficiency exacerbates cardiac dysfunction following pressure overload through disruption of an AMPK-dependent angiogenic response. <b>2010</b> , 49, 210-20	91
1676	Reduced vascular responsiveness to adiponectin in hyperlipidemic rats--mechanisms and significance. <b>2010</b> , 49, 508-15	27
1675	Weight gain induced by an isocaloric pair-fed high fat diet: a nutriepigenetic study on FASN and NDUF6 gene promoters. <b>2010</b> , 101, 273-8	67
1674	Fucoxanthin regulates adipocytokine mRNA expression in white adipose tissue of diabetic/obese KK-Ay mice. <b>2010</b> , 504, 17-25	135
1673	Administration of natural astaxanthin increases serum HDL-cholesterol and adiponectin in subjects with mild hyperlipidemia. <b>2010</b> , 209, 520-3	155
1672	Clear detection of ADIPOQ locus as the major gene for plasma adiponectin: results of genome-wide association analyses including 4659 European individuals. <b>2010</b> , 208, 412-20	128
1671	Abnormal hepatic apolipoprotein B metabolism in type 2 diabetes. <b>2010</b> , 211, 353-60	63
1670	Adiponectin-mediated heme oxygenase-1 induction protects against iron-induced liver injury via a PPAR $\alpha$ -dependent mechanism. <b>2010</b> , 177, 1697-709	58

1669	Adipokine profile and insulin sensitivity in formerly obese women subjected to bariatric surgery or diet-induced long-term caloric restriction. <b>2010</b> , 65, 915-23	28
1668	Phentermine, topiramate and their combination for the treatment of adiposopathy ('sick fat') and metabolic disease. <b>2010</b> , 8, 1777-801	42
1667	Roux-en-Y gastric bypass alters tumor necrosis factor- $\alpha$ but not adiponectin signaling in immediate postoperative period in obese rats. <b>2010</b> , 6, 676-80	8
1666	Nuclear Hormone Receptor Medicinal Chemistry. <b>2010</b> , 77-188	
1665	Adiponectin prevents diabetic premature senescence of endothelial progenitor cells and promotes endothelial repair by suppressing the p38 MAP kinase/p16INK4A signaling pathway. <b>2010</b> , 59, 2949-59	101
1664	The proportion and metabolic effects of adiponectin multimeric isoforms in patients with chronic kidney disease on maintenance hemodialysis. <b>2010</b> , 32, 849-54	3
1663	Modulation of metabolic and cardiac dysfunctions by insulin sensitizers and angiotensin receptor blocker in rat model of type 2 diabetes mellitus. <b>2011</b> , 89, 216-26	9
1662	Regulation effects of <i>Crataegus pinnatifida</i> leaf on glucose and lipids metabolism. <b>2011</b> , 59, 4987-94	32
1661	Challenge of studies on the development of new Zn complexes (Zn(opt)) to treat diabetes mellitus. <b>2011</b> , 3, 686-92	22
1660	Association between eight adiponectin polymorphisms, obesity, and metabolic syndrome parameters in Tunisian volunteers. <b>2011</b> , 9, 419-26	16
1659	Liver fibrogenesis and metabolic factors. <b>2011</b> , 35 Suppl 1, S10-20	25
1658	[Obesity-related metabolic disorders in childhood and adolescence]. <b>2011</b> , 75, 135.e1-9	10
1657	Adiponectin and vulnerable atherosclerotic plaques. <b>2011</b> , 57, 761-70	62
1656	Tissue factor-protease-activated receptor 2 signaling promotes diet-induced obesity and adipose inflammation. <b>2011</b> , 17, 1490-7	112
1655	Tipping the balance: the pathophysiology of obesity and type 2 diabetes mellitus. <b>2011</b> , 91, 1139-48, vii	17
1654	Increase of high molecular weight adiponectin in hypertensive pregnancy was correlated with brain-type natriuretic peptide stimulation on adipocyte. <b>2011</b> , 1, 200-5	3
1653	Non-alcoholic fatty liver disease. <b>2011</b> , 48, 97-113	216
1652	Anti-obesity, antiatherogenic, anti-diabetic and antioxidant activities of <i>J. montana</i> ethanolic formulation in obese diabetic rats fed high-fat diet. <b>2011</b> , 1, 49-60	13

1651	Activin in glucose metabolism. <b>2011</b> , 85, 217-34	21
1650	Adiponectin enhances insulin sensitivity by increasing hepatic IRS-2 expression via a macrophage-derived IL-6-dependent pathway. <b>2011</b> , 13, 401-412	197
1649	Adiponectin is required for PPAR $\alpha$ -mediated improvement of endothelial function in diabetic mice. <b>2011</b> , 14, 104-15	91
1648	The implication of adiponectin and resistin in gastrointestinal diseases. <b>2011</b> , 22, 109-19	27
1647	Clinical Nutrition University: Muscle physiology and bioenergetics. <b>2011</b> , 6, e158-e164	2
1646	Possibility of increasing cholesterol efflux by adiponectin and its receptors through the ATP binding cassette transporter A1 in HEK293T cells. <b>2011</b> , 411, 305-11	9
1645	Adipose tissue biology and HIV-infection. <b>2011</b> , 25, 487-99	56
1644	Vascular biology of metabolic syndrome. <b>2011</b> , 54, 819-31	81
1643	Asthma and endocrine disorders: shared mechanisms and genetic pleiotropy. <b>2011</b> , 333, 103-11	15
1642	Effects of vaspin, chemerin and omentin-1 on feeding behavior and hypothalamic peptide gene expression in the rat. <b>2011</b> , 32, 1866-71	63
1641	Determinants of intramyocellular lipid accumulation after dietary fat loading in non-obese men. <b>2011</b> , 2, 310-7	28
1640	Clinicopathological features of non-alcoholic fatty liver disease. <b>2011</b> , 41, 911-20	20
1639	Hypertension in obesity. <b>2011</b> , 95, 903-17	82
1638	The role of mammalian sirtuins in the regulation of metabolism, aging, and longevity. <b>2011</b> , 206, 125-62	114
1637	Relationship of adiponectin with metabolic syndrome components in pubertal children. <b>2011</b> , 216, 467-70	20
1636	A longitudinal analysis on associations of adiponectin levels with metabolic syndrome and carotid artery intima-media thickness. The Cardiovascular Risk in Young Finns Study. <b>2011</b> , 217, 234-9	35
1635	Plasma total and high molecular weight adiponectin levels and risk of coronary heart disease in women. <b>2011</b> , 219, 322-9	71
1634	Serum leptin, adiponectin and tumor necrosis factor- $\alpha$ in hyperlipidemic rats with/without concomitant diabetes mellitus. <b>2011</b> , 17, 36-40	26

1633	Potential role of leptin, adiponectin and three novel adipokines--visfatin, chemerin and vaspin--in chronic hepatitis. <b>2011</b> , 17, 1397-410	67
1632	Association of circulating levels of leptin and adiponectin with metabolic syndrome and coronary heart disease in patients with various coronary risk factors. <b>2011</b> , 52, 17-22	37
1631	The intricate role of growth hormone in metabolism. <b>2011</b> , 2, 32	95
1630	Adiponectin action: a combination of endocrine and autocrine/paracrine effects. <b>2011</b> , 2, 62	55
1629	Beneficial effects of ethanol consumption on insulin resistance are only applicable to subjects without obesity or insulin resistance; drinking is not necessarily a remedy for metabolic syndrome. <b>2011</b> , 8, 3019-31	12
1628	Serum calcium levels are associated with novel cardiometabolic risk factors in the population-based CoLaus study. <b>2011</b> , 6, e18865	8
1627	Adipokines: new emerging roles in fertility and reproduction. <b>2011</b> , 66, 47-63	35
1626	Downregulation of adiponectin induced by tumor necrosis factor $\alpha$ is involved in the aggravation of posttraumatic myocardial ischemia/reperfusion injury. <b>2011</b> , 39, 1935-43	42
1625	Farnesyl pyrophosphate regulates adipocyte functions as an endogenous PPAR $\alpha$ agonist. <b>2011</b> , 438, 111-9	43
1624	Association between serum high-molecular-weight adiponectin level and the severity of chronic graft-versus-host disease in allogeneic stem cell transplantation recipients. <b>2011</b> , 117, 3469-72	12
1623	Mechanisms and Complications of Metabolic Syndrome. <b>2011</b> , 177-197	
1622	Chronic inflammation links cardiovascular, metabolic and renal diseases. <b>2011</b> , 75, 2739-48	172
1621	Inflammatory cytokines, adiponectin, insulin resistance and metabolic control after periodontal intervention in patients with type 2 diabetes and chronic periodontitis. <b>2011</b> , 50, 1569-74	113
1620	4. Molecular Mechanism and Treatment Strategy of Type 2 Diabetes. <b>2011</b> , 100, 57a-64a	
1619	[Obesity: Progress in diagnosis and treatment; Topics, III. Obesity and its complications; 1. Obesity and diabetes]. <b>2011</b> , 100, 939-44	2
1618	[108th Scientific Meeting of the Japanese Society of Internal Medicine: invited lecture: 4. Molecular mechanism and treatment strategy of type 2 diabetes]. <b>2011</b> , 100, 2437-46	1
1617	Plasma adiponectin concentration and left ventricular hypertrophy in kidney transplant patients. <b>2011</b> , 25, 561-8	5
1616	Independent relationships of obesity and insulin resistance with serum proinsulin level in prepubertal children with normal glucose tolerance. <b>2011</b> , 12, 235-41	5

1615	Regulation of stem cell differentiation in adipose tissue by chronic inflammation. <b>2011</b> , 38, 872-8	44
1614	Adipokines in inflammation, insulin resistance and cardiovascular disease. <b>2011</b> , 38, 888-96	44
1613	Adiponectin as an anti-inflammatory factor in the pathogenesis of psoriasis: induction of elevated serum adiponectin levels following therapy. <b>2011</b> , 164, 667-70	45
1612	Adiponectin in relation to insulin sensitivity and insulin secretion in the development of type 2 diabetes: a prospective study in 64-year-old women. <b>2011</b> , 269, 636-43	28
1611	Serum adiponectin concentration is a positive predictor of all-cause and cardiovascular mortality in type 1 diabetes. <b>2011</b> , 270, 346-55	53
1610	Association of angiopoietin-2, C-reactive protein and markers of obesity and insulin resistance with survival outcome in colorectal cancer. <b>2011</b> , 104, 51-9	55
1609	Meta-analysis: circulating adiponectin levels and risk of colorectal cancer and adenoma. <b>2011</b> , 12, 234-44	66
1608	Oleic acid and adipokines synergize in inducing proliferation and inflammatory signalling in human vascular smooth muscle cells. <b>2011</b> , 15, 1177-88	49
1607	Effects of diabetes family history and exercise training on the expression of adiponectin and leptin and their receptors. <b>2011</b> , 60, 206-14	14
1606	Serum total adiponectin in nonalcoholic fatty liver disease: a systematic review and meta-analysis. <b>2011</b> , 60, 313-26	213
1605	Role of AMP-activated protein kinase and adiponectin during development of hepatic steatosis in high-fat diet-induced obesity in rats. <b>2011</b> , 145, 88-94	32
1604	Podocytopathy in diabetes: a metabolic and endocrine disorder. <b>2011</b> , 58, 637-46	70
1603	Regular physical exercise training assists in preventing type 2 diabetes development: focus on its antioxidant and anti-inflammatory properties. <b>2011</b> , 10, 12	143
1602	Fish oil consumption prevents glucose intolerance and hypercorticosteronemia in footshock-stressed rats. <b>2011</b> , 10, 71	8
1601	A variant upstream of the CDH13 adiponectin receptor gene and metabolic syndrome in Swedes. <b>2011</b> , 108, 1432-7	38
1600	Effects of nevirapine and efavirenz on human adipocyte differentiation, gene expression, and release of adipokines and cytokines. <b>2011</b> , 91, 112-9	35
1599	Activation of AMPK by berberine promotes adiponectin multimerization in 3T3-L1 adipocytes. <b>2011</b> , 585, 1735-40	38
1598	Controversies in gestational diabetes. <b>2011</b> , 25, 37-49	39

1597	AdipoR1 and 2 are expressed on warm sensitive neurons of the hypothalamic preoptic area and contribute to central hyperthermic effects of adiponectin. <b>2011</b> , 1423, 1-9	19
1596	Adiponectin and plant-derived mammalian adiponectin homolog exert a protective effect in murine colitis. <b>2011</b> , 56, 2818-32	29
1595	Estimation of the contribution of biomarkers of different metabolic pathways to risk of type 2 diabetes. <b>2011</b> , 26, 29-38	34
1594	Mitochondrial diabetes is associated with insulin resistance in subcutaneous adipose tissue but not with increased liver fat content. <b>2011</b> , 34, 1205-12	5
1593	The role of obesity in kidney disease: recent findings and potential mechanisms. <b>2011</b> , 43, 771-84	46
1592	Evaluation of microalbuminuria in obese children and its relation to metabolic syndrome. <b>2011</b> , 26, 2193-9	24
1591	Polymorphism in a microsatellite of the acrp30 gene and its association with growth traits in goats. <b>2011</b> , 49, 533-9	3
1590	Orexin A stimulates glucose uptake, lipid accumulation and adiponectin secretion from 3T3-L1 adipocytes and isolated primary rat adipocytes. <b>2011</b> , 54, 1841-52	70
1589	Adiponectin and breast cancer. <b>2011</b> , 28, 1288-95	33
1588	Hepatic expression of adiponectin receptors increases with non-alcoholic fatty liver disease progression in morbid obesity in correlation with glutathione peroxidase 1. <b>2011</b> , 21, 492-500	24
1587	Dietary saury oil reduces hyperglycemia and hyperlipidemia in diabetic KKAY mice and in diet-induced obese C57BL/6J mice by altering gene expression. <b>2011</b> , 46, 425-34	27
1586	Resistant hypertension in the high-risk metabolic patient. <b>2011</b> , 11, 41-6	15
1585	Functional adiponectin resistance and exercise intolerance in heart failure. <b>2011</b> , 8, 113-22	18
1584	Effect of Ganoderma lucidum extract on adipocyte differentiation and adiponectin gene expression in the murine pre-adipocyte cell line, 3T3-L1. <b>2011</b> , 25, 202-7	13
1583	Chronic dietary intake of quercetin alleviates hepatic fat accumulation associated with consumption of a Western-style diet in C57/BL6J mice. <b>2011</b> , 55, 530-40	173
1582	Serum level of adiponectin and the risk of liver cancer development in chronic hepatitis C patients. <b>2011</b> , 129, 2226-35	54
1581	Apolipoprotein A-I mimetic peptide L-4F prevents myocardial and coronary dysfunction in diabetic mice. <b>2011</b> , 112, 2616-26	28
1580	Up-regulation of the novel proinflammatory adipokines lipocalin-2, chitinase-3 like-1 and osteopontin as well as angiogenic-related factors in visceral adipose tissue of patients with colon cancer. <b>2011</b> , 22, 634-41	46

1579	Involvement of endothelial apoptosis underlying chronic obstructive pulmonary disease-like phenotype in adiponectin-null mice: implications for therapy. <b>2011</b> , 183, 1164-75	53
1578	The inflammasome and caspase-1 activation: a new mechanism underlying increased inflammatory activity in human visceral adipose tissue. <b>2011</b> , 152, 3769-78	81
1577	ASH and NASH. <b>2011</b> , 29, 202-10	59
1576	Distinct effects of oleic acid and its trans-isomer elaidic acid on the expression of myokines and adipokines in cell models. <b>2011</b> , 105, 1226-34	35
1575	Cross-sectional evidence of a signaling pathway from bone homeostasis to glucose metabolism. <b>2011</b> , 96, E884-90	40
1574	Substance P (SP)-neurokinin-1 receptor (NK-1R) alters adipose tissue responses to high-fat diet and insulin action. <b>2011</b> , 152, 2197-205	28
1573	Adipokines and redox signaling: impact on fatty liver disease. <b>2011</b> , 15, 461-83	47
1572	Reduced cardioprotective action of adiponectin in high-fat diet-induced type II diabetic mice and its underlying mechanisms. <b>2011</b> , 15, 1779-88	48
1571	Dietary capsaicin attenuates metabolic dysregulation in genetically obese diabetic mice. <b>2011</b> , 14, 310-5	80
1570	Characterization and transcriptional regulation analysis of the porcine PAQR6 gene. <b>2011</b> , 30, 947-54	4
1569	Resolvin D1 decreases adipose tissue macrophage accumulation and improves insulin sensitivity in obese-diabetic mice. <b>2011</b> , 25, 2399-407	214
1568	A genome-wide association study reveals a quantitative trait locus of adiponectin on CDH13 that predicts cardiometabolic outcomes. <b>2011</b> , 60, 2417-23	91
1567	Decreased concentration of adiponectin together with a selective reduction of its high molecular weight oligomers is involved in metabolic complications of myotonic dystrophy type 1. <b>2011</b> , 165, 969-75	24
1566	Urinary cystatin C as a potential risk marker for cardiovascular disease and chronic kidney disease in patients with obesity and metabolic syndrome. <b>2011</b> , 6, 265-73	29
1565	Nontraditional risk factors and biomarkers for cardiovascular disease: mechanistic, research, and clinical considerations for youth: a scientific statement from the American Heart Association. <b>2011</b> , 123, 2749-69	227
1564	Dietary fructo-oligosaccharides improve insulin sensitivity along with the suppression of adipocytokine secretion from mesenteric fat cells in rats. <b>2011</b> , 106, 1190-7	13
1563	FoxO1 mediates an autofeedback loop regulating SIRT1 expression. <b>2011</b> , 286, 5289-99	152
1562	Genetic defect in phospholipase C $\beta$ protects mice from obesity by regulating thermogenesis and adipogenesis. <b>2011</b> , 60, 1926-37	38

1561	Epidemic of cardiometabolic diseases: a Latin American point of view. <b>2011</b> , 5, 119-31	32
1560	Differential expression of novel adiponectin receptor-1 transcripts in skeletal muscle of subjects with normal glucose tolerance and type 2 diabetes. <b>2011</b> , 60, 936-46	8
1559	Biomarkers in Type 2 diabetes: improving risk stratification with the PreDx $\square$ Diabetes Risk Score. <b>2011</b> , 11, 775-92	10
1558	Aging-associated changes in physical performance and energy metabolism in the senescence-accelerated mouse. <b>2011</b> , 66, 646-55	21
1557	Hyperuricemia as a mediator of the proinflammatory endocrine imbalance in the adipose tissue in a murine model of the metabolic syndrome. <b>2011</b> , 60, 1258-69	284
1556	Anti-Obesity and Anti-Diabetic Effects of Acacia Polyphenol in Obese Diabetic KKAy Mice Fed High-Fat Diet. <b>2011</b> , 2011, 952031	73
1555	Metabolic regulation in progression to autoimmune diabetes. <b>2011</b> , 7, e1002257	65
1554	Antidiabetic Activities of <i>Abutilon indicum</i> (L.) Sweet Are Mediated by Enhancement of Adipocyte Differentiation and Activation of the GLUT1 Promoter. <b>2011</b> , 2011, 167684	21
1553	Low serum adiponectin levels in children and adolescents with diabetic retinopathy. <b>2011</b> , 43, 18-22	7
1552	Dynamic alteration of adiponectin/adiponectin receptor expression and its impact on myocardial ischemia/reperfusion in type 1 diabetic mice. <b>2011</b> , 301, E447-55	18
1551	Systemic upregulation of NADPH oxidase in diet-induced obesity in rats. <b>2011</b> , 16, 223-9	43
1550	Global mapping of cell type-specific open chromatin by FAIRE-seq reveals the regulatory role of the NFI family in adipocyte differentiation. <b>2011</b> , 7, e1002311	89
1549	APPL1 mediates adiponectin-stimulated p38 MAPK activation by scaffolding the TAK1-MKK3-p38 MAPK pathway. <b>2011</b> , 300, E103-10	66
1548	Adiponectin and all-cause mortality in elderly people with type 2 diabetes. <b>2012</b> , 35, 1858-63	30
1547	Identification of the topology and functional domains of PAQR10. <b>2012</b> , 443, 643-53	4
1546	PET imaging reveals distinctive roles for different regional adipose tissue depots in systemic glucose metabolism in nonobese humans. <b>2012</b> , 303, E1134-41	39
1545	<i>Ficus deltoidea</i> : A Potential Alternative Medicine for Diabetes Mellitus. <b>2012</b> , 2012, 632763	33
1544	Antidiabetic properties of germinated brown rice: a systematic review. <b>2012</b> , 2012, 816501	55



1543	Blunted blood pressure response and elevated plasma adiponectin levels in female Sprague Dawley rats. <b>2012</b> , 25, 612-9	11
1542	Role of transcription factor modifications in the pathogenesis of insulin resistance. <b>2012</b> , 2012, 716425	15
1541	Adipose tissue-specific deletion of 12/15-lipoxygenase protects mice from the consequences of a high-fat diet. <b>2012</b> , 2012, 851798	38
1540	Chronic heat stress up-regulates leptin and adiponectin secretion and expression and improves leptin, adiponectin and insulin sensitivity in mice. <b>2012</b> , 48, 129-38	61
1539	Sex dimorphism in the relation between early adiposity and cardiometabolic risk in adolescents. <b>2012</b> , 97, E1014-22	30
1538	Effects of di(2-ethylhexyl) phthalate (DEHP) on female fertility and adipogenesis in C3H/N mice. <b>2012</b> , 120, 1123-9	134
1537	A duplication CNV that conveys traits reciprocal to metabolic syndrome and protects against diet-induced obesity in mice and men. <b>2012</b> , 8, e1002713	33
1536	Total and high-molecular-weight adiponectin and risk of incident diabetes in older people. <b>2012</b> , 35, 415-23	42
1535	Myonectin (CTRP15), a novel myokine that links skeletal muscle to systemic lipid homeostasis. <b>2012</b> , 287, 11968-80	233
1534	Improvement of vitamin D status via daily intake of fortified yogurt drink either with or without extra calcium ameliorates systemic inflammatory biomarkers, including adipokines, in the subjects with type 2 diabetes. <b>2012</b> , 97, 2005-11	88
1533	Expression levels of adiponectin receptors are decreased in human endometrial adenocarcinoma tissues. <b>2012</b> , 31, 352-7	23
1532	Adiponectin and its receptors in preimplantation embryo development. <b>2012</b> , 90, 211-38	9
1531	EGF receptor (ERBB1) abundance in adipose tissue is reduced in insulin-resistant and type 2 diabetic women. <b>2012</b> , 97, E329-40	16
1530	Biomarkers for insulin resistance and inflammation and the risk for all-cause dementia and alzheimer disease: results from the Framingham Heart Study. <b>2012</b> , 69, 594-600	141
1529	Isomer-specific effects of conjugated linoleic acid on blood pressure, adipocyte size and function. <b>2012</b> , 107, 1413-21	12
1528	Angelica keiskei extract improves insulin resistance and hypertriglyceridemia in rats fed a high-fructose drink. <b>2012</b> , 76, 928-32	27
1527	Dietary saponins of sea cucumber ameliorate obesity, hepatic steatosis, and glucose intolerance in high-fat diet-fed mice. <b>2012</b> , 15, 909-16	31
1526	Association of coffee consumption with serum adiponectin, leptin, inflammation and metabolic markers in Japanese workers: a cross-sectional study. <b>2012</b> , 2, e33	78

1525	Mitochondrial dysfunction and activation of iNOS are responsible for the palmitate-induced decrease in adiponectin synthesis in 3T3L1 adipocytes. <b>2012</b> , 44, 562-70	34
1524	Immunotherapeutic applications of IL-18. <b>2012</b> , 4, 1883-94	17
1523	CTRP1 protein enhances fatty acid oxidation via AMP-activated protein kinase (AMPK) activation and acetyl-CoA carboxylase (ACC) inhibition. <b>2012</b> , 287, 1576-87	111
1522	Adiponectin regulates cutaneous wound healing by promoting keratinocyte proliferation and migration via the ERK signaling pathway. <b>2012</b> , 189, 3231-41	98
1521	Rapid and weight-independent improvement of glucose tolerance induced by a peptide designed to elicit apoptosis in adipose tissue endothelium. <b>2012</b> , 61, 2299-310	20
1520	Adiponectin effects and gene expression in rainbow trout: an in vivo and in vitro approach. <b>2012</b> , 215, 1373-83	39
1519	Testosterone therapy decreases subcutaneous fat and adiponectin in aging men. <b>2012</b> , 166, 469-76	54
1518	Adiponectin concentration in plasma is associated with muscle fiber size in healthy middle-aged men. <b>2012</b> , 72, 395-402	8
1517	Effects of rilpivirine on human adipocyte differentiation, gene expression, and release of adipokines and cytokines. <b>2012</b> , 56, 3369-75	21
1516	Regular consumption of pulses for 8 weeks reduces metabolic syndrome risk factors in overweight and obese adults. <b>2012</b> , 108 Suppl 1, S111-22	61
1515	Fat-specific DsbA-L overexpression promotes adiponectin multimerization and protects mice from diet-induced obesity and insulin resistance. <b>2012</b> , 61, 2776-86	57
1514	Glucose-based peritoneal dialysis solution suppresses adiponectin synthesis through oxidative stress in an experimental model of peritoneal dialysis. <b>2012</b> , 32, 20-8	13
1513	Essential role of caveolin-3 in adiponectin signalsome formation and adiponectin cardioprotection. <b>2012</b> , 32, 934-42	35
1512	Serum concentrations of resistin and adiponectin and their relationship to insulin resistance in subjects with impaired glucose tolerance. <b>2012</b> , 40, 621-30	17
1511	Major involvement of mTOR in the PPAR $\alpha$ -induced stimulation of adipose tissue lipid uptake and fat accretion. <b>2012</b> , 53, 1117-25	88
1510	A comparative study on the expression, purification and functional characterization of human adiponectin in <i>Pichia pastoris</i> and <i>Escherichia coli</i> . <b>2012</b> , 13, 3549-62	14
1509	Antilipogenic and anti-inflammatory activities of <i>Codonopsis lanceolata</i> in mice hepatic tissues after chronic ethanol feeding. <b>2012</b> , 2012, 141395	13
1508	Resolution of inflammation: therapeutic potential of pro-resolving lipids in type 2 diabetes mellitus and associated renal complications. <b>2012</b> , 3, 318	34

1507	Insulin resistance in patients with chronic kidney disease. <b>2012</b> , 2012, 691369	68
1506	Sepsis-Induced Adipokine Change with regard to Insulin Resistance. <b>2012</b> , 2012, 972368	24
1505	Serum adiponectin level and different kinds of cancer: a review of recent evidence. <b>2012</b> , 2012, 982769	29
1504	Mechanisms of current therapies for diabetes mellitus type 2. <b>2012</b> , 36, 275-83	18
1503	Metabolic syndrome, obesity, and gastrointestinal cancer. <b>2012</b> , 2012, 483623	17
1502	Beyond PPARs and Metformin. <b>2012</b> , 177-192	4
1501	Relationship between adipocytokines and cardiovascular risk factors in patients with type 2 diabetes mellitus. <b>2012</b> , 4, 113-120	57
1500	Relationship between several markers and presence of metabolic syndrome or components of the metabolic syndrome in Japanese workers. <b>2012</b> , 54, 984-8	2
1499	Antidiabetic Compounds from Marine Organisms and Their Properties. <b>2012</b> , 7-20	
1498	Adipose tissue inflammation and ectopic lipid accumulation. <b>2012</b> , 59, 849-57	133
1497	Fenretinide ameliorates insulin resistance and fatty liver in obese mice. <b>2012</b> , 35, 369-75	20
1496	Polymethoxyflavonoids from <i>Kaempferia parviflora</i> induce adipogenesis on 3T3-L1 preadipocytes by regulating transcription factors at an early stage of differentiation. <b>2012</b> , 35, 686-92	33
1495	A morbid obese Japanese woman with a body mass index of 83.2 kg/m <sup>2</sup> : before and after sleeve gastrectomy. <b>2012</b> , 51, 969-75	1
1494	Peripheral signalling involved in energy homeostasis control. <b>2012</b> , 25, 223-48	45
1493	Insulin sensitization with a peroxisome proliferator-activated receptor $\beta$ agonist prevents adrenocortical lipid infiltration and secretory changes induced by a high-sucrose diet. <b>2012</b> , 214, 267-76	8
1492	Adipokines, ghrelin and obesity-associated insulin resistance in nondiabetic patients with acute coronary syndrome. <b>2012</b> , 20, 2348-53	9
1491	Analysis of adipokine concentrations in paediatric non-alcoholic fatty liver disease. <b>2012</b> , 7, 471-9	35
1490	Obestatin regulates adipocyte function and protects against diet-induced insulin resistance and inflammation. <b>2012</b> , 26, 3393-411	67

1489	<i>Drosophila</i> insulin-like peptide-6 (dilp6) expression from fat body extends lifespan and represses secretion of <i>Drosophila</i> insulin-like peptide-2 from the brain. <b>2012</b> , 11, 978-85	171
1488	Inflammation and type 2 diabetes. <b>2012</b> , 38, 183-91	249
1487	Brain-gut-adipose-tissue communication pathways at a glance. <b>2012</b> , 5, 583-7	51
1486	LeDiponectine : une adipokine aux multiples visages. <b>2012</b> , 7, 250-258	2
1485	Resveratrol-induced changes of the human adipocyte secretion profile. <b>2012</b> , 11, 4733-43	29
1484	Mapping body fat distribution: a key step towards the identification of the vulnerable patient?. <b>2012</b> , 44, 758-72	40
1483	Adiponectin gene therapy ameliorates high-fat, high-sucrose diet-induced metabolic perturbations in mice. <b>2012</b> , 2, e45	27
1482	Viscous dietary fiber reduces adiposity and plasma leptin and increases muscle expression of fat oxidation genes in rats. <b>2012</b> , 20, 349-55	35
1481	Adiponectin and its globular fragment differentially modulate the oxidative burst of primary human phagocytes. <b>2012</b> , 180, 682-92	39
1480	Study on the usefulness of high-molecular-weight (HMW)-Adiponectin level check of Japanese general population upon health check: comparison of carotid ultrasonography measurement. <b>2012</b> , 45, 72-6	6
1479	Plasma total adiponectin levels in pediatrics: reference intervals calculated as a continuous variable of age. <b>2012</b> , 45, 1703-5	11
1478	Changes in adipokines after transjugular intrahepatic porto-systemic shunt indicate an anabolic shift in metabolism. <b>2012</b> , 31, 940-5	13
1477	Effect of a somatostatin infusion on circulating levels of adipokines in obese women. <b>2012</b> , 61, 1797-802	4
1476	Effects of pioglitazone and/or simvastatin on circulating TNF $\alpha$ and adiponectin levels in insulin resistance. <b>2012</b> , 9, 201-9	7
1475	Six new chalcones from <i>Angelica keiskei</i> inducing adiponectin production in 3T3-L1 adipocytes. <b>2012</b> , 76, 961-6	17
1474	<i>Opuntia ficus indica</i> (nopal) attenuates hepatic steatosis and oxidative stress in obese Zucker (fa/fa) rats. <b>2012</b> , 142, 1956-63	46
1473	Predictive ability of serum high-molecular-weight adiponectin in combination with serum insulin and serum C-reactive protein for the presence of metabolic syndrome. <b>2012</b> , 39, 108-12	12
1472	Safflomidol increases the expression of adiponectin in vitro and in vivo: potential implication for hypoadiponectemia, visceral obesity, and insulin resistance. <b>2012</b> , 60, 4048-52	2

1471	Oral ingestion of aloe vera phytosterols alters hepatic gene expression profiles and ameliorates obesity-associated metabolic disorders in Zucker diabetic fatty rats. <b>2012</b> , 60, 2799-806	95
1470	The adipocyte as an endocrine organ in the regulation of metabolic homeostasis. <b>2012</b> , 63, 57-75	195
1469	CTRP family: linking immunity to metabolism. <b>2012</b> , 23, 194-204	201
1468	Cytokines in alcoholic liver disease. <b>2012</b> , 86, 1337-48	90
1467	Hepatocellular carcinoma in non-alcoholic fatty liver disease: an emerging menace. <b>2012</b> , 56, 1384-91	606
1466	Adiponectin self-regulates its expression and multimerization in adipose tissue: an autocrine/paracrine mechanism?. <b>2012</b> , 78, 75-8	4
1465	Ascofuranone stimulates expression of adiponectin and peroxisome proliferator activated receptor through the modulation of mitogen activated protein kinase family members in 3T3-L1, murine pre-adipocyte cell line. <b>2012</b> , 422, 423-8	8
1464	Adiponectin oligomerization state and adiponectin receptors airway expression in chronic obstructive pulmonary disease. <b>2012</b> , 44, 563-9	58
1463	Leptin and adiponectin, but not IL18, are related with insulin resistance in treated HIV-1-infected patients with lipodystrophy. <b>2012</b> , 58, 253-60	22
1462	Physiological, pathological and potential therapeutic roles of adipokines. <b>2012</b> , 17, 880-9	97
1461	Adiponectin gene polymorphisms (T45G and G276T), adiponectin levels and risk for metabolic diseases in an Arab population. <b>2012</b> , 493, 142-7	34
1460	Construction of adiponectin-encoding plasmid DNA and overexpression in mice in vivo. <b>2012</b> , 502, 87-93	11
1459	Low plasma adiponectin levels predict increased urinary albumin/creatinine ratio in type 2 diabetes patients. <b>2012</b> , 44, 1151-7	15
1458	Promotion of adiponectin multimerization by emodin: a novel AMPK activator with PPAR $\alpha$ agonist activity. <b>2012</b> , 113, 3547-58	46
1457	Time-course microarrays reveal early activation of the immune transcriptome and adipokine dysregulation leads to fibrosis in visceral adipose depots during diet-induced obesity. <b>2012</b> , 13, 450	72
1456	Black rice ( <i>Oryza sativa</i> L.) extract attenuates hepatic steatosis in C57BL/6 J mice fed a high-fat diet via fatty acid oxidation. <b>2012</b> , 9, 27	67
1455	Exploring metabolic dysfunction in chronic kidney disease. <b>2012</b> , 9, 36	58
1454	AICAR inhibits ceramide biosynthesis in skeletal muscle. <b>2012</b> , 4, 45	21

1453	The role of adiponectin in cancer: a review of current evidence. <b>2012</b> , 33, 547-94	411
1452	The therapeutic potential of the adiponectin pathway. <b>2012</b> , 26, 1-8	20
1451	Effects of ezetimibe on visceral fat in the metabolic syndrome: a randomised controlled study. <b>2012</b> , 42, 1287-94	34
1450	Adiponectin: a novel link between adipocytes and COPD. <b>2012</b> , 90, 419-35	13
1449	Blood pressure decrease with ingestion of a soya product (kinako) or fish oil in women with the metabolic syndrome: role of adiponectin and nitric oxide. <b>2012</b> , 108, 1435-42	38
1448	Adiponectin and reproduction. <b>2012</b> , 90, 187-209	14
1447	Jomthonic acid , a modified amino acid from a soil-derived Streptomyces. <b>2012</b> , 75, 986-90	13
1446	Regulation and function of adiponectin receptors in skeletal muscle. <b>2012</b> , 90, 95-123	7
1445	Globular adiponectin inhibits ethanol-induced apoptosis in HepG2 cells through heme oxygenase-1 induction. <b>2012</b> , 84, 974-83	39
1444	Genetics of adiponectin. <b>2012</b> , 94, 2157-63	32
1443	Adiponectin: anti-inflammatory and cardioprotective effects. <b>2012</b> , 94, 2143-9	123
1442	Genetic association of adiponectin gene polymorphisms (+45T/G and +10211T/G) with type 2 diabetes in North Indians. <b>2012</b> , 6, 65-9	16
1441	Second trimester amniotic fluid adiponectin level is affected by maternal tobacco exposure, insulin, and PAPP-A level. <b>2012</b> , 165, 189-93	3
1440	Pioglitazone prevents hyperglycemia induced decrease of AdipoR1 and AdipoR2 in coronary arteries and coronary VSMCs. <b>2012</b> , 363, 27-35	13
1439	Adiponectin and osteocalcin: relation to insulin sensitivity. <b>2012</b> , 90, 613-20	22
1438	Mechanisms of simple hepatic steatosis: not so simple after all. <b>2012</b> , 16, 505-24	19
1437	Lysophosphatidylcholine acyltransferase 3 is the key enzyme for incorporating arachidonic acid into glycerophospholipids during adipocyte differentiation. <b>2012</b> , 13, 16267-80	24
1436	Cardiovascular metabolic syndrome: mediators involved in the pathophysiology from obesity to coronary heart disease. <b>2012</b> , 6, 35-52	22

1435	The impact of glutathione transferase kappa deficiency on adiponectin multimerisation in vivo. <b>2012</b> , 36, 1366-9	14
1434	Preventive and improvement effects of exercise training and supplement intake in white adipose tissues on obesity and lifestyle-related diseases. <b>2012</b> , 17, 348-56	6
1433	Race-ethnic differences in adipokine levels: the Study of Women's Health Across the Nation (SWAN). <b>2012</b> , 61, 1261-9	61
1432	Prajinamide, a new modified peptide from a soil-derived Streptomyces. <b>2012</b> , 65, 157-159	7
1431	Getting 'Smad' about obesity and diabetes. <b>2012</b> , 2, e29	53
1430	Adiponectin, diabetes and ischemic heart failure: a challenging relationship. <b>2012</b> , 11, 151	20
1429	Diabetes in an Undergraduate Class. <b>2012</b> , 35-71	
1428	The adipokine adiponectin has potent anti-fibrotic effects mediated via adenosine monophosphate-activated protein kinase: novel target for fibrosis therapy. <b>2012</b> , 14, R229	70
1427	Potent PPAR $\alpha$ activator derived from tomato juice, 13-oxo-9,11-octadecadienoic acid, decreases plasma and hepatic triglyceride in obese diabetic mice. <b>2012</b> , 7, e31317	55
1426	Targeted inactivation of GPR26 leads to hyperphagia and adiposity by activating AMPK in the hypothalamus. <b>2012</b> , 7, e40764	10
1425	The activities of lysyl hydroxylase 3 (LH3) regulate the amount and oligomerization status of adiponectin. <b>2012</b> , 7, e50045	12
1424	Biglycan deletion alters adiponectin expression in murine adipose tissue and 3T3-L1 adipocytes. <b>2012</b> , 7, e50554	6
1423	Genetic variations in ADIPOQ gene are associated with chronic obstructive pulmonary disease. <b>2012</b> , 7, e50848	21
1422	Adiponectin is protective against oxidative stress induced cytotoxicity in amyloid-beta neurotoxicity. <b>2012</b> , 7, e52354	91
1421	Regular physical exercise as a strategy to improve antioxidant and anti-inflammatory status: benefits in type 2 diabetes mellitus. <b>2012</b> , 2012, 741545	55
1420	Therapeutic Effect of Fucoxanthin on Metabolic Syndrome and Type 2 Diabetes. <b>2012</b> , 367-379	2
1419	Pathophysiological role and therapeutic implications of inflammation in diabetic nephropathy. <b>2012</b> , 3, 7-18	76
1418	The Relationship among Insulin Resistance, Blood Profiles and Nutrient Intake in Overweight or Obese Children and Adolescents. <b>2012</b> , 17, 530	5

1417	Adiponectin: regulation of its production and its role in human diseases. <b>2012</b> , 11, 8-20	178
1416	Fetuin-A levels in obesity: differences in relation to metabolic syndrome and correlation with clinical and laboratory variables. <b>2012</b> , 8, 826-33	41
1415	Hair growth-promoting effects of adiponectin in vitro. <b>2012</b> , 132, 2849-51	18
1414	The association of circulating adiponectin levels with pancreatic cancer risk: a study within the prospective EPIC cohort. <b>2012</b> , 130, 2428-37	29
1413	A role for sphingolipids in the pathophysiology of obesity-induced inflammation. <b>2012</b> , 69, 2135-46	50
1412	Inflammation and fibrogenesis in steatohepatitis. <b>2012</b> , 47, 215-25	110
1411	Perivascular adipose tissue from human systemic and coronary vessels: the emergence of a new pharmacotherapeutic target. <b>2012</b> , 165, 670-82	75
1410	Elevation of serum high molecular weight adiponectin in patients with Type 2 diabetes and orthostatic hypotension: association with arterial stiffness and hypercoagulability. <b>2012</b> , 29, 80-7	16
1409	Negative regulation of adiponectin secretion by receptor interacting protein 140 (RIP140). <b>2012</b> , 24, 71-6	18
1408	A single nucleotide polymorphism of the adenosine deaminase, RNA-specific gene is associated with the serum triglyceride level, abdominal circumference, and serum adiponectin concentration. <b>2012</b> , 47, 183-7	19
1407	Swimming training beneficial effects in a mice model of nonalcoholic fatty liver disease. <b>2012</b> , 64, 273-82	35
1406	The insulin sensitizing effects of PPAR- $\delta$ agonist are associated to changes in adiponectin index and adiponectin receptors in Zucker fatty rats. <b>2012</b> , 174, 18-25	14
1405	Short-term walnut consumption increases circulating total adiponectin and apolipoprotein A concentrations, but does not affect markers of inflammation or vascular injury in obese humans with the metabolic syndrome: data from a double-blinded, randomized, placebo-controlled study. <b>2012</b> , 61, 577-82	43
1404	Dietary intake of medium- and long-chain triacylglycerols ameliorates insulin resistance in rats fed a high-fat diet. <b>2012</b> , 28, 92-7	28
1403	Epoxyeicosatrienoic acids and heme oxygenase-1 interaction attenuates diabetes and metabolic syndrome complications. <b>2012</b> , 97, 1-16	31
1402	Platycodon grandiflorum modifies adipokines and the glucose uptake in high-fat diet in mice and L6 muscle cells. <b>2012</b> , 64, 697-704	14
1401	Protective effects of adiponectin against renal ischemia-reperfusion injury via prostacyclin-PPAR- $\delta$ -heme oxygenase-1 signaling pathway. <b>2012</b> , 227, 239-49	61
1400	Expression of adiponectin receptors 1 (AdipoR1) and 2 (AdipoR2) in the porcine pituitary during the oestrous cycle. <b>2013</b> , 11, 18	27



1399	mTOR and regulation of energy homeostasis in humans. <b>2013</b> , 91, 1167-75	19
1398	Combined treatment with low-dose pioglitazone and beraprost sodium improves glucose intolerance without causing body weight gain. <b>2013</b> , 4, 226-232	2
1397	AdipoR1 and AdipoR2 gene expression are regulated by thyroid hormones in adipose tissue. <b>2013</b> , 377, 55-63	10
1396	Effect of barley flour, crude cinnamon, and their combination on glycemia, dyslipidemia, and adipose tissue hormones in type 2 diabetic rats. <b>2013</b> , 16, 656-62	23
1395	Development, validation, and pilot application of a semiquantitative Western blot analysis and an ELISA for bovine adiponectin. <b>2013</b> , 44, 121-30	46
1394	Clinical features, diagnostic criteria and pathogenesis of diabetes mellitus. <b>2012</b> , 771, 340-55	32
1393	A comprehensive investigation of variants in genes encoding adiponectin (ADIPOQ) and its receptors (ADIPOR1/R2), and their association with serum adiponectin, type 2 diabetes, insulin resistance and the metabolic syndrome. <b>2013</b> , 14, 15	56
1392	Zinc-alpha2-glycoprotein in patients with acute and chronic kidney disease. <b>2013</b> , 14, 145	18
1391	Associations of epicardial fat with coronary calcification, insulin resistance, inflammation, and fibroblast growth factor-23 in stage 3-5 chronic kidney disease. <b>2013</b> , 14, 26	37
1390	Antidiabetic treatment restores adiponectin serum levels and APPL1 expression, but does not improve adiponectin-induced vasodilation and endothelial dysfunction in Zucker diabetic fatty rats. <b>2013</b> , 12, 46	15
1389	Adiponectin protects Leydig cells against proinflammatory cytokines by suppressing the nuclear factor- $\kappa$ B signaling pathway. <b>2013</b> , 280, 3920-7	27
1388	Adiponectin as predictor for diabetes among pre-diabetic groups. <b>2013</b> , 44, 411-8	10
1387	Adipose tissue is inflamed in NAFLD due to obesity but not in NAFLD due to genetic variation in PNPLA3. <b>2013</b> , 56, 886-92	38
1386	Adiponectin increases glucose-induced insulin secretion through the activation of lipid oxidation. <b>2013</b> , 50, 851-7	19
1385	Improved insulin sensitivity associated with reduced mitochondrial complex IV assembly and activity. <b>2013</b> , 27, 1371-80	26
1384	Effects of individual and combined dietary weight loss and exercise interventions in postmenopausal women on adiponectin and leptin levels. <b>2013</b> , 274, 163-75	84
1383	Insulin resistance and adipose-derived hormones in young men with untreated obstructive sleep apnea. <b>2013</b> , 17, 403-9	29
1382	Water-soluble rice bran enzymatic extract attenuates dyslipidemia, hypertension and insulin resistance in obese Zucker rats. <b>2013</b> , 52, 789-97	42

1381	Vanadyl acetylacetonate upregulates PPAR $\alpha$ and adiponectin expression in differentiated rat adipocytes. <b>2013</b> , 18, 623-31	25
1380	Influence of serum adiponectin level and SNP +45 polymorphism of adiponectin gene on myocardial fibrosis. <b>2013</b> , 14, 721-8	8
1379	Leptin, adiponectin and vascular stiffness parameters in women with systemic lupus erythematosus. <b>2013</b> , 8, 705-12	32
1378	High-resolution identification of human adiponectin oligomers and regulation by pioglitazone in type 2 diabetic patients. <b>2013</b> , 437, 150-60	8
1377	Regulation of glucose homoeostasis by brown adipose tissue. <b>2013</b> , 1, 353-60	78
1376	Association between markers of obesity and progression from Barrett's esophagus to esophageal adenocarcinoma. <b>2013</b> , 11, 934-43	100
1375	Hypoxia-inducible factor 1 $\alpha$ regulates a SOCS3-STAT3-adiponectin signal transduction pathway in adipocytes. <b>2013</b> , 288, 3844-57	50
1374	Vascular remodeling mediated by Angptl2 produced from perivascular adipose tissue. <b>2013</b> , 59, 176-8	5
1373	Genetic variation in CDH13 is associated with lower plasma adiponectin levels but greater adiponectin sensitivity in East Asian populations. <b>2013</b> , 62, 4277-83	36
1372	Potential treatment of human nonalcoholic fatty liver disease with long-chain omega-3 polyunsaturated fatty acids. <b>2013</b> , 71, 753-71	27
1371	Evidence of a causal relationship between adiponectin levels and insulin sensitivity: a Mendelian randomization study. <b>2013</b> , 62, 1338-44	70
1370	Modulation of skeletal muscle performance and SERCA by exercise and adiponectin gene therapy in insulin-resistant rat. <b>2013</b> , 32, 378-85	22
1369	Genetic association of ADIPOQ gene variants with type 2 diabetes, obesity and serum adiponectin levels in south Indian population. <b>2013</b> , 532, 253-62	86
1368	Unraveling the mode of action of an obesogen: mechanistic analysis of the model obesogen tributyltin in the 3T3-L1 cell line. <b>2013</b> , 370, 52-64	40
1367	Preterm infants have altered adiponectin levels at term-equivalent age even if they do not present with extrauterine growth restriction. <b>2013</b> , 80, 147-53	12
1366	Omega-3 fatty acids: a review of the effects on adiponectin and leptin and potential implications for obesity management. <b>2013</b> , 67, 1234-42	66
1365	Vanilloid receptors--do they have a role in whole body metabolism? Evidence from TRPV1. <b>2013</b> , 27, 287-92	36
1364	LDL but not HDL increases adiponectin release of primary human adipocytes. <b>2013</b> , 95, 325-9	7

1363	Urinary excretion of high molecular weight adiponectin is an independent predictor of decline of renal function in type 2 diabetes. <b>2014</b> , 51, 479-89	18
1362	Oral green tea catechins transiently lower plasma glucose concentrations in female db/db mice. <b>2013</b> , 16, 312-7	15
1361	Orexigenic effects of omentin-1 related to decreased CART and CRH gene expression and increased norepinephrine synthesis and release in the hypothalamus. <b>2013</b> , 44, 66-74	31
1360	DNA damage triggers a chronic autoinflammatory response, leading to fat depletion in NER progeria. <b>2013</b> , 18, 403-15	81
1359	Activation of systemic, but not local, renin-angiotensin system is associated with upregulation of TNF- $\alpha$ during prolonged fasting in northern elephant seal pups. <b>2013</b> , 216, 3215-21	13
1358	Liver enzymes but not free fatty acid levels predict markers of insulin sensitivity in overweight and obese, nondiabetic adults. <b>2013</b> , 33, 781-8	11
1357	Association of adipokines with obesity in children and adolescents. <b>2013</b> , 7, 731-5	22
1356	Association between low SIRT1 expression in visceral and subcutaneous adipose tissues and metabolic abnormalities in women with obesity and type 2 diabetes. <b>2013</b> , 101, 341-8	52
1355	Purslane ( <i>Portulaca oleracea</i> L.) as Phytogetic SubstanceA Review. <b>2013</b> , 19, 216-232	18
1354	Cardiovascular disease and glycemic control in type 2 diabetes: now that the dust is settling from large clinical trials. <b>2013</b> , 1281, 36-50	63
1353	Random measurements of adiponectin and IL-6 may not be indicative of the 24-h profile in critically ill patients. <b>2013</b> , 79, 892-8	5
1352	Resistin is associated with the inflammation process in patients with systemic autoimmune diseases undergoing glucocorticoid therapy: comparison with leptin and adiponectin. <b>2013</b> , 23, 8-18	13
1351	Improvement of fasting plasma glucose level after ingesting moderate amount of dietary fiber in Japanese men with mild hyperglycemia and visceral fat obesity. <b>2013</b> , 10, 129-41	9
1350	Inflammation, obesity, and thrombosis. <b>2013</b> , 122, 3415-22	228
1349	Plant-Derived Hydroxycinnamate Derivatives, Insulin Sensitivity, and Adiponectin. <b>2013</b> , 145-156	
1348	SIRT1 and energy metabolism. <b>2013</b> , 45, 51-60	199
1347	Adiponectin negatively correlates with alcoholic and non-alcoholic liver dysfunction: Health check-up study of Japanese men. <b>2013</b> , 43, 238-48	9
1346	Natriuretic peptides and cGMP signaling control of energy homeostasis. <b>2013</b> , 304, H358-68	85

1345	Effects of pravastatin on serum adiponectin levels in female patients with type 2 diabetes mellitus. <b>2013</b> , 227, 355-9	8
1344	AMPK and the neuroendocrine regulation of appetite and energy expenditure. <b>2013</b> , 366, 215-23	63
1343	Adipose tissue renin-angiotensin-aldosterone system (RAAS) and progression of insulin resistance. <b>2013</b> , 378, 1-14	49
1342	Cadmium modulates adipocyte functions in metallothionein-null mice. <b>2013</b> , 272, 625-36	26
1341	Conjugated linoleic acid and phytosterols counteract obesity induced by high-fat diet. <b>2013</b> , 51, 429-435	17
1340	Phosphodiesterase 5 as target for adipose tissue disorders. <b>2013</b> , 35, 186-92	8
1339	Beneficial effects of Chlorella on glucose and lipid metabolism in obese rodents on a high-fat diet. <b>2013</b> , 7, e95-e105	20
1338	Drug treatments to restore vascular function and diabetes. <b>2013</b> , 71, 27-33	3
1337	Enhanced adiponectin actions by overexpression of adiponectin receptor 1 in macrophages. <b>2013</b> , 228, 124-35	35
1336	Plasma adiponectin level is inversely correlated with albuminuria in overweight and obese nondiabetic individuals. <b>2013</b> , 62, 1570-6	16
1335	Distribution of adipocyte-related cells in skeletal muscle of rainbow trout <i>Oncorhynchus mykiss</i> . <b>2013</b> , 79, 143-148	8
1334	Abundance of adiponectin system and G-protein coupled receptor GPR109A mRNA in adipose tissue and liver of F2 offspring cows of Charolais [German Holstein crosses that differ in body fat accumulation. <b>2013</b> , 96, 278-89	9
1333	The role of hepatokines in metabolism. <b>2013</b> , 9, 144-52	326
1332	Insulin resistance and adipogenesis: role of transcription and secreted factors. <b>2013</b> , 78, 8-18	13
1331	Significance of Organ Crosstalk in Insulin Resistance and Type 2 Diabetes. <b>2013</b> , 199-219	
1330	Adiponectin: a biomarker for rheumatoid arthritis?. <b>2013</b> , 24, 83-9	58
1329	Companion Animals Symposium: nutrigenomics: using gene expression and molecular biology data to understand pet obesity. <b>2013</b> , 91, 2949-64	20
1328	Imbalance between neutrophil elastase and its inhibitor $\alpha$ -antitrypsin in obesity alters insulin sensitivity, inflammation, and energy expenditure. <b>2013</b> , 17, 534-48	145

1327	The extract of Cinnamomum cassia twigs inhibits adipocyte differentiation via activation of the insulin signaling pathway in 3T3-L1 preadipocytes. <b>2013</b> , 51, 961-7	18
1326	Adiponectin: An Adipokine with Multiple Faces. <b>2013</b> , 187-200	
1325	Metabolic syndrome, vitamin D deficiency and hypoadiponectinemia among nondiabetic patients early after kidney transplantation. <b>2013</b> , 37, 399-404	16
1324	Adiponectin oligomers as potential indicators of adipose tissue improvement in obese subjects. <b>2013</b> , 169, 37-43	63
1323	Adiponectin in mice with altered GH action: links to insulin sensitivity and longevity?. <b>2013</b> , 216, 363-74	43
1322	Acute and sustained inflammation and metabolic dysfunction induced by high refined carbohydrate-containing diet in mice. <b>2013</b> , 21, E396-406	73
1321	Adiponectin regulates bone mass via opposite central and peripheral mechanisms through FoxO1. <b>2013</b> , 17, 901-915	168
1320	Serum adiponectin in non-cachectic heart failure patients. <b>2013</b> , 168, 4363-4	1
1319	Phycocyanin prevents hypertension and low serum adiponectin level in a rat model of metabolic syndrome. <b>2013</b> , 33, 397-405	43
1318	Adiponectin receptor as a key player in healthy longevity and obesity-related diseases. <b>2013</b> , 17, 185-96	282
1317	Adiponectin mediates the metabolic effects of FGF21 on glucose homeostasis and insulin sensitivity in mice. <b>2013</b> , 17, 779-89	418
1316	Endocrinologic Sequelae of Anorexia Nervosa. <b>2013</b> , 185-196	
1315	Metabolic syndrome and insulin resistance: underlying causes and modification by exercise training. <b>2013</b> , 3, 1-58	316
1314	Hydrodynamic delivery of adiponectin and adiponectin receptor 2 gene blocks high-fat diet-induced obesity and insulin resistance. <b>2013</b> , 20, 846-52	25
1313	Functional and structural features of adipokine family. <b>2013</b> , 61, 1-14	81
1312	Metabolism and satiety. <b>2013</b> , 75-111	1
1311	PRLR regulates hepatic insulin sensitivity in mice via STAT5. <b>2013</b> , 62, 3103-13	35
1310	Adipokines in reproductive function: a link between obesity and polycystic ovary syndrome. <b>2013</b> , 50, R21-37	70

1309	Interaction between resistin and adiponectin in the proliferation of rat vascular smooth muscle cells. <b>2013</b> , 366, 108-16	13
1308	Adiponectin in chronic hepatitis C. <b>2013</b> , 6, 259-63	2
1307	A cross-sectional analysis of the relationship between daily alcohol consumption and serum adiponectin levels among adults aged 40 years or more in a rural area of Korea. <b>2013</b> , 67, 841-7	14
1306	Quantitative proteomic and functional analysis of liver mitochondria from high fat diet (HFD) diabetic mice. <b>2013</b> , 12, 3744-58	48
1305	Stemness and osteogenic and adipogenic potential are differently impaired in subcutaneous and visceral adipose derived stem cells (ASCs) isolated from obese donors. <b>2013</b> , 26, 11-21	40
1304	Adiponectin concentration is associated with muscle insulin sensitivity, AMPK phosphorylation, and ceramide content in skeletal muscles of men but not women. <b>2013</b> , 114, 592-601	27
1303	Globular adiponectin enhances muscle insulin action via microvascular recruitment and increased insulin delivery. <b>2013</b> , 112, 1263-71	31
1302	Roles and tissue source of adiponectin involved in lifestyle modifications. <b>2013</b> , 68, 117-28	22
1301	Identification of bovine hibernation-specific protein complex and evidence of its regulation in fasting and aging. <b>2013</b> , 153, 453-61	3
1300	Rheumatoid arthritis impacts on the independent relationships between circulating adiponectin concentrations and cardiovascular metabolic risk. <b>2013</b> , 2013, 461849	15
1299	Inflammation and hypertension: are there regional differences?. <b>2013</b> , 2013, 492094	14
1298	Blood-Based Indicators of Insulin Resistance and Metabolic Syndrome in Bottlenose Dolphins ( <i>Tursiops truncatus</i> ). <b>2013</b> , 4, 136	37
1297	CTRP9 transgenic mice are protected from diet-induced obesity and metabolic dysfunction. <b>2013</b> , 305, R522-33	85
1296	Sphingolipid metabolism and obesity-induced inflammation. <b>2013</b> , 4, 67	30
1295	Effect of Obesity and the Metabolic Syndrome on Incident Kidney Disease and the Progression to Chronic Kidney Failure. <b>2013</b> , 445-456	0
1294	The effects of exercise training on obesity-induced dysregulated expression of adipokines in white adipose tissue. <b>2013</b> , 2013, 801743	49
1293	Assessment of adiponectin level in obese and lean Nepalese population and its possible correlation with lipid profile: A cross-sectional study. <b>2013</b> , 17, S349-54	9
1292	Testosterone induces cell proliferation and cell cycle gene overexpression in human visceral preadipocytes. <b>2013</b> , 305, C355-9	21

1291	Perivascular adipose tissue-derived adiponectin activates BK(Ca) channels to induce anticontractile responses. <b>2013</b> , 304, H786-95	102
1290	Supplementation of Lactobacillus plantarum K68 and Fruit-Vegetable Ferment along with High Fat-Fructose Diet Attenuates Metabolic Syndrome in Rats with Insulin Resistance. <b>2013</b> , 2013, 943020	34
1289	Adipose tissue immunity and cancer. <b>2013</b> , 4, 275	84
1288	Adiponectin: are measurements clinically useful in pregnancy?. <b>2013</b> , 36, 1434-6	9
1287	MicroRNA transcriptomes relate intermuscular adipose tissue to metabolic risk. <b>2013</b> , 14, 8611-24	14
1286	The Adiponectin Assemblage: An Anthropological Perspective on Pharmacogenomics in Japan. <b>2013</b> , 7, 261-281	1
1285	Single-nucleotide polymorphisms in adiponectin, AdipoR1, and AdipoR2 genes: insulin resistance and type 2 diabetes mellitus candidate genes. <b>2013</b> , 20, 414-21	19
1284	Colonic hydrogen generated from fructan diffuses into the abdominal cavity and reduces adipose mRNA abundance of cytokines in rats. <b>2013</b> , 143, 1943-9	18
1283	Osteoblast-specific expression of Fra-2/AP-1 controls adiponectin and osteocalcin expression and affects metabolism. <b>2013</b> , 126, 5432-40	29
1282	Adiponectin, Leptin, and Resistin in Asthma: Basic Mechanisms through Population Studies. <b>2013</b> , 2013, 785835	51
1281	Relationship of adiponectin with sex hormone levels in adolescents. <b>2013</b> , 79, 83-7	12
1280	Decreased submandibular adiponectin is involved in the progression of autoimmune sialoadenitis in non-obese diabetic mice. <b>2014</b> , 20, 744-55	11
1279	A new pyrroline compound selective for I1-imidazoline receptors improves metabolic syndrome in rats. <b>2013</b> , 346, 370-80	13
1278	Adipokines and hepatic insulin resistance. <b>2013</b> , 2013, 170532	29
1277	Dietary Lipid During Late-Pregnancy and Early-Lactation to Manipulate Metabolic and Inflammatory Gene Network Expression in Dairy Cattle Liver with a Focus on PPARs. <b>2013</b> , 7, 103-23	10
1276	Reduced high-molecular-weight adiponectin is an independent risk factor for cardiovascular lesions in hypercholesterolaemic patients. <b>2013</b> , 78, 539-44	8
1275	Serum adiponectin in relation to race-ethnicity and vascular risk factors in the Northern Manhattan Study. <b>2013</b> , 11, 46-55	24
1274	Adiponectin levels and the risk of hypertension: a systematic review and meta-analysis. <b>2013</b> , 62, 27-32	101

1273	High-fat diet feeding induces sex-dependent changes in inflammatory and insulin sensitivity profiles of rat adipose tissue. <b>2013</b> , 31, 504-10	25
1272	Obestatin: a new metabolic player in the pancreas and white adipose tissue. <b>2013</b> , 65, 976-82	26
1271	Improving the anti-diabetic activity of GLP-1 by fusion with globular adiponectin. <b>2013</b> , 41, 159-64	5
1270	Body mass index and waist circumference: relationship to cardiometabolic risk factors in children--Busselton Health Study 2005-2007. <b>2013</b> , 49, 955-962	10
1269	Role of Adipose Cells in Tumor Microenvironment. <b>2013</b> , 271-294	2
1268	C1q/tumor necrosis factor-related protein 11 (CTRP11), a novel adipose stroma-derived regulator of adipogenesis. <b>2013</b> , 288, 10214-29	53
1267	The adipose tissue production of adiponectin is increased in end-stage renal disease. <b>2013</b> , 83, 487-94	44
1266	Investigating GSTT1 and GSTM1 null genotype as the risk factor of diabetes type 2 retinopathy. <b>2013</b> , 12, 48	19
1265	Adiponectin levels and risk of coronary heart disease: a meta-analysis of prospective studies. <b>2013</b> , 345, 455-61	47
1264	Insulin resistance, serum visfatin, and adiponectin levels are associated with metabolic disorders in chronic hepatitis C virus-infected patients. <b>2013</b> , 25, 935-41	18
1263	Expression of adiponectin receptor 1 is indicative of favorable prognosis in non-small cell lung carcinoma. <b>2013</b> , 229, 153-62	15
1262	Clinical utility of phentermine/topiramate (Qsymia) combination for the treatment of obesity. <b>2013</b> , 6, 131-9	19
1261	Serum adiponectin and type 2 diabetes: a 6-year follow-up cohort study. <b>2013</b> , 37, 252-61	11
1260	The Relationship Among Obesity, Inflammation, and Insulin Resistance. <b>2013</b> , 283-295	
1259	The Impact of Full-Length, Trimeric and Globular Adiponectin on Lipolysis in Subcutaneous and Visceral Adipocytes of Obese and Non-Obese Women. <b>2013</b> , 8, e66783	9
1258	Drosophila adiponectin receptor in insulin producing cells regulates glucose and lipid metabolism by controlling insulin secretion. <b>2013</b> , 8, e68641	37
1257	Recombinant human adiponectin as a potential protein for treating diabetic tendinopathy promotes tenocyte progenitor cells proliferation and tenogenic differentiation in vitro. <b>2013</b> , 10, 1899-906	14
1256	Current clinical evidence on pioglitazone pharmacogenomics. <b>2013</b> , 4, 147	16



1255	Associations of adiponectin and leptin with incident coronary heart disease and ischemic stroke in african americans: the jackson heart study. <b>2013</b> , 1, 16	31
1254	Chemokine systems link obesity to insulin resistance. <b>2013</b> , 37, 165-72	77
1253	Ectopic fat deposition and global cardiometabolic risk: new paradigm in cardiovascular medicine. <b>2013</b> , 60, 1-14	45
1252	Paprika Pigments Attenuate Obesity-Induced Inflammation in 3T3-L1 Adipocytes. <b>2013</b> , 2013, 763758	23
1251	The Metabolic Syndrome. <b>2013</b> , 1006-1016	3
1250	Sex differences in type 2 diabetes: focus on disease course and outcomes. <b>2014</b> , 7, 409-20	80
1249	Direct inhibitory effects of pioglitazone on hepatic fetuin-A expression. <b>2014</b> , 9, e88704	24
1248	Longitudinal profiling of the tissue-specific expression of genes related with insulin sensitivity in dairy cows during lactation focusing on different fat depots. <b>2014</b> , 9, e86211	46
1247	Adiponectin expression protects against angiotensin II-mediated inflammation and accelerated atherosclerosis. <b>2014</b> , 9, e86404	39
1246	Antidiabetic property of <i>Symplocos cochinchinensis</i> is mediated by inhibition of alpha glucosidase and enhanced insulin sensitivity. <b>2014</b> , 9, e105829	16
1245	Toll-like receptor, lipotoxicity and chronic inflammation: the pathological link between obesity and cardiometabolic disease. <b>2014</b> , 21, 629-39	42
1244	A novel role of globular adiponectin in treatment with HFD/STZ induced T2DM combined with NAFLD rats. <b>2014</b> , 2014, 230835	7
1243	Antidiabetic Effects of <i>Carassius auratus</i> Complex Formula in High Fat Diet Combined Streptozotocin-Induced Diabetic Mice. <b>2014</b> , 2014, 628473	6
1242	Management of obesity in cats. <b>2014</b> , 5, 97-107	2
1241	Elevated body mass index as a risk factor for chronic kidney disease: current perspectives. <b>2014</b> , 7, 347-55	41
1240	Caffeamide 36-13 Regulates the Antidiabetic and Hypolipidemic Signs of High-Fat-Fed Mice on Glucose Transporter 4, AMPK Phosphorylation, and Regulated Hepatic Glucose Production. <b>2014</b> , 2014, 821569	8
1239	Genetic polymorphisms of cytokine genes in type 2 diabetes mellitus. <b>2014</b> , 5, 493-504	35
1238	Obesity and colorectal cancer: role of adipokines in tumor initiation and progression. <b>2014</b> , 20, 5177-90	116

1237	Association of adiponectin protein and ADIPOQ gene variants with lumbar disc degeneration. <b>2014</b> , 8, 1340-1344	13
1236	Adipogenesis of Sprague Dawely rats mesenchymal stem cells: a morphological, immunophenotyping and gene expression follow-up study. <b>2014</b> , 47, 83-90	2
1235	Antidiabetic effect of the lipoic acid $\beta$ -cyclodextrin complex. <b>2014</b> , 55, 97-102	5
1234	Is the lack of adiponectin associated with increased ER/SR stress and inflammation in the heart?. <b>2014</b> , 3, 10-8	13
1233	Plasma amino acid profiles are associated with insulin, C-peptide and adiponectin levels in type 2 diabetic patients. <b>2014</b> , 4, e133	74
1232	Adiponectin signaling and metabolic syndrome. <b>2014</b> , 121, 293-319	18
1231	Jomthonic acids B and C, two new modified amino acids from Streptomyces sp. <b>2014</b> , 67, 345-7	3
1230	Association between risk factors for vascular dementia and adiponectin. <b>2014</b> , 2014, 261672	33
1229	Maternal high folic acid supplement promotes glucose intolerance and insulin resistance in male mouse offspring fed a high-fat diet. <b>2014</b> , 15, 6298-313	56
1228	Roles of FGFs as Adipokines in Adipose Tissue Development, Remodeling, and Metabolism. <b>2014</b> , 5, 18	42
1227	Mechanisms linking excess adiposity and carcinogenesis promotion. <b>2014</b> , 5, 65	74
1226	Steatosis and steatohepatitis: complex disorders. <b>2014</b> , 15, 9924-44	28
1225	Association of serum vaspin and adiponectin levels with renal function in patients with or without type 2 diabetes mellitus. <b>2014</b> , 2014, 868732	8
1224	An approach to acanthosis nigricans. <b>2014</b> , 5, 239-49	53
1223	Metabolic and hormonal signatures in pre-manifest and manifest Huntington's disease patients. <b>2014</b> , 5, 231	46
1222	Obesity and its metabolic complications: the role of adipokines and the relationship between obesity, inflammation, insulin resistance, dyslipidemia and nonalcoholic fatty liver disease. <b>2014</b> , 15, 6184-223	1051
1221	Biochemical alterations during the obese-aging process in female and male monosodium glutamate (MSG)-treated mice. <b>2014</b> , 15, 11473-94	26
1220	Clinicopathological roles of adiponectin and leptin receptors in endometrial carcinoma. <b>2014</b> , 7, 1109-1117	2

1219	Gene expression profiling in melasma in Korean women. <b>2014</b> , 229, 333-42	13
1218	Adiponectin expression in the porcine pituitary during the estrous cycle and its effect on LH and FSH secretion. <b>2014</b> , 307, E1038-46	35
1217	Adiponectin receptor and adiponectin signaling in human tissue among patients with end-stage renal disease. <b>2014</b> , 29, 2268-77	35
1216	Targeting monocyte and macrophage subpopulations for immunotherapy: a patent review (2009 - 2013). <b>2014</b> , 24, 779-90	6
1215	Astaxanthin supplementation effects on adipocyte size and lipid profile in OLETF rats with hyperphagia and visceral fat accumulation. <b>2014</b> , 11, 114-120	14
1214	Effects of miglitol, sitagliptin, and initial combination therapy with both on plasma incretin responses to a mixed meal and visceral fat in over-weight Japanese patients with type 2 diabetes. "the MASTER randomized, controlled trial". <b>2014</b> , 106, 538-47	19
1213	Cardio-adipose tissue cross-talk: relationship between adiponectin, plasma pro brain natriuretic peptide and incident heart failure. <b>2014</b> , 16, 633-8	25
1212	An investigation of the role of the adiponectin variable domain on the stability of the collagen-like domain. <b>2014</b> , 102, 313-21	4
1211	Pioglitazone reduces inflammation through inhibition of NF- $\kappa$ B in polymicrobial sepsis. <b>2014</b> , 20, 519-28	42
1210	Association of adipokines, leptin/adiponectin ratio and C-reactive protein with obesity and type 2 diabetes mellitus. <b>2014</b> , 6, 99	68
1209	The effect of vitamin D supplementation on plasma leptin/adiponectin ratio in diabetic individuals with different haptoglobin phenotypes. <b>2014</b> , 3, 74-78	3
1208	Adiponectin and IL-6: Mediators of inflammation in progression of healthy to type 2 diabetes in Indian population. <b>2014</b> , 3, 39-45	22
1207	Role of fat and adipokines in intestinal inflammation. <b>2014</b> , 30, 559-65	34
1206	Central adiponectin acutely improves glucose tolerance in male mice. <b>2014</b> , 155, 1806-16	20
1205	The Gut Microbiota and Effects on Metabolism. <b>2014</b> , 508-526	3
1204	Association between adiponectin receptor 1 gene polymorphism and insulin resistance in Chinese patients with polycystic ovary syndrome. <b>2014</b> , 77, 45-9	5
1203	Rice Bran Antioxidants in Health and Wellness. <b>2014</b> , 443-451	7
1202	Adiponectin and IGFBP-1 in the development of gestational diabetes in obese mothers. <b>2014</b> , 2, e000010	26

1201	Adiponectin: a manifold therapeutic target for metabolic syndrome, diabetes, and coronary disease?. <b>2014</b> , 13, 103	135
1200	Liver function parameters, cholesterol, and phospholipid linoleic acid are associated with adipokine levels in overweight and obese adults. <b>2014</b> , 34, 375-82	8
1199	Fumigaclavine C activates PPAR $\alpha$ pathway and attenuates atherogenesis in ApoE-deficient mice. <b>2014</b> , 234, 120-8	9
1198	Podocytes, signaling pathways, and vascular factors in diabetic kidney disease. <b>2014</b> , 21, 304-10	45
1197	The Adiponectin variants contribute to the genetic background of type 2 diabetes in Turkish population. <b>2014</b> , 534, 10-16	22
1196	Early detection of metabolic syndrome in workers: a one-year follow-up study. <b>2014</b> , 171, e61-2	1
1195	Adiponectin regulates ACTH secretion and the HPA axis in an AMPK-dependent manner in pituitary corticotroph cells. <b>2014</b> , 383, 118-25	9
1194	Cholesterol-lowering effect of Lactobacillus plantarum NCU116 in a hyperlipidaemic rat model. <b>2014</b> , 8, 340-347	47
1193	Adiponectin: A multitasking player in the field of liver diseases. <b>2014</b> , 40, 95-107	46
1192	Decreased serum levels of adiponectin in adult attention deficit hyperactivity disorder. <b>2014</b> , 216, 123-30	15
1191	Nonalcoholic fatty liver disease and type 2 diabetes in obese children. <b>2014</b> , 14, 448	13
1190	Association between alcohol consumption and plasma fetuin-A and its contribution to incident type 2 diabetes in women. <b>2014</b> , 57, 93-101	16
1189	Expression system for production of bioactive compounds, recombinant human adiponectin, in the silk glands of transgenic silkworms. <b>2014</b> , 37, 645-51	5
1188	Preventive roles of swimming exercise and pioglitazone treatment on hepatic dysfunction in a rat model of metabolic syndrome. <b>2014</b> , 92, 162-70	5
1187	Regulation of energy metabolism by long-chain fatty acids. <b>2014</b> , 53, 124-44	369
1186	Mechanisms of Liver Injury in Non-Alcoholic Steatohepatitis. <b>2014</b> , 13, 119-129	26
1185	Adiponectin ameliorates angiotensin II-induced vascular endothelial damage. <b>2014</b> , 19, 705-13	11
1184	CEACAM1 loss links inflammation to insulin resistance in obesity and non-alcoholic steatohepatitis (NASH). <b>2014</b> , 36, 55-71	31

1183	Lipid, adipokine and ghrelin levels in myocardial infarction patients with insulin resistance. <b>2014</b> , 14, 7	13
1182	Cellular and molecular mechanisms in liver fibrogenesis. <b>2014</b> , 548, 20-37	138
1181	Obesity and sex influence insulin resistance and total and multimer adiponectin levels in adult neutered domestic shorthair client-owned cats. <b>2014</b> , 47, 55-64	23
1180	Signaling mechanisms underlying the insulin-sensitizing effects of adiponectin. <b>2014</b> , 28, 3-13	72
1179	Back to the heart: the protective role of adiponectin. <b>2014</b> , 82, 9-20	38
1178	Adiponectin suppresses angiotensin II-induced inflammation and cardiac fibrosis through activation of macrophage autophagy. <b>2014</b> , 155, 2254-65	66
1177	Modulation of ovarian steroidogenesis by adiponectin during delayed embryonic development of <i>Cynopterus sphinx</i> . <b>2014</b> , 143, 291-305	12
1176	Non-viral causes of liver cancer: does obesity led inflammation play a role?. <b>2014</b> , 345, 223-9	44
1175	Clinical biomarkers in metabolic syndrome. <b>2014</b> , 29, 215-21	12
1174	RNA-binding protein PTB and microRNA-221 coregulate AdipoR1 translation and adiponectin signaling. <b>2014</b> , 63, 433-45	39
1173	Multifaceted roles of adiponectin in cancer. <b>2014</b> , 28, 59-69	68
1172	Dietary Quercetin and other Polyphenols. <b>2014</b> , 163-175	3
1171	Impact of polyunsaturated vegetable oils on adiponectin levels, glycaemia and blood lipids in individuals with type 2 diabetes: a randomised, double-blind intervention study. <b>2014</b> , 27, 468-78	16
1170	Aculeatin, a coumarin derived from <i>Toddalia asiatica</i> (L.) Lam., enhances differentiation and lipolysis of 3T3-L1 adipocytes. <b>2014</b> , 453, 787-92	19
1169	The brown fat-enriched secreted factor Nrg4 preserves metabolic homeostasis through attenuation of hepatic lipogenesis. <b>2014</b> , 20, 1436-1443	246
1168	Mesenchymal stem cell therapy ameliorates diabetic hepatocyte damage in mice by inhibiting infiltration of bone marrow-derived cells. <b>2014</b> , 59, 1816-29	38
1167	Angiotensin II and canonical transient receptor potential-6 activation stimulate release of a signal transducer and activator of transcription 3-activating factor from mouse podocytes. <b>2014</b> , 86, 150-8	11
1166	Adiponectin and insulin cross talk: the microvascular connection. <b>2014</b> , 24, 319-24	15

1165	The association between depressive symptoms and systemic inflammation in people with type 2 diabetes: findings from the South London Diabetes Study. <b>2014</b> , 37, 2186-92	77
1164	Targeted deletion of C1q/TNF-related protein 9 increases food intake, decreases insulin sensitivity, and promotes hepatic steatosis in mice. <b>2014</b> , 306, E779-90	75
1163	Pharmacological treatment and therapeutic perspectives of metabolic syndrome. <b>2014</b> , 15, 329-41	56
1162	Low adiponectin levels and increased risk of type 2 diabetes in patients with myocardial infarction. <b>2014</b> , 37, 3003-8	18
1161	Sasa quelpaertensis leaf extract improves high fat diet-induced lipid abnormalities and regulation of lipid metabolism genes in rats. <b>2014</b> , 17, 571-81	9
1160	The multifaceted and controversial immunometabolic actions of adiponectin. <b>2014</b> , 25, 444-51	38
1159	Novel metabolic biomarkers of cardiovascular disease. <b>2014</b> , 10, 659-72	74
1158	Globular adiponectin inhibits ethanol-induced reactive oxygen species production through modulation of NADPH oxidase in macrophages: involvement of liver kinase B1/AMP-activated protein kinase pathway. <b>2014</b> , 86, 284-96	32
1157	Circulating adiponectin levels and risk of type 2 diabetes in the Japanese. <b>2014</b> , 4, e130	45
1156	Antidiabetic effect of nepodin, a component of Rumex roots, and its modes of action in vitro and in vivo. <b>2014</b> , 40, 436-47	18
1155	Adipokines and insulin action: A sensitive issue. <b>2014</b> , 3, 88-96	56
1154	Hyperinsulinemic response to oral glucose challenge in individuals with posttraumatic stress disorder. <b>2014</b> , 49, 171-81	9
1153	Grizzly bears exhibit augmented insulin sensitivity while obese prior to a reversible insulin resistance during hibernation. <b>2014</b> , 20, 376-82	25
1152	Anthocyanin increases adiponectin secretion and protects against diabetes-related endothelial dysfunction. <b>2014</b> , 306, E975-88	77
1151	Adipose tissues as endocrine target organs. <b>2014</b> , 28, 545-58	38
1150	Role of adiponectin system in insulin resistance. <b>2014</b> , 113, 155-60	65
1149	The rs266729 single-nucleotide polymorphism in the adiponectin gene shows association with gestational diabetes. <b>2014</b> , 289, 743-8	22
1148	Non-alcoholic fatty liver disease and risk of in-stent restenosis after bare metal stenting in native coronary arteries. <b>2014</b> , 41, 4713-20	4

1147	Adding glimepiride to current insulin therapy increases high-molecular weight adiponectin levels to improve glycemic control in poorly controlled type 2 diabetes. <b>2014</b> , 6, 41	9
1146	Regulation of glucose and lipid homeostasis by adiponectin: effects on hepatocytes, pancreatic $\beta$ cells and adipocytes. <b>2014</b> , 28, 43-58	82
1145	DNA methylation of leptin and adiponectin promoters in children is reduced by the combined presence of obesity and insulin resistance. <b>2014</b> , 38, 1457-65	71
1144	Obesity-associated mechanisms of hepatocarcinogenesis. <b>2014</b> , 63, 607-17	121
1143	ENPP2 contributes to adipose tissue expansion and insulin resistance in diet-induced obesity. <b>2014</b> , 63, 4154-64	57
1142	A HPLC-Q-TOF-MS-based urinary metabolomic approach to identification of potential biomarkers of metabolic syndrome. <b>2014</b> , 34, 276-283	18
1141	The role of adiponectin in endothelial dysfunction and hypertension. <b>2014</b> , 16, 463	57
1140	Meta-analysis of the association of ADIPOQ G276T polymorphism with insulin resistance and blood glucose. <b>2014</b> , 47, 749-57	4
1139	Administration of IL-1ra improves adiponectin levels in chronic hemodialysis patients. <b>2014</b> , 27, 681-8	10
1138	Abdominal obesity and serum adiponectin complexes among population-based elementary school children in Japan: a cross-sectional study. <b>2014</b> , 14, 81	20
1137	Is the adiponectin-AMPK-mitochondrial axis involved in progression of nonalcoholic fatty liver disease?. <b>2014</b> , 60, 22-5	21
1136	Negative regulation of DsbA-L gene expression by the transcription factor Sp1. <b>2014</b> , 63, 4165-71	8
1135	Long-term supplementation of umbelliferone and 4-methylumbelliferone alleviates high-fat diet induced hypertriglyceridemia and hyperglycemia in mice. <b>2014</b> , 216, 9-16	34
1134	Modulation of adiponectin as a potential therapeutic strategy. <b>2014</b> , 233, 721-728	89
1133	Significance of plasma adiponectin for diagnosis, neurological severity and functional outcome in ischemic stroke - Research for Biomarkers in Ischemic Stroke (REBIOS). <b>2014</b> , 63, 1093-103	34
1132	Hugan Qingzhi medication ameliorates hepatic steatosis by activating AMPK and PPAR $\beta$ pathways in L02 cells and HepG2 cells. <b>2014</b> , 154, 229-39	42
1131	Peroxisome proliferator-activated receptor gamma concentrations in newly diagnosed hypertension patients and the metabolic effects of olmesartan. <b>2014</b> , 45, 138-42	4
1130	Adiponectin receptors: a review of their structure, function and how they work. <b>2014</b> , 28, 15-23	199

1129	Associations between red meat intake and biomarkers of inflammation and glucose metabolism in women. <b>2014</b> , 99, 352-60	153
1128	Metabolic function of the CTRP family of hormones. <b>2014</b> , 15, 111-23	159
1127	Regulation of adiponectin multimerization, signaling and function. <b>2014</b> , 28, 25-31	86
1126	Improving Effects of Narazuke Lees on Fatty Liver of Rats Induced by High-Fat and High-Cholesterol Diets. <b>2014</b> , 20, 849-857	
1125	The effects of LPS-induced endotoxemia on the expression of adiponectin and its receptors in female rats. <b>2014</b> , 61, 891-900	10
1124	The bone and fat connection in inflammatory bowel diseases. <b>2014</b> , 20, 2207-17	8
1123	Adiponectin is released via a unique regulated exocytosis pathway from a pre-formed vesicle pool on insulin stimulation. <b>2015</b> , 471, 381-9	8
1122	To eat or not to eat ▯Anti-ageing effects of energy restriction. <b>2015</b> , 33-132	1
1121	Correlation of serum testosterone with insulin resistance in elderly male type 2 diabetes mellitus patients with osteoporosis. <b>2015</b> , 6, 548-52	10
1120	MicroRNA-218 targets adiponectin receptor 2 to regulate adiponectin signaling. <b>2015</b> , 11, 4701-5	12
1119	Smoking and diabetes: is the association mediated by adiponectin, leptin, or C-reactive protein?. <b>2015</b> , 25, 99-109	19
1118	Endocrine and Metabolic Effects of Adipose Tissue in Children and Adolescents. <b>2015</b> , 54, 131-8	10
1117	Serum Adiponectin Levels and Changes in Glucose Metabolism before and after Treatment for Thyroid Dysfunction. <b>2015</b> , 54, 1849-57	7
1116	Adipokines at the crossroad between obesity and cardiovascular disease. <b>2015</b> , 113, 553-66	86
1115	Inherent insulin sensitivity is a major determinant of multimeric adiponectin responsiveness to short-term weight loss in extreme obesity. <b>2014</b> , 4, 5803	8
1114	Metabolic and endocrine profiles and hepatic gene expression of Holstein cows fed total mixed ration or pasture with different grazing strategies during early lactation. <b>2015</b> , 57, 70	10
1113	Decreased secretion of adiponectin through its intracellular accumulation in adipose tissue during tobacco smoke exposure. <b>2015</b> , 12, 15	14
1112	Effect of six years intensified multifactorial treatment on levels of hs-CRP and adiponectin in patients with screen detected type 2 diabetes: the ADDITION-Netherlands randomized trial. <b>2015</b> , 31, 758-66	3



1111	Activation of Opioid receptor exerts the glucose-homeostatic effect in streptozotocin-induced diabetic mice. <b>2015</b> , 116, 252-9	3
1110	Gene-gene interaction analysis identifies a new genetic risk factor for colorectal cancer. <b>2015</b> , 22, 73	10
1109	Involvement of adiponectin in the pathogenesis of dystrophinopathy. <b>2015</b> , 5, 25	33
1108	GLP-1 receptor agonists: effects on the progression of non-alcoholic fatty liver disease. <b>2015</b> , 31, 329-35	30
1107	Lack of association of apolipoprotein E (Apo E) polymorphism with the prevalence of metabolic syndrome: the National Heart, Lung and Blood Institute Family Heart Study. <b>2015</b> , 31, 582-7	4
1106	TLR9 regulates adipose tissue inflammation and obesity-related metabolic disorders. <b>2015</b> , 23, 2199-206	23
1105	Association of adiponectin gene variation with progression of nonalcoholic fatty liver disease: A 4-year follow-up survey. <b>2015</b> , 16, 601-9	8
1104	Effect of Training Intensity on Nonalcoholic Fatty Liver Disease. <b>2015</b> , 47, 1624-34	27
1103	Non-alcoholic fatty liver disease and psoriasis: So far, so near. <b>2015</b> , 7, 315-26	45
1102	Impact of obesity on infertility in women. <b>2015</b> , 16, 111-7	97
1101	Magnetic Bead-Based Serum Peptidome Profiling in Patients with Gestational Diabetes Mellitus. <b>2015</b> , 2015, 586309	13
1100	Chronic alcohol consumption potentiates the development of diabetes through pancreatic $\beta$ cell dysfunction. <b>2015</b> , 6, 1-15	37
1099	Arsenic Exposure and Glucose Intolerance/Insulin Resistance in Estrogen-Deficient Female Mice. <b>2015</b> , 123, 1138-44	47
1098	Fucoxanthinol, Metabolite of Fucoxanthin, Improves Obesity-Induced Inflammation in Adipocyte Cells. <b>2015</b> , 13, 4799-813	44
1097	Phenylactic Acid from Lactobacillus plantarum Promotes Adipogenic Activity in 3T3-L1 Adipocyte via Up-Regulation of PPAR- $\alpha$ . <b>2015</b> , 20, 15359-73	10
1096	Adiponectin as a potential biomarker of vascular disease. <b>2015</b> , 11, 55-70	60
1095	Intracerebroventricular injection of adiponectin regulates locomotor activity in rats. <b>2015</b> , 62, 199-203	10
1094	Insulin Sensitivity in Adipose and Skeletal Muscle Tissue of Dairy Cows in Response to Dietary Energy Level and 2,4-Thiazolidinedione (TZD). <b>2015</b> , 10, e0142633	14

1093	Impact of Treatment with Metformin on Adipocytokines in Patients with Polycystic Ovary Syndrome: A Meta-Analysis. <b>2015</b> , 10, e0140565	12
1092	Adipokines, diabetes and atherosclerosis: an inflammatory association. <b>2015</b> , 6, 304	129
1091	Differential Role of Leptin and Adiponectin in Cardiovascular System. <b>2015</b> , 2015, 534320	106
1090	Polycystic Ovary Syndrome: Important Underrecognised Cardiometabolic Risk Factor in Reproductive-Age Women. <b>2015</b> , 2015, 786362	39
1089	Total and High Molecular Weight Adiponectin Levels and Prediction of Cardiovascular Risk in Diabetic Patients. <b>2015</b> , 2015, 545068	17
1088	Effects of different fatty acid chain lengths on fatty acid oxidation-related protein expression levels in rat skeletal muscles. <b>2015</b> , 64, 415-21	8
1087	Effects of a low-fat diet on the hepatic expression of adiponectin and its receptors in rats with NAFLD. <b>2015</b> , 14, 108-117	7
1086	Adiponectin promotes VEGF-A-dependent angiogenesis in human chondrosarcoma through PI3K, Akt, mTOR, and HIF-1 $\alpha$ pathway. <b>2015</b> , 6, 36746-61	57
1085	Recent advances in mouse models of obesity- and nonalcoholic steatohepatitis-associated hepatocarcinogenesis. <b>2015</b> , 7, 2110-8	33
1084	In prostate cancer, low adiponectin levels are not associated with insulin resistance. <b>2015</b> , 45, 572-8	9
1083	Role of Obesity in the Pathogenesis and Progression of Barrett's Esophagus. <b>2015</b> , 44, 249-64	15
1082	Subclinical atherosclerosis and obesity phenotypes among Mexican Americans. <b>2015</b> , 4, e001540	18
1081	Globular Adiponectin Causes Tolerance to LPS-Induced TNF- $\alpha$ Expression via Autophagy Induction in RAW 264.7 Macrophages: Involvement of SIRT1/FoxO3A Axis. <b>2015</b> , 10, e0124636	35
1080	High levels of chorionic gonadotrophin attenuate insulin sensitivity and promote inflammation in adipocytes. <b>2015</b> , 54, 161-70	6
1079	Adiponectin Deficiency Contributes to Sensitivity in Human Skin. <b>2015</b> , 135, 2331-2334	16
1078	CB1R antagonist increases hepatic insulin clearance in fat-fed dogs likely via upregulation of liver adiponectin receptors. <b>2015</b> , 309, E747-58	19
1077	A Triterpenoid Inhibited Hormone-Induced Adipocyte Differentiation and Alleviated Dexamethasone-Induced Insulin Resistance in 3T3-L1 adipocytes. <b>2015</b> , 5, 159-66	10
1076	Dietary supplementation with evodiamine prevents obesity and improves insulin resistance in ageing mice. <b>2015</b> , 19, 320-329	7

1075	Docosahexaenoic Acid-Rich Fish Oil Supplementation Improves Body Composition without Influence of the PPAR $\beta$ Pro12Ala Polymorphism in Patients with Type 2 Diabetes: A Randomized, Double-Blind, Placebo-Controlled Clinical Trial. <b>2015</b> , 8, 195-204	10
1074	Morbidly "Healthy" Obese Are Not Metabolically Healthy but Less Metabolically Imbalanced Than Those with Type 2 Diabetes or Dyslipidemia. <b>2015</b> , 25, 1380-91	11
1073	Obesity and asthma: beyond T(H)2 inflammation. <b>2015</b> , 64, 172-81	66
1072	Muscle as a "mediator" of systemic metabolism. <b>2015</b> , 21, 237-248	118
1071	Light alcohol consumption plays a protective role against non-alcoholic fatty liver disease in Japanese men with metabolic syndrome. <b>2015</b> , 35, 1707-14	13
1070	Role of developmental transcription factors in white, brown and beige adipose tissues. <b>2015</b> , 1851, 686-96	37
1069	Evaluation of salivary adiponectin profile in obese patients. <b>2015</b> , 63, 150-5	20
1068	The role of fibroblast growth factor 21 in the pathogenesis of non-alcoholic fatty liver disease and implications for therapy. <b>2015</b> , 64, 380-90	79
1067	Significance of nitric oxide synthases: Lessons from triple nitric oxide synthases null mice. <b>2015</b> , 127, 42-52	44
1066	Role of adiponectin in obesity related gastrointestinal carcinogenesis. <b>2015</b> , 26, 83-93	26
1065	A novel MitoNEET ligand, TT01001, improves diabetes and ameliorates mitochondrial function in db/db mice. <b>2015</b> , 352, 338-45	20
1064	G-protein-coupled receptor kinase 2-mediated desensitization of adiponectin receptor 1 in failing heart. <b>2015</b> , 131, 1392-404	34
1063	Bone and the regulation of global energy balance. <b>2015</b> , 277, 681-9	25
1062	Effect of increasing body condition on key regulators of fat metabolism in subcutaneous adipose tissue depot and circulation of nonlactating dairy cows. <b>2015</b> , 98, 1057-68	27
1061	Effect of body mass index on insulin secretion or sensitivity and diabetes. <b>2015</b> , 48, 128-135	24
1060	Could changes in adiponectin drive the effect of statins on the risk of new-onset diabetes? The case of pitavastatin. <b>2015</b> , 16, 1-27	37
1059	Nutrient-sensing mechanisms and pathways. <b>2015</b> , 517, 302-10	638
1058	Control of homeostatic and pathogenic balance in adipose tissue by ganglioside GM3. <b>2015</b> , 25, 303-18	26

1057	Quercetin ameliorates insulin sensitivity and liver steatosis partly by increasing adiponectin expression in ob/ob mice. <b>2015</b> , 24, 273-279	22
1056	Modulatory effects of adiponectin on the polarization of tumor-associated macrophages. <b>2015</b> , 137, 848-58	12
1055	Revealing the Strong Functional Association of adipor2 and cdh13 with adipoq: A Gene Network Study. <b>2015</b> , 71, 1445-56	5
1054	Role of genetic variants in ADIPOQ in human eating behavior. <b>2015</b> , 10, 449	21
1053	Evaluation of adiponectin and lipoprotein(a) levels in cardiac syndrome X. <b>2015</b> , 40 Suppl 3, 291-7	5
1052	The role of metabolic syndrome in heart failure. <b>2015</b> , 36, 2630-4	66
1051	Human Bisphenol A Exposure and the "Diabesity Phenotype". <b>2015</b> , 13, 1559325815599173	29
1050	Should the pharmacological actions of dietary fatty acids in cardiometabolic disorders be classified based on biological or chemical function?. <b>2015</b> , 59, 172-200	28
1049	Obesity-induced DNA hypermethylation of the adiponectin gene mediates insulin resistance. <b>2015</b> , 6, 7585	123
1048	Insulin plant ( <i>Costus pictus</i> ) extract improves insulin sensitivity and ameliorates atherogenic dyslipidaemia in fructose induced insulin resistant rats: Molecular mechanism. <b>2015</b> , 17, 749-760	12
1047	Adiponectin Enhances Cold-Induced Browning of Subcutaneous Adipose Tissue via Promoting M2 Macrophage Proliferation. <b>2015</b> , 22, 279-90	204
1046	Adiponectin serum levels correlate with insulin resistance in type 2 diabetic patients. <b>2015</b> , 23, 250-6	49
1045	Relationship of Caffeine with Adiponectin and Blood Sugar Levels in Subjects with and without Diabetes. <b>2015</b> , 9, BC01-3	4
1044	Alteration of local adipose tissue trace element homeostasis as a possible mechanism of obesity-related insulin resistance. <b>2015</b> , 85, 343-7	19
1043	Isomeric effects of anti-diabetic lipoic acid with $\beta$ -cyclodextrin. <b>2015</b> , 136, 73-8	6
1042	A microfluidic interface for the culture and sampling of adiponectin from primary adipocytes. <b>2015</b> , 140, 1019-25	25
1041	Association of Serum Levels of Adipokines and Insulin With Risk of Barrett's Esophagus: A Systematic Review and Meta-Analysis. <b>2015</b> , 13, 2241-55.e1-4; quiz e179	34
1040	Ginsenoside Rb1 ameliorates liver fat accumulation by upregulating perilipin expression in adipose tissue of db/db obese mice. <b>2015</b> , 39, 199-205	42

1039	Yeast <i>Saccharomyces cerevisiae</i> adiponectin receptor homolog Izh2 is involved in the regulation of zinc, phospholipid and pH homeostasis. <b>2015</b> , 7, 1338-51	5
1038	Adiponectin regulates psoriasiform skin inflammation by suppressing IL-17 production from $\alpha\beta$ T cells. <b>2015</b> , 6, 7687	97
1037	Association between ADIPOQ +45T>G polymorphism and type 2 diabetes: a systematic review and meta-analysis. <b>2014</b> , 16, 704-23	17
1036	Peroxisome proliferator-activated receptor $\beta$ enhances adiponectin secretion via up-regulating DsbA-L expression. <b>2015</b> , 411, 97-104	15
1035	Fatty acids increase adiponectin secretion through both classical and exosome pathways. <b>2015</b> , 1851, 1123-33	32
1034	Adiponectin Levels and Longitudinal Changes in Metabolic Syndrome: The Healthy Twin Study. <b>2015</b> , 13, 312-8	8
1033	Postprandial adiponectin and gelatinase response to a high-fat versus an isoenergetic low-fat meal in lean, healthy men. <b>2015</b> , 31, 863-70	12
1032	Plasma adiponectin levels in schizophrenia and role of second-generation antipsychotics: a meta-analysis. <b>2015</b> , 56, 179-89	47
1031	Hikiamides A-C, Cyclic Pentadepsipeptides from <i>Fusarium</i> sp. TAMA 456. <b>2015</b> , 78, 797-802	8
1030	Homeostatic regulation of T cell trafficking by a B cell-derived peptide is impaired in autoimmune and chronic inflammatory disease. <b>2015</b> , 21, 467-475	64
1029	Vitamin B12 and omega-3 fatty acids together regulate lipid metabolism in Wistar rats. <b>2015</b> , 99, 7-17	20
1028	Simvastatin does not reduce chemokine production in obesity without comorbidities. <b>2015</b> , 38, 1297-301	2
1027	Behavioral, Metabolic, and Immune Consequences of Chronic Alcohol or Cannabinoids on HIV/AIDs: Studies in the Non-Human Primate SIV Model. <b>2015</b> , 10, 217-32	13
1026	Diabetes and Tryptophan Metabolism. <b>2015</b> , 147-171	3
1025	Adiponectin, type 2 diabetes and cardiovascular risk. <b>2015</b> , 22, 276-83	33
1024	Adiponectin as serum biomarker of insulin resistance in patients with polycystic ovarian syndrome. <b>2015</b> , 31, 473-6	8
1023	Immune regulation of metabolic homeostasis in health and disease. <b>2015</b> , 161, 146-160	282
1022	Ellagic acid potentiates insulin sensitising activity of pioglitazone in L6 myotubes. <b>2015</b> , 15, 1-10	24

1021	Transmembrane tumor necrosis factor-alpha sensitizes adipocytes to insulin. <b>2015</b> , 406, 78-86	9
1020	Obesity and kidney disease: differential effects of obesity on adipose tissue and kidney inflammation and fibrosis. <b>2015</b> , 24, 28-36	49
1019	The prevention and treatment of hypoadiponectinemia-associated human diseases by up-regulation of plasma adiponectin. <b>2015</b> , 135, 55-67	29
1018	Circulating levels of adiponectin, resistin, and visfatin after mud-bath therapy in patients with bilateral knee osteoarthritis. <b>2015</b> , 59, 1691-700	43
1017	Adiponectin fine-tuning of liver regeneration dynamics revealed through cellular network modelling. <b>2015</b> , 593, 365-83	14
1016	Translational value of animal models of obesity-Focus on dogs and cats. <b>2015</b> , 759, 240-52	23
1015	Mechanisms of enhanced insulin secretion and sensitivity with n-3 unsaturated fatty acids. <b>2015</b> , 26, 571-84	76
1014	Relationship between adiponectin and fertility in the female pig. <b>2015</b> , 27, 458-70	3
1013	Niacin improves adiponectin secretion, glucose tolerance and insulin sensitivity in diet-induced obese rats. <b>2015</b> , 2, 261-267	4
1012	Pro-inflammatory Macrophages suppress PPAR $\alpha$ activity in Adipocytes via S-nitrosylation. <b>2015</b> , 89, 895-905	26
1011	Responses in gut microbiota and fat metabolism to a halogenated methane analogue in Sprague Dawley rats. <b>2015</b> , 8, 519-26	11
1010	Pioglitazone treatment restores in vivo muscle oxidative capacity in a rat model of diabetes. <b>2015</b> , 17, 52-60	20
1009	Nicotinamide Riboside Ameliorates Hepatic Metaflammation by Modulating NLRP3 Inflammasome in a Rodent Model of Type 2 Diabetes. <b>2015</b> , 18, 1207-13	36
1008	Kidney Disease in Obesity and Metabolic Syndrome. <b>2015</b> , 1-24	
1007	Reference values for serum total adiponectin in healthy non-obese children and adolescents. <b>2015</b> , 450, 11-4	26
1006	Multifaceted roles of adiponectin in rheumatoid arthritis. <b>2015</b> , 28, 1084-90	30
1005	The rapid increase of circulating adiponectin in neonatal calves depends on colostrum intake. <b>2015</b> , 98, 7044-51	14
1004	Comparative effects of metformin and pioglitazone on fetuin-A and osteoprotegerin concentrations in patients with newly diagnosed diabetes: A randomized clinical trial. <b>2015</b> , 9, 258-65	14

1003	Iron metabolism and incidence of metabolic syndrome. <b>2015</b> , 25, 1025-32	9
1002	New and emerging biomarkers in cardiovascular disease. <b>2015</b> , 15, 88	14
1001	The lysyl oxidase inhibitor $\epsilon$ -aminopropionitrile reduces body weight gain and improves the metabolic profile in diet-induced obesity in rats. <b>2015</b> , 8, 543-51	25
1000	A high-fat maternal diet decreases adiponectin receptor-1 expression in offspring. <b>2015</b> , 28, 216-21	9
999	Pathogenesis and management of the diabetogenic effect of statins: a role for adiponectin and coenzyme Q10?. <b>2015</b> , 17, 472	25
998	What is the best biomarker for metabolic syndrome diagnosis?. <b>2015</b> , 9, 366-72	42
997	Uterine selection of human embryos at implantation. <b>2014</b> , 4, 3894	162
996	Impact of serum levels of interleukin-6 and adiponectin on all-cause, liver-related, and liver-unrelated mortality in chronic hepatitis C patients. <b>2015</b> , 30, 379-88	14
995	Essential roles of insulin, AMPK signaling and lysyl and prolyl hydroxylases in the biosynthesis and multimerization of adiponectin. <b>2015</b> , 399, 164-77	11
994	A reduction in both visceral and subcutaneous fats contributes to increased adiponectin by lifestyle intervention in the Diabetes Prevention Program. <b>2015</b> , 52, 625-8	10
993	High maysin corn silk extract reduces body weight and fat deposition in C57BL/6J mice fed high-fat diets. <b>2016</b> , 10, 575-582	11
992	The effects of vitamin D supplementation on adiponectin level and insulin resistance in first-degree relatives of subjects with type 2 diabetes: a randomized double-blinded controlled trial. <b>2016</b> , 8, 2849-2854	7
991	Co-option of pre-existing vascular beds in adipose tissue controls tumor growth rates and angiogenesis. <b>2016</b> , 7, 38282-38291	20
990	Adiponectin: A Mediator of Obesity, Insulin Resistance, Diabetes, and the Metabolic Syndrome. <b>2016</b> , 33-42	1
989	Adiponectin Protects against Glutamate-Induced Excitotoxicity via Activating SIRT1-Dependent PGC-1 $\alpha$ Expression in HT22 Hippocampal Neurons. <b>2016</b> , 2016, 2957354	30
988	From Placenta to Polycystic Ovarian Syndrome: The Role of Adipokines. <b>2016</b> , 2016, 4981916	16
987	Adiponectin Inhibits LPS-Induced HMGB1 Release through an AMP Kinase and Heme Oxygenase-1-Dependent Pathway in RAW 264 Macrophage Cells. <b>2016</b> , 2016, 5701959	15
986	Impacts of Nonsynonymous Single Nucleotide Polymorphisms of Adiponectin Receptor 1 Gene on Corresponding Protein Stability: A Computational Approach. <b>2016</b> , 2016, 9142190	12

985	A High-Fat, High-Fructose Diet Induces Antioxidant Imbalance and Increases the Risk and Progression of Nonalcoholic Fatty Liver Disease in Mice. <b>2016</b> , 2016, 5029414	34
984	Cardiometabolic Health in Submariners Returning from a 3-Month Patrol. <b>2016</b> , 8, 85	7
983	Obesity and cancer: the role of adipose tissue and adipo-cytokines-induced chronic inflammation. <b>2016</b> , 7, 2346-2359	165
982	Corn silk extract improves cholesterol metabolism in C57BL/6J mouse fed high-fat diets. <b>2016</b> , 10, 501-506	9
981	Systematic Review of Metabolic Syndrome Biomarkers: A Panel for Early Detection, Management, and Risk Stratification in the West Virginian Population. <b>2016</b> , 13, 25-38	233
980	Plasma C1q/TNF-Related Protein-9 Levels Are Associated with Atherosclerosis in Patients with Type 2 Diabetes without Renal Dysfunction. <b>2016</b> , 2016, 8624313	11
979	Differential Effects of Camel Milk on Insulin Receptor Signaling - Toward Understanding the Insulin-Like Properties of Camel Milk. <b>2016</b> , 7, 4	23
978	Exercise and Adipose Tissue Macrophages: New Frontiers in Obesity Research?. <b>2016</b> , 7, 65	33
977	CST, an Herbal Formula, Exerts Anti-Obesity Effects through Brain-Gut-Adipose Tissue Axis Modulation in High-Fat Diet Fed Mice. <b>2016</b> , 21,	16
976	Cardiovascular magnetic resonance detects the progression of impaired myocardial perfusion reserve and increased left-ventricular mass in mice fed a high-fat diet. <b>2016</b> , 18, 53	15
975	The Effect of Selenium Supplementation on Glucose Homeostasis and the Expression of Genes Related to Glucose Metabolism. <b>2016</b> , 8,	21
974	Effect of Varying Carbohydrate Fractions on Growth, Body Composition, Metabolic, and Hormonal Indices in Juvenile Black Carp, <i>Mylopharyngodon piceus</i> . <b>2016</b> , 47, 435-449	6
973	Physiological roles for the subfornical organ: a dynamic transcriptome shaped by autonomic state. <b>2016</b> , 594, 1581-9	20
972	Cardioprotection by 6-gingerol in diabetic rats. <b>2016</b> , 477, 908-914	14
971	Adipocytes do not significantly contribute to plasma angiotensinogen. <b>2016</b> , 17, 1470320316672348	7
970	Possible Involvement of Adiponectin, the Anti-Diabetes Molecule, in the Pathogenesis of Alzheimer's Disease. <b>2016</b> , 52, 1453-9	42
969	Chronic adiponectin deficiency leads to Alzheimer's disease-like cognitive impairments and pathologies through AMPK inactivation and cerebral insulin resistance in aged mice. <b>2016</b> , 11, 71	81
968	Effect of berberine on the ratio of high-molecular weight adiponectin to total adiponectin and adiponectin receptors expressions in high-fat diet fed rats. <b>2016</b> , 1	9



967	Mechanisms involved in altered bone metabolism in diabetes: a narrative review. <b>2016</b> , 15, 52	31
966	Loss of CTRP5 improves insulin action and hepatic steatosis. <b>2016</b> , 310, E1036-52	25
965	Loss of CTRP1 disrupts glucose and lipid homeostasis. <b>2016</b> , 311, E678-E697	38
964	Butyrate attenuates lipolysis in adipocytes co-cultured with macrophages through non-prostaglandin E2-mediated and prostaglandin E2-mediated pathways. <b>2016</b> , 15, 213	15
963	Sex-dependent association between erythrocyte n-3 PUFA and type 2 diabetes in older overweight people. <b>2016</b> , 115, 1379-86	15
962	Short-term caloric restriction in db/db mice improves myocardial function and increases high molecular weight (HMW) adiponectin. <b>2016</b> , 13, 28-34	7
961	Targeting arginase-II protects mice from high-fat-diet-induced hepatic steatosis through suppression of macrophage inflammation. <b>2016</b> , 6, 20405	26
960	Genome-wide linkage analysis and regional fine mapping identified variants in the RYR3 gene as a novel quantitative trait locus for circulating adiponectin in Chinese population. <b>2016</b> , 95, e5174	2
959	FADD is a key regulator of lipid metabolism. <b>2016</b> , 8, 895-918	9
958	DHL-HisZn, a novel antioxidant, enhances adipogenic differentiation and antioxidative response in adipose-derived stem cells. <b>2016</b> , 84, 1601-1609	7
957	Partial deficiency of CTRP12 alters hepatic lipid metabolism. <b>2016</b> , 48, 936-949	16
956	Adiponectin levels predict prediabetes risk: the Pathobiology of Prediabetes in A Biracial Cohort (POP-ABC) study. <b>2016</b> , 4, e000194	38
955	Coffee consumption, obesity and type 2 diabetes: a mini-review. <b>2016</b> , 55, 1345-58	94
954	Permissive role of AMPK and autophagy in adiponectin deficiency-accentuated myocardial injury and inflammation in endotoxemia. <b>2016</b> , 93, 18-31	37
953	Implication of hepatokines in metabolic disorders and cardiovascular diseases. <b>2016</b> , 5, 108-13	39
952	E-selectin ligand-1 (ESL-1) is a novel adiponectin binding protein on cell adhesion. <b>2016</b> , 470, 425-430	7
951	High cardiometabolic risk in healthy Chilean adolescents: associations with anthropometric, biological and lifestyle factors. <b>2016</b> , 19, 486-93	35
950	Longitudinal changes in adiponectin multimer levels in preterm infants. <b>2016</b> , 95, 29-33	3

949	Mediterranean diet cools down the inflammatory milieu in type 2 diabetes: the MDITA randomized controlled trial. <b>2016</b> , 54, 634-641	38
948	Telmisartan: a multifaceted antihypertension drug. <b>2016</b> , 32, 1397-8	1
947	Oral administration of Aloe vera gel powder prevents UVB-induced decrease in skin elasticity via suppression of overexpression of MMPs in hairless mice. <b>2016</b> , 80, 1416-24	14
946	Plasma steroid-binding proteins: primary gatekeepers of steroid hormone action. <b>2016</b> , 230, R13-25	158
945	PI3K-resistant GSK3 controls adiponectin formation and protects from metabolic syndrome. <b>2016</b> , 113, 5754-9	26
944	Inter-relationships between the severity of metabolic syndrome, insulin and adiponectin and their relationship to future type 2 diabetes and cardiovascular disease. <b>2016</b> , 40, 1353-9	39
943	The current role of thiazolidinediones in diabetes management. <b>2016</b> , 90, 1861-81	45
942	Saturated fatty acid intake decreases serum adiponectin levels in subjects with type 1 diabetes. <b>2016</b> , 116, 205-11	5
941	Effects of sardine-enriched diet on metabolic control, inflammation and gut microbiota in drug-naïve patients with type 2 diabetes: a pilot randomized trial. <b>2016</b> , 15, 78	71
940	A Transient Metabolic Recovery from Early Life Glucose Intolerance in Cystic Fibrosis Ferrets Occurs During Pancreatic Remodeling. <b>2016</b> , 157, 1852-65	27
939	C1q/TNF-Related Protein-9 (CTRP9) Levels Are Associated With Obesity and Decrease Following Weight Loss Surgery. <b>2016</b> , 101, 2211-7	26
938	Effectiveness of rutin-rich Tartary buckwheat ( <i>Fagopyrum tataricum</i> Gaertn.) $\bar{\text{M}}\text{anten-Kirari}\bar{\text{n}}$ body weight reduction related to its antioxidant properties: A randomised, double-blind, placebo-controlled study. <b>2016</b> , 26, 460-469	37
937	Adiponectin promotes VEGF-C-dependent lymphangiogenesis by inhibiting miR-27b through a CaMKII/AMPK/p38 signaling pathway in human chondrosarcoma cells. <b>2016</b> , 130, 1523-33	25
936	Transcriptomic Profiling of Adipose Tissue in Obese Women in Response to Acupuncture Catgut Embedding Therapy with Moxibustion. <b>2016</b> , 22, 658-68	11
935	Circulating sex hormones, alcohol consumption and echocardiographic parameters of cardiac function in men with heart failure. <b>2016</b> , 224, 245-251	1
934	Impact of statin therapy on plasma adiponectin concentrations: A systematic review and meta-analysis of 43 randomized controlled trial arms. <b>2016</b> , 253, 194-208	117
933	Therapeutic applications of conditioned medium from adipose tissue. <b>2016</b> , 49, 561-7	7
932	NAMPT-Mediated NAD(+) Biosynthesis in Adipocytes Regulates Adipose Tissue Function and Multi-organ Insulin Sensitivity in Mice. <b>2016</b> , 16, 1851-60	100

931	Taq1B Polymorphism of Cholesteryl Ester Transfer Protein (CETP) and Its Effects on the Serum Lipid Levels in Metabolic Syndrome Patients. <b>2016</b> , 54, 894-902	10
930	Biomarkers of Diabetes and Diabetic Complications. <b>2016</b> , 101-124	
929	Eicosapentaenoic acid ameliorates hyperglycemia in high-fat diet-sensitive diabetes mice in conjunction with restoration of hypo adiponectinemia. <b>2016</b> , 6, e213	4
928	The association between the body composition and lifestyle affecting pulmonary function in Japanese workers. <b>2016</b> , 28, 2883-2889	5
927	Decreased serum insulin-like growth factor-I level is associated with the increased mortality in type 2 diabetes mellitus. <b>2016</b> , 63, 811-818	9
926	HMGB1 is secreted by 3T3-L1 adipocytes through JNK signaling and the secretion is partially inhibited by adiponectin. <b>2016</b> , 24, 1913-21	20
925	Adiponectin corrects premature cellular senescence and normalizes antimicrobial peptide levels in senescent keratinocytes. <b>2016</b> , 477, 678-684	13
924	Lipid and inflammatory biomarker profiles in early insulin resistance. <b>2016</b> , 53, 905-913	9
923	Association of Inflammation prior to Kidney Transplantation with Post-Transplant Diabetes Mellitus. <b>2016</b> , 6, 289-300	6
922	Human adipogenesis is associated with genome-wide DNA methylation and gene-expression changes. <b>2016</b> , 8, 1601-1617	18
921	Adipose tissue in control of metabolism. <b>2016</b> , 231, R77-R99	284
920	DNA Methyltransferase Inhibitors: Development and Applications. <b>2016</b> , 945, 431-473	17
919	Systemic corazonin signalling modulates stress responses and metabolism in Drosophila. <b>2016</b> , 6,	60
918	Elevated Adiponectin Antibody Levels in Sera of Patients with Atherosclerosis-Related Coronary Artery Disease, Cerebral Infarction and Diabetes Mellitus. <b>2016</b> , 5, 8	7
917	Fibroblast growth factor 21 (FGF21) therapy attenuates left ventricular dysfunction and metabolic disturbance by improving FGF21 sensitivity, cardiac mitochondrial redox homoeostasis and structural changes in pre-diabetic rats. <b>2016</b> , 217, 287-99	34
916	4',6-dimethoxyisoflavone-7-O-β-D-glucopyranoside (wistin) is a peroxisome proliferator-activated receptor (PPAR) agonist that stimulates adipocyte differentiation. <b>2016</b> , 87, 1347-1351	5
915	T-cadherin as a novel receptor regulating metabolism in the blood vessel and heart cells: from structure to function. <b>2016</b> , 52, 103-118	8
914	No association of adiponectin +45 T/G polymorphism with the risk of gestational diabetes mellitus: Evidence from a meta-analysis. <b>2016</b> , 17, 1470320316653283	3

913	The Role of Metabolic Surgery on Blood Pressure Control. <b>2016</b> , 18, 50	17
912	Prognostic value of adiponectin in coronary artery disease: Role of diabetes and left ventricular systolic dysfunction. <b>2016</b> , 118, 58-66	6
911	Weight-Loss Diets, Adiponectin, and Changes in Cardiometabolic Risk in the 2-Year POUNDS Lost Trial. <b>2016</b> , 101, 2415-22	30
910	Caveolin-1/-3: therapeutic targets for myocardial ischemia/reperfusion injury. <b>2016</b> , 111, 45	23
909	Association between depression and neuropathy in people with type 2 diabetes: a meta-analysis. <b>2016</b> , 31, 829-36	19
908	Leptin but not adiponectin is related to type 2 diabetes mellitus in obese adolescents. <b>2016</b> , 17, 281-8	19
907	Association of serum leptin and adiponectin with anthropomorphic indices of obesity, blood lipids and insulin resistance in a Sub-Saharan African population. <b>2016</b> , 15, 96	35
906	Biomarkers of Metabolic Syndrome: Biochemical Background and Clinical Significance. <b>2016</b> , 14, 47-93	16
905	Type 2 diabetes mellitus coincident with pulmonary or latent tuberculosis results in modulation of adipocytokines. <b>2016</b> , 79, 74-81	18
904	Impact of Obesity and Metabolic Syndrome on Immunity. <b>2016</b> , 7, 66-75	284
903	High Fiber and Low Starch Intakes Are Associated with Circulating Intermediate Biomarkers of Type 2 Diabetes among Women. <b>2016</b> , 146, 306-17	24
902	The diabetogenic action of statins - mechanisms and clinical implications. <b>2016</b> , 12, 99-110	88
901	Alzheimer's like brain changes correlate with low adiponectin plasma levels in type 2 diabetic patients. <b>2016</b> , 30, 281-6	24
900	Pioglitazone, a PPAR $\alpha$ agonist, attenuates PDGF-induced vascular smooth muscle cell proliferation through AMPK-dependent and AMPK-independent inhibition of mTOR/p70S6K and ERK signaling. <b>2016</b> , 101, 54-70	38
899	Understanding Diabetes Mellitus: Pathophysiology. <b>2016</b> , 33-45	3
898	Adiponectin: a versatile player of innate immunity. <b>2016</b> , 8, 120-8	104
897	Circulating adiponectin and carotid intima-media thickness: A systematic review and meta-analysis. <b>2016</b> , 65, 968-86	28
896	The role of obestatin in roux-en-Y gastric bypass-induced remission of type 2 diabetes mellitus. <b>2016</b> , 32, 470-7	3

895	Sodium Intake Regulates Glucose Homeostasis through the PPAR $\alpha$ /Adiponectin-Mediated SGLT2 Pathway. <b>2016</b> , 23, 699-711	52
894	Cardiac fatty acid oxidation in heart failure associated with obesity and diabetes. <b>2016</b> , 1861, 1525-34	54
893	Effects of different amounts and types of dietary fatty acids on the body weight, fat accumulation, and lipid metabolism in hamsters. <b>2016</b> , 32, 601-8	8
892	Pathogenesis of NAFLD and NASH. <b>2016</b> , 71-101	4
891	Kidney Disease in Obesity and Metabolic Syndrome. <b>2016</b> , 761-780	
890	Heterogeneity of white adipose tissue: molecular basis and clinical implications. <b>2016</b> , 48, e215	93
889	Chronic liquid nutrition intake induces obesity and considerable but reversible metabolic alterations in Wistar rats. <b>2016</b> , 72, 225-43	3
888	CTRP3 deficiency reduces liver size and alters IL-6 and TGF $\beta$ levels in obese mice. <b>2016</b> , 310, E332-45	32
887	Longitudinal changes in adipose tissue of dairy cows from late pregnancy to lactation. Part 2: The SIRT-PPARGC1A axis and its relationship with the adiponectin system. <b>2016</b> , 99, 1560-1570	13
886	p75 Neurotrophin Receptor Regulates Energy Balance in Obesity. <b>2016</b> , 14, 255-68	32
885	Monounsaturated Fatty Acid Mediated Liver-Adipose Tissue Crosstalk and Metabolic Regulation. <b>2016</b> , 255-265	
884	Associations of serum adiponectin with markers of cardio-metabolic disease risk in Indigenous Australian adults with good health, diabetes and chronic kidney disease. <b>2016</b> , 10, 659-672	5
883	Central Resistin/TLR4 Impairs Adiponectin Signaling, Contributing to Insulin and FGF21 Resistance. <b>2016</b> , 65, 913-26	44
882	Fish oil prevents excessive accumulation of subcutaneous fat caused by an adverse effect of pioglitazone treatment and positively changes adipocytes in KK mice. <b>2016</b> , 3, 4-14	11
881	Prediagnosis Plasma Adiponectin in Relation to Colorectal Cancer Risk According to KRAS Mutation Status. <b>2016</b> , 108,	26
880	The effects of adiponectin and inflammatory cytokines on diabetic vascular complications in obese and non-obese patients with type 2 diabetes mellitus. <b>2016</b> , 111, 58-65	16
879	Erectile dysfunction and diabetes: Association with the impairment of lipid metabolism and oxidative stress. <b>2016</b> , 49, 70-8	6
878	Obesity Exacerbates Rat Cerebral Ischemic Injury through Enhancing Ischemic Adiponectin-Containing Neuronal Apoptosis. <b>2016</b> , 53, 3702-3713	15

877	Association of serum adiponectin level with albuminuria in chronic kidney disease patients. <b>2016</b> , 20, 443-9	17
876	Differential effects of leptin on adiponectin expression with weight gain versus obesity. <b>2016</b> , 40, 266-74	33
875	Genes associated with diabetes: potential for novel therapeutic targets?. <b>2016</b> , 20, 255-67	12
874	Complex coacervates obtained from peptide leucine and gum arabic: formation and characterization. <b>2016</b> , 194, 680-6	34
873	Adiponectin: A biomarker for chronic hepatitis C?. <b>2017</b> , 89, 27-33	6
872	Effects of Modified Qing'e Pill () on expression of adiponectin, bone morphogenetic protein 2 and coagulation-related factors in patients with nontraumatic osteonecrosis of femoral head. <b>2017</b> , 23, 183-189	4
871	Bisphenol A is associated with insulin resistance and modulates adiponectin and resistin gene expression in obese children. <b>2017</b> , 12, 380-387	37
870	Simamycin (5'-O-geranyluridine): a new prenylated nucleoside from Streptomyces sp. <b>2017</b> , 70, 607-610	2
869	Increased expression of triggering receptor expressed on myeloid cells-1 in the population with obesity and insulin resistance. <b>2017</b> , 25, 527-538	17
868	Bariatric surgery attenuates colitis in an obese murine model. <b>2017</b> , 13, 661-668	4
867	Expression of selected genes related to energy mobilisation and insulin resistance in dairy cows. <b>2017</b> , 57, 1007	1
866	Tendinopathy in diabetes mellitus patients-Epidemiology, pathogenesis, and management. <b>2017</b> , 27, 776-787	33
865	Different milk feeding intensities during the first 4 weeks of rearing dairy calves: Part 2: Effects on the metabolic and endocrine status during calfhod and around the first lactation. <b>2017</b> , 100, 3109-3125	12
864	Heart Involvement in Osteoarthritis. <b>2017</b> , 461-488	
863	Nutrition, metabolism, and targeting aging in nonhuman primates. <b>2017</b> , 39, 29-35	16
862	Elevated total plasma-adiponectin is stable over time in young women with bulimia nervosa. <b>2017</b> , 41, 30-36	2
861	Current and Future Medical Treatment of Obesity. <b>2017</b> , 27, 181-190	4
860	Adiponectin improves endothelial function in mesenteric arteries of rats fed a high-fat diet: role of perivascular adipose tissue. <b>2017</b> , 174, 3514-3526	49

859	Thyroid hormone-stimulated increases in PGC-1 $\alpha$ and UCP2 promote life history-specific endocrine changes and maintain a lipid-based metabolism. <b>2017</b> , 312, R189-R196	6
858	Diets link metabolic syndrome and colorectal cancer development (Review). <b>2017</b> , 37, 1312-1320	15
857	The role of adiponectin receptors in the regulation of synaptic transmission in the hippocampus. <b>2017</b> , 71, e21964	14
856	Effects of Oral Antidiabetic Drugs on Changes in the Liver-to-Spleen Ratio on Computed Tomography and Inflammatory Biomarkers in Patients With Type 2 Diabetes and Nonalcoholic Fatty Liver Disease. <b>2017</b> , 39, 558-566	15
855	Adiponectin and Its Receptors in Diabetic Kidney Disease: Molecular Mechanisms and Clinical Potential. <b>2017</b> , 158, 2022-2034	45
854	High-fat diet induces systemic B-cell repertoire changes associated with insulin resistance. <b>2017</b> , 10, 1468-1479	12
853	Insights into the Link Between Obesity and Cancer. <b>2017</b> , 6, 195-203	60
852	Long-term soft drink and aspartame intake induces hepatic damage via dysregulation of adipocytokines and alteration of the lipid profile and antioxidant status. <b>2017</b> , 41, 47-55	16
851	Combined immunotherapy with "anti-insulin resistance" therapy as a novel therapeutic strategy against neurodegenerative diseases. <b>2017</b> , 3, 4	17
850	Pioglitazone Attenuates Injury-Induced Neointima Formation in Mouse Femoral Artery Partially through the Activation of AMP-Activated Protein Kinase. <b>2017</b> , 100, 64-73	4
849	Curcumin: A Naturally Occurring Modulator of Adipokines in Diabetes. <b>2017</b> , 118, 4170-4182	28
848	Non-alcoholic fatty liver disease: A sign of systemic disease. <b>2017</b> , 72, 94-108	92
847	Metabolic responses and "omics" technologies for elucidating the effects of heat stress in dairy cows. <b>2017</b> , 61, 1149-1158	24
846	A cross-sectional study of the association between adipokine levels and bone mineral density according to obesity and menopausal status in Korean women. <b>2017</b> , 35, 642-648	5
845	MR spectroscopy of hepatic fat and adiponectin and leptin levels during testosterone therapy in type 2 diabetes: a randomized, double-blinded, placebo-controlled trial. <b>2017</b> , 177, 157-168	16
844	Normalization of adiponectin concentrations by leptin replacement in ob/ob mice is accompanied by reductions in systemic oxidative stress and inflammation. <b>2017</b> , 7, 2752	37
843	Role of p62 in the suppression of inflammatory cytokine production by adiponectin in macrophages: Involvement of autophagy and p21/Nrf2 axis. <b>2017</b> , 7, 393	31
842	Human adipocyte differentiation and characterization in a perfusion-based cell culture device. <b>2017</b> , 19, 18	13

841	Molecular identification and functional analysis of Ctrp9 in. <b>2017</b> , 58, 179-191	18
840	In silico analysis of nonsynonymous single nucleotide polymorphisms of the human adiponectin receptor 2 (ADIPOR2) gene. <b>2017</b> , 68, 175-185	13
839	Bilobalide abates inflammation, insulin resistance and secretion of angiogenic factors induced by hypoxia in 3T3-L1 adipocytes by controlling NF- $\kappa$ B and JNK activation. <b>2017</b> , 42, 209-217	25
838	Effects of a lifestyle modification programme to reduce the number of risk factors for metabolic syndrome: a randomised controlled trial. <b>2017</b> , 20, 142-153	12
837	Effects of Alpha-Lipoic Acid Supplementation on Plasma Adiponectin Levels and Some Metabolic Risk Factors in Patients with Schizophrenia. <b>2017</b> , 20, 79-85	14
836	Hepatic lipid metabolism and non-alcoholic fatty liver disease in aging. <b>2017</b> , 455, 115-130	56
835	Role and mechanism of PTEN in adiponectin-induced osteogenesis in human bone marrow mesenchymal stem cells. <b>2017</b> , 483, 712-717	20
834	Life in the fat lane: seasonal regulation of insulin sensitivity, food intake, and adipose biology in brown bears. <b>2017</b> , 187, 649-676	38
833	Developing Circadian Therapeutics Against Age-Related Metabolic Decline. <b>2017</b> , 235-268	
832	Suppression of adiponectin receptor 1 promotes memory dysfunction and Alzheimer's disease-like pathologies. <b>2017</b> , 7, 12435	31
831	Prediabetes in youth - mechanisms and biomarkers. <b>2017</b> , 1, 240-248	27
830	Effect of the antidiabetic agent pioglitazone on bone metabolism in rats. <b>2017</b> , 135, 22-28	7
829	Risk and associates of incident hip fracture in type 1 diabetes: The Fremantle Diabetes Study. <b>2017</b> , 134, 153-160	12
828	Use of HepG2 cell line for evaluation of toxic and metabolic antipsychotic action. <b>2017</b> , 11, 405-415	6
827	Effect of hormonal and energy-related factors on plasma adiponectin in transition dairy cows. <b>2017</b> , 100, 9418-9427	8
826	Association Between Peripheral Adipokines and Inflammation Markers: A Systematic Review and Meta-Analysis. <b>2017</b> , 25, 1776-1785	39
825	Heart-bound adiponectin, not serum adiponectin, inversely correlates with cardiac hypertrophy in stroke-prone spontaneously hypertensive rats. <b>2017</b> , 102, 1435-1447	5
824	Glucose availability controls adipogenesis in mouse 3T3-L1 adipocytes via up-regulation of nicotinamide metabolism. <b>2017</b> , 292, 18556-18564	21



823	Obesity, body composition and cardiorespiratory fitness in heart failure with preserved ejection fraction. <b>2017</b> , 13, 451-463	23
822	Differential response of rat strains to obesogenic diets underlines the importance of genetic makeup of an individual towards obesity. <b>2017</b> , 7, 9162	10
821	Lipid-lowering drugs and risk of new-onset diabetes: a cohort study using Japanese healthcare data linked to clinical data for health screening. <b>2017</b> , 7, e015935	14
820	Development of gene polymorphisms in mediatators of nonalcoholic fatty liver disease. <b>2017</b> , 7, 95-104	8
819	Relationship between vitamin D and gestational diabetes in overweight or obese pregnant women may be mediated by adiponectin. <b>2017</b> , 61, 1700488	20
818	Indazole-based ligands for estrogen-related receptor $\beta$ s potential anti-diabetic agents. <b>2017</b> , 138, 830-853	15
817	Involvement of the leptin-adiponectin axis in inflammation and oxidative stress in the metabolic syndrome. <b>2017</b> , 7, 6619	100
816	Biological sources of variation of serum adiponectin among healthy individuals in comparison with related nutritional and inflammatory markers. <b>2017</b> , 472, 105-111	
815	Serum adiponectin predicts fracture risk in individuals with type 2 diabetes: the Fukuoka Diabetes Registry. <b>2017</b> , 60, 1922-1930	9
814	Adiponectin protects against development of metabolic disturbances in a PCOS mouse model. <b>2017</b> , 114, E7187-E7196	60
813	The effect of thyroid dysfunction on nesfatin-1 and adiponectin levels in rats. <b>2017</b> , 32,	3
812	Differential expression of sirtuin 2 and adipocyte maturation restriction: an adaptation process during hypoxia in fish. <b>2017</b> , 6, 1375-1382	5
811	Effects of nicotine on homeostatic and hedonic components of food intake. <b>2017</b> , 235, R13-R31	28
810	Analysis of the correlation between adiponectin gene polymorphism and metabolic syndrome incidence and its relationship with the degree of atherosclerosis in patients. <b>2017</b> , 14, 5002-5006	1
809	Anthocyanins as promising molecules and dietary bioactive components against diabetes $\Delta$ review of recent advances. <b>2017</b> , 68, 1-13	120
808	Nrg4 promotes fuel oxidation and a healthy adipokine profile to ameliorate diet-induced metabolic disorders. <b>2017</b> , 6, 863-872	59
807	Trimester-Specific Urinary Bisphenol A Concentrations and Blood Glucose Levels Among Pregnant Women From a Fertility Clinic. <b>2017</b> , 102, 1350-1357	38
806	Transendothelial movement of adiponectin is restricted by glucocorticoids. <b>2017</b> , 234, 101-114	5

805	Bifidobacterium animalis subsp. lactis LKM512 reduces levels of intestinal trimethylamine produced by intestinal microbiota in healthy volunteers: A double-blind, placebo-controlled study. <b>2017</b> , 36, 94-101	19
804	The Relation of Light-to-Moderate Alcohol Consumption to Glucose Metabolism and Insulin Resistance in Nondiabetic Adults: the Moderating Effects of Depressive Symptom Severity, Adiposity, and Sex. <b>2017</b> , 24, 927-936	3
803	Senna alata leaf extract restores insulin sensitivity in high-fat diet-induced obese mice. <b>2017</b> , 2,	0
802	Supplementation of Syzygium cumini seed powder prevented obesity, glucose intolerance, hyperlipidemia and oxidative stress in high carbohydrate high fat diet induced obese rats. <b>2017</b> , 17, 289	43
801	T-cadherin deficiency increases vascular vulnerability in T2DM through impaired NO bioactivity. <b>2017</b> , 16, 12	3
800	Early Menarche and Gestational Diabetes Mellitus at First Live Birth. <b>2017</b> , 21, 593-598	12
799	Hypothalamus. <b>2017</b> , 1451-1461.e2	
798	Incretin treatment and atherosclerotic plaque stability: Role of adiponectin/APPL1 signaling pathway. <b>2017</b> , 31, 295-303	8
797	Protein kinases: mechanisms and downstream targets in inflammation-mediated obesity and insulin resistance. <b>2017</b> , 426, 27-45	89
796	Unravelling the adiponectin paradox: novel roles of adiponectin in the regulation of cardiovascular disease. <b>2017</b> , 174, 4007-4020	81
795	Low adiponectin levels at baseline and decreasing adiponectin levels over 10 years of follow-up predict risk of the metabolic syndrome. <b>2017</b> , 43, 134-139	26
794	Characteristics of hepatic insulin-sensitive nonalcoholic fatty liver disease. <b>2017</b> , 1, 634-647	14
793	Association between ADIPOQ gene polymorphisms and the risk of new-onset diabetes mellitus after liver transplantation. <b>2017</b> , 16, 602-609	6
792	Adipose tissue inflammation in obesity: a metabolic or immune response?. <b>2017</b> , 37, 35-40	109
791	Osmotin Protects H9c2 Cells from Simulated Ischemia-Reperfusion Injury through AdipoR1/PI3K/AKT Signaling Pathway. <b>2017</b> , 8, 611	27
790	The Obesity-Impulsivity Axis: Potential Metabolic Interventions in Chronic Psychiatric Patients. <b>2017</b> , 8, 20	8
789	Epigenetic Regulation of Adipokines. <b>2017</b> , 18,	3
788	Argan Oil as an Effective Nutri-Therapeutic Agent in Metabolic Syndrome: A Preclinical Study. <b>2017</b> , 18,	7

787	Effects of Low-Molecular-Weight Fucoidan and High Stability Fucoxanthin on Glucose Homeostasis, Lipid Metabolism, and Liver Function in a Mouse Model of Type II Diabetes. <b>2017</b> , 15,	61
786	Suppressive effect of <i>Sasa veitchii</i> extract on obesity induced by a high-fat diet through modulation of adipose differentiation in mice. <b>2017</b> , 4, 261-268	1
785	Metabolic Effect of an Oriental Herbal Medicine on Obesity and Its Comorbidities with Transcriptional Responses in Diet-Induced Obese Mice. <b>2017</b> , 18,	3
784	Adiponectin Regulates the Polarization and Function of Microglia via PPAR- $\delta$ Signaling Under Amyloid $\beta$ Toxicity. <b>2017</b> , 11, 64	32
783	Distribution of Adiponectin Receptors 1 and 2 in the Rat Olfactory Bulb and the Effect of Adiponectin Injection on Insulin Receptor Expression. <b>2017</b> , 2017, 4892609	4
782	Metabolic Factors and Adult Neurogenesis: Impacts of Chinese Herbal Medicine on Brain Repair in Neurological Diseases. <b>2017</b> , 135, 117-147	10
781	Beneficial effects of n-3 polyunsaturated fatty acids on adiponectin levels and AdipoR gene expression in patients with type 2 diabetes mellitus: a randomized, placebo-controlled, double-blind clinical trial. <b>2017</b> , 13, 716-724	16
780	Exercise Training Attenuates the Dysregulated Expression of Adipokines and Oxidative Stress in White Adipose Tissue. <b>2017</b> , 2017, 9410954	40
779	Sujiaonori-Derived Algal Biomaterials Inhibit Allergic Reaction in Allergen-Sensitized RBL-2H3 Cell Line and Improve Skin Health in Humans. <b>2017</b> , 8,	2
778	Relationship between Regional Body Fat Distribution and Diabetes Mellitus: 2008 to 2010 Korean National Health and Nutrition Examination Surveys. <b>2017</b> , 41, 51-59	24
777	Even- and odd-chain saturated fatty acids in serum phospholipids are differentially associated with adipokines. <b>2017</b> , 12, e0178192	19
776	Associations between serum adipocytokines and glycemic tolerance biomarkers in a rural Chinese population. <b>2017</b> , 12, e0182273	5
775	Adiponectin/resistin interplay in serum and in adipose tissue of obese and normal-weight individuals. <b>2017</b> , 9, 95	20
774	<i>Agrimonia pilosa</i> Ledeb. aqueous extract improves impaired glucose tolerance in high-fat diet-fed rats by decreasing the inflammatory response. <b>2017</b> , 17, 442	11
773	TRIENNIAL LACTATION SYMPOSIUM/BOLFA: Adipokines affect mammary growth and function in farm animals. <b>2017</b> , 95, 5689-5700	14
772	Existence of a Strong Correlation of Biomarkers and miRNA in Females with Metabolic Syndrome and Obesity in a Population of West Virginia. <b>2017</b> , 14, 543-553	19
771	<i>Nigella sativa</i> L. oil ameliorates insulin resistance caused by dexamethasone treatment in male Wistar rats. <b>2017</b> , 11, 144-151	1
770	Molecular mechanism underlying nutritional control of inflammatory responses. <b>2017</b> , 6, 227-231	

769	Fat Hormones, Adipokines. <b>2017</b> , 167-205	4
768	Associations of coffee consumption with circulating level of adiponectin and leptin. A meta-analysis of observational studies. <b>2018</b> , 69, 1003-1012	15
767	Adiponectin AS lncRNA inhibits adipogenesis by transferring from nucleus to cytoplasm and attenuating Adiponectin mRNA translation. <b>2018</b> , 1863, 420-432	43
766	Identification, characterization, and expression analysis of adiponectin receptors in black carp <i>Mylopharyngodon piceus</i> in response to dietary carbohydrate. <b>2018</b> , 44, 1127-1141	4
765	Personalized Cardio-Metabolic Responses to an Anti-Inflammatory Nutrition Intervention in Obese Adolescents: A Randomized Controlled Crossover Trial. <b>2018</b> , 62, e1701008	16
764	Adiponectin as a potential therapeutic target for the treatment of restenosis. <b>2018</b> , 101, 798-804	9
763	Adiponectin synthesis and secretion by subcutaneous adipose tissue is impaired during obesity by endoplasmic reticulum stress. <b>2018</b> , 119, 5970-5984	24
762	Differential metabolic effects of constant moderate versus high intensity interval training in high-fat fed mice: possible role of muscle adiponectin. <b>2018</b> , 6, e13599	23
761	High-molecular-weight adiponectin is inversely associated with sympathetic activity in polycystic ovary syndrome. <b>2018</b> , 109, 532-539	10
760	Association of Leptin: Adiponectin ratio and metabolic risk markers in postmenopausal women. <b>2018</b> , 196, 63-67	14
759	Loss of mitochondrial protease ClpP protects mice from diet-induced obesity and insulin resistance. <b>2018</b> , 19,	43
758	Insulin resistance in obesity: an overview of fundamental alterations. <b>2018</b> , 23, 149-157	113
757	Two new secondary metabolites from a fungus of the genus <i>Robillarda</i> . <b>2018</b> , 71, 432-437	5
756	Ethnic Variations in Adiponectin Levels and Its Association with Age, Gender, Body Composition and Diet: Differences Between Iranians, Indians and Europeans Living in Australia. <b>2018</b> , 20, 1362-1372	3
755	Adiponectin inhibits inflammatory cytokines production by Beclin-1 phosphorylation and B-cell lymphoma 2 mRNA destabilization: role for autophagy induction. <b>2018</b> , 175, 1066-1084	18
754	Differential microRNA expression profiles and bioinformatics analysis between young and aging spontaneously hypertensive rats. <b>2018</b> , 41, 1584-1594	5
753	Novel SIRT1 activator MHY2233 improves glucose tolerance and reduces hepatic lipid accumulation in db/db mice. <b>2018</b> , 28, 684-688	13
752	Cardiovascular Autonomic Dysfunction: Link Between Multiple Sclerosis Osteoporosis and Neurodegeneration. <b>2018</b> , 20, 37-53	8

751	Metabolic syndrome and its components among Korean submariners: a retrospective cross-sectional study. <b>2018</b> , 59, 614-621	6
750	Capsosiphon fulvescens extracts improve obesity-associated metabolic disorders and hepatic steatosis in high-fat diet-induced obese mice. <b>2018</b> , 89, 589-596	1
749	The role of AdipoR1 and AdipoR2 in liver fibrosis. <b>2018</b> , 1864, 700-708	11
748	Behind human milk and breastfeeding: not only food. <b>2018</b> , 69, 641-646	11
747	Do flavanols-rich natural products relieve obesity-related insulin resistance?. <b>2018</b> , 112, 157-167	16
746	Plasma adiponectin levels and type 2 diabetes risk: a nested case-control study in a Chinese population and an updated meta-analysis. <b>2018</b> , 8, 406	40
745	Immune System: An Emerging Player in Mediating Effects of Endocrine Disruptors on Metabolic Health. <b>2018</b> , 159, 32-45	64
744	Effect of early calf-hood nutrition on the transcriptomic profile of subcutaneous adipose tissue in Holstein-Friesian bulls. <b>2018</b> , 19, 281	5
743	Exposure to maternal cafeteria diets during the suckling period has greater effects on fat deposition and Sterol Regulatory Element Binding Protein-1c (SREBP-1c) gene expression in rodent offspring compared to exposure before birth. <b>2018</b> , 15, 17	9
742	Epidemiology and Risk Factors of Type 2 Diabetes. <b>2018</b> , 1-26	0
741	A Strategy for Discovery of Endocrine Interactions with Application to Whole-Body Metabolism. <b>2018</b> , 27, 1138-1155.e6	30
740	Tributyltin reduces the levels of serum adiponectin and activity of AKT and induces metabolic syndrome in male mice. <b>2018</b> , 33, 752-758	6
739	Methyl dehydroabietate counters high fat diet-induced insulin resistance and hepatic steatosis by modulating peroxisome proliferator-activated receptor signaling in mice. <b>2018</b> , 99, 214-219	5
738	Adiponectin protects against lung ischemia-reperfusion injury in rats with type 2 diabetes mellitus. <b>2018</b> , 17, 7191-7201	10
737	From feedback loop transitions to biomarkers in the psycho-immune-neuroendocrine network: Detecting the critical transition from health to major depression. <b>2018</b> , 90, 1-15	23
736	Effects of Selenium Supplementation on the Diabetic Condition Depend on the Baseline Selenium Status in KKAY Mice. <b>2018</b> , 181, 71-81	7
735	New insight into inter-organ crosstalk contributing to the pathogenesis of non-alcoholic fatty liver disease (NAFLD). <b>2018</b> , 9, 164-177	61
734	Effect of paricalcitol on pancreatic oxidative stress, inflammatory markers, and glycemic status in diabetic rats. <b>2018</b> , 187, 75-84	5

733	Circulating adiponectin increases in obese women after sleeve gastrectomy or gastric bypass driving beneficial metabolic changes but with no relationship with carotid intima-media thickness. <b>2018</b> , 37, 2102-2106	9
732	Molecular mechanism of obesity-induced 'metabolic' tissue remodeling. <b>2018</b> , 9, 256-261	19
731	Association between uncoupling protein 2, adiponectin and resting energy expenditure in obese women with normal and low resting energy expenditure. <b>2018</b> , 34, 166-170	13
730	Obesity as a Disease. <b>2018</b> , 102, 13-33	152
729	Effect of neonatal orally administered S-allyl cysteine in high-fructose diet fed Wistar rats. <b>2018</b> , 9, 160-171	6
728	Pioglitazone Inhibits Periprostatic White Adipose Tissue Inflammation in Obese Mice. <b>2018</b> , 11, 215-226	14
727	MiR-34a regulates mitochondrial content and fat ectopic deposition induced by resistin through the AMPK/PPAR $\alpha$ pathway in HepG2 cells. <b>2018</b> , 94, 133-145	29
726	Emerging Role of Adipocytokines in Type 2 Diabetes as Mediators of Insulin Resistance and Cardiovascular Disease. <b>2018</b> , 42, 446-456.e1	61
725	Does Visceral or Subcutaneous Fat Influence Peripheral Cortical Bone Strength During Adolescence? A Longitudinal Study. <b>2018</b> , 33, 580-588	12
724	Cbl downregulation increases RBP4 expression in adipocytes of female mice. <b>2018</b> , 236, 29-41	3
723	Adiponectin-leptin ratio: A promising index to estimate adipose tissue dysfunction. Relation with obesity-associated cardiometabolic risk. <b>2018</b> , 7, 57-62	128
722	Plasma Adropin as a Potential Marker Predicting Obesity and Obesity-associated Cancer in Korean Patients With Type 2 Diabetes Mellitus. <b>2018</b> , 23, 191-196	11
721	Preventive mechanism of bioactive dietary foods on obesity-related inflammation and diseases. <b>2018</b> , 9, 6081-6095	21
720	Introductory Chapter: Etiology and Pathogenesis of Hepatocellular Carcinoma. <b>2018</b> ,	1
719	ADIPOR1 is essential for vision and its RPE expression is lost in the Mfrp mouse. <b>2018</b> , 8, 14339	19
718	Links between HPA axis and adipokines: clinical implications in paradigms of stress-related disorders. <b>2018</b> , 13, 317-332	14
717	Systemic Inflammation Characterizes Lack of Metabolic Health in Nonobese HIV-Infected Men. <b>2018</b> , 2018, 5327361	3
716	Discriminatory performance of adiponectin and leptin in the identification of impaired glucose tolerance: The Guangzhou Biobank Cohort Study - Cardiovascular Disease Subcohort. <b>2018</b> , 13, e0206964	1

715	Adiponectin and Leptin at Early Pregnancy: Association to Actual Glucose Disposal and Risk for GDM-A Prospective Cohort Study. <b>2018</b> , 2018, 5463762	18
714	Genetic association of ADIPOQ gene variants (-3971A>G and +276G>T) with obesity and metabolic syndrome in North Indian Punjabi population. <b>2018</b> , 13, e0204502	10
713	Large uremic toxins: an unsolved problem in end-stage kidney disease. <b>2018</b> , 33, iii6-iii11	34
712	Association of Adiponectin 45T/G Polymorphism with Diabetic Cardiovascular Complications in Korean Type 2 Diabetes. <b>2018</b> , 33, e124	3
711	Multifunctional Actions of Ninjinyoeito, a Japanese Kampo Medicine: Accumulated Scientific Evidence Based on Experiments With Cells and Animal Models, and Clinical Studies. <b>2018</b> , 5, 93	14
710	Analysis of Candidate Idarubicin Drug Resistance Genes in MOLT-3 Cells Using Exome Nuclear DNA. <b>2018</b> , 9,	1
709	Nutritional Modulation of AMPK-Impact upon Metabolic-Inflammation. <b>2018</b> , 19,	56
708	Meta-Analysis of Adiponectin as a Biomarker for the Detection of Metabolic Syndrome. <b>2018</b> , 9, 1238	19
707	Weight loss is a critical factor to reduce inflammation. <b>2018</b> , 28, 21-35	47
706	Peri-conceptual nutritional restriction alters transcriptomic profile in the peri-implantation pig embryos. <b>2018</b> , 197, 305-316	8
705	High molecular weight adiponectin inhibits vascular calcification in renal allograft recipients. <b>2018</b> , 13, e0195066	3
704	Metabolic syndrome: an update on diagnostic criteria, pathogenesis, and genetic links. <b>2018</b> , 17, 299-313	78
703	Interplay of adipokines in the pathogenesis of essential hypertension: A comparative cross-sectional in GhanaPeer review under responsibility of Alexandria University Faculty of Medicine.View all notesAvailable online 31 July 2018View all notes. <b>2018</b> , 54, 469-474	1
702	Endothelial dysfunction and platelet hyperactivity in type 2 diabetes mellitus: molecular insights and therapeutic strategies. <b>2018</b> , 17, 121	187
701	Lipid profile of bovine blastocysts exposed to insulin during in vitro oocyte maturation. <b>2018</b> , 30, 1253-1266	4
700	Loss of ABHD15 Impairs the Anti-lipolytic Action of Insulin by Altering PDE3B Stability and Contributes to Insulin Resistance. <b>2018</b> , 23, 1948-1961	19
699	Effects of Phytosterol Supplementation on Serum Levels of Lipid Profiles, Liver Enzymes, Inflammatory Markers, Adiponectin, and Leptin in Patients Affected by Nonalcoholic Fatty Liver Disease: A Double-Blind, Placebo-Controlled, Randomized Clinical Trial. <b>2018</b> , 1-8	13
698	Adiponectin is related to markers of endothelial dysfunction and neoangiogenesis in diabetic patients. <b>2018</b> , 50, 1661-1666	6

- 697 Expression of adiponectin and leptin receptors in adrenal incidentaloma patients with subclinical hormone secretion. **2018**, 22, 325-332
- 696 Bioactive compounds from marine macroalgae and their hypoglycemic benefits. **2018**, 72, 1-12 115
- 695 rs9939609 Does Not Interact with Physical Exercise but Influences Basal Insulin Metabolism in Brazilian Overweight and Obese Adolescents. **2018**, 2018, 3134026 4
- 694 Secretory Malfunction. **2018**, 117-154
- 693 Geriatric Psychopharmacology: A Complex Case of Psychosis Complicated by Neuroleptic Malignant Syndrome (NMS) and Metabolic Syndrome (MetS). **2018**, 23-37
- 692 Adiponectin: A New Regulator of Female Reproductive System. **2018**, 2018, 7965071 30
- 691 Metabolomic and lipidomic analysis of the effect of pioglitazone on hepatic steatosis in a rat model of obese Type 2 diabetes. **2018**, 175, 3610-3625 16
- 690 Hepatocellular Carcinoma in Obesity: Finding a Needle in the Haystack?. **2018**, 1061, 63-77 4
- 689 Effect of Pitavastatin Compared with Atorvastatin and Rosuvastatin on New-Onset Diabetes Mellitus in Patients With Acute Myocardial Infarction. **2018**, 122, 922-928 14
- 688 Adiponectin Regulation and Function. **2018**, 8, 1031-1063 222
- 687 Effect of adiposity on tissue-specific adiponectin secretion. **2018**, 13, e0198889 19
- 686 Clinical Applications of Adiponectin Measurements in Type 2 Diabetes Mellitus: Screening, Diagnosis, and Marker of Diabetes Control. **2018**, 2018, 5187940 16
- 685 Functional Changes Induced by Orexin A and Adiponectin on the Sympathetic/Parasympathetic Balance. **2018**, 9, 259 7
- 684 Novel Trajectories of Bromocriptine Antidiabetic Action: Leptin-IL-6/ JAK2/p-STAT3/SOCS3, p-IR/p-AKT/GLUT4, PPAR- $\alpha$ /Adiponectin, Nrf2/PARP-1, and GLP-1. **2018**, 9, 771 15
- 683 Adiponectin gene variant RS rs266729: Relation to lipid profile changes and circulating adiponectin after bariatric surgery. **2018**, 14, 1402-1408 8
- 682 Antihyperglycemic activities of twig extract of indigenous cinnamon (*Cinnamomum osmophloeum*) on high-fat diet and streptozotocin-induced hyperglycemic rats. **2018**, 98, 5908-5915 8
- 681 Regulation of Metabolic Disease-Associated Inflammation by Nutrient Sensors. **2018**, 2018, 8261432 17
- 680 Adiponectin Reduces Bone Stiffness: Verified in a Three-Dimensional Artificial Human Bone Model. **2018**, 9, 236 4



679	Increase in Adiponectin Level Prevents the Development of Type 2 Diabetes in Japanese Men With Low Adiponectin Levels. <b>2018</b> , 2, 753-764	6
678	The effects of obesity on skeletal muscle contractile function. <b>2018</b> , 221,	63
677	The obesogen tributyltin induces features of polycystic ovary syndrome (PCOS): a review. <b>2018</b> , 21, 181-206	11
676	A collagen domain-derived short adiponectin peptide activates APPL1 and AMPK signaling pathways and improves glucose and fatty acid metabolisms. <b>2018</b> , 293, 13509-13523	19
675	High fat diet induced obesity is mitigated in Cyp3a-null female mice. <b>2018</b> , 289, 129-140	13
674	A low-protein diet exerts a beneficial effect on diabetic status and prevents diabetic nephropathy in Wistar fatty rats, an animal model of type 2 diabetes and obesity. <b>2018</b> , 15, 20	14
673	Role of hormonal and inflammatory alterations in obesity-related reproductive dysfunction at the level of the hypothalamic-pituitary-ovarian axis. <b>2018</b> , 16, 45	29
672	Serum adiponectin levels in patients with diffuse idiopathic skeletal hyperostosis (DISH). <b>2018</b> , 37, 2839-2845	7
671	Role of Adiponectin in Central Nervous System Disorders. <b>2018</b> , 2018, 4593530	62
670	Effects of maternal obesity on maternal and fetal plasma concentrations of adiponectin and expression of adiponectin and its receptor genes in cotyledonary and adipose tissues at mid- and late-gestation in sheep. <b>2018</b> , 197, 231-239	5
669	C1q/TNF-related protein-6 is associated with insulin resistance and the development of diabetes in Chinese population. <b>2018</b> , 55, 1221-1229	13
668	The Impact of Insulin Resistance and Chronic Kidney Disease on Inflammation and Cardiovascular Disease. <b>2018</b> , 11, 1179551418792257	21
667	Effects of dietary conjugated linoleic acid on growth performance, tissue adipocytokine levels and lipid metabolism of grass carp. <b>2018</b> , 24, 1752-1768	3
666	Leptin to adiponectin ratio - A surrogate biomarker for early detection of metabolic disturbances in obesity. <b>2018</b> , 28, 1114-1121	10
665	A prospective and longitudinal study of plasma phospholipid saturated fatty acid profile in relation to cardiometabolic biomarkers and the risk of gestational diabetes. <b>2018</b> , 107, 1017-1026	23
664	Impact of obesity on autoimmune arthritis and its cardiovascular complications. <b>2018</b> , 17, 821-835	32
663	Non-Alcoholic Fatty Liver Disease. <b>2018</b> , 540-560	
662	Science behind the cardio-metabolic benefits of omega-3 polyunsaturated fatty acids: biochemical effects vs. clinical outcomes. <b>2018</b> , 9, 3576-3596	38

661	Ratio of low molecular weight serum adiponectin to the total adiponectin value is associated with type 2 diabetes through its relation to increasing insulin resistance. <b>2018</b> , 13, e0192609	6
660	Discovery of a novel potent peptide agonist to adiponectin receptor 1. <b>2018</b> , 13, e0199256	16
659	An extensive review regarding the adipokines in the pathogenesis and progression of osteoarthritis. <b>2019</b> , 113, 1-12	31
658	Presence of a Synergistic Interaction Between Current Cigarette Smoking and Diabetes Mellitus on Development of Dementia in Older Adults. <b>2019</b> , 71, 833-840	2
657	Assessing and Managing the Metabolic Syndrome in Children and Adolescents. <b>2019</b> , 11,	46
656	Elucidation of the Metabolic and Transcriptional Responses of an Oriental Herbal Medicine, Bangpungtongseong-san, to Nonalcoholic Fatty Liver Disease in Diet-Induced Obese Mice. <b>2019</b> , 22, 928-936	3
655	The Effects of Adipocytes on the Regulation of Breast Cancer in the Tumor Microenvironment: An Update. <b>2019</b> , 8,	48
654	The association between serum adiponectin and 3-month outcome after ischemic stroke. <b>2019</b> , 18, 105	13
653	Regulatory roles of adiponectin receptor 1 and 2 in sheep preadipocytes during adipocyte differentiation. <b>2019</b> , 18, 704-712	3
652	The role of adiponectin in cholesterol efflux and HDL biogenesis and metabolism. <b>2019</b> , 100, 153953	23
651	The role of mitochondrial oxidative stress in the metabolic alterations in diet-induced obesity in rats. <b>2019</b> , 33, 12060-12072	19
650	Comprehensive lifestyle intervention soy protein-based meal regimen in non-alcoholic steatohepatitis. <b>2019</b> , 25, 1116-1131	11
649	The association of adiponectin with metabolic syndrome and clinical outcome in patients with non-diabetic chronic kidney disease. <b>2019</b> , 14, e0220158	17
648	Effects of air temperature before harvest on the concentration of human adiponectin in transgenic strawberry fruits. <b>2019</b> , 36, 21-27	1
647	The impact of keto-adaptation on exercise performance and the role of metabolic-regulating cytokines. <b>2019</b> , 110, 562-573	18
646	Interleukin-37 sensitize the elderly type 2 diabetic patients to insulin therapy through suppressing the gut microbiota dysbiosis. <b>2019</b> , 112, 322-329	11
645	Obesity in the Pathophysiology of Diabetes. <b>2019</b> , 185-213	
644	The association between metabolic syndrome components and the development of atherosclerosis. <b>2019</b> , 33, 844-855	25

643	Postprandial leptin and adiponectin in response to sugar and fat in obese and normal weight individuals. <b>2019</b> , 66, 517-525	5
642	AMPK $\beta$ mediates the protective effect of adiponectin against insulin resistance in INS-1 pancreatic $\beta$ cells. <b>2019</b> , 37, 625-632	7
641	The Association between Body Composition using Dual energy X-ray Absorptiometry and Type-2 Diabetes: A Systematic Review and Meta-Analysis of Observational studies. <b>2019</b> , 9, 12634	15
640	Increase of the Adiponectin/Leptin Ratio in Patients with Obesity and Type 2 Diabetes after Roux-en-Y Gastric Bypass. <b>2019</b> , 11,	14
639	Insulin and adipokine signaling and their cross-regulation in postmortem human brain. <b>2019</b> , 84, 119-130	4
638	Fibroblast growth factor 21 is required for the therapeutic effects of <i>Lactobacillus rhamnosus</i> GG against fructose-induced fatty liver in mice. <b>2019</b> , 29, 145-157	14
637	Factors affecting obesity and its treatment. <b>2019</b> , 16, 100140	7
636	Adiponectin Expression and Genotypes in Italian People with Severe Obesity Undergone a Hypocaloric Diet and Physical Exercise Program. <b>2019</b> , 11,	16
635	Potential Roles of Adiponectin Isoforms in Human Obesity with Delayed Wound Healing. <b>2019</b> , 8,	7
634	Adipocytes and microRNAs Crosstalk: A Key Tile in the Mosaic of Breast Cancer Microenvironment. <b>2019</b> , 11,	14
633	Cytokines and Abnormal Glucose and Lipid Metabolism. <b>2019</b> , 10, 703	56
632	Circulating adiponectin concentrations during the transition from pregnancy to lactation in high-yielding dairy cows: testing the effects of farm, parity, and dietary energy level in large animal numbers. <b>2019</b> , 69, 1-12	4
631	Metabolic adaptation and maladaptation in adipose tissue. <b>2019</b> , 1, 189-200	100
630	Sustained Intermittent Hypoxemia Induces Adiponectin Oligomers Redistribution and a Tissue-Specific Modulation of Adiponectin Receptor in Mice. <b>2019</b> , 10, 68	4
629	Telmisartan attenuates diabetic nephropathy progression by inhibiting the dimerization of angiotensin type-1 receptor and adiponectin receptor-1. <b>2019</b> , 221, 109-120	5
628	Adiponectin-Secretion-Promoting Phenylethylchromones from the Agarwood of <i>Aquilaria malaccensis</i> . <b>2019</b> , 82, 259-264	12
627	Complement c1q tumor necrosis factor-related protein 3 a novel adipokine, protect against diabetes mellitus in young adult Egyptians. <b>2019</b> , 13, 434-438	6
626	Platelet Serotonin Levels Are Associated with Plasma Soluble Leptin Receptor Concentrations in Normoglycemic Women. <b>2019</b> , 2019, 2714049	1

625	Adiponectin, Obesity, and Cancer: Clash of the Bigwigs in Health and Disease. <b>2019</b> , 20,	74
624	Role of adiponectin in ovarian follicular development and ovarian reserve. <b>2019</b> , 1, 1-5	3
623	Low-protein diet enhances adiponectin secretion in rats. <b>2019</b> , 83, 1774-1781	2
622	Mitochondrial Dysfunction in Adipocytes as a Primary Cause of Adipose Tissue Inflammation. <b>2019</b> , 43, 247-256	43
621	Effect of adiponectin secreted from adipose-derived stem cells on bone-fat balance and bone defect healing. <b>2019</b> , 13, 2055-2066	12
620	The potential of adipokines as biomarkers and therapeutic agents for vascular complications in type 2 diabetes mellitus. <b>2019</b> , 48, 32-39	30
619	Changes in Visceral and Subcutaneous Fat in Youth With Type 2 Diabetes in the TODAY Study. <b>2019</b> , 42, 1549-1559	5
618	Increasing Adiponeuric System Activity as a Potential Treatment for Depressive Disorders. <b>2019</b> , 56, 7966-7976	7
617	Anthocyanins ameliorate palmitate-induced inflammation and insulin resistance in 3T3-L1 adipocytes. <b>2019</b> , 33, 1888-1897	19
616	Ktedonoketone and 2'-oxosattabacin, benzenoid metabolites from a thermophilic bacterium <i>Thermosporothrix hazakensis</i> in the phylum Chloroflexi. <b>2019</b> , 72, 653-660	6
615	Correlation Between Adiponectin Gene rs1501299 Polymorphism and Nonalcoholic Fatty Liver Disease Susceptibility: A Systematic Review and Meta-Analysis. <b>2019</b> , 25, 1078-1086	10
614	The Emerging Role of Adiponectin in Female Malignancies. <b>2019</b> , 20,	28
613	Serum concentration and vascular expression of adiponectin are differentially associated with the diabetic calcifying peripheral arteriopathy. <b>2019</b> , 11, 32	6
612	Effects of Cariprazine, Aripiprazole, and Olanzapine on Mouse Fibroblast Culture: Changes in Adiponectin Contents in Supernatants, Triglyceride Accumulation, and Peroxisome Proliferator-Activated Receptor- $\alpha$ Expression. <b>2019</b> , 55,	4
611	Interactions among moderate/severe periodontitis, ADIPOQ-rs1501299, and LEPR-rs1137100 polymorphisms on the risk of type 2 diabetes in a Chinese population. <b>2019</b> , 103, 26-32	6
610	Biochanin A prevents 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced adipocyte dysfunction in cultured 3T3-L1 cells. <b>2019</b> , 54, 865-873	3
609	The cholecystokinin receptor agonist, CCK-8, induces adiponectin production in rat white adipose tissue. <b>2019</b> , 176, 2678-2690	7
608	Resveratrol Treatment Ameliorates Leptin Resistance and Adiposity Programed by the Combined Effect of Maternal and Post-Weaning High-Fat Diet. <b>2019</b> , 63, e1801385	12

607	Kojyl Cinnamate Ester Derivatives Increase Adiponectin Expression and Stimulate Adiponectin-Induced Hair Growth Factors in Human Dermal Papilla Cells. <b>2019</b> , 20,	5
606	Diabetogenic Action of Statins: Mechanisms. <b>2019</b> , 21, 23	15
605	Adipocyte alterations in endometriosis: reduced numbers of stem cells and microRNA induced alterations in adipocyte metabolic gene expression. <b>2019</b> , 17, 36	19
604	Deficiency of mitophagy receptor FUNDC1 impairs mitochondrial quality and aggravates dietary-induced obesity and metabolic syndrome. <b>2019</b> , 15, 1882-1898	61
603	Peptides and Peptidomimetics as Potential Antiobesity Agents: Overview of Current Status. <b>2019</b> , 6, 11	27
602	Association between ADIPOQ G276T and C11377G polymorphisms and the risk of non-alcoholic fatty liver disease: An updated meta-analysis. <b>2019</b> , 7, e624	8
601	Adiponectin-leptin Ratio is a Functional Biomarker of Adipose Tissue Inflammation. <b>2019</b> , 11,	60
600	Pathobiological mechanisms underlying metabolic syndrome (MetS) in chronic obstructive pulmonary disease (COPD): clinical significance and therapeutic strategies. <b>2019</b> , 198, 160-188	39
599	Targeting senescent cells alleviates obesity-induced metabolic dysfunction. <b>2019</b> , 18, e12950	218
598	Mechanisms of Adiponectin Action in Fertility: An Overview from Gametogenesis to Gestation in Humans and Animal Models in Normal and Pathological Conditions. <b>2019</b> , 20,	41
597	Sirtuins and Type 2 Diabetes: Role in Inflammation, Oxidative Stress, and Mitochondrial Function. <b>2019</b> , 10, 187	92
596	Reference values for leptin/adiponectin ratio in healthy children and adolescents. <b>2019</b> , 493, 123-128	11
595	Metabolic Messengers: Adiponectin. <b>2019</b> , 1, 334-339	70
594	Dietary ßConglycinin Modulates Insulin Sensitivity, Body Fat Mass, and Lipid Metabolism in Obese Otsuka Long-Evans Tokushima Fatty (OLETF) Rats. <b>2019</b> , 68, 339-350	7
593	Effects of rilpivirine, 17ßestradiol and ßaphthoflavone on the inflammatory status of release of adipocytokines in 3T3-L1 adipocytes in vitro. <b>2019</b> , 46, 2643-2655	3
592	Constant-Moderate and High-Intensity Interval Training Have Differential Benefits on Insulin Sensitive Tissues in High-Fat Fed Mice. <b>2019</b> , 10, 459	14
591	Sphingosine kinase 1-interacting protein is a dual regulator of insulin and incretin secretion. <b>2019</b> , 33, 6239-6253	5
590	ECEIM consensus statement on equine metabolic syndrome. <b>2019</b> , 33, 335-349	81

589	Antarctic Krill ( <i>Euphausia superba</i> ) Oil: A Comprehensive Review of Chemical Composition, Extraction Technologies, Health Benefits, and Current Applications. <b>2019</b> , 18, 514-534	57
588	Altered adipose tissue and adipocyte function in the pathogenesis of metabolic syndrome. <i>Journal of Clinical Investigation</i> , <b>2019</b> , 129, 3990-4000	15.9 169
587	Higher circulating adiponectin and lower orosomucoid were associated with postload glucose $\geq 200$ mg/dL, a possible inverse marker for dysglycemia, in young Japanese women. <b>2019</b> , 7, e000596	4
586	Foxo in T Cells Regulates Thermogenic Program through Ccr4/Ccl22 Axis. <b>2019</b> , 22, 81-96	2
585	Effects of Highly Absorbable Curcumin in Patients with Impaired Glucose Tolerance and Non-Insulin-Dependent Diabetes Mellitus. <b>2019</b> , 2019, 8208237	17
584	Sphingolipids in Obesity and Correlated Co-Morbidities: The Contribution of Gender, Age and Environment. <b>2019</b> , 20,	14
583	Intensive Statin Therapy Compromises the Adiponectin-AdipoR Pathway in the Human Monocyte-Macrophage Lineage. <b>2019</b> , 50, 3609-3617	7
582	Adiponectin Knockout Mice Display Cognitive and Synaptic Deficits. <b>2019</b> , 10, 819	17
581	Association between circulating neuregulin4 levels and diabetes mellitus: A meta-analysis of observational studies. <b>2019</b> , 14, e0225705	2
580	Metabolic Syndrome and Skin Diseases. <b>2019</b> , 10, 788	24
579	Adiponectin Receptor gene Polymorphisms are Associated with Kidney Function in Elderly Japanese Populations. <b>2019</b> , 26, 328-339	1
578	6-Gingerol Improves Ectopic Lipid Accumulation, Mitochondrial Dysfunction, and Insulin Resistance in Skeletal Muscle of Ageing Rats: Dual Stimulation of the AMPK/PGC-1 $\beta$ Signaling Pathway via Plasma Adiponectin and Muscular AdipoR1. <b>2019</b> , 63, e1800649	12
577	Association between adiponectin T94G polymorphism and resistant hypertension in young-onset Taiwanese patients. <b>2019</b> , 689, 161-165	0
576	<i>Morus alba</i> L. Diminishes visceral adiposity, insulin resistance, behavioral alterations via regulation of gene expression of leptin, resistin and adiponectin in rats fed a high-cholesterol diet. <b>2019</b> , 201, 1-11	12
575	Mapping the molecular signatures of diet-induced NASH and its regulation by the hepatokine Tsukushi. <b>2019</b> , 20, 128-137	41
574	AdipoRs- a potential therapeutic target for fibrotic disorders. <b>2019</b> , 23, 93-106	3
573	Metabolic Consequences of Concomitant <i>Strongyloides stercoralis</i> Infection in Patients With Type 2 Diabetes Mellitus. <b>2019</b> , 69, 697-704	19
572	Adipose Tissue and Peritoneal Dialysis. <b>2019</b> , 165-175	

571	Diabetes and antidiabetic drugs. <b>2019</b> , 66, 3-12	12
570	Role of the variant in adiponectin gene rs266729 on weight loss and cardiovascular risk factors after a hypocaloric diet with the Mediterranean pattern. <b>2019</b> , 60, 1-5	7
569	Development of in vitro three-dimensional co-culture system for metabolic syndrome therapeutic agents. <b>2019</b> , 21, 1146-1157	9
568	Metabolic factors and the risk of colorectal cancer by KRAS and BRAF mutation status. <b>2019</b> , 145, 327-337	10
567	Histone Deacetylase HDAC8 and Insulin Resistance. <b>2019</b> , 405-421	
566	Differential Phenotypes in Perivascular Adipose Tissue Surrounding the Internal Thoracic Artery and Diseased Coronary Artery. <b>2019</b> , 8, e011147	24
565	Administration of rCTRP9 Attenuates Neuronal Apoptosis Through AdipoR1/PI3K/Akt Signaling Pathway after ICH in Mice. <b>2019</b> , 28, 756-766	13
564	Association between rosacea severity and relative muscle mass: A cross-sectional study. <b>2019</b> , 46, 11-17	3
563	Adiponectin homolog novel osmotin protects obesity/diabetes-induced NAFLD by upregulating AdipoRs/PPAR $\beta$ signaling in ob/ob and db/db transgenic mouse models. <b>2019</b> , 90, 31-43	36
562	Non-traditional biomarkers and incident diabetes in the Diabetes Prevention Program: comparative effects of lifestyle and metformin interventions. <b>2019</b> , 62, 58-69	16
561	Independent links between plasma xanthine oxidoreductase activity and levels of adipokines. <b>2019</b> , 10, 1059-1067	19
560	Simulated microgravity led to increased brown adipose tissue activity in rats. <b>2019</b> , 160, 538-551	2
559	Taurine is Involved in Energy Metabolism in Muscles, Adipose Tissue, and the Liver. <b>2019</b> , 63, e1800536	48
558	An adiponectin receptor agonist antibody stimulates glucose uptake and fatty-acid oxidation by activating AMP-activated protein kinase. <b>2020</b> , 126, 154863	2
557	Hidradenitis suppurativa: Epidemiology, clinical presentation, and pathogenesis. <b>2020</b> , 82, 1045-1058	63
556	Endocrine and reproductive parameters in sick and healthy primiparous and multiparous dairy cows. <b>2020</b> , 141, 173-179	1
555	Organokines in disease. <b>2020</b> , 94, 261-321	12
554	Effects of Coenzyme Q10 Supplementation on Serum Adiponectin Levels: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <b>2020</b> , 15, 3-11	1

553	Transplanted fat adapts to the environment of the recipient: An animal study using a murine model to investigate the suitability of recipient obesity mismatch in face transplantation. <b>2020</b> , 73, 176-183	2
552	Protective role of adiponectin against testicular impairment in high-fat diet/streptozotocin-induced type 2 diabetic mice. <b>2020</b> , 168, 41-52	15
551	Skeletal muscle adiponectin induction in obesity and exercise. <b>2020</b> , 102, 154008	34
550	Remodeling adipose tissue inflammasome for type 2 diabetes mellitus treatment: Current perspective and translational strategies. <b>2020</b> , 5, e10150	7
549	Obstructive sleep apnea and CPAP therapy alter distinct transcriptional programs in subcutaneous fat tissue. <b>2020</b> , 43,	7
548	Modulation of adiponectin receptors AdipoR1 and AdipoR2 by phage display-derived peptides in and models. <b>2020</b> , 28, 831-851	1
547	Novel linked butanolide dimer compounds increase adiponectin production during adipogenesis in human mesenchymal stem cells through peroxisome proliferator-activated receptor $\beta$ modulation. <b>2020</b> , 187, 111969	2
546	Adiponectin Gene Variant rs266729 Interacts with Different Macronutrient Distribution of Two Different Hypocaloric Diets. <b>2020</b> , 13, 20-27	5
545	Adiponectin and leptin in the diagnosis and therapy of NAFLD. <b>2020</b> , 103, 154028	31
544	Taiwanese green propolis ethanol extract promotes adipocyte differentiation and alleviates TNF- $\alpha$ -mediated downregulation of adiponectin expression. <b>2020</b> , 73, 104135	2
543	Association of plasma adiponectin with pulmonary hypertension, mortality and heart failure in African Americans: Jackson Heart Study. <b>2020</b> , 10, 2045894020961242	
542	Anthocyanins increase serum adiponectin in newly diagnosed diabetes but not in prediabetes: a randomized controlled trial. <b>2020</b> , 17, 78	5
541	Total synthesis and absolute configuration determination of Ktedonoketone, a benzenoid metabolite from Thermophilic bacterium. <b>2020</b> , 61, 152526	2
540	Chronic hypoxaemia and gender status modulate adiponectin plasmatic level and its multimer proportion in severe COPD patients: new endotypic presentation?. <b>2020</b> , 20, 255	
539	Fish oil and chicoric acid combination protects better against palmitate-induced lipid accumulation via regulating AMPK-mediated SREBP-1/FAS and PPAR $\alpha$ /JUCP2 pathways. <b>2020</b> , 1-9	5
538	Obesity and cardiovascular risk among Sri Lankan adolescents: Association of adipokines with anthropometric indices of obesity and lipid profile. <b>2020</b> , 78, 110942	0
537	Elevated adiponectin predicts the development of rheumatoid arthritis in subjects with obesity. <b>2020</b> , 49, 452-460	10
536	Denning in brown bears. <b>2020</b> , 10, 6844-6862	7



535	Effects of green tea supplementation on serum concentrations of adiponectin in patients with type 2 diabetes mellitus: a systematic review and meta-analysis. <b>2020</b> , 1-8	6
534	Sirt3 regulates adipogenesis and adipokine secretion via its enzymatic activity. <b>2020</b> , 8, e00670	1
533	The correlation between carbamazepine and valproic acid monotherapy with serum adiponectin and carnitine. <b>2021</b> , 121, 1823-1830	2
532	Emerging Roles of SIRT1 in Alcoholic Liver Disease. <b>2020</b> , 16, 3174-3183	5
531	CTRP12 inhibits triglyceride synthesis and export in hepatocytes by suppressing HNF-4 $\alpha$ and DGAT2 expression. <b>2020</b> , 594, 3227-3239	4
530	Do adipokines levels influence facial attractiveness of young women?. <b>2020</b> , 173, 250-257	0
529	Patient and haemodynamic factors affecting intraoperative graft flow during coronary artery bypass grafting: an observational pilot study. <b>2020</b> , 10, 12968	2
528	Characterization and anti-hyper-lipidemic effect of micro encapsulated phytosterol enriched cheddar cheese. <b>2020</b> , 134, 110114	5
527	Effect of two different dietary fatty acid profiles and variant rs266729 in ADIPOQ on weight loss and adiponectin concentrations. <b>2020</b> , 67, 374-382	
526	Capsaicin suppresses liver fat accumulation in high-fat diet-induced NAFLD mice. <b>2020</b> , 24, 214-219	8
525	Confirmation and Identification of Biomarkers Implicating Environmental Triggers in the Pathogenesis of Type 1 Diabetes. <b>2020</b> , 11, 1922	2
524	Nano Chromium Picolinate Improves Gene Expression Associated with Insulin Signaling in Porcine Skeletal Muscle and Adipose Tissue. <b>2020</b> , 10,	1
523	Obese Adipose Tissue Secretion Induces Inflammation in Preadipocytes: Role of Toll-Like Receptor-4. <b>2020</b> , 12,	3
522	Serum ZAG and Adiponectin Levels Were Closely Related to Obesity and the Metabolically Abnormal Phenotype in Chinese Population. <b>2020</b> , 13, 3099-3112	4
521	Anti-Inflammatory and Cytotoxicity Effects of Fruits Vinegar in a Co-Culture System with RAW264.7 Macrophages and 3T3-L1 Adipocytes. <b>2020</b> , 9,	8
520	Adiponectin Interacts With Cementoblasts Influencing Cell Migration, Proliferation and Cementogenesis Partly Through the MAPK Signaling Pathway. <b>2020</b> , 11, 585346	5
519	Protective Role of St. John's Wort and Its Components Hyperforin and Hypericin against Diabetes through Inhibition of Inflammatory Signaling: Evidence from In Vitro and In Vivo Studies. <b>2020</b> , 21,	9
518	Noncardiac comorbidity clustering in heart failure: an overlooked aspect with potential therapeutic door. <b>2020</b> , 1	2

517	The PDK1-FoxO1 signaling in adipocytes controls systemic insulin sensitivity through the 5-lipoxygenase-leukotriene B axis. <b>2020</b> , 117, 11674-11684	4
516	Nicotinamide Mononucleotide: A Promising Molecule for Therapy of Diverse Diseases by Targeting NAD <sup>+</sup> Metabolism. <b>2020</b> , 8, 246	31
515	The Important Role of Adiponectin and Orexin-A, Two Key Proteins Improving Healthy Status: Focus on Physical Activity. <b>2020</b> , 11, 356	9
514	The association of maternal obesity and race with serum adipokines in pregnancy and postpartum: Implications for gestational weight gain and infant birth weight. <b>2020</b> , 3, 100053	2
513	Lower Levels of Adiponectin and Its Receptor AdipoR1 in the Uveal Melanomas With Monosomy-3. <b>2020</b> , 61, 12	4
512	A novel Adiponectin receptor (AdipoR) involved in regulating cytokines production and apoptosis of haemocytes in oyster <i>Crassostrea gigas</i> . <b>2020</b> , 110, 103727	2
511	Prospective Associations of Serum Adiponectin, Leptin, and Leptin-Adiponectin Ratio with Incidence of Metabolic Syndrome: The Korean Genome and Epidemiology Study. <b>2020</b> , 17,	9
510	Anti-Inflammatory Strategies Targeting Metaflammation in Type 2 Diabetes. <b>2020</b> , 25,	21
509	Inflammation, diet, and type 2 diabetes: a mini-review. <b>2020</b> , 41, 768-777	4
508	Antihyperglycemic properties of hydroxychloroquine in patients with diabetes: Risks and benefits at the time of COVID-19 pandemic. <b>2020</b> , 12, 659-667	19
507	Effects of glucose, insulin, glucagon, LPS and poly (I:C) on adiponectin receptors expression in grass carp ( <i>Ctenophcyngodon idellus</i> ). <b>2020</b> , 528, 735501	2
506	Contentious role of 'Good Adiponectin' in pulmonary and cardiovascular diseases: Is adiponectin directed therapy a boon or a bane?. <b>2020</b> , 175, 106-119	
505	Short-term caloric restriction induced bone loss in both axial and appendicular bones by increasing adiponectin. <b>2020</b> , 1474, 47-60	2
504	Associations of adiponectin and leptin with brain natriuretic peptide in African Americans: the Jackson Heart Study. <b>2020</b> , 9, 49-55	0
503	Associations of short sleep duration with appetite-regulating hormones and adipokines: A systematic review and meta-analysis. <b>2020</b> , 21, e13051	23
502	The lactase persistence allele $\delta$ 2018 G/A associated with body mass index in an Asian population. <b>2020</b> , 19, 100621	1
501	Skeletal Muscle Gene Expression in Long-Term Endurance and Resistance Trained Elderly. <b>2020</b> , 21,	11
500	Effect of waterpipe tobacco smoke exposure on the development of metabolic syndrome in adult male rats. <b>2020</b> , 15, e0234516	4

499	Incidence of severe hypoglycemia and its association with serum adiponectin in Japanese patients with type 1 and insulin-treated type 2 diabetes: The Fukuoka Diabetes Registry. <b>2020</b> , 11, 1258-1264	1
498	Characteristics associated with elevated 1-h plasma glucose levels during a 75-g oral glucose tolerance test in non-obese Japanese men. <b>2020</b> , 11, 1520-1523	1
497	Serum C1q/TNF-Related Protein-2 (CTRP2) Levels are Associated with Coronary Artery Disease. <b>2020</b> , 51, 167-172	3
496	Adiponectin Paradox in Alzheimer's Disease; Relevance to Amyloidogenic Evolvability?. <b>2020</b> , 11, 108	17
495	A mathematical model of adiponectin resistance. <b>2020</b> , 494, 110246	2
494	Upregulation of miR-133a by adiponectin inhibits pyroptosis pathway and rescues acute aortic dissection. <b>2020</b> , 52, 988-997	3
493	IL-6/STAT3 and adipokine modulation using tocilizumab in rats with fructose-induced metabolic syndrome. <b>2020</b> , 393, 2279-2292	2
492	The impact of high-intensity interval training on inflammatory markers in metabolic disorders: A meta-analysis. <b>2020</b> , 30, 2020-2036	14
491	Exposure to Low Doses of Dieldrin Plus Promotes Adipose Tissue Dysfunction and Glucose Intolerance in Male Mice. <b>2020</b> , 161,	2
490	Adiponectin and related C1q/TNF-related proteins bind selectively to anionic phospholipids and sphingolipids. <b>2020</b> , 117, 17381-17388	14
489	Endothelin-1 in the pathophysiology of obesity and insulin resistance. <b>2020</b> , 21, e13086	5
488	Serum leptin, resistin, and adiponectin levels in obese and non-obese patients with newly diagnosed type 2 diabetes mellitus: A population-based study. <b>2020</b> , 99, e19052	34
487	Altered adipocytokine profile predicts early stage of left ventricular remodeling in hypertensive patients with type 2 diabetes mellitus. <b>2020</b> , 14, 109-116	5
486	Review: Importance of colostrum supply and milk feeding intensity on gastrointestinal and systemic development in calves. <b>2020</b> , 14, s133-s143	22
485	Increased visceral adipose tissue in male patients with non-clear cell renal cell carcinoma. <b>2020</b> , 125, 538-543	12
484	Adipose Tissue-Derived Stem Cell Sheet Improves Glucose Metabolism in Obese Mice. <b>2020</b> , 29, 488-497	5
483	Interleukin-38 increases the insulin sensitivity in children with the type 2 diabetes. <b>2020</b> , 82, 106264	7
482	Cyclin-Dependent Kinase 5 Inhibitor Butyrolactone I Elicits a Partial Agonist Activity of Peroxisome Proliferator-Activated Receptor $\beta$ . <b>2020</b> , 10,	9

481	Circulating CTRP9 correlates with the prevention of aortic calcification in renal allograft recipients. <b>2020</b> , 15, e0226526	3
480	Immunological and oxidative stress biomarkers in Ankylosing Spondylitis patients with or without metabolic syndrome. <b>2020</b> , 128, 155002	12
479	GRK2 levels in myeloid cells modulate adipose-liver crosstalk in high fat diet-induced obesity. <b>2020</b> , 77, 4957-4976	4
478	The protective effect of recombinant globular adiponectin on testis by modulating autophagy, endoplasmic reticulum stress and oxidative stress in streptozotocin-induced diabetic mice. <b>2020</b> , 879, 173132	5
477	Regulation of adiponectin on lipid metabolism in large yellow croaker ( <i>Larimichthys crocea</i> ). <b>2020</b> , 1865, 158711	8
476	High serum adiponectin as a biomarker of renal dysfunction: Results from the KNOW-CKD study. <b>2020</b> , 10, 5598	12
475	Adiponectin and Its Mimics on Skeletal Muscle: Insulin Sensitizers, Fat Burners, Exercise Mimickers, Muscling Pills <b>Or</b> Everything Together?. <b>2020</b> , 21,	16
474	Treatment of insulin resistance in obesity-associated type 2 diabetes mellitus through adiponectin gene therapy. <b>2020</b> , 583, 119357	16
473	Regular Mindful Yoga Practice as a Method to Improve Androgen Levels in Women With Polycystic Ovary Syndrome: A Randomized, Controlled Trial. <b>2020</b> ,	6
472	Obesity preventive function of novel edible mushroom, ( <i>Echigoshirayukidake</i> ): Manipulations of insulin resistance and lipid metabolism. <b>2020</b> , 10, 245-251	6
471	Effects of Weight Loss and Weight Regain on Circulating Biomarkers in Overweight/Obese Breast Cancer Survivors Enrolled in a Weight Loss Trial in the Rural Midwest. <b>2020</b> , 29, 1321-1328	5
470	Heat shock protein 60 (HSP60) modulates adiponectin signaling by stabilizing adiponectin receptor. <b>2020</b> , 18, 60	2
469	PEPITEM/Cadherin 15 Axis Inhibits T Lymphocyte Infiltration and Glomerulonephritis in a Mouse Model of Systemic Lupus Erythematosus. <b>2020</b> , 204, 2043-2052	0
468	Aurantio-obtusin improves obesity and insulin resistance induced by high-fat diet in obese mice. <b>2021</b> , 35, 346-360	2
467	Role of ceramides in the pathogenesis of diabetes mellitus and its complications. <b>2021</b> , 35, 107734	18
466	Adipocyte hypertrophy parallels alterations of mitochondrial status in a cell model for adipose tissue dysfunction in obesity. <b>2021</b> , 265, 118812	5
465	The adiponectin agonist, AdipoRon, inhibits steroidogenesis and cell proliferation in human luteinized granulosa cells. <b>2021</b> , 520, 111080	7
464	Crosstalk between adipocytes and M2 macrophages compensates for osteopenic phenotype in the -deficient mice. <b>2021</b> , 246, 572-583	1

- 463 Plasma adipokines and glycaemic progression among African Americans: Findings from the Jackson Heart Study. **2021**, 38, e14465
- 462 Oxidative stress and Liver X Receptor agonist induce hepatocellular carcinoma in Non-alcoholic steatohepatitis model. **2021**, 36, 800-810 5
- 461 Health-Promoting Functions of the Marine Carotenoid Fucoxanthin. **2021**, 1261, 273-284 0
- 460 Coffee and type 2 diabetes risk: Is the association mediated by adiponectin, leptin, c-reactive protein or Interleukin-6? A systematic review and meta-analysis. **2021**, 75, e13983 2
- 459 Differences in determinants affecting longitudinal change of brachial-ankle pulse wave velocity due to differences in baseline among Japanese male workers. **2021**, 33, 676-682 0
- 458 DsbA-L protects against diabetic renal injury through the adipo-renal axis.
- 457 Adiponectin gene variant rs266729 interacts with different macronutrient distributions of two different hypocaloric diets during nine months. **2021**, 38, 274-280 2
- 456 Crustacea (Carotenoids Namely Astaxanthins) Against Cancer. **2021**, 145-178
- 455 Cellular Basis of Insulin Resistance: A Tale of the Microvasculature. **2021**, 315-331
- 454 Pancreatic steatosis in adult rats induced by nicotine exposure during breastfeeding. **2021**, 72, 104-115 1
- 453 Adipokines Play Important Role in Cell Proliferation and Anti-proliferation. **2021**, 49-79
- 452 Cardiac Adipose Tissue Contributes to Cardiac Repair: a Review. **2021**, 17, 1137-1153 3
- 451 PEG-BHD1028 Peptide Regulates Insulin Resistance and Fatty Acid Oxidation, and Mitochondrial Biogenesis by Binding to Two Heterogeneous Binding Sites of Adiponectin Receptors, AdipoR1 and AdipoR2. **2021**, 22, 0
- 450 Endotoxemia by Alters Endocrine Functions in Brown Adipose Tissue. **2020**, 10, 580577 4
- 449 Adipose Insulin Resistance and Decreased Adiponectin Are Correlated With Metabolic Abnormalities in Nonobese Men. **2021**, 106, e2228-e2238 1
- 448 Association of CDH13 Gene Polymorphism and Metabolic Syndrome in Gambian Population. **2021**, 75, 262-268
- 447 Hyperandrogenism, Insulin Resistance, and Acanthosis Nigricans (HAIR-AN) Syndrome Reflects Adipose Tissue Dysfunction ("Adiposopathy" or "Sick Fat") in Asian Indian Girls. **2021**, 237, 797-805 0
- 446 Cilostazol Improves Hyperglycemia-Induced Impairment of Angiogenesis by Stimulating Adiponectin/Adiponectin Receptor1/Sirtuin1.

445	Review: Obesity Induced Insulin Resistance, Type 2 Diabetes and Emerging Therapeutic Approaches.. 1-22	
444	Oxidative Stress, Plant Natural Antioxidants, and Obesity. <b>2021</b> , 22,	36
443	Severe insulin resistance syndromes. <i>Journal of Clinical Investigation</i> , <b>2021</b> , 131,	15.9 5
442	Urinary bisphenol A levels in prepubertal children with exogenous obesity according to presence of metabolic syndrome. <b>2021</b> , 34, 495-502	2
441	An overview of obesity mechanisms in humans: Endocrine regulation of food intake, eating behaviour and common determinants of body weight. <b>2021</b> , 23 Suppl 1, 17-35	4
440	Removal of Epididymal Visceral Adipose Tissue Prevents Obesity-Induced Multi-organ Insulin Resistance in Male Mice. <b>2021</b> , 5, bvab024	5
439	Association of ADIPOQ rs266729 and rs1501299 gene polymorphisms and circulating adiponectin level with the risk of type 2 diabetes in a population of Iran: a case-control study. <b>2021</b> , 20, 87-93	2
438	Adiponectin Controls Nutrient Availability in Hypothalamic Astrocytes. <b>2021</b> , 22,	6
437	A Focused Review of the Metabolic Side-Effects of Clozapine. <b>2021</b> , 12, 609240	10
436	Longitudinal Changes of High Molecular Weight Adiponectin are Associated with Postpartum Development of Type 2 Diabetes Mellitus in Patients with Gestational Diabetes Mellitus. <b>2021</b> , 36, 114-122	1
435	Emerging roles of C1Q tumor necrosis factor-related proteins in metabolic diseases. <b>2021</b> , 6,	0
434	ACE2 and energy metabolism: the connection between COVID-19 and chronic metabolic disorders. <b>2021</b> , 135, 535-554	8
433	1-Deoxynojirimycin and its Derivatives: A Mini Review of the Literature. <b>2021</b> , 28, 628-643	15
432	Protective effects of intracerebroventricular adiponectin against olfactory impairments in an amyloid $\beta$ rat model. <b>2021</b> , 22, 14	1
431	Fucoidan and Fucoxanthin Attenuate Hepatic Steatosis and Inflammation of NAFLD through Modulation of Leptin/Adiponectin Axis. <b>2021</b> , 19,	13
430	Physical activity during pregnancy alters gene expression in neonatal tissue. <b>2021</b> ,	
429	Relationships between depression and anxiety symptoms and adipocyte-derived proteins in postmenopausal women. <b>2021</b> , 16, e0248314	1
428	The effect of black seed raisin on some cardiovascular risk factors, serum malondialdehyde, and total antioxidant capacity in hyperlipidemic patients: a randomized controlled trials. <b>2021</b> , 1	2

427	Association between body composition and pulmonary function tests among health care workers in Iran. <b>2021</b> , 17,	
426	Mutual effect modification between adiponectin and HDL as risk factors of cardiovascular events in Type 2 diabetes individuals: a cohort study. <b>2021</b> , 53, 2583-2591	1
425	The adipokine Retnla deficiency increases responsiveness to cardiac repair through adiponectin-rich bone marrow cells. <b>2021</b> , 12, 307	1
424	The complex role of adipokines in obesity, inflammation, and autoimmunity. <b>2021</b> , 135, 731-752	17
423	Impact of adipose tissue in chronic kidney disease development (Review). <b>2021</b> , 21, 539	5
422	Eat, Train, Sleep-Retreat? Hormonal Interactions of Intermittent Fasting, Exercise and Circadian Rhythm. <b>2021</b> , 11,	2
421	Insights into interplay of immunopathophysiological events and molecular mechanistic cascades in psoriasis and its associated comorbidities. <b>2021</b> , 118, 102614	3
420	Effects of Obesity and Diabetes on Sperm Cell Proteomics in Rats. <b>2021</b> , 20, 2628-2642	4
419	Crosstalk Between Dietary Pattern, Anthropometric Parameters, and Adiponectin Concentration Among Patients with Metabolic Syndrome. <b>2021</b> , 19, 137-143	1
418	Adiponectin: Structure, Physiological Functions, Role in Diseases, and Effects of Nutrition. <b>2021</b> , 13,	24
417	Relationship Between Autophagy and Metabolic Syndrome Characteristics in the Pathogenesis of Atherosclerosis. <b>2021</b> , 9, 641852	10
416	Nuclear Hormone Receptor Medicinal Chemistry. 1-117	
415	Obesity and Insulin Resistance: A Review of Molecular Interactions. <b>2021</b> , 21, 182-193	7
414	Adiponectin's roles in lipid and glucose metabolism modulation in fish: Mechanisms and perspectives. <b>2021</b> , 13, 2305-2321	2
413	Imperatorin alleviates metabolic and vascular alterations in high-fat/high-fructose diet-fed rats by modulating adiponectin receptor 1, eNOS, and p47 expression. <b>2021</b> , 899, 174010	2
412	Alcoholic and Non-Alcoholic Liver Diseases: Promising Molecular Drug Targets and their Clinical Development. <b>2021</b> , 18, 333-353	1
411	Compensation of Adiponectin-Induced Adenosine Monophosphate-Activated Protein Kinase and p38 Mitogen-Activated Protein Kinase Signaling in Rheumatoid Arthritis Synovial Fibroblasts. <b>2021</b> , 41, 177-186	0
410	Fatty acids: facts vs. fiction. <b>2021</b> , 1-21	0

409	Adipokines in vascular calcification. <b>2021</b> , 516, 15-26	5
408	C1QTNF6 participates in the pathogenesis of PCOS by affecting the inflammatory response of granulosa cells <b>2021</b> , 105, 427-438	2
407	Adiponectin Synthesis, Secretion and Extravasation from Circulation to Interstitial Space. <b>2021</b> , 36, 134-149	6
406	Beyond weight loss: current perspectives on the impact of calorie restriction on healthspan and lifespan. <b>2021</b> , 16, 95-108	3
405	Role of Peroxisome Proliferator-Activated Receptor Gamma (PPAR $\gamma$ ) in Different Disease States: Recent Updates. <b>2021</b> , 28, 3193-3215	9
404	Chemical Synthesis and Biological Evaluations of Adiponectin Collagenous Domain Glycoforms. <b>2021</b> , 143, 7808-7818	2
403	The autophagy protein Becn1 improves insulin sensitivity by promoting adiponectin secretion via exocyst binding. <b>2021</b> , 35, 109184	3
402	Landscape condition influences energetics, reproduction, and stress biomarkers in grizzly bears. <b>2021</b> , 11, 12124	2
401	FKBPL and SIRT-1 Are Downregulated by Diabetes in Pregnancy Impacting on Angiogenesis and Endothelial Function. <b>2021</b> , 12, 650328	7
400	The impact of promoter single nucleotide polymorphism (-11391 G/A) on type II diabetes mellitus in Iraqi population. <b>2021</b> , 23, 101115	
399	Adiponectin Associates with Rheumatoid Arthritis Risk in Overweight and Obesity Independently of Other Adipokines. <b>2021</b> , 10,	4
398	Galectin-3/adiponectin as a new biological indicator for assessing the risk of type 2 diabetes: a cross-sectional study in a community population. <b>2021</b> , 13, 15433-15443	1
397	Effects of Baccharin Isolated from Brazilian Green Propolis on Adipocyte Differentiation and Hyperglycemia in Diabetic Mice. <b>2021</b> , 22,	0
396	Adropin Slightly Modulates Lipolysis, Lipogenesis and Expression of Adipokines but Not Glucose Uptake in Rodent Adipocytes. <b>2021</b> , 12,	0
395	Deletion of the Feeding-Induced Hepatokine TSK Ameliorates the Melanocortin Obesity Syndrome. <b>2021</b> , 70, 2081-2091	0
394	Adipokines and Arterial Stiffness in Obesity. <b>2021</b> , 57,	7
393	Secreted Frizzled-Related Protein 5 is Associated with Glucose and Lipid Metabolism Related Metabolic Syndrome Components Among Adolescents in Northeastern China. <b>2021</b> , 14, 2735-2742	2
392	Analysis of anti-obesity and anti-diabetic effects of acacia bark-derived proanthocyanidins in type 2 diabetes model KKAY mice. <b>2021</b> , 75, 893-906	1



391	Sex differences in the associations between adiposity distribution and cardiometabolic risk factors in overweight or obese individuals: a cross-sectional study. <b>2021</b> , 21, 1232	1
390	12 $\beta$ -Hydroxylated bile acid enhances accumulation of adiponectin and immunoglobulin A in the rat ileum. <b>2021</b> , 11, 12939	4
389	Implementation of Christian Orthodox fasting improves plasma adiponectin concentrations compared with time-restricted eating in overweight premenopausal women. <b>2021</b> , 1-11	3
388	Effect of turmeric on adiponectin, sexual function and sexual hormones in stressed mice. <b>2021</b> , 277, 119575	
387	3,5-Diiodo-L-Thyronine (T2) Administration Affects Visceral Adipose Tissue Inflammatory State in Rats Receiving Long-Lasting High-Fat Diet. <b>2021</b> , 12, 703170	2
386	Oxyprenylated Secondary Metabolites as Modulators of Lipid and Sugar Metabolism. <b>2021</b> ,	1
385	Novel Laboratory Index, Based on Fasting Blood Parameters, Accurately Reflects Insulin Sensitivity. <b>2021</b> , 106, e5208-e5221	1
384	Quantitative comparative phosphoproteomic analysis of the effects of colostrum and milk feeding on liver tissue of neonatal calves. <b>2021</b> , 104, 8265-8275	0
383	Adiponectin modulates steroid hormone secretion, granulosa cell proliferation and apoptosis via binding its receptors during hens' high laying period. <b>2021</b> , 100, 101197	1
382	Tear Film Proteome of Healthy Domestic Cats. <b>2021</b> , 2021, 8708023	1
381	Factors that regulate expression patterns of insulin-like peptides and their association with physiological and metabolic traits in <i>Drosophila</i> . <b>2021</b> , 135, 103609	2
380	Low Plasma Adiponectin in Risk of Type 2 Diabetes: Observational Analysis and One- and Two-Sample Mendelian Randomization Analyses in 756,219 Individuals. <b>2021</b> , 70, 2694-2705	3
379	Transcriptome and metabolome changes induced by bitter melon ()- intake in a high-fat diet induced obesity model.. <b>2022</b> , 12, 287-301	1
378	Noradrenaline and ATP regulate white adipocyte adiponectin exocytosis: disturbed adrenergic and purinergic signalling in obesity-associated diabetes.	
377	Anti-diabetic and Lipid Profile Effect of <i>Astragalus membranaceus</i> (Fisch.) Bunge Fermented by <i>Aspergillus awamori</i> in db/db Mice. <b>2021</b> , 29, 263-272	2
376	The bifurcated role of adiponectin in colorectal cancer. <b>2021</b> , 278, 119524	0
375	NOTUM promotes thermogenic capacity and protects against diet-induced obesity in male mice. <b>2021</b> , 11, 16409	1
374	Adiponectin gene polymorphisms associated with diabetes mellitus: A descriptive review. <b>2021</b> , 7, e07851	2

- 373 SIRT1: a promising therapeutic target in type 2 diabetes mellitus. **2021**, 1-16 1
- 372 Exploring regulatory network of metabolism through liver research. **2021**, 12, 343-348
- 371 Peroxisome proliferator-activated receptor agonist (pioglitazone) with exogenous adiponectin ameliorates arterial stiffness and oxidative stress in diabetic Wistar Kyoto rats. **2021**, 907, 174218 2
- 370 Effect of dietary leucine supplementation on skeletal muscle fiber type transformation in weaning piglets. **2021**, 1-9
- 369 Metabolic syndrome and hidradenitis suppurativa: epidemiological, molecular, and therapeutic aspects. **2021**, 3
- 368 A systems biology analysis of adrenergically stimulated adiponectin exocytosis in white adipocytes. **2021**, 297, 101221 1
- 367 The Lyme Disease agent co-opts adiponectin receptor-mediated signaling in its arthropod vector.
- 366 Molecular mechanism of DLBS3733, a bioactive fraction of *Lagerstroemia speciosa* (L.) Pers., on ameliorating hepatic lipid accumulation in HepG2 cells. **2021**, 141, 111937 1
- 365 Inflammatory Biomarkers and Components of Metabolic Syndrome in Adolescents: a Systematic Review. **2021**, 1 3
- 364 Association of Adiponectin, Leptin and Resistin Plasma Concentrations with Echocardiographic Parameters in Patients with Coronary Artery Disease. **2021**, 11, 0
- 363 Dietary Naringenin Preserves Insulin Sensitivity and Grip Strength and Attenuates Inflammation but Accelerates Weight Loss in a Mouse Model of Cancer Cachexia. **2021**, 65, e2100268 0
- 362 Protective and ameliorating effects of probiotics against diet-induced obesity: A review. **2021**, 147, 110490 5
- 361 Reversible insulin resistance helps Bactrian camels survive fasting. **2021**, 11, 18815
- 360 Metabolic determinants of Alzheimer's disease: A focus on thermoregulation. **2021**, 72, 101462 5
- 359 Iron aggravates hepatic insulin resistance in the absence of inflammation in a novel db/db mouse model with iron overload. **2021**, 51, 101235 5
- 358 Associations between adverse home environments and appetite hormones, adipokines, and adiposity among Chilean adolescents. **2021**, e12488
- 357 Altered structural changes of podocytes, glomerular basement membrane in patients with type 2 diabetes mellitus. **2021**, 8, 198-201
- 356 Differential roles of FOXO transcription factors on insulin action in brown and white adipose tissue. *Journal of Clinical Investigation*, **2021**, 131, 15.9 1

355	Association between the FTO rs9939609 single nucleotide polymorphism and dietary adherence during a 2-year caloric restriction intervention: Exploratory analyses from CALERIE phase 2. <b>2021</b> , 155, 111555	2
354	Plasma ghrelin, adiponectin and leptin levels in obese rats with type 2 diabetes mellitus after sleeve gastrectomy and gastric plication. <b>2021</b> , 21, 264	1
353	Role of adiponectin in the relationship between visceral adiposity and fibroblast growth factor 23 in non-diabetic men with normal kidney function. <b>2021</b> ,	
352	Anti-diabetic effects of astaxanthin on an STZ-induced diabetic model in rats. <b>2021</b> , 68, 451-459	10
351	Biological Activities of Paprika Carotenoids, Capsanthin and Capsorubin. <b>2021</b> , 1261, 285-293	0
350	Adipsic diabetes insipidus. <b>2021</b> , 181, 261-273	1
349	Obesity and Diabetes. 227-241	10
348	Phloretin-induced cytoprotective effects on mammalian cells: A mechanistic view and future directions. <b>2016</b> , 42, 13-40	26
347	Role of Chemokines and Chemokine Receptors in Diseases of Ageing. <b>2007</b> , 92-105	1
346	Renin-Angiotensin System Proteases and the Cardiometabolic Syndrome: Pathophysiological, Clinical and Therapeutic Implications. <b>2007</b> , 87-111	2
345	Mechanisms Linking Obesity to Cancer Risk. <b>2011</b> , 99-142	2
344	Unraveling the Local Influence of Tumor-Surrounding Adipose Tissue on Tumor Progression: Cellular and Molecular Actors Involved. <b>2013</b> , 121-146	6
343	At the crossroad between obesity and gastric cancer. <b>2015</b> , 1238, 689-707	4
342	Adiponectin, Obesity, and Cancer. <b>2017</b> , 21-38	3
341	Epidemiology and Risk Factors of Type 2 Diabetes. <b>2018</b> , 55-80	1
340	Sex Hormone-Binding Globulin and the Metabolic Syndrome. <b>2017</b> , 305-324	4
339	Molecular Mechanisms in Yeast Carbon Metabolism: Lipid Metabolism and Lipidomics. <b>2014</b> , 169-215	2
338	Molecular Mechanisms in Yeast Carbon Metabolism: Lipid Metabolism and Lipidomics. <b>2014</b> , 169-215	5

337	Anti-tumor necrosis factor therapy increases serum adiponectin levels with the improvement of endothelial dysfunction in patients with rheumatoid arthritis. <b>2007</b> , 17, 385-90		56
336	Schisandrins impact on the efficiency of human body: A review. <b>2020</b> , 35, 271-278		3
335	Tissu adipeux, inflammation et athlisme. <b>2007</b> , 191, 897-910		1
334	Epigenetic modification and therapeutic targets of diabetes mellitus. <b>2020</b> , 40,		13
333	A systems biology analysis of adrenergically stimulated adiponectin exocytosis in white adipocytes.		0
332	Adiponectin and related C1q/TNF-related proteins bind selectively to anionic phospholipids and sphingolipids.		2
331	Retinol-binding protein 7 is an endothelium-specific PPAR cofactor mediating an antioxidant response through adiponectin. <b>2017</b> , 2, e91738		18
330	Chronic mirabegron treatment increases human brown fat, HDL cholesterol, and insulin sensitivity. <i>Journal of Clinical Investigation</i> , <b>2020</b> , 130, 2209-2219	15.9	101
329	Inhibition of protein kinase Cepsilon prevents hepatic insulin resistance in nonalcoholic fatty liver disease. <i>Journal of Clinical Investigation</i> , <b>2007</b> , 117, 739-45	15.9	369
328	Hypothalamic resistin induces hepatic insulin resistance. <i>Journal of Clinical Investigation</i> , <b>2007</b> , 117, 1670-8	15.9	86
327	Linking adiponectin to proteinuria. <i>Journal of Clinical Investigation</i> , <b>2008</b> , 118, 1619-22	15.9	20
326	Objectively Measured Physical Activity Is Negatively Associated with Plasma Adiponectin Levels in Minority Female Youth. <b>2010</b> , 2010, 846070		3
325	Antioxidants, Polyphenols, and Adipose Inflammation. <b>2009</b> , 233-253		3
324	Circumventricular Organs. <b>2013</b> , 1-14		9
323	Individuality, phenotypic differentiation, dormancy and 'persistence' in culturable bacterial systems: commonalities shared by environmental, laboratory, and clinical microbiology. <b>2015</b> , 4, 179		41
322	Individuality, phenotypic differentiation, dormancy and persistence in culturable bacterial systems: commonalities shared by environmental, laboratory, and clinical microbiology. <b>2015</b> , 4, 179		42
321	EFFECT OF TELMISARTAN ON BLOOD GLUCOSE LEVELS AND BLOOD LIPID LEVELS IN STREPTOZOTOCIN INDUCED DIABETIC RATS. <b>2019</b> , 12, 1303-1308		2
320	Mild electrical stimulation with heat shock ameliorates insulin resistance via enhanced insulin signaling. <b>2008</b> , 3, e4068		61

319	Insights into the molecular mechanisms of the anti-atherogenic actions of flavonoids in normal and obese mice. <b>2011</b> , 6, e24634	41
318	Exendin-4 improves steatohepatitis by increasing Sirt1 expression in high-fat diet-induced obese C57BL/6J mice. <b>2012</b> , 7, e31394	100
317	Combined use of serum adiponectin and tumor necrosis factor-alpha receptor 2 levels was comparable to 2-hour post-load glucose in diabetes prediction. <b>2012</b> , 7, e36868	24
316	Genetic polymorphisms of the main transcription factors for adiponectin gene promoter in regulation of adiponectin levels: association analysis in three European cohorts. <b>2012</b> , 7, e52497	6
315	Adiponectin regulates vascular endothelial growth factor-C expression in macrophages via Syk-ERK pathway. <b>2013</b> , 8, e56071	14
314	Differential regulation of adipokines may influence migratory behavior in the white-throated sparrow ( <i>Zonotrichia albicollis</i> ). <b>2013</b> , 8, e59097	14
313	PPAR agonist-induced reduction of Mcp1 in atherosclerotic plaques of obese, insulin-resistant mice depends on adiponectin-induced Irak3 expression. <b>2013</b> , 8, e62253	26
312	The relationship between adiponectin and left ventricular mass index varies with the risk of left ventricular hypertrophy. <b>2013</b> , 8, e70246	13
311	Plasma level of adrenomedullin is influenced by a single nucleotide polymorphism in the adiponectin gene. <b>2013</b> , 8, e70335	8
310	Impact of the adipokine adiponectin and the hepatokine fetuin-A on the development of type 2 diabetes: prospective cohort- and cross-sectional phenotyping studies. <b>2014</b> , 9, e92238	53
309	Adipose tissue dendritic cells enhances inflammation by prompting the generation of Th17 cells. <b>2014</b> , 9, e92450	69
308	Adiponectin ameliorates experimental periodontitis in diet-induced obesity mice. <b>2014</b> , 9, e97824	27
307	Ultraviolet B irradiation reduces the expression of adiponectin in ovarian adipose tissues through endocrine actions of calcitonin gene-related peptide-induced serum amyloid A. <b>2014</b> , 9, e98040	11
306	Lower Circulating C1q/TNF-Related Protein-3 (CTRP3) Levels Are Associated with Obesity: A Cross-Sectional Study. <b>2015</b> , 10, e0133955	52
305	Adiponectin Signaling Regulates Lipid Production in Human Sebocytes. <b>2017</b> , 12, e0169824	16
304	The Low-Dose (7.5 mg/day) Pioglitazone Therapy. <b>2017</b> , 9, 821-825	9
303	Adiponectin and leptin levels in normal weight women with polycystic ovary syndrome. <b>2020</b> , 41,	2
302	Effects of a 12-week aerobic exercise on markers of hypertension in men. <b>2018</b> , 10, 162-168	7

301	Adipose Derived Mesenchymal Stem Cell Differentiation into Adipogenic and Osteogenic Stem Cells. <b>2016</b> , 2, 025-032	1
300	[Expression of gene and content of adiponectin in fatty tissue in patients with ischemic heart disease]. <b>2019</b> , 65, 239-244	2
299	Diabetes and Role of Exercise on its Control; A systematic Review. <b>2016</b> , 1, 113-121	1
298	DISORDER OF INTERCELLULAR CORRELATIONS IN PATHOGENESIS OF FATTY TISSUE INFLAMMATION IN METABOLIC SYNDROME. <b>2013</b> , 12, 144-153	4
297	Preventive effects of metallothionein against DNA and lipid metabolic damages in dyslipidemic mice under repeated mild stress. <b>2013</b> , 60, 240-8	5
296	Impact of Active Antihyperglycemic Components as Herbal Therapy for Preventive Health Care Management of Diabetes. <b>2019</b> , 19, 12-19	1
295	Obesity and coronary microvascular disease - implications for adipose tissue-mediated remote inflammatory response. <b>2014</b> , 12, 453-61	25
294	Biological activities of receptor-interacting protein 140 in adipocytes and metabolic diseases. <b>2012</b> , 8, 452-7	13
293	The Role of Adiponectin in Maintaining Metabolic Homeostasis. <b>2020</b> , 16, 95-103	13
292	Key Relevance of Epigenetic Programming of Adiponectin Gene in Pathogenesis of Metabolic Disorders. <b>2020</b> , 20, 506-517	7
291	Adiponectin and Inflammation in Health and Disease: An Update. <b>2018</b> , 5, 20-32	6
290	Adapted recreational football small-sided games improve cardiac capacity, body composition and muscular fitness in patients with type 2 diabetes. <b>2020</b> , 60, 1261-1268	0
289	Circulating levels of Apelin-36 in patients with mild to moderate psoriasis. <b>2020</b> , 155, 646-651	3
288	Gene therapy of type 2 diabetes mellitus: state of art. <b>2019</b> , 91, 149-152	4
287	The mechanisms of developmentcardiovascular disease and type 2 diabetes: the role of insulin resistance, hyperinsulinemia and hypoadiponektinemia. Treatment and management. <b>2014</b> , 11, 48-53	1
286	Variations of serum levels of adiponectin and resistin in chronic viral hepatitis. <b>2013</b> , 36, 600-5	10
285	Adiponectin inhibits spontaneous and catecholamine-induced lipolysis in human adipocytes of non-obese subjects through AMPK-dependent mechanisms. <b>2011</b> , 60, 139-48	33
284	From Obesity to Hippocampal Neurodegeneration: Pathogenesis and Non-Pharmacological Interventions. <b>2020</b> , 22,	13

283	A better parameter in predicting insulin resistance: obesity plus elevated alanine aminotransferase. <b>2009</b> , 15, 5598-603	15
282	Could metabolic syndrome lead to hepatocarcinoma via non-alcoholic fatty liver disease?. <b>2014</b> , 20, 9217-28	47
281	GW4064, a farnesoid X receptor agonist, upregulates adipokine expression in preadipocytes and HepG2 cells. <b>2014</b> , 20, 15727-35	8
280	Case-control study of diabetes-related genetic variants and pancreatic cancer risk in Japan. <b>2014</b> , 20, 17456-62	13
279	Expression of ADP and TNF- $\alpha$ in patients with gestational diabetes mellitus and its relationship with pregnancy outcomes. <b>2020</b> , 20, 2184-2190	2
278	Adiponectin protects against uric acid-induced renal tubular epithelial inflammatory responses via the AdipoR1/AMPK signaling pathway. <b>2019</b> , 43, 1542-1552	7
277	Adiponectin inhibits the differentiation and maturation of osteoclasts via the mTOR pathway in multiple myeloma. <b>2020</b> , 45, 1112-1120	3
276	Adiponectin for the treatment of diabetic nephropathy. <b>2019</b> , 34, 480-491	10
275	Changes in Plasma Fatty Acid Composition in Hyperlipidemia Dogs. <b>2013</b> , 8, 639-646	2
274	Propensity for Diabetes and Correlation of its Predisposing Factors in Ota, Nigeria. <b>2013</b> , 13, 809-813	2
273	Adipocytokines: The pied pipers. <b>2010</b> , 1, 9-17	18
272	The effect of betulinic acid on leptin, adiponectin, hepatic enzyme levels and lipid profiles in streptozotocin-nicotinamide-induced diabetic mice. <b>2018</b> , 13, 142-148	14
271	Serum Anti-Müllerian Hormone in Polycystic Ovary Syndrome and its Relationship with Insulin Resistance, Lipid Profile and Adiponectin. <b>2020</b> , 24, 191-195	5
270	Antidiabetic effect of free amino acids supplementation in human visceral adipocytes through adiponectin-dependent mechanism. <b>2019</b> , 149, 41-46	2
269	Age and depot-specific adipokine responses to obesity in mice. <b>2012</b> , 04, 1522-1529	1
268	The Effects of Adiponectin on Bone Metabolism. <b>2014</b> , 07, 621-630	1
267	Differentially expressed genes in adipocytokine signaling pathway of adipose tissue in pregnancy. <b>2013</b> , 3, 86-95	14
266	Metabolic Syndrome and DNA Damage: The Interplay of Environmental and Lifestyle Factors in the Development of Metabolic Dysfunction. <b>2015</b> , 05, 65-76	4

265	Saponins as adipokines modulator: A possible therapeutic intervention for type 2 diabetes. <b>2017</b> , 8, 337-345	10
264	Adiponectin serum level in chronic hepatitis C infection and therapeutic profile. <b>2015</b> , 7, 44-52	13
263	Association of polymorphism in adiponectin (+45 T/G) and leptin (-2548 G/A) genes with type 2 diabetes mellitus in male Egyptians. <b>2015</b> , 11, 937-44	15
262	Adiponectin response to supervised aerobic training in type II diabetic patients. <b>2014</b> , 8, 597-602	4
261	Lipid accumulation mediated by adiponectin in C2C12 myogenesis. <b>2009</b> , 42, 667-72	8
260	Liver enzyme and adipocytokine profiles are synergistically associated with insulin resistance: the J-SHIPP study. <b>2012</b> , 19, 577-84	7
259	Atheroprotective Roles of Adiponectin via CCL2 Inhibition. <b>2021</b> , 28, 1204-1213	1
258	Adiponectin multimeric forms but not total adiponectin levels are associated with myocardial infarction in non-diabetic men. <b>2011</b> , 18, 616-27	17
257	Aerobic training increases the expression of adiponectin receptor genes in the peripheral blood mononuclear cells of young men. <b>2015</b> , 32, 181-6	5
256	Association between ADIPOQ Gene Polymorphism rs182052 and Obesity in Korean Women. <b>2010</b> , 8, 116-121	3
255	Is Metabolic Syndrome Considered to Be a Risk Factor for Gastroesophageal Reflux Disease (Non-Erosive or Erosive Esophagitis)?: A Systematic Review of the Evidence. <b>2016</b> , 18, e30363	6
254	Effect and Mechanism of Herbal Ingredients in Improving Diabetes Mellitus Complications. <b>2016</b> , 12,	0
253	Anti-Diabetic Effects of Mori Folium Extract on High-Fat Diet and Streptozotocin-Induced Type II Diabetes Mellitus in Mice. <b>2015</b> , 30, 1-9	4
252	Association of adiponectin receptor (Adipo-R1/-R2) expression and colorectal cancer. <b>2014</b> , 15, 9385-90	14
251	Serum Adiponectin Level Association with Breast Cancer Risk: Evidence from a Case-Control Study. <b>2015</b> , 16, 4945-8	4
250	Role of adiponectin and its receptors in cancer. <b>2012</b> , 9, 213-20	37
249	Remodeling of whole-body lipid metabolism and a diabetic-like phenotype caused by loss of CDK1 and hepatocyte division. <b>2020</b> , 9,	7
248	Lipopolysaccharide induces a downregulation of adiponectin receptors in-vitro and in-vivo. <b>2015</b> , 3, e1428	8



247	Molecular characterization of an adiponectin receptor homolog in the white leg shrimp, <i>Litopenaeus vannamei</i> . <b>2016</b> , 4, e2221	6
246	Antioxidant Potential of Adiponectin and Full PPAR- Agonist in Correcting Streptozotocin-Induced Vascular Abnormality in Spontaneously Hypertensive Rats. <b>2021</b> , 2021, 6661181	1
245	The liver steatosis severity and lipid characteristics in primary biliary cholangitis. <b>2021</b> , 21, 395	1
244	Glucocorticoid/Adiponectin Axis Mediates Full Activation of Cold-Induced Beige Fat Thermogenesis. <b>2021</b> , 11,	0
243	ANGPTL8/Betatrophin Improves Glucose Tolerance in Older Mice and Metabolomic Analysis Reveals Its Role in Insulin Resistance in HepG2 Cells. <b>2021</b> , 14, 4209-4221	1
242	Between Inflammation and Autophagy: The Role of Leptin-Adiponectin Axis in Cardiac Remodeling. <b>2021</b> , 14, 5349-5365	4
241	T-Cadherin and the Ratio of Its Ligands as Predictors of Carotid Atherosclerosis: A Pilot Study. <b>2021</b> , 9,	0
240	The adiponectin signalling pathway - A therapeutic target for the cardiac complications of type 2 diabetes?. <b>2021</b> , 108008	1
239	Ozhirenie i metabolizm zhirovoy tkani.Poyavilis' li novye terapevticheskie vozmozhnosti?. <b>2007</b> , 4, 2-7	
238	Insulin Resistance Syndrome and Its Vascular Complications. <b>2007</b> , 375-393	
237	Thiazolidinediones. <b>2007</b> , 135-157	
236	Subclinical inflammation and redox status in untreated patients with type 2 diabetes mellitus. <b>2008</b> , 14, 151-161	1
235	Visceral Adiposity and Inflammation. <b>2008</b> , 47-50	
234	Adipokines: Regulators of Lipid Metabolism. <b>2009</b> , 283-299	
233	AMP-Activated Protein Kinase in Liver. <b>2010</b> , 275-285	
232	Adipokine Signaling. <b>2010</b> , 2885-2894	
231	A Study on the Gene Expression of Adipogenic Regulators by an Herbal Composition. <b>2010</b> , 20, 729-735	
230	Pancreatic Islet ECell Failure in Obesity. <b>2011</b> , 199-217	

- 229 Adipokine signal transduction pathways and its secretion in obese patients. **2010**, 30, 1123-1127
- 228 Genetics of Obesity. **2011**, 3-17
- 227 Hypothalamus: Neuroendometabolic Center. **2011**, 1948-1958
- 226 Hormonelle Regulation und Integration des Stoffwechsels von Säugetieren. **2011**, 1187-1246
- 225 Serum adiponectin in obese children and adolescents. **2011**, 57, 9-14
- 224 Innovative Approach to Treatment of the Metabolic Syndrome. **2012**, 107-121
- 223 Effects of Dietary and Physical Activity Intervention during Pregnancy on Circulating Leptin and Adiponectin Levels. **2012**, 03, 556-567
- 222 Nutrient Intake, the Concentrations of Leptin, Adiponectin, Cortisol & Insulin by the Body Fat Content of Women. **2012**, 17, 714 1
- 221 Fibers and Prevention of Cardiovascular Disease. **2012**, 199-232
- 220 LeAdiponectine : une adipokine aux multiples visages. **2013**, 189-203
- 219 Molecular Aspects of Obesity and Insulin Resistance in Metabolic Syndrome and Neurological Disorders. **2013**, 143-189
- 218 Fettgewebe. **2013**, 139-172
- 217 Modulation of Skeletal Muscle Performance and Sarco- and Endoplasmic Reticulum Ca<sup>2+</sup> ATPase by Exercise and Adiponectin Gene Therapy in Insulin Resistant Diabetic Rat Model. **2013**, 1, 76-84
- 216 Effects of Aerobic Exercise Training on Whole Body Insulin Sensitivity and PBMC Gene Expression of Adiponectin Receptors in Healthy Adults. **2013**, 24, 445-453
- 215 Relationship of Abdominal Fat, Adipocytokine, Bone Mineral Density, and Bone Turnover Markers in Obese Male Adolescents. **2014**, 25, 238-248
- 214 Correlation of Gene Expression between Adiponectin and Glucose Transporter 4 in Mouse Adipose Tissue. **2014**, 24, 895-902
- 213 Adiponectin and Metabolic Syndrome Prevention. **2014**, 2,
- 212 Anti-Diabetic Effects of Sprouts in High-Fat Diet and Streptozotocin-Induced Type II Diabetes Mellitus Mice. **2014**, 43, 1658-1664 1

211	MicroRNAs with Impact on Adipose Tissue Inflammation in Obesity. <b>2015</b> , 163-184	
210	Kidney Disease in Obesity and Metabolic Syndrome. <b>2015</b> , 1-24	
209	Cardiovascular and Metabolic Syndrome Impact on Uristatin. <b>2015</b> , 157-170	
208	Development of Adiponectin Receptor C-Terminal Fragment Bioassays. <b>2015</b> , 61-76	
207	Intraperitoneal insulin infusion: on the way to the artificial pancreas. <b>2015</b> , 18, 32-45	2
206	Insight into Adiponectin Role in Metabolic and Cardiovascular Disease as a Potential Therapeutic Strategy. <b>2015</b> , 24, 137-139	1
205	Adiposity and metabolic syndrome. <b>2015</b> , 190-204	
204	Effects of Low-Dose Pioglitazone on Serum Levels of Adiponectin, Dehydroepiandrosterone, Amyloid Beta Peptide, and Lipid Profile in Elderly Japanese People with Type 2 Diabetes. <b>2015</b> , 2015, 1-6	
203	Molecular Mechanisms Underlying Obesity-Induced Chronic Inflammation. <b>2016</b> , 291-298	1
202	Elucidation of Pathogenesis and Development of Therapeutic Strategy of Type 2 Diabetes-progress in the Thirty Years. <b>2016</b> , 105, 64a-70a	
201	The Influences of Withdrawal and Daily Dose Reduction of Pioglitazone on Metabolic Parameters in Patients With Type 2 Diabetes: A Retrospective Longitudinal Observational Study. <b>2016</b> , 8, 585-90	2
200	Elucidation of Pathogenesis and Development of Therapeutic Strategy of Type 2 Diabetes -Progress in the Thirty Years. <b>2016</b> , 105, 1543-1557	
199	Effect and Mechanism of Herbal Ingredients in Improving Diabetes Mellitus Complications. <b>2016</b> , 12,	0
198	Prognosis of Heart Disease in Obesity □The Obesity Paradox. <b>2016</b> , 25, 184-187	
197	Salacia Chinensis Extract (SCE) Modulates Carbohydrates and Lipid Metabolism: in vitro and in vivo Models. <b>2016</b> , 3,	
196	Histone Deacetylase HDAC8 and Insulin Resistance. <b>2017</b> , 1-16	
195	Asthma and obesity. <b>2017</b> , 89, 116-120	5
194	LIVER DAMAGE IN PSORIASIS AND PSORIATIC ARTHRITIS: A LITERATURE REVIEW. <b>2017</b> , 55, 429-435	1

- 193 Pharmacogenomics of Type 2 Diabetes Mellitus. **2017**, 1, 6-19
- 192 Serum adiponectin in Egyptian patients with chronic hepatitis B virus infection. **2018**, 8, 45-48
- 191 A transgenic mutant mouse line accompanied by the complete deletion of interleukin-33 showed insulin and leptin resistances.
- 190 A Review on Clinical Studies on Metabolic Disease Using a Pulse Tonometry Device. **2018**, 39, 612-623
- 189 Single Nucleotide Polymorphism at +276 G>T of the Adiponectin Gene and Plasma Adiponectin Level in Myanmar Type 2 Diabetic Patients. **2018**, 33, 160-164
- 188 Eviniferin is More Effective than Resveratrol in Promoting Favorable Adipocyte Differentiation with Enhanced Adiponectin Expression and Decreased Lipid Accumulation. **2019**, 25, 817-826 2
- 187 Anti-hyperlipidemic Effect of Fatty Acids Methyl Esters (FAMES) of Citrullus colocynthis in High-Fat Diet Induced Obesity in Rats. **2020**, 18, 131-139
- 186 The Liver and Insulin Resistance: The Important Convergence of Endocrinology and Hepatology. **2020**, 207-219
- 185 High serum concentration of dipeptidyl peptidase 4 at early stage of obesity [preliminary study]. **2019**, 54, 233-240
- 184 Study on the Mechanism of Shugan Xiaozhi Fang on Cells with Non-alcoholic Fatty Liver Disease. **2019**, 17, 1328-1338
- 183 Mechanisms of skeletal fragility in diabetes mellitus. **2020**, 39-59
- 182 Encyclopedia of Behavioral Medicine. **2020**, 2325-2326
- 181 Renoprotective and haemodynamic effects of adiponectin and peroxisome proliferator-activated receptor agonist, pioglitazone, in renal vasculature of diabetic Spontaneously hypertensive rats. 0
- 180 Utilization of Electronic Health Records for the Assessment of Adiponectin Receptor Autoantibodies during the Progression of Cardio-metabolic Comorbidities.
- 179 Polycystic ovary syndrome: approach to correction of metabolic disorders. **2020**, 54-60 3
- 178 Effect of two different dietary fatty acid profiles and variant rs266729 in ADIPOQ on weight loss and adiponectin concentrations. **2020**, 67, 374-382 2
- 177 Utilization of electronic health records for the assessment of adiponectin receptor autoantibodies during the progression of cardio-metabolic comorbidities. **2020**, 1, 17-27
- 176 Anthocyanins: From Mechanisms of Regulation in Plants to Health Benefits in Foods. **2021**, 12, 748049 7

175	Berberine treatment for weight gain in patients with schizophrenia by regulating leptin rather than adiponectin. <b>2021</b> , 67, 102896	0
174	Negative correlation of serum adiponectin level with peripheral artery occlusive disease in hemodialysis patients. <b>2020</b> , 32, 70-74	1
173	Mechanisms for Obesity Related Kidney Disease. <b>2020</b> , 193-216	
172	Cardiovascular protection effect of chlorogenic acid: focus on the molecular mechanism. <b>2020</b> , 9, 1462	4
171	Effect of a weight loss program on serum adiponectin and insulin resistance among overweight and obese premenopausal females. <b>2020</b> , 95, 32	4
170	Association between Urinary Bisphenol A Concentration and Obesity Prevalence in Children and Adolescents. <b>2020</b> , 214-245	0
169	Pathophysiological role of major adipokines in Atrial Fibrillation. <b>2021</b> , 22,	
168	Selected adipocytokines in patients with an incidentally discovered pheochromocytoma. <b>2020</b> , 45, 117-126	0
167	Mediators of Insulin Resistance. <b>2008</b> , 161-177	
166	The Liver and Insulin Resistance: The Important Convergence of Endocrinology and Hepatology. <b>2008</b> , 229-244	
165	Resistin is associated with the inflammation process in patients with systemic autoimmune diseases undergoing glucocorticoid therapy: comparison with leptin and adiponectin. <b>2013</b> , 23, 8-18	7
164	Plasma levels of adipokines in patients with Alzheimer's disease - where is the "breaking point" in Alzheimer's disease pathogenesis?. <b>2020</b> , 69, S339-S349	0
163	Renoprotective and haemodynamic effects of adiponectin and peroxisome proliferator-activated receptor agonist, pioglitazone, in renal vasculature of diabetic Spontaneously hypertensive rats. <b>2020</b> , 15, e0229803	1
162	The burden of type 2 diabetes: strategies to prevent or delay onset. <b>2007</b> , 3, 511-20	13
161	Obesity, adipocytokines and cancer. <b>2008</b> , 3, 45-52	6
160	Is adiponectin related to orofacial clefts?. <b>2012</b> , 14, 51-2	2
159	276G>T Polymorphism of the ADIPOQ Gene Influences Plasma Adiponectin in Type 2 Diabetes Patients but Is Not Predictive for Presence of Type 2 Diabetes in a Caucasian Cohort from Romania. <b>2012</b> , 7, 271-6	4
158	Rapamycin Modulates Markers of Mitochondrial Biogenesis and Fatty Acid Oxidation in the Adipose Tissue of db/db Mice. <b>2013</b> , 1, 114-123	21

157	Investigation of the relationship between retinol binding protein 4, metabolic syndrome and insulin resistance in Iranian obese 5-17 year old children. <b>2013</b> , 23, 396-402	9
156	Adiponectin and leptin molecular actions and clinical significance in breast cancer. <b>2014</b> , 8, 31-40	21
155	Evaluation of Glutathione S-transferase T1 (GSTT1) deletion polymorphism on type 2 diabetes mellitus risk in a sample of Yazdian females in Yazd, Iran. <b>2014</b> , 6, 856-62	3
154	Association of Type 2 Diabetes Mellitus related SNP genotypes with altered serum adipokine levels and metabolic syndrome phenotypes. <b>2015</b> , 8, 4464-71	3
153	The effect of opium addiction on serum adiponectin and leptin levels in male subjects: a case control study from Kerman Coronary Artery Disease Risk Factors Study (KERCADRS). <b>2013</b> , 12, 916-23	12
152	Serum Adiponectin and Indices of Cardiovascular Risk in Young Women with Excessive Body Mass. <b>2010</b> , 21, 68-73	
151	Adiponectin and Metabolic Syndrome in Women at Menopause. <b>2009</b> , 19, 173-84	5
150	Pediatric Metabolic Syndrome: Pathophysiology and Laboratory Assessment. <b>2017</b> , 28, 25-42	18
149	Obesity-related glomerulopathy and podocyte injury: a mini review. <b>2012</b> , 4, 1058-70	16
148	extract reduces obesity-induced insulin resistance and hepatic steatosis in obese mice fed a high-fat diet. <b>2017</b> , 79, 279-290	7
147	Adiponectin alleviates blood hypercoagulability via inhibiting endothelial cell apoptosis induced by oxidative stress in septic rats. <b>2018</b> , 21, 1013-1019	2
146	Inhibition of Interleukin-1 Receptor-Associated Kinases 1/4, Increases Gene Expression and Serum Level of Adiponectin in Mouse Model of Insulin Resistance. <b>2018</b> , 7, 185-192	
145	Hypoadiponectemia is associated with metabolic syndrome in patients with type 2 diabetes. <b>2017</b> , 10, 10515-10521	2
144	The therapeutic effects of berberine plus sitagliptin in a rat model of fatty liver disease. <b>2021</b> , 24, 451-459	1
143	The effects of twenty-four nutrients and phytonutrients on immune system function and inflammation: A narrative review. <b>2021</b> , 7, 333-376	2
142	Revisiting the multiple roles of T-cadherin in health and disease. <b>2021</b> , 100, 151183	0
141	A review of the role of ethanol-induced adipose tissue dysfunction in alcohol-associated liver disease. <b>2021</b> , 45, 1927-1939	1
140	Changes in Morphological and Functional Characteristics of Tea Leaves During Japanese Green Tea (Sencha) Manufacturing Process. <b>2022</b> , 15, 82	1

139	Plasma Lipocalin-2 and Adiponectin are Affected by Obesity Rather Than Type 2 Diabetes Mellitus per se. <b>2021</b> , 14, 4547-4556	0
138	In vitro and in silico characterization of adiponectin-receptor agonist dipeptides. <b>2021</b> , 5, 29	1
137	An exploratory double-blind, randomized, placebo-controlled study to assess the efficacy of CitruSlim on body composition and lipid parameters in obese individuals. <b>2021</b> , 35, 7039	0
136	A network pharmacology-based strategy to explore the pharmacological mechanisms of Antrodia camphorata and antcin K for treating type II diabetes mellitus. <b>2021</b> , 96, 153851	2
135	Insulin sensitivity variations in apparently healthy Arab male subjects: correlation with insulin and C peptide. <b>2021</b> , 9,	0
134	Resident and migratory adipose immune cells control systemic metabolism and thermogenesis. <b>2021</b> ,	2
133	The Lyme disease agent co-opts adiponectin receptor-mediated signaling in its arthropod vector. <b>2021</b> , 10,	1
132	Impact of brominated flame retardants on lipid metabolism: An in vitro approach. <b>2021</b> , 294, 118639	3
131	Female obesity: Association with endocrine disruption and reproductive dysfunction. <b>2021</b> , 28, 100375	1
130	The Effect of Herbal Medicine and Natural Bioactive Compounds on Plasma Adiponectin: A Clinical Review.. <b>2021</b> , 1328, 37-57	0
129	The Combination of High Levels of Adiponectin and Insulin Resistance Are Affected by Aging in Non-Obese Old Peoples.. <b>2021</b> , 12, 805244	0
128	Galangin 3-benzyl-5-methylether derivatives function as an adiponectin synthesis-promoting peroxisome proliferator-activated receptor $\beta$ partial agonist.. <b>2021</b> , 54, 116564	2
127	Crosstalk relationship between adiponectin receptors, PPAR- $\beta$ and $\delta$ adrenoreceptors in renal vasculature of diabetic WKYs.. <b>2021</b> , 174703	
126	Anaplastic Lymphoma Kinase activating mechanisms and signaling pathways. <b>2015</b> , 7, 283-305	13
125	Adiponectin: a pleiotropic hormone with multifaceted roles.. <b>2021</b> , 67, 98-112	1
124	The Roles and Associated Mechanisms of Adipokines in Development of Metabolic Syndrome.. <b>2022</b> , 27,	4
123	Lifestyle Genomic interactions in Health and Disease. <b>2022</b> , 25-74	
122	Circulating level of FABP4 is an independent predictor of metabolic dysfunction-associated fatty liver disease in middle-aged and elderly individuals. <b>2021</b> ,	0

121	Muscle Mass and Inflammation in Older Adults: Impact of the Metabolic Syndrome.. <b>2022</b> , 1-10	3
120	Effect of chiglitazar and sitagliptin on glucose variations, insulin resistance and inflammatory-related biomarkers in untreated patients with type 2 diabetes. <b>2021</b> , 109171	0
119	High-fat western diet-consumption alters crystalline silica-induced serum adipokines, inflammatory cytokines and arterial blood flow in the F344 rat.. <b>2022</b> , 9, 12-21	1
118	Relationship between Epicardial and Coronary Adipose Tissue and the Expression of Adiponectin, Leptin, and Interleukin 6 in Patients with Coronary Artery Disease.. <b>2022</b> , 12,	4
117	Astaxanthin, a Marine Carotenoid, Maintains the Tolerance and Integrity of Adipose Tissue and Contributes to Its Healthy Functions.. <b>2021</b> , 13,	0
116	An Explanation for the Adiponectin Paradox.. <b>2021</b> , 14,	2
115	S1P Signalling Axis Is Necessary for Adiponectin-Directed Regulation of Electrophysiological Properties and Oxidative Metabolism in C2C12 Myotubes.. <b>2022</b> , 11,	1
114	Cytokines and parturition: investigating adiponectin, TNF- $\alpha$ and IL-6 in mother-newborn pairs.. <b>2022</b> , 1-8	
113	Organokines and Exosomes: Integrators of Adipose Tissue Macrophage Polarization and Recruitment in Obesity.. <b>2022</b> , 13, 839849	1
112	The interaction between glycemic index, glycemic load, and the genetic variant ADIPOQ T45G (rs2241766) in the risk of colorectal cancer: a case-control study in a Korean population.. <b>2022</b> , 1	
111	Comparison of Peripheral Biomarkers and Reduction of Stress Response in Patients With Major Depressive Disorders vs. Panic Disorder.. <b>2022</b> , 13, 842963	0
110	Indapamide Increases IRS1 Expression and Modifies Adiponectin/NLRP3/PPAR $\alpha$ Crosstalk in Type 2 Diabetic Rats.. <b>2022</b> , 11,	0
109	Concentrated fish oil ameliorates non-alcoholic fatty liver disease by regulating FGF21-adiponectin axis. <b>2022</b> , 111659	1
108	Involvement of caveolae in hyperglycemia-induced changes in adiponectin and leptin expressions in vascular smooth muscle cells.. <b>2021</b> , 174701	
107	CDKN2C expression in adipose tissue is reduced in type II diabetes and central obesity: impact on adipocyte differentiation and lipid storage?. <b>2021</b> ,	0
106	Mechanism of Action of Cyanidin 3-O-Glucoside in Gluconeogenesis and Oxidative Stress-Induced Cancer Cell Senescence.. <b>2022</b> , 11,	0
105	Noradrenaline and ATP regulate adiponectin exocytosis in white adipocytes: Disturbed adrenergic and purinergic signalling in obese and insulin-resistant mice.. <b>2022</b> , 549, 111619	0
104	Astaxanthin as a Novel Mitochondrial Regulator: A New Aspect of Carotenoids, beyond Antioxidants.. <b>2021</b> , 14,	4



103	Understanding diabetes-induced cardiomyopathy from the perspective of renin angiotensin aldosterone system.. <b>2021</b> , 474, 63	1
102	Plasma levels of sirtuin and adiponectin in patients with primary open-angle glaucoma, exfoliative glaucoma, and healthy controls. <b>2021</b> , 11206721211065216	0
101	Association of circulating leptin, adiponectin, and resistin concentrations with long-term breast cancer prognosis in a German patient cohort. <b>2021</b> , 11, 23526	0
100	Integrative genomic analyses in adipocytes implicate DNA methylation in human obesity and diabetes.	0
99	Endothelial NOX5 Expression Modulates Thermogenesis and Lipolysis in Mice Fed with a High-Fat Diet and 3T3-L1 Adipocytes through an Interleukin-6 Dependent Mechanism.. <b>2021</b> , 11,	0
98	Remodeling and Fibrosis of the Cardiac Muscle in the Course of Obesity-Pathogenesis and Involvement of the Extracellular Matrix.. <b>2022</b> , 23,	3
97	Pathophysiological Link between Insulin Resistance and Adrenal Incidentalomas.. <b>2022</b> , 23,	0
96	The role of adipokines in the development of adipose tissue dysfunction and other metabolic disorders. <b>2022</b> , 24, 209-218	
95	Mechanisms underlying the effects of caloric restriction on hypertension.. <b>2022</b> , 200, 115035	0
94	Image_1.jpg. <b>2020</b> ,	
93	Image_2.JPEG. <b>2020</b> ,	
92	Table_1.XLSX. <b>2020</b> ,	
91	Data_Sheet_1.PDF. <b>2019</b> ,	
90	Data_Sheet_1.docx. <b>2018</b> ,	
89	Table_1.DOCX. <b>2019</b> ,	
88	Difference in the ratio of high-molecular weight (HMW) to total adiponectin and HMW adiponectin in late post-menopausal women. <b>2013</b> , 36, 982-5	1
87	Discriminatory Value of Adiponectin to Leptin Ratio for COVID-19 Pneumonia.. <b>2022</b> , 2022, 9908450	1
86	Assessment of Adiponectin and Resistin Indexes Compared to FBG and Useful as Diagnostic Biomarkers in Insulin Resistance and Type 2 Diabetes. <b>2022</b> , 10, 853-856	

- 85 Fasting Serum IGFBP-1 as a Marker of Insulin Resistance in Diverse School Age Groups.. **2022**, 13, 840361
- 84 Alterations in metabolic biomarkers and their potential role in amyotrophic lateral sclerosis.. **2022**, ○
- 83 Yogurt-derived *Lactobacillus plantarum* Q16 alleviated high-fat diet-induced non-alcoholic fatty liver disease in mice. **2022**, 11, 1428-1439 ○
- 82 Role of Hypertension and Hyperlipidemia in the Pathogenesis of Dementia. **2022**, 251-272
- 81 Impact of obesity on Barrett's esophagus and esophageal adenocarcinoma. **2022**, 49-59 ○
- 80 Sirtuins as therapeutic targets for improving delayed wound healing in diabetes. 1-16 ○
- 79 A Review of the Potential Consequences of Pearl Millet (*Pennisetum glaucum*) for Diabetes Mellitus and Other Biomedical Applications. **2022**, 14, 2932 1
- 78 Pancreatic Cancer and the Obesity Epidemic: A Narrative Review. **2022**, ○
- 77 Macronutrient profile in milk replacer or a whole milk powder modulates growth performance, feeding behavior, and blood metabolites in ad libitum-fed calves. **2022**, ○
- 76 Celecoxib-mediated attenuation of non-alcoholic steatohepatitis is potentially relevant to redistributing the expression of adiponectin receptors in rats. **2022**, 8, e09872
- 75 The genetics of bipolar disorder with obesity and type 2 diabetes. **2022**, 313, 222-231 ○
- 74 Adiponectin Can Be an Early Predictable Marker for Type 2 Diabetes Mellitus and Nephropathy. **2022**,
- 73 Association between urine cobalt and prevalence of kidney stones in Americans aged ≥20 years old. ○
- 72 Measures of insulin sensitivity, leptin, and adiponectin concentrations in cats in diabetic remission compared to healthy control cats. 9,
- 71 Global research trends on the links between insulin resistance and obesity: a visualization analysis. **2022**, 7, ○
- 70 Leptin and adiponectin regulate the activity of nuclei involved in sleep-wake cycle in male rats. 16, ○
- 69 Adiponectin gene polymorphisms and posttraumatic stress disorder symptoms among female rape survivors: an exploratory study. **2022**, 13,
- 68 Association between Molecular Mechanisms and Tooth Eruption in Children with Obesity. **2022**, 9, 1209 ○

- 67 Effects of Extracellular Vesicles from Osteogenic Differentiated Human BMSCs on Osteogenic and Adipogenic Differentiation Capacity of Native Human BMSCs. **2022**, 11, 2491 ○
- 66 The mediating role of maternal metabolites between lipids and adverse pregnancy outcomes of gestational diabetes mellitus. **9**, ○
- 65 Linoleate-Rich Safflower Oil Diet Increases Linoleate-Derived Bioactive Lipid Mediators in Plasma, and Brown and White Adipose Depots of Healthy Mice. **2022**, 12, 743 ○
- 64 The Role of Adiponectin in the Resolution of Male-Obesity-Associated Secondary Hypogonadism after Metabolic Surgery and Its Impact on Cardiovascular Risk. **2022**, 10, 2000 ○
- 63 Targeting adipokines in polycystic ovary syndrome and related metabolic disorders: from experimental insights to clinical studies. **2022**, 108284 ○
- 62 Fibroblast Growth Factor-Based Pharmacotherapies for the Treatment of Obesity-Related Metabolic Complications. **2023**, 63, ○
- 61 Adiponectin and adiponectin receptors in common carp (*Cyprinus carpio*): Tissue distribution and their expressions in response to high-carbohydrate and high-lipid diets. **2022**, 27, 101341 ○
- 60 Clinical characteristics and efficacy of pioglitazone in a Japanese patient with familial partial lipodystrophy due to peroxisome proliferator-activated receptor  $\alpha$  gene mutation. **2022**, ○
- 59 Effects of nut consumption on the inhibition of obesity-related endothelial cell dysfunction and prevention of cardiovascular diseases. **2022**, 1-39 ○
- 58 Beslenme Faktörlerinin Obeziteye Bağlı Komplikasyonlar Üzerindeki Etkisi: Hipotiroidizm, Dislipidemi ve Hormonal Dengesizlik. **2022**, 6, 177-186 ○
- 57 Adipokines from white adipose tissue in regulation of whole body energy homeostasis. **2022**, 1 ○
- 56 Beneficial Effects of Table Grape Use on Serum Levels of Omega-3 Index and Liver Function: A Randomized Controlled Clinical Trial. **2022**, 10, 2310 ○
- 55 Mapping the global research landscape on insulin resistance: Visualization and bibliometric analysis. **2022**, 13, 786-798 ○
- 54 Sex differences in predictive factors for onset of type 2 diabetes in Japanese individuals: A 15-year follow-up study. ○
- 53 Inhibitory Effects of Hydrolysable Tannins on Lipid Accumulation in 3T3-L1 Cells. **2022**, 45, 1458-1465 1
- 52 Mechanistic insights into the effects of Astaxanthin on lipid profile and glucose homeostasis parameters: A systematic review of animal and clinical trial studies. **2022**, ○
- 51 Body fatness associations with cancer: evidence from recent epidemiological studies and future directions. **2022**, 137, 155326 ○
- 50 Adipokines as Regulators of Autophagy in Obesity-Linked Cancer. **2022**, 11, 3230 ○

49	Role of microRNA in Endocrine Disruptor-Induced Immunomodulation of Metabolic Health. <b>2022</b> , 12, 1034	0
48	Serum Adiponectin, a Novel Biomarker Correlates with Skin Thickness in Systemic Sclerosis. <b>2022</b> , 12, 1737	0
47	New Insights into Adiponectin and Leptin Roles in Chronic Kidney Disease. <b>2022</b> , 10, 2642	0
46	Inhibitors of DNA Methylation. <b>2022</b> , 471-513	0
45	Hidradenitis Suppurativa. <b>2022</b> , 153-179	0
44	A Study of Correlation of Adiponectin Levels in Metabolic Syndrome.	0
43	Obesity and Chronic Kidney Disease.	2
42	Mendelian randomization study reveals a causal relationship between adiponectin and LDL cholesterol in Africans. <b>2022</b> , 12,	0
41	Adiponectin and metabolic cardiovascular diseases: Therapeutic opportunities and challenges. <b>2022</b> ,	0
40	Interplay of dietary antioxidants and gut microbiome in human health: What has been learnt thus far?. <b>2023</b> , 100, 105365	1
39	Identification of a novel adiponectin receptor and opioid receptor dual acting agonist as a potential treatment for diabetic neuropathy. <b>2023</b> , 158, 114141	0
38	Adipose Muscle crosstalk in age-related metabolic disorders: The emerging roles of adipo-myokines. <b>2023</b> , 84, 101829	0
37	Association of circulatory adiponectin with the parameters of Madras Diabetes Research Foundation-Indian Diabetes Risk Score. <b>2022</b> , 13, 331	0
36	Effects of Cilostazol on Angiogenesis in Diabetes through Adiponectin/Adiponectin Receptors/Sirtuin1 Signaling Pathway. <b>2022</b> , 23, 14839	0
35	Discovery of Pan-peroxisome Proliferator-Activated Receptor Modulators from an Endolichenic Fungus, <i>Daldinia childiae</i> . <b>2022</b> , 85, 2804-2816	0
34	A 60-Day Green Tea Extract Supplementation Counteracts the Dysfunction of Adipose Tissue in Overweight Post-Menopausal and Class I Obese Women. <b>2022</b> , 14, 5209	1
33	Role of insulin-like growth factor, pro-inflammatory and anti-inflammatory cytokines, transcription factors and adipokines in development of hepatocellular carcinoma in metabolic syndrome. <b>2022</b> , 24, 1109-1118	0
32	Causal association between adiponectin and the risk of Alzheimer's disease: A Mendelian randomization study. 13,	0

- 31 Probiotic Yogurt Alleviates High-Fat Diet-Induced Lipid Accumulation and Insulin Resistance in Mice via the Adiponectin Pathway. ○
- 30 Sex- and Age-Dependent Changes in the Adiponectin/Leptin Ratio in Experimental Diet-Induced Obesity in Mice. **2023**, 15, 73 ○
- 29 Plasma free amino acid profiles are associated with serum high molecular weight adiponectin levels in Japanese medical check-up population without type 2 diabetes mellitus. ○
- 28 Cytokines and regulation of glucose and lipid metabolism in the obesity. **2023**, 19, 317-323 ○
- 27 Associations between Conventional and Emerging Indicators of Dietary Carbohydrate Quality and New-Onset Type 2 Diabetes Mellitus in Chinese Adults. **2023**, 15, 647 ○
- 26 Efficient production of recombinant human adiponectin in egg white using genome edited chickens. 9, 1
- 25 Effects of Coix seed extract, *Lactobacillus paracasei* K56, and their combination on the glycolipid metabolism in obese mice. ○
- 24 Exposure to Heavy Metals and Serum Adiponectin Levels among Workers: A 2-Year Follow-Up Study. **2023**, 13, 158 ○
- 23 Exposure to novel brominated and organophosphate flame retardants and associations with type 2 diabetes in East China: A case-control study. **2023**, 871, 162107 ○
- 22 Current progress in the hypoglycemic mechanisms of natural polysaccharides. ○
- 21 Apple Peel Supplementation Potential in Metabolic Syndrome Prevention. **2023**, 13, 753 ○
- 20 Plasma free amino acid profiles are associated with serum high molecular weight adiponectin levels in Japanese medical check-up population without type 2 diabetes mellitus. ○
- 19 COVID-19: Mechanisms, risk factors, genetics, non-coding RNAs and neurologic impairments. **2023**, 8, 240-254 ○
- 18 Effects of tomato ketchup and tomato paste extract on hepatic lipid accumulation and adipogenesis. ○
- 17 The role of vasoactive peptides in skin homeostasis: Focus on adiponectin and the kallikrein-kinin system. **2023**, 324, C741-C756 ○
- 16 Adiponectin/Leptin ratio for the early detection of lean non-alcoholic fatty liver disease independent of insulin resistance. **2023**, 55, 634-642 ○
- 15 Promotion of healthy adipose tissue remodeling ameliorates muscle inflammation in a mouse model of sarcopenic obesity. 10, ○
- 14 Efficacy of 3 months of additional pioglitazone treatment in type 2 diabetes patients with alcoholic fatty liver disease. ○

- 13 Distinct roles of ADIPOR1 and ADIPOR2: A pan-cancer analysis. 14,
- 12 AdipoRon accelerates bone repair of calvarial defect in diet-induced obesity mice. **2023**, 9, e13975
- 11 Identification of Putative Molecules for Adiponectin and Adiponectin Receptor and Their Roles in Learning and Memory in *Lymnaea stagnalis*. **2023**, 12, 375
- 10 Daily phytate intake increases adiponectin levels among patients with diabetes type 2: a randomized crossover trial. **2023**, 13,
- 9 Causal Relationships Between Glycemic Traits and Myopia. **2023**, 64, 7
- 8 Inverse association between glucose variability and body fat in type 2 diabetes with impaired endogenous insulin secretion assessed using continuous glucose monitoring: A prospective observational study.
- 7 Associations of Three-Dimensional Anthropometric Body Surface Scanning Measurements and Coronary Artery Disease. **2023**, 59, 570
- 6 Effects and possible mechanisms of intermittent fasting on health and disease: a narrative review.
- 5 Adiponectin-mediated promotion of CD44 suppresses diabetic vascular inflammatory effects. **2023**, 26, 106428
- 4 The associations of gut microbiota, endocrine system and bone metabolism. 14,
- 3 ~~11~~ **2016**, 23-27
- 2 Skeptical Look at the Clinical Implication of Metabolic Syndrome in Childhood Obesity. **2023**, 10, 735
- 1 Single-cell analysis of white adipose tissue reveals the tumor-promoting adipocyte subtypes.