Christos S Mantzoros

List of Publications by Year
in descending order

480	48,042	950 115	2330 199
papers	citations	h-index	g-index

483	483	483	41230
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Role of leptin in the neuroendocrine response to fasting. Nature, 1996, 382, 250-252.	13.7	2,865
2	Adverse metabolic and cardiovascular consequences of circadian misalignment. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 4453-4458.	3.3	1,770
3	Recombinant Human Leptin in Women with Hypothalamic Amenorrhea. New England Journal of Medicine, 2004, 351, 987-997.	13.9	821
4	Obesity and cancer risk: Emerging biological mechanisms and perspectives. Metabolism: Clinical and Experimental, 2019, 92, 121-135.	1.5	821
5	FNDC5 and irisin in humans: I. Predictors of circulating concentrations in serum and plasma and II. mRNA expression and circulating concentrations in response to weight loss and exercise. Metabolism: Clinical and Experimental, 2012, 61, 1725-1738.	1.5	812
6	Mediterranean Diet and Incidence of and Mortality From Coronary Heart Disease and Stroke in Women. Circulation, 2009, 119, 1093-1100.	1.6	688
7	Severe obesity, increasing age and male sex are independently associated with worse in-hospital outcomes, and higher in-hospital mortality, in a cohort of patients with COVID-19 in the Bronx, New York. Metabolism: Clinical and Experimental, 2020, 108, 154262.	1.5	682
8	Obesity and nonalcoholic fatty liver disease: From pathophysiology to therapeutics. Metabolism: Clinical and Experimental, 2019, 92, 82-97.	1.5	679
9	Human leptin levels are pulsatile and inversely related to pituitaryâ€“adrenal function. Nature Medicine, 1997, 3, 575-579.	15.2	637
10	The Role of Adiponectin in Cancer: A Review of Current Evidence. Endocrine Reviews, 2012, 33, 547-594.	8.9	532
11	Leptin and reproduction: a review. Fertility and Sterility, 2002, 77, 433-444.	0.5	515
12	Circulating Resistin Levels Are Not Associated with Obesity or Insulin Resistance in Humans and Are Not Regulated by Fasting or Leptin Administration: Cross-Sectional and Interventional Studies in Normal, Insulin-Resistant, and Diabetic Subjects. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 4848-4856.	1.8	500
13	Leptin in Immunology. Journal of Immunology, 2005, 174, 3137-3142.	0.4	500
14	Narrative Review: The Role of Leptin in Human Physiology: Emerging Clinical Applications. Annals of Internal Medicine, 2010, 152, 93.	2.0	499
15	The Role of Leptin in Human Obesity and Disease: A Review of Current Evidence. Annals of Internal Medicine, 1999, 130, 671.	2.0	490
16	Adiponectin and Breast Cancer Risk. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 1102-1107.	1.8	488
17	The role of falling leptin levels in the neuroendocrine and metabolic adaptation to short-term starvation in healthy men. Journal of Clinical Investigation, 2003, 111, 1409-1421.	3.9	468
18	Leptin in human physiology and pathophysiology. American Journal of Physiology - Endocrinology and Metabolism, 2011, 301, E567-E584.	1.8	458

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19	Low Plasma Adiponectin Levels and Risk of Colorectal Cancer in Men: A Prospective Study. Journal of the National Cancer Institute, 2005, 97, 1688-1694.	3.0	449
20	Dietary Patterns and Risk of Mortality From Cardiovascular Disease, Cancer, and All Causes in a Prospective Cohort of Women. Circulation, 2008, 118, 230-237.	1.6	438
21	Circulating Irisin in Relation to Insulin Resistance and the Metabolic Syndrome. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 4899-4907.	1.8	409
22	Physiology and role of irisin in glucose homeostasis. Nature Reviews Endocrinology, 2017, 13, 324-337.	4.3	403
23	Serum Adiponectin Levels Are Inversely Associated with Overall and Central Fat Distribution but Are Not Directly Regulated by Acute Fasting or Leptin Administration in Humans: Cross-Sectional and Interventional Studies. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 4823-4831.	1.8	396
24	Body Fat Mass and Macronutrient Intake in Relation to Circulating Soluble Leptin Receptor, Free Leptin Index, Adiponectin, and Resistin Concentrations in Healthy Humans. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 1730-1736.	1.8	374
25	Circulating Adiponectin and Resistin Levels in Relation to Metabolic Factors, Inflammatory Markers, and Vascular Reactivity in Diabetic Patients and Subjects at Risk for Diabetes. Diabetes Care, 2004, 27, 2450-2457.	4.3	374
26	Non-alcoholic fatty liver disease and dyslipidemia: An update. Metabolism: Clinical and Experimental, 2016, 65, 1109-1123.	1.5	363
27	A Longitudinal Assessment of Hormonal and Physical Alterations during Normal Puberty in Boys. V. Rising Leptin Levels May Signal the Onset of Puberty1. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 1066-1070.	1.8	352
28	From leptin to other adipokines in health and disease: Facts and expectations at the beginning of the 21st century. Metabolism: Clinical and Experimental, 2015, 64, 131-145.	1.5	332
29	Effect of Lifestyle Modification on Adipokine Levels in Obese Subjects with Insulin Resistance. Obesity, 2003, 11, 1048-1054.	4.0	326
30	Role of leptin in energy-deprivation states: normal human physiology and clinical implications for hypothalamic amenorrhoea and anorexia nervosa. Lancet, The, 2005, 366, 74-85.	6.3	324
31	Adiponectin in insulin resistance: lessons from translational research. American Journal of Clinical Nutrition, 2010, 91, 258S-261S.	2.2	324
32	Drug Insight: the role of leptin in human physiology and pathophysiologyâ€"emerging clinical applications. Nature Clinical Practice Endocrinology and Metabolism, 2006, 2, 318-327.	2.9	310
33	Adiponectin in relation to malignancies: a review of existing basic research and clinical evidence. American Journal of Clinical Nutrition, 2007, 86, 858S-866S.	2.2	300
34	Diurnal and Ultradian Dynamics of Serum Adiponectin in Healthy Men: Comparison with Leptin, Circulating Soluble Leptin Receptor, and Cortisol Patterns. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 2838-2843.	1.8	299
35	Cohort Profile: Project Viva. International Journal of Epidemiology, 2015, 44, 37-48.	0.9	275
36	Hormonal Predictors of Prostate Cancer: A Meta-Analysis. Journal of Clinical Oncology, 2000, 18, 847-847.	0.8	273

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37	The role of falling leptin levels in the neuroendocrine and metabolic adaptation to short-term starvation in healthy men. Journal of Clinical Investigation, 2003, 111, 1409-1421.	3.9	266
38	Exercise-Induced Irisin Secretion Is Independent of Age or Fitness Level and Increased Irisin May Directly Modulate Muscle Metabolism Through AMPK Activation. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E2154-E2161.	1.8	263
39	Obesity as a Disease. Medical Clinics of North America, 2018, 102, 13-33.	1.1	256
40	Adipokines in nonalcoholic fatty liver disease. Metabolism: Clinical and Experimental, 2016, 65, 1062-1079.	1.5	250
41	Plasma Adiponectin Concentrations and Risk of Incident Breast Cancer. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 1510-1516.	1.8	248
42	Circulating Adiponectin and Endometrial Cancer Risk. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 1160-1163.	1.8	247
43	Leptin is an effective treatment for hypothalamic amenorrhea. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 6585-6590.	3.3	245
44	A 2022 update on the epidemiology of obesity and a call to action: as its twin COVID-19 pandemic appears to be receding, the obesity and dysmetabolism pandemic continues to rage on. Metabolism: Clinical and Experimental, 2022, 133, 155217.	1.5	238
45	Clinical Care Pathway for the Risk Stratification and Management of Patients With Nonalcoholic Fatty Liver Disease. Gastroenterology, 2021, 161, 1657-1669.	0.6	229
46	Leptin Concentrations in Relation to Body Mass Index and the Tumor Necrosis Factor-Î± System in Humans1. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 3408-3413.	1.8	226
47	Regulation of Circulating Soluble Leptin Receptor Levels By Gender, Adiposity, Sex Steroids, and Leptin : Observational and Interventional Studies in Humans. Diabetes, 2002, 51, 2105-2112.	0.3	225
48	Leptin in human physiology and therapeutics. Frontiers in Neuroendocrinology, 2010, 31, 377-393.	2.5	223
49	Plasma Adiponectin Concentrations in Relation to Endometrial Cancer: A Case-Control Study in Greece. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 993-997.	1.8	219
50	Cord Blood Leptin and Adiponectin as Predictors of Adiposity in Children at 3 Years of Age: A Prospective Cohort Study. Pediatrics, 2009, 123, 682-689.	1.0	215
51	The Q223R Polymorphism of the Leptin Receptor Gene Is Significantly Associated with Obesity and Predicts a Small Percentage of Body Weight and Body Composition Variability. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 4434-4439.	1.8	214
52	Energy Homeostasis, Obesity and Eating Disorders: Recent Advances in Endocrinology. Journal of Nutrition, 2004, 134, 295-298.	1.3	214
53	Leptin's Role in Lipodystrophic and Nonlipodystrophic Insulin-Resistant and Diabetic Individuals. Endocrine Reviews, 2013, 34, 377-412.	8.9	212
54	Independent Circadian and Sleep/Wake Regulation of Adipokines and Glucose in Humans. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 2537-2544.	1.8	211

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55	Lipodystrophy: pathophysiology and advances in treatment. Nature Reviews Endocrinology, 2011, 7, 137-150.	4.3	208
56	The use of statins alone, or in combination with pioglitazone and other drugs, for the treatment of non-alcoholic fatty liver disease/non-alcoholic steatohepatitis and related cardiovascular risk. An Expert Panel Statement. Metabolism: Clinical and Experimental, 2017, 71, 17-32.	1.5	208
57	Hypoadiponectinemia Is Associated with Insulin Resistance, Hypertriglyceridemia, and Fat Redistribution in Human Immunodeficiency Virus-Infected Patients Treated with Highly Active Antiretroviral Therapy. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 627-636.	1.8	207
58	Leptin Receptor Expression and Signaling in Lymphocytes: Kinetics During Lymphocyte Activation, Role in Lymphocyte Survival, and Response to High Fat Diet in Mice. Journal of Immunology, 2006, 176, 7745-7752.	0.4	207
59	Total and High-Molecular-Weight Adiponectin in Breast Cancer:In Vitroandin VivoStudies. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 1041-1048.	1.8	207
60	Synchronicity of Frequently Sampled Thyrotropin (TSH) and Leptin Concentrations in Healthy Adults and Leptin-Deficient Subjects: Evidence for Possible Partial TSH Regulation by Leptin in Humans. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 3284-3291.	1.8	199
61	Role of Leptin in Reproduction. Annals of the New York Academy of Sciences, 2000, 900, 174-183.	1.8	198
62	Circulating Adiponectin Levels Are Associated with Better Glycemic Control, More Favorable Lipid Profile, and Reduced Inflammation in Women with Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 4542-4548.	1.8	193
63	The role of leptin in regulating bone metabolism. Metabolism: Clinical and Experimental, 2015, 64, 105-113.	1.5	193
64	Effects of Acute and Chronic Administration of the Melanocortin Agonist MTII in Mice With Diet-Induced Obesity. Diabetes, 2002, 51, 1337-1345.	0.3	190
65	Differential regulation of metabolic, neuroendocrine, and immune function by leptin in humans. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 8481-8486.	3.3	188
66	Differential expression of hypothalamic neuropeptides in the early phase of diet-induced obesity in mice. American Journal of Physiology - Endocrinology and Metabolism, 2000, 279, E838-E845.	1.8	186
67	Statin treatment and new-onset diabetes: A review of proposed mechanisms. Metabolism: Clinical and Experimental, 2014, 63, 735-745.	1.5	186
68	Circulating leptin in non-alcoholic fatty liver disease: a systematic review and meta-analysis. Diabetologia, 2016, 59, 30-43.	2.9	186
69	Cerebrospinal Fluid Leptin in Anorexia Nervosa: Correlation with Nutritional Status and Potential Role in Resistance to Weight Gain1. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 1845-1851.	1.8	185
70	Pharmacotherapy of obesity: Available medications and drugs under investigation. Metabolism: Clinical and Experimental, 2019, 92, 170-192.	1.5	184
71	Insulin-Like Growth Factor-I in Relation to Premenopausal Ductal Carcinoma in Situ of the Breast. Epidemiology, 1998, 9, 570-573.	1.2	180
72	Total and High-Molecular-Weight Adiponectin and Resistin in Relation to the Risk for Type 2 Diabetes in Women. Annals of Internal Medicine, 2008, 149, 307.	2.0	180

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73	Covid-19 and Disparities in Nutrition and Obesity. New England Journal of Medicine, 2020, 383, e69.	13.9	180
74	Irisin in patients with nonalcoholic fatty liver disease. Metabolism: Clinical and Experimental, 2014, 63, 207-217.	1.5	179
75	Leptin at the Intersection of Neuroendocrinology and Metabolism: Current Evidence and Therapeutic Perspectives. Cell Metabolism, 2013, 18, 29-42.	7.2	178
76	Irisin in metabolic diseases. Endocrine, 2018, 59, 260-274.	1.1	178
77	Adherence to the Mediterranean dietary pattern is positively associated with plasma adiponectin concentrations in diabetic women1â€“3. American Journal of Clinical Nutrition, 2006, 84, 328-335.	2.2	176
78	GLP-1 receptors exist in the parietal cortex, hypothalamus and medulla of human brains and the GLP-1 analogue liraglutide alters brain activity related to highly desirable food cues in individuals with diabetes: a crossover, randomised, placebo-controlled trial. Diabetologia, 2016, 59, 954-965.	2.9	176
79	Leptin applications in 2015. Current Opinion in Endocrinology, Diabetes and Obesity, 2015, 22, 353-359.	1.2	170
80	Leptin in nonalcoholic fatty liver disease: A narrative review. Metabolism: Clinical and Experimental, 2015, 64, 60-78.	1.5	170
81	Cord Blood Leptin and Insulin-Like Growth Factor Levels are Independent Predictors of Fetal Growth. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 935-938.	1.8	168
82	Leptin: in search of role(s) in human physiology and pathophysiology. Clinical Endocrinology, 1998, 49, 551-567.	1.2	163
83	Serum Adiponectin Concentrations and Tissue Expression of Adiponectin Receptors Are Reduced in Patients with Prostate Cancer: A Case Control Study. Cancer Epidemiology Biomarkers and Prevention, 2007, 16, 308-313.	1.1	160
84	Recombinant Methionyl Human Leptin Therapy in Replacement Doses Improves Insulin Resistance and Metabolic Profile in Patients with Lipoatrophy and Metabolic Syndrome Induced by the Highly Active Antiretroviral Therapy. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 2605-2611.	1.8	159
85	Leptin Concentrations in the Polycystic Ovary Syndrome1. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 1687-1691.	1.8	156
86	Adherence to the Mediterranean dietary pattern is positively associated with plasma adiponectin concentrations in diabetic women. American Journal of Clinical Nutrition, 2006, 84, 328-335.	2.2	156
87	Leptin in humans: lessons from translational research. American Journal of Clinical Nutrition, 2009, 89, 991S-997S.	2.2	156
88	Plasma irisin levels progressively increase in response to increasing exercise workloads in young, healthy, active subjects. European Journal of Endocrinology, 2014, 171, 343-352.	1.9	155
89	Sex Differences in Circulating Human Leptin Pulse Amplitude: Clinical Implications1. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 4140-4147.	1.8	154
90	IGF-I and IGF-II in relation to colorectal cancer. , 1999, 83, 15-17.		153

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91	Irisin in Response to Exercise in Humans With and Without Metabolic Syndrome. Journal of Clinical Endocrinology and Metabolism, 2015, 100, E453-E457.	1.8	150
92	Pharmacological concentrations of irisin increase cell proliferation without influencing markers of neurite outgrowth and synaptogenesis in mouse H19-7 hippocampal cell lines. Metabolism: Clinical and Experimental, 2013, 62, 1131-1136.	1.5	149
93	Dietary factors in relation to rheumatoid arthritis: a role for olive oil and cooked vegetables?. American Journal of Clinical Nutrition, 1999, 70, 1077-1082.	2.2	148
94	Empagliflozin Attenuates Non-Alcoholic Fatty Liver Disease (NAFLD) in High Fat Diet Fed ApoE(-/-) Mice by Activating Autophagy and Reducing ER Stress and Apoptosis. International Journal of Molecular Sciences, 2021, 22, 818.	1.8	147
95	Long-term metreleptin treatment increases bone mineral density and content at the lumbar spine of lean hypoleptinemic women. Metabolism: Clinical and Experimental, 2011, 60, 1211-1221.	1.5	145
96	Zinc May Regulate Serum Leptin Concentrations in Humans. Journal of the American College of Nutrition, 1998, 17, 270-275.	1.1	144
97	Pharmacotherapy of type 2 diabetes: An update. Metabolism: Clinical and Experimental, 2018, 78, 13-42.	1.5	144
98	Diabetes and Risk of Endometrial Cancer: A Population-Based Prospective Cohort Study. Cancer Epidemiology Biomarkers and Prevention, 2007, 16, 276-280.	1.1	143
99	Sleep Duration and Snoring in Relation to Biomarkers of Cardiovascular Disease Risk Among Women With Type 2 Diabetes. Diabetes Care, 2007, 30, 1233-1240.	4.3	139
100	Coffee Consumption Is Associated With Higher Plasma Adiponectin Concentrations in Women With or Without Type 2 Diabetes. Diabetes Care, 2008, 31, 504-507.	4.3	138
101	Commentary: COVID-19 in patients with diabetes. Metabolism: Clinical and Experimental, 2020, 107, 154217.	1.5	136
102	Adipose tissue, obesity and non-alcoholic fatty liver disease. Minerva Endocrinology, 2017, 42, 92-108.	0.6	135
103	Circulating Irisin in Healthy, Young Individuals: Day-Night Rhythm, Effects of Food Intake and Exercise, and Associations With Gender, Physical Activity, Diet, and Body Composition. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 3247-3255.	1.8	133
104	Effect of dieting on plasma leptin, soluble leptin receptor, adiponectin and resistin levels in healthy volunteers. Clinical Endocrinology, 2004, 61, 332-338.	1.2	132
105	The role of the fat mass and obesity associated gene (FTO) in breast cancer risk. BMC Medical Genetics, 2011, 12, 52.	2.1	132
106	Leptin and Amylin Act in an Additive Manner to Activate Overlapping Signaling Pathways in Peripheral Tissues. Diabetes Care, 2011, 34, 132-138.	4.3	132
107	Central nervous system regulation of eating: Insights from human brain imaging. Metabolism: Clinical and Experimental, 2016, 65, 699-713.	1.5	132
108	Leptin in reproduction. Current Opinion in Endocrinology, Diabetes and Obesity, 2007, 14, 458-464.	1.2	130

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109	Impaired Autophagy Induces Chronic Atrophic Pancreatitis in Mice via Sex- and Nutrition-Dependent Processes. Gastroenterology, 2015, 148, 626-638.e17.	0.6	130
110	Efficacy of Metreleptin in Obese Patients With Type 2 Diabetes: Cellular and Molecular Pathways Underlying Leptin Tolerance. Diabetes, 2011, 60, 1647-1656.	0.3	129
111	Adiponectin, lipids and atherosclerosis. Current Opinion in Lipidology, 2017, 28, 347-354.	1.2	129
112	Regulation of adiponectin and its receptors in response to development of diet-induced obesity in mice. American Journal of Physiology - Endocrinology and Metabolism, 2007, 292, E1079-E1086.	1.8	127
113	Ghrelin Levels Are Not Regulated by Recombinant Leptin Administration and/or Three Days of Fasting in Healthy Subjects. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 335-343.	1.8	126
114	Effects of leptin and adiponectin on pancreatic Î²-cell function. Metabolism: Clinical and Experimental, 2011, 60, 1664-1672.	1.5	120
115	Association of Adipokines with Development and Progression of Nonalcoholic Fatty Liver Disease. Endocrinology and Metabolism, 2018, 33, 33.	1.3	120
116	Adiponectin Genetic Variability, Plasma Adiponectin, and Cardiovascular Risk in Patients With Type 2 Diabetes. Diabetes, 2006, 55, 1512-1516.	0.3	119
117	The Effect of the Mediterranean Diet on Metabolic Health: A Systematic Review and Meta-Analysis of Controlled Trials in Adults. Nutrients, 2020, 12, 3342.	1.7	119
118	Low adiponectin levels are associated with renal cell carcinoma: A case-control study. International Journal of Cancer, 2007, 120, 1573-1578.	2.3	117
119	Leptin in relation to carcinomaIn situ of the breast: A study of pre-menopausal cases and controls. , 1999, 80, 523-526.		116
120	Dietary Fat and Carbohydrates Are Independently Associated With Circulating Insulin-Like Growth Factor 1 and Insulin-Like Growth Factorâ€“Binding Protein 3 Concentrations in Healthy Adults. Journal of Clinical Oncology, 1999, 17, 3291-3298.	0.8	113
121	Irisin: A renaissance in metabolism?. Metabolism: Clinical and Experimental, 2013, 62, 1037-1044.	1.5	113
122	Leptin and the brain: Influences on brain development, cognitive functioning and psychiatric disorders. Metabolism: Clinical and Experimental, 2015, 64, 114-130.	1.5	112
123	Hypovitaminosis D in bariatric surgery: A systematic review of observational studies. Metabolism: Clinical and Experimental, 2016, 65, 574-585.	1.5	107
124	Effects of a 1â€year exercise and lifestyle intervention on irisin, adipokines, and inflammatory markers in obese children. Obesity, 2014, 22, 1701-1708.	1.5	106
125	Circulating Insulin Concentrations, Smoking, and Alcohol Intake Are Important Independent Predictors of Leptin in Young Healthy Men. Obesity, 1998, 6, 179-186.	4.0	105
126	Pancreatic cancer expresses adiponectin receptors and is associated with hypoleptinemia and hyperadiponectinemia: a caseâ€“control study. Cancer Causes and Control, 2009, 20, 625-633.	0.8	105

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127	Adiponectin: a link between obesity and cancer. Expert Opinion on Investigational Drugs, 2006, 15, 917-931.	1.9	104
128	Variants of the Adiponectin and Adiponectin Receptor 1 Genes and Breast Cancer Risk. Cancer Research, 2008, 68, 3178-3184.	0.4	104
129	Effects of Lipid-Lowering Drugs on Irisin in Human Subjects In Vivo and in Human Skeletal Muscle Cells Ex Vivo. PLoS ONE, 2013, 8, e72858.	1.1	104
130	Human Immunodeficiency Virus Type 1â€"Related Lipoatrophy and Lipohypertrophy Are Associated with Serum Concentrations of Leptin. Clinical Infectious Diseases, 2003, 36, 795-802.	2.9	102
131	Dietary Fibers and Glycemic Load, Obesity, and Plasma Adiponectin Levels in Women With Type 2 Diabetes. Diabetes Care, 2006, 29, 1501-1505.	4.3	102
132	Non-alcoholic fatty liver disease, insulin resistance, metabolic syndrome and their association with vascular risk. Metabolism: Clinical and Experimental, 2021, 119, 154770.	1.5	101
133	Adherence to healthy eating patterns is associated with higher circulating total and high-molecular-weight adiponectin and lower resistin concentrations in women from the Nurses' Health Study. American Journal of Clinical Nutrition, 2008, 88, 1213-24.	2.2	101
134	A prospective study of maternal prenatal weight and offspring cardiometabolic health in midchildhood. Annals of Epidemiology, 2014, 24, 793-800.e1.	0.9	100
135	Leptin as a Therapeutic Agentâ€"Trials and Tribulations. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 4000-4002.	1.8	97
136	Effect of Birth Weight and Maternal Smoking on Cord Blood Leptin Concentrations of Full-Term and Preterm Newborns1. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 2856-2861.	1.8	96
137	Leptin and the hypothalamic-pituitary regulation of the gonadotropin-gonadal axis. Pituitary, 2001, 4, 87-92.	1.6	95
138	Effect of an intensive lifestyle intervention on atrial fibrillation risk in individuals with type 2 diabetes: The Look AHEAD randomized trial. American Heart Journal, 2015, 170, 770-777.e5.	1.2	94
139	Leptin and Soluble Leptin Receptor Levels in Plasma and Risk of Type 2 Diabetes in U.S. Women. Diabetes, 2010, 59, 611-618.	0.3	93
140	Adiponectin as a target for the treatment of nonalcoholic steatohepatitis with thiazolidinediones: A systematic review. Metabolism: Clinical and Experimental, 2016, 65, 1297-1306.	1.5	92
141	Age, Sex, and Smoking Are Predictors of Circulating Insulin-Like Growth Factor 1 and Insulin-Like Growth Factorâ€"Binding Protein 3. Journal of Clinical Oncology, 1999, 17, 813-813.	0.8	91
142	Salutary effects of adiponectin on colon cancer: in vivo and in vitro studies in mice. Gut, 2013, 62, 561-570.	6.1	91
143	Circulating irisin, omentin-1, and lipoprotein subparticles in adults at higher cardiovascular risk. Metabolism: Clinical and Experimental, 2014, 63, 1265-1271.	1.5	90
144	Gene Expression of Adiponectin Receptors in Human Visceral and Subcutaneous Adipose Tissue Is Related to Insulin Resistance and Metabolic Parameters and Is Altered in Response to Physical Training. Diabetes Care, 2007, 30, 3110-3115.	4.3	89

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145	Low circulating adiponectin and resistin, but not leptin, levels are associated with multiple myeloma risk: a caseâ€“control study. Cancer Causes and Control, 2009, 20, 193-199.	0.8	89
146	Stem cells in the treatment of diabetes mellitus â€" Focus on mesenchymal stem cells. Metabolism: Clinical and Experimental, 2019, 90, 1-15.	1.5	88
147	Current and emerging pharmacological options for the treatment of nonalcoholic steatohepatitis. Metabolism: Clinical and Experimental, 2020, 111, 154203.	1.5	88
148	Association Between Primary Hypothyroidism and Nonalcoholic Fatty Liver Disease: A Systematic Review and Meta-Analysis. Thyroid, 2018, 28, 1270-1284.	2.4	87
149	Irisin in response to acute and chronic whole-body vibration exercise in humans. Metabolism: Clinical and Experimental, 2014, 63, 918-921.	1.5	86
150	Leptin in autoimmune diseases. Metabolism: Clinical and Experimental, 2015, 64, 92-104.	1.5	85
151	Walnut Consumption Increases Satiation but Has No Effect on Insulin Resistance or the Metabolic Profile Over a 4â€day Period. Obesity, 2010, 18, 1176-1182.	1.5	84
152	Omics, big data and machine learning as tools to propel understanding of biological mechanisms and to discover novel diagnostics and therapeutics. Metabolism: Clinical and Experimental, 2018, 87, A1-A9.	1.5	83
153	Non-invasive diagnosis of non-alcoholic steatohepatitis and fibrosis with the use of omics and supervised learning: A proof of concept study. Metabolism: Clinical and Experimental, 2019, 101, 154005.	1.5	83
154	Short-Term Hyperthyroidism Has No Effect on Leptin Levels in Man1. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 497-499.	1.8	79
155	Resistin is associated with biomarkers of inflammation while total and high-molecular weight adiponectin are associated with biomarkers of inflammation, insulin resistance, and endothelial function. European Journal of Endocrinology, 2010, 162, 281-288.	1.9	79
156	20 YEARS OF LEPTIN: Role of leptin in human reproductive disorders. Journal of Endocrinology, 2014, 223, T49-T62.	1.2	78
157	Walnut-enriched diet reduces fasting non-HDL-cholesterol and apolipoprotein B in healthy Caucasian subjects: A randomized controlled cross-over clinical trial. Metabolism: Clinical and Experimental, 2014, 63, 382-391.	1.5	75
158	Genome-wide association study identifies polymorphisms in LEPR as determinants of plasma soluble leptin receptor levels. Human Molecular Genetics, 2010, 19, 1846-1855.	1.4	74
159	Dietary walnut suppression of colorectal cancer in mice: Mediation by miRNA patterns and fatty acid incorporation. Journal of Nutritional Biochemistry, 2015, 26, 776-783.	1.9	74
160	Gender differences in leptin levels during puberty are related to the subcutaneous fat depot and sex steroids. American Journal of Physiology - Endocrinology and Metabolism, 1998, 275, E543-E551.	1.8	73
161	Circulating Adiponectin Levels and Expression of Adiponectin Receptors in Relation to Lung Cancer: Two Case-Control Studies. Oncology, 2007, 73, 261-269.	0.9	73
162	Adiponectin receptor expression is elevated in colorectal carcinomas but not in gastrointestinal stromal tumors. Endocrine-Related Cancer, 2008, 15, 289-299.	1.6	73

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163	Short-term administration of the GLP-1 analog liraglutide decreases circulating leptin and increases GIP levels and these changes are associated with alterations in CNS responses to food cues: A randomized, placebo-controlled, crossover study. Metabolism: Clinical and Experimental, 2016, 65, 945-953.	1.5	73
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