Steen B Pedersen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6146703/publications.pdf

Version: 2024-02-01

236 papers	12,428 citations	24978 57 h-index	32761 100 g-index
240 all docs	240 docs citations	240 times ranked	15870 citing authors

#	Article	IF	Citations
1	Regulation of adiponectin by adipose tissue-derived cytokines: in vivo and in vitro investigations in humans. American Journal of Physiology - Endocrinology and Metabolism, 2003, 285, E527-E533.	1.8	638
2	Adiponectin: action, regulation and association to insulin sensitivity. Obesity Reviews, 2005, 6, 13-21.	3.1	569
3	Monocyte Chemoattractant Protein-1 Release Is Higher in Visceral than Subcutaneous Human Adipose Tissue (AT): Implication of Macrophages Resident in the AT. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 2282-2289.	1.8	476
4	Sucrose-sweetened beverages increase fat storage in the liver, muscle, and visceral fat depot: a 6-mo randomized intervention study. American Journal of Clinical Nutrition, 2012, 95, 283-289.	2.2	476
5	High-Dose Resveratrol Supplementation in Obese Men. Diabetes, 2013, 62, 1186-1195.	0.3	402
6	Lower expression of adiponectin mRNA in visceral adipose tissue in lean and obese subjects. Molecular and Cellular Endocrinology, 2004, 219, 9-15.	1.6	283
7	Estrogen Controls Lipolysis by Up-Regulating Î±2A-Adrenergic Receptors Directly in Human Adipose Tissue through the Estrogen Receptor Î±. Implications for the Female Fat Distribution. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 1869-1878.	1.8	224
8	Long-Term AICAR Administration Reduces Metabolic Disturbances and Lowers Blood Pressure in Rats Displaying Features of the Insulin Resistance Syndrome. Diabetes, 2002, 51, 2199-2206.	0.3	223
9	Exercise training versus diet-induced weight-loss on metabolic risk factors and inflammatory markers in obese subjects: a 12-week randomized intervention study. American Journal of Physiology - Endocrinology and Metabolism, 2010, 298, E824-E831.	1.8	199
10	Expression of vitamin D-metabolizing enzymes in human adipose tissueâ€"the effect of obesity and diet-induced weight loss. International Journal of Obesity, 2013, 37, 651-657.	1.6	192
11	Effects of vitamin D supplementation on body fat accumulation, inflammation, and metabolic risk factors in obese adults with low vitamin D levels â€" Results from a randomized trial. European Journal of Internal Medicine, 2013, 24, 644-649.	1.0	185
12	Higher production of IL-8 in visceral vs. subcutaneous adipose tissue. Implication of nonadipose cells in adipose tissue. American Journal of Physiology - Endocrinology and Metabolism, 2004, 286, E8-E13.	1.8	174
13	Regional differences in triglyceride breakdown in human adipose tissue: Effects of catecholamines, insulin, and prostaglandin E2. Metabolism: Clinical and Experimental, 1991, 40, 990-996.	1.5	167
14	Increased expression of TNF-Î±, IL-6, and IL-8 in HALS: implications for reduced adiponectin expression and plasma levels. American Journal of Physiology - Endocrinology and Metabolism, 2003, 285, E1072-E1080.	1.8	165
15	Regulation of Interleukin 8 Production and Gene Expression in Human Adipose Tissue in Vitro1. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 1267-1273.	1.8	146
16	Adiponectin Receptors in Human Adipose Tissue: Effects of Obesity, Weight Loss, and Fat Depots. Obesity, 2006, 14, 28-35.	1.5	137
17	Demonstration of estrogen receptor subtypes Î± and Î² in human adipose tissue: influences of adipose cell differentiation and fat depot localization. Molecular and Cellular Endocrinology, 2001, 182, 27-37.	1.6	131
18	Regulation of Interleukin 8 Production and Gene Expression in Human Adipose Tissue in Vitro. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 1267-1273.	1.8	128

#	Article	IF	Citations
19	11Î²â€HSD Type 1 Expression in Human Adipose Tissue: Impact of Gender, Obesity, and Fat Localization. Obesity, 2007, 15, 1954-1960.	1.5	122
20	Effects of pro-inflammatory cytokines and chemokines on leptin production in human adipose tissue in vitro. Molecular and Cellular Endocrinology, 2002, 190, 91-99.	1.6	119
21	Regulation of UCP1, UCP2, and UCP3 mRNA Expression in Brown Adipose Tissue, White Adipose Tissue, and Skeletal Muscle in Rats by Estrogen. Biochemical and Biophysical Research Communications, 2001, 288, 191-197.	1.0	113
22	Resveratrol Increases Bone Mineral Density and Bone Alkaline Phosphatase in Obese Men: A Randomized Placebo-Controlled Trial. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 4720-4729.	1.8	111
23	Subcutaneous Adipocytes Can Differentiate into Bone-Forming Cellsin Vitroandin Vivo. Tissue Engineering, 2004, 10, 381-391.	4.9	110
24	Placebo-controlled, randomised clinical trial: high-dose resveratrol treatment for non-alcoholic fatty liver disease. Scandinavian Journal of Gastroenterology, 2016, 51, 456-464.	0.6	109
25	Resveratrol and inflammation: Challenges in translating pre-clinical findings to improved patient outcomes. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 1124-1136.	1.8	108
26	Anti-inflammatory effect of resveratrol on adipokine expression and secretion in human adipose tissue explants. International Journal of Obesity, 2010, 34, 1546-1553.	1.6	107
27	AICAR stimulates adiponectin and inhibits cytokines in adipose tissue. Biochemical and Biophysical Research Communications, 2004, 316, 853-858.	1.0	105
28	Satiety scores and satiety hormone response after sucrose-sweetened soft drink compared with isocaloric semi-skimmed milk and with non-caloric soft drink: a controlled trial. European Journal of Clinical Nutrition, 2012, 66, 523-529.	1.3	99
29	Characterization of regional and gender differences in glucocorticoid receptors and lipoprotein lipase activity in human adipose tissue.. Journal of Clinical Endocrinology and Metabolism, 1994, 78, 1354-1359.	1.8	97
30	Identification of steroid receptors in human adipose tissue. European Journal of Clinical Investigation, 1996, 26, 1051-1056.	1.7	95
31	No Beneficial Effects of Resveratrol on the Metabolic Syndrome: A Randomized Placebo-Controlled Clinical Trial. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 1642-1651.	1.8	94
32	Low Sirt1 expression, which is upregulated by fasting, in human adipose tissue from obese women. International Journal of Obesity, 2008, 32, 1250-1255.	1.6	93
33	Diet-Induced Weight Loss and Exercise Alone and in Combination Enhance the Expression of Adiponectin Receptors in Adipose Tissue and Skeletal Muscle, but Only Diet-Induced Weight Loss Enhanced Circulating Adiponectin. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 911-919.	1.8	91
34	Human Adipose Tissue Macrophages Are Enhanced but Changed to an Anti-Inflammatory Profile in Obesity. Journal of Immunology Research, 2014, 2014, 1-10.	0.9	91
35	Regulation of Leptin by Steroid Hormones in Rat Adipose Tissue. Biochemical and Biophysical Research Communications, 1999, 259, 624-630.	1.0	89
36	Characterization of regional and gender differences in glucocorticoid receptors and lipoprotein lipase activity in human adipose tissue. Journal of Clinical Endocrinology and Metabolism, 1994, 78, 1354-1359.	1.8	86

#	Article	IF	Citations
37	Resveratrol in metabolic health: an overview of the current evidence and perspectives. Annals of the New York Academy of Sciences, 2013, 1290, 74-82.	1.8	85
38	Identification of oestrogen receptors and oestrogen receptor mRNA in human adipose tissue. European Journal of Clinical Investigation, 1996, 26, 262-269.	1.7	83
39	Resveratrol Ameliorates Imiquimod-Induced Psoriasis-Like Skin Inflammation in Mice. PLoS ONE, 2015, 10, e0126599.	1.1	81
40	Resveratrol up-regulates hepatic uncoupling protein 2 and prevents development of nonalcoholic fatty liver disease in rats fed a high-fat diet. Nutrition Research, 2012, 32, 701-708.	1.3	79
41	Hormone replacement therapy affects body composition and leptin differently in obese and non-obese postmenopausal women. Journal of Endocrinology, 1999, 163, 55-62.	1.2	76
42	Zinc-transporter genes in human visceral and subcutaneous adipocytes: Lean versus obese. Molecular and Cellular Endocrinology, 2007, 264, 68-73.	1.6	76
43	The Macrophageâ€Specific Serum Marker, Soluble CD163, Is Increased in Obesity and Reduced After Dietaryâ€Induced Weight Loss. Obesity, 2013, 21, 2437-2443.	1.5	76
44	GLUT4 and UBC9 Protein Expression Is Reduced in Muscle from Type 2 Diabetic Patients with Severe Insulin Resistance. PLoS ONE, 2011, 6, e27854.	1.1	74
45	GH receptor signaling in skeletal muscle and adipose tissue in human subjects following exposure to an intravenous GH bolus. American Journal of Physiology - Endocrinology and Metabolism, 2006, 291, E899-E905.	1.8	73
46	Effects of in vivo estrogen treatment on adipose tissue metabolism and nuclear estrogen receptor binding in isolated rat adipocytes. Molecular and Cellular Endocrinology, 1992, 85, 13-19.	1.6	71
47	Fuel metabolism, energy expenditure, and thyroid function in growth hormone-treated obese women: A double-blind placebo-controlled study. Metabolism: Clinical and Experimental, 1994, 43, 872-877.	1.5	69
48	Effects of LPS and dietary free fatty acids on MCP-1 in 3T3-L1 adipocytes and macrophages in vitro. Nutrition and Diabetes, 2014, 4, e113-e113.	1.5	69
49	Regulation of lipoprotein lipase and hormone-sensitive lipase activity and gene expression in adipose and muscle tissue by growth hormone treatment during weight loss in obese patients. Metabolism: Clinical and Experimental, 2000, 49, 906-911.	1.5	68
50	Fasting, But Not Exercise, Increases Adipose Triglyceride Lipase (ATGL) Protein and Reduces G(0)/G(1) Switch Gene 2 (G0S2) Protein and mRNA Content in Human Adipose Tissue. Journal of Clinical Endocrinology and Metabolism, 2011, 96, E1293-E1297.	1.8	68
51	Reduced fat mass and increased lean mass in response to 1 year of melatonin treatment in postmenopausal women: A randomized placeboâ€controlled trial. Clinical Endocrinology, 2016, 84, 342-347.	1.2	67
52	FGF6 and FGF9 regulate UCP1 expression independent of brown adipogenesis. Nature Communications, 2020, 11, 1421.	5.8	67
53	Insulin and Contraction Directly Stimulate UCP2 and UCP3 mRNA Expression in Rat Skeletal Muscle in Vitro. Biochemical and Biophysical Research Communications, 2001, 283, 19-25.	1.0	63
54	Resveratrol reduces the levels of circulating androgen precursors but has no effect on, testosterone, dihydrotestosterone, PSA levels or prostate volume. A 4-month randomised trial in middle-aged men. Prostate, 2015, 75, 1255-1263.	1.2	63

#	Article	IF	Citations
55	Nuclear estradiol binding in rat adipocytes. Regional variations and regulatory influences of hormones. Biochimica Et Biophysica Acta - Molecular Cell Research, 1991, 1093, 80-86.	1.9	62
56	Effect of industrially produced trans fat on markers of systemic inflammation: evidence from a randomized trial in women. Journal of Lipid Research, 2011, 52, 1821-1828.	2.0	62
57	Acute exercise increases circulating inflammatory markers in overweight and obese compared with lean subjects. European Journal of Applied Physiology, 2013, 113, 1635-1642.	1.2	61
58	Adipose expression of adipocytokines in women with polycystic ovary syndrome. Fertility and Sterility, 2012, 98, 235-241.	0.5	59
59	The anti-diabetic AMPK activator AICAR reduces IL-6 and IL-8 in human adipose tissue and skeletal muscle cells. Molecular and Cellular Endocrinology, 2008, 292, 36-41.	1.6	58
60	Growth Hormone Signaling in Vivo in Human Muscle and Adipose Tissue: Impact of Insulin, Substrate Background, and Growth Hormone Receptor Blockade. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 2842-2850.	1.8	58
61	Comparable reduction of the visceral adipose tissue depot after a diet-induced weight loss with or without aerobic exercise in obese subjects: a 12-week randomized intervention study. European Journal of Endocrinology, 2009, 160, 759-767.	1.9	58
62	Insulin resistance after a 72-h fast is associated with impaired AS160 phosphorylation and accumulation of lipid and glycogen in human skeletal muscle. American Journal of Physiology - Endocrinology and Metabolism, 2012, 302, E190-E200.	1.8	58
63	Beta-1 and Not Beta-3 Adrenergic Receptors May Be the Primary Regulator of Human Brown Adipocyte Metabolism. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e994-e1005.	1.8	58
64	Abdominal obesity is associated with insulin resistance and reduced glycogen synthase activity in skeletal muscle. Metabolism: Clinical and Experimental, 1993, 42, 998-1005.	1.5	57
65	Systemic Administration of Insulin-Like Growth Factor I (IGF-I) Causes Growth of the Rat Prostate. Journal of Urology, 1997, 158, 222-227.	0.2	57
66	Rosiglitazone Decreases Bone Mass and Bone Marrow Fat. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 1541-1548.	1.8	57
67	Comprehensive Metabolomic Analysis in Blood, Urine, Fat, and Muscle in Men with Metabolic Syndrome: A Randomized, Placebo-Controlled Clinical Trial on the Effects of Resveratrol after Four Monthsâ€™ Treatment. International Journal of Molecular Sciences, 2017, 18, 554.	1.8	57
68	Opposite Regulation of Interleukinâ€8 and Tumor Necrosis Factorâ€Î± by Weight Loss. Obesity, 2002, 10, 499-506.	4.0	56
69	The Effect of Chronic Exposure to Fatty Acids on Gene Expression in Clonal Insulin-Producing Cells: Studies Using High Density Oligonucleotide Microarray. Endocrinology, 2001, 142, 4777-4784.	1.4	55
70	Differences in Plasminogen Activator Inhibitor 1 in Subcutaneous Versus Omental Adipose Tissue in Non-Obese and Obese Subjects. Hormone and Metabolic Research, 2003, 35, 178-182.	0.7	54
71	Inflammation Downregulates UCP1 Expression in Brown Adipocytes Potentially via SIRT1 and DBC1 Interaction. International Journal of Molecular Sciences, 2017, 18, 1006.	1.8	54
72	Human skeletal muscle CD90+ fibro-adipogenic progenitors are associated with muscle degeneration in type 2 diabetic patients. Cell Metabolism, 2021, 33, 2201-2214.e10.	7.2	54

#	Article	IF	Citations
73	Evidence of increased visceral obesity and reduced physical fitness in healthy insulin-resistant first-degree relatives of type 2 diabetic patients. European Journal of Endocrinology, 2004, 150, 207-214.	1.9	52
74	Effects of resveratrol in experimental and clinical non-alcoholic fatty liver disease. World Journal of Hepatology, 2014, 6, 188.	0.8	51
75	Regulation of Lipolysis and Adipose Tissue Signaling during Acute Endotoxin-Induced Inflammation: A Human Randomized Crossover Trial. PLoS ONE, 2016, 11, e0162167.	1.1	51
76	Growth Hormone (GH) Substitution in GH-Deficient Patients Inhibits 11Î²-Hydroxysteroid Dehydrogenase Type 1 Messenger Ribonucleic Acid Expression in Adipose Tissue. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 1093-1098.	1.8	50
77	Vitamin K2 (menaquinone-7) prevents age-related deterioration of trabecular bone microarchitecture at the tibia in postmenopausal women. European Journal of Endocrinology, 2016, 175, 541-549.	1.9	49
78	Investigations of the Anti-inflammatory Effects of Vitamin D in Adipose Tissue: Results from an In Vitro Study and a Randomized Controlled Trial. Hormone and Metabolic Research, 2013, 45, 456-462.	0.7	48
79	Adipose tissue, estradiol levels, and bone health in obese men with metabolic syndrome. European Journal of Endocrinology, 2015, 172, 205-216.	1.9	48
80	Metformin, but not Thiazolidinediones, Inhibits Plasminogen Activator Inhibitor-1 Production in Human Adipose Tissuein Vitro. Hormone and Metabolic Research, 2003, 35, 18-23.	0.7	46
81	Regulation of glycolysis in brown adipocytes by HIF-1Î±. Scientific Reports, 2017, 7, 4052.	1.6	46
82	Fat Content in Liver and Skeletal Muscle Changes in a Reciprocal Manner in Patients with Acromegaly during Combination Therapy with a Somatostatin Analog and a GH Receptor Antagonist: A Randomized Clinical Trial. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 1227-1235.	1.8	44
83	Effect of weight loss and exercise on angiogenic factors in the circulation and in adipose tissue in obese subjects. Obesity, 2013, 21, 454-460.	1.5	44
84	Growth Hormone (GH)-Induced Insulin Resistance Is Rapidly Reversible: An Experimental Study in GH-Deficient Adults. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 2548-2557.	1.8	43
85	Direct Effects of TNF-Î± on Local Fuel Metabolism and Cytokine Levels in the Placebo-Controlled, Bilaterally Infused Human Leg. Diabetes, 2013, 62, 4023-4029.	0.3	43
86	Causes of Vitamin D Deficiency and Effect of Vitamin D Supplementation on Metabolic Complications in Obesity: a Review. Current Obesity Reports, 2015, 4, 429-440.	3.5	43
87	Resveratrol has inhibitory effects on the hypoxia-induced inflammation and angiogenesis in human adipose tissue in vitro. European Journal of Pharmaceutical Sciences, 2013, 49, 251-257.	1.9	42
88	Differential expression of prostaglandin receptor mRNAs during adipose cell differentiation. Prostaglandins and Other Lipid Mediators, 1999, 57, 305-317.	1.0	41
89	Differential effects of dietary protein sources on postprandial low-grade inflammation after a single high fat meal in obese non-diabetic subjects. Nutrition Journal, 2011, 10, 115.	1.5	41
90	The Effect of High-Dose Vitamin D Supplementation on Calciotropic Hormones and Bone Mineral Density in Obese Subjects with Low Levels of Circulating 25-Hydroxyvitamin D: Results from a Randomized Controlled Study. Calcified Tissue International, 2013, 93, 69-77.	1.5	41

#	Article	IF	Citations
91	Resveratrol Increases Osteoblast Differentiation In Vitro Independently of Inflammation. Calcified Tissue International, 2016, 99, 155-163.	1.5	41
92	Survival Following a Metformin Overdose of 63 g: A Case Report. Basic and Clinical Pharmacology and Toxicology, 2003, 93, 98-99.	0.0	40
93	Relationship between sex hormones, body composition and metabolic risk parameters in premenopausal women. European Journal of Endocrinology, 1995, 133, 200-206.	1.9	38
94	Tumor necrosis factor Î± is associated with insulin-mediated suppression of free fatty acids and net lipid oxidation in HIV-infected patients with lipodystrophy. Metabolism: Clinical and Experimental, 2006, 55, 175-182.	1.5	38
95	Investigations of the human endocannabinoid system in two subcutaneous adipose tissue depots in lean subjects and in obese subjects before and after weight loss. International Journal of Obesity, 2011, 35, 1377-1384.	1.6	38
96	Differential regulation of lipid and protein metabolism in obese vs. lean subjects before and after a 72-h fast. American Journal of Physiology - Endocrinology and Metabolism, 2016, 311, E224-E235.	1.8	38
97	Impact of Growth Hormone Receptor Blockade on Substrate Metabolism during Fasting in Healthy Subjects. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 4524-4532.	1.8	37
98	Depleted skeletal muscle mitochondrial DNA, hyperlactatemia, and decreased oxidative capacity in HIV-infected patients on highly active antiretroviral therapy. Journal of Medical Virology, 2005, 77, 29-38.	2.5	36
99	Plasminogen activator inhibitor type 1 (PAI-1) in plasma and adipose tissue in HIV-associated lipodystrophy syndrome. Implications of adipokines. European Journal of Clinical Investigation, 2005, 35, 583-590.	1.7	35
100	Chronic adrenergic stimulation induces brown adipose tissue differentiation in visceral adipose tissue. Diabetic Medicine, 2015, 32, e4-8.	1.2	35
101	Metformin targets brown adipose tissue in vivo and reduces oxygen consumption in vitro. Diabetes, Obesity and Metabolism, 2018, 20, 2264-2273.	2.2	35
102	Gene Expression of a Truncated and the Full-Length Growth Hormone (GH) Receptor in Subcutaneous Fat and Skeletal Muscle in GH-Deficient Adults: Impact of GH Treatment1. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 792-796.	1.8	34
103	Estradiol acutely inhibits whole body lipid oxidation and attenuates lipolysis in subcutaneous adipose tissue: a randomized, placebo-controlled study in postmenopausal women. European Journal of Endocrinology, 2012, 167, 543-551.	1.9	34
104	Growth hormoneâ€induced insulin resistance in human subjects involves reduced pyruvate dehydrogenase activity. Acta Physiologica, 2014, 210, 392-402.	1.8	34
105	Effect of resveratrol on experimental non-alcoholic steatohepatitis. Pharmacological Research, 2015, 95-96, 34-41.	3.1	33
106	Lipoprotein lipase activity in muscle tissue influenced by fatness, fat distribution and insulin in obese females. European Journal of Clinical Investigation, 1993, 23, 226-233.	1.7	32
107	Regulation of Plasminogen Activitor Inhibitor-1 in Human Adipose Tissue: Interaction Between Cytokines, Cortisol and Estrogen. Hormone and Metabolic Research, 2000, 32, 515-520.	0.7	32
108	Bone resorption is unchanged by liraglutide in type 2 diabetes patients: A randomised controlled trial. Bone, 2020, 132, 115197.	1.4	32

#	Article	IF	Citations
109	Stimulation of PAI-1 and adipokines by glucose in human adipose tissue in vitro. Biochemical and Biophysical Research Communications, 2003, 310, 878-883.	1.0	30
110	Characterization of immortalized human brown and white pre-adipocyte cell models from a single donor. PLoS ONE, 2017, 12, e0185624.	1.1	30
111	Serum concentrations of insulin-like growth factors (IGFs), IGF binding proteins 1 and 3 and growth hormone binding protein in obese women and the effects of growth hormone administration: a double-blind, placebo-controlled study. European Journal of Endocrinology, 1995, 133, 65-70.	1.9	29
112	Serum leptin levels and leptin expression in growth hormone (GH)-deficient and healthy adults: Influence of GH treatment, gender, and fasting. Metabolism: Clinical and Experimental, 1998, 47, 1514-1519.	1.5	29
113	Continuous Glucose Monitoring After Gastric Bypass to Evaluate the Glucose Variability After a Low-Carbohydrate Diet and to Determine Hypoglycemia. Obesity Surgery, 2016, 26, 2111-2118.	1.1	29
114	Chronic maternal inflammation or high-fat-feeding programs offspring obesity in a sex-dependent manner. International Journal of Obesity, 2017, 41, 1420-1426.	1.6	29
115	No effect of resveratrol on VLDLâ€TG kinetics and insulin sensitivity in obese men with nonalcoholic fatty liver disease. Diabetes, Obesity and Metabolism, 2018, 20, 2504-2509.	2.2	29
116	Gene Expression of a Truncated and the Full-Length Growth Hormone (GH) Receptor in Subcutaneous Fat and Skeletal Muscle in GH-Deficient Adults: Impact of GH Treatment. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 792-796.	1.8	29
117	Effects of long-term total fasting and insulin on ob gene expression in obese patients. European Journal of Endocrinology, 1997, 137, 229-233.	1.9	28
118	Growth hormone affects both adiposity and voluntary food intake in old and obese female rats. European Journal of Endocrinology, 2002, 146, 121-128.	1.9	28
119	Whole body metabolic effects of prolonged endurance training in combination with erythropoietin treatment in humans: a randomized placebo controlled trial. American Journal of Physiology - Endocrinology and Metabolism, 2013, 305, E879-E889.	1.8	28
120	Anti-glucocorticoid effects of progesterone in vivo on rat adipose tissue metabolism. Steroids, 2003, 68, 543-550.	0.8	27
121	Reduced mRNA and Protein Expression of Perilipin A and G0/G1 Switch Gene 2 (G0S2) in Human Adipose Tissue in Poorly Controlled Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2012, 97, E1348-E1352.	1.8	27
122	Expression of 11Î²-hydroxysteroid dehydrogenase 1 and 2 in subcutaneous adipose tissue of lean and obese women with and without polycystic ovary syndrome. International Journal of Obesity, 2009, 33, 1249-1256.	1.6	26
123	Independent Effects of Testosterone on Lipid Oxidation and VLDL-TG Production. Diabetes, 2013, 62, 1409-1416.	0.3	26
124	Short-term resveratrol supplementation stimulates serum levels of bone-specific alkaline phosphatase in obese non-diabetic men. Journal of Functional Foods, 2014, 6, 305-310.	1.6	26
125	Impaired Insulin Suppression of VLDL-Triglyceride Kinetics in Nonalcoholic Fatty Liver Disease. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 1637-1646.	1.8	26
126	Reduction in serum fibroblast growth factor-21 after gastric bypass is related to changes in hepatic fat content. Surgery for Obesity and Related Diseases, 2017, 13, 1515-1523.	1.0	26

#	Article	IF	Citations
127	The Effect of Chronic Exposure to Fatty Acids on Gene Expression in Clonal Insulin-Producing Cells: Studies Using High Density Oligonucleotide Microarray. , 0, .		26
128	Exercise and Fasting Activate Growth Hormone-Dependent Myocellular Signal Transducer and Activator of Transcription-5b Phosphorylation and Insulin-Like Growth Factor-I Messenger Ribonucleic Acid Expression in Humans. Journal of Clinical Endocrinology and Metabolism, 2010, 95, E64-E68.	1.8	25
129	Insulin and GH Signaling in Human Skeletal Muscle In Vivo following Exogenous GH Exposure: Impact of an Oral Glucose Load. PLoS ONE, 2011, 6, e19392.	1.1	25
130	PAPP-A, IGFBP-4 and IGF-II are secreted by human adipose tissue cultures in a depot-specific manner. European Journal of Endocrinology, 2016, 175, 509-519.	1.9	25
131	Molecular adaptations in human subcutaneous adipose tissue after ten weeks of endurance exercise training in healthy males. Journal of Applied Physiology, 2019, 126, 569-577.	1.2	25
132	Growth Hormone and Obesity. Endocrinology and Metabolism Clinics of North America, 2020, 49, 239-250.	1.2	25
133	The production and regulation of IGF and IGFBPs in human adipose tissue cultures. Growth Hormone and IGF Research, 2012, 22, 200-205.	0.5	24
134	Circulating sCD36 levels in patients with non-alcoholic fatty liver disease and controls. International Journal of Obesity, 2017, 41, 262-267.	1.6	24
135	Augmented effect of short-term pulsatile versus continuous insulin delivery on lipid metabolism but similar effect on whole-body glucose metabolism in obese subjects. Metabolism: Clinical and Experimental, 1994, 43, 842-846.	1.5	23
136	Estrogen Reduces Pro-Inflammatory Cytokines in Rodent Adipose Tissue: StudiesIn vivoandIn vitro. Hormone and Metabolic Research, 2003, 35, 142-146.	0.7	23
137	Intrahepatic fat content correlates with soluble <scp>CD</scp>163 in relation to weight loss induced by <scp>R</scp>ouxâ€enâ€<scp>Y</scp> gastric bypass. Obesity, 2015, 23, 154-161.	1.5	23
138	Gene expression of the zinc transporter ZIP14 (SLC39a14) is affected by weight loss and metabolic status and associates with PPARÎ³ in human adipose tissue and 3T3-L1 pre-adipocytes. BMC Obesity, 2015, 2, 46.	3.1	23
139	Melanocortin agonists stimulate lipolysis in human adipose tissue explants but not in adipocytes. BMC Research Notes, 2015, 8, 559.	0.6	23
140	Glucose metabolism in brown adipose tissue determined by deuterium metabolic imaging in rats. International Journal of Obesity, 2020, 44, 1417-1427.	1.6	23
141	Regulation of Uncoupling Protein-2 and -3 by Growth Hormone in Skeletal Muscle and Adipose Tissue in Growth Hormone-Deficient Adults1. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 4073-4078.	1.8	22
142	Epinephrine stimulates human muscle lipoprotein lipase activity in vivo. Metabolism: Clinical and Experimental, 1999, 48, 461-464.	1.5	22
143	Regulation of leptin by thyroid hormone in humans: Studies in vivo and in vitro. Metabolism: Clinical and Experimental, 1999, 48, 1603-1607.	1.5	22
144	Gene expression in skeletal muscle after an acute intravenous GH bolus in human subjects: identification of a mechanism regulating ANGPTL4. Journal of Lipid Research, 2013, 54, 1988-1997.	2.0	22

#	Article	IF	Citations
145	LPS-Enhanced Glucose-Stimulated Insulin Secretion Is Normalized by Resveratrol. PLoS ONE, 2016, 11, e0146840.	1.1	22
146	Substrate Metabolism and Insulin Sensitivity During Fasting in Obese Human Subjects: Impact of GH Blockade. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 1340-1349.	1.8	22
147	Polyamines in rat adipocytes: Their localization and their effects on the insulin receptor binding. Molecular and Cellular Endocrinology, 1989, 62, 161-166.	1.6	20
148	Differential impact of acute and chronic lipotoxicity on gene expression in INS-1 cells. Metabolism: Clinical and Experimental, 2002, 51, 155-162.	1.5	19
149	Decreased Lipid Intermediate Levels and Lipid Oxidation Rates Despite Normal Lipolysis in Patients with Hypothyroidism. Thyroid, 2010, 20, 843-849.	2.4	19
150	Acute and Short-term Chronic Testosterone Fluctuation Effects on Glucose Homeostasis, Insulin Sensitivity, and Adiponectin: A Randomized, Double-Blind, Placebo-Controlled, Crossover Study. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E1088-E1096.	1.8	19
151	Hepatic exposure of metformin in patients with nonâ€alcoholic fatty liver disease. British Journal of Clinical Pharmacology, 2019, 85, 1761-1770.	1.1	19
152	Regulation of uncoupling protein (UCP) 2 and 3 in adipose and muscle tissue by fasting and growth hormone treatment in obese humans. International Journal of Obesity, 2000, 24, 968-975.	1.6	18
153	Interactions between sex steroid hormones and leptin in women. Studies in vivo and in vitro. International Journal of Obesity, 2000, 24, 1438-1444.	1.6	18
154	The Effect of Treatment With PTH on Undercarboxylated Osteocalcin and Energy Metabolism in Hypoparathyroidism. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 2758-2762.	1.8	18
155	Effects of insulin-induced hypoglycaemia on lipolysis rate, lipid oxidation and adipose tissue signalling in human volunteers: a randomised clinical study. Diabetologia, 2017, 60, 143-152.	2.9	18
156	Regulation of Uncoupling Protein-2 and -3 by Growth Hormone in Skeletal Muscle and Adipose Tissue in Growth Hormone-Deficient Adults. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 4073-4078.	1.8	18
157	Characterization of nuclear corticosteroid receptors in rat adipocytes. Regional variations and modulatory effects of hormones. Biochimica Et Biophysica Acta - Molecular Cell Research, 1992, 1134, 303-308.	1.9	17
158	Increased adiposity and reduced adipose tissue mRNA expression of uncoupling protein-2 in first-degree relatives of type 2 diabetic patients: evidence for insulin stimulation of UCP-2 and UCP-3 gene expression in adipose tissue. Diabetes, Obesity and Metabolism, 2005, 7, 98-105.	2.2	17
159	Reduced cannabinoid receptor 1 protein in subcutaneous adipose tissue of obese. European Journal of Clinical Investigation, 2010, 40, 121-126.	1.7	17
160	Erythropoietin administration acutely stimulates resting energy expenditure in healthy young men. Journal of Applied Physiology, 2012, 112, 1114-1121.	1.2	17
161	Direct Effects of Locally Administered Lipopolysaccharide on Glucose, Lipid, and Protein Metabolism in the Placebo-Controlled, Bilaterally Infused Human Leg. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 2090-2099.	1.8	17
162	Kinetics and utilization of lipid sources during acute exercise and acipimox. American Journal of Physiology - Endocrinology and Metabolism, 2014, 307, E199-E208.	1.8	17

#	Article	IF	Citations
163	Temporal patterns of lipolytic regulators in adipose tissue after acute growth hormone exposure in human subjects: A randomized controlled crossover trial. Molecular Metabolism, 2019, 29, 65-75.	3.0	17
164	SILAC-MS Based Characterization of LPS and Resveratrol Induced Changes in Adipocyte Proteomics â€“ Resveratrol as Ameliorating Factor on LPS Induced Changes. PLoS ONE, 2016, 11, e0159747.	1.1	17
165	Expression of the two isoforms of prostaglandin endoperoxide synthase (PGHS-1 and PGHS-2) during adipose cell differentiation. Molecular and Cellular Endocrinology, 1997, 131, 67-77.	1.6	16
166	GH signaling in human adipose and muscle tissue during â€˜feast and famineâ€™: amplification of exercise stimulation following fasting compared to glucose administration. European Journal of Endocrinology, 2015, 173, 283-290.	1.9	16
167	Increased ornithine decarboxylase activity in kidneys undergoing hypertrophy in experimental diabetes. Molecular and Cellular Endocrinology, 1992, 86, 67-72.	1.6	15
168	Growth Hormone Signaling in Muscle and Adipose Tissue of Obese Human Subjects: Associations With Measures of Body Composition and Interaction With Resveratrol Treatment. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E2565-E2573.	1.8	15
169	Effects of SGLT2 inhibition on lipid transport in adipose tissue in type 2 diabetes. Endocrine Connections, 2022, 11, .	0.8	15
170	Antilipolytic Effect of Prostaglandin E2in Perifused Rat Adipocytes*. Endocrinology, 1987, 121, 1221-1226.	1.4	14
171	Evaluation of Functional Erythropoietin Receptor Status in Skeletal Muscle In Vivo: Acute and Prolonged Studies in Healthy Human Subjects. PLoS ONE, 2012, 7, e31857.	1.1	14
172	Inhibitory effects of resveratrol on hypoxia-induced inflammation in 3T3-L1 adipocytes and macrophages. Journal of Functional Foods, 2014, 7, 171-179.	1.6	14
173	Effect of resveratrol on experimental nonâ€alcoholic fatty liver disease depends on severity of pathology and timing of treatment. Journal of Gastroenterology and Hepatology (Australia), 2016, 31, 668-675.	1.4	14
174	Expression Patterns and Correlations with Metabolic Markers of Zinc Transporters ZIP14 and ZNT1 in Obesity and Polycystic Ovary Syndrome. Frontiers in Endocrinology, 2017, 8, 38.	1.5	14
175	The effect of vitamin MK-7 on bone mineral density and microarchitecture in postmenopausal women with osteopenia, a 3-year randomized, placebo-controlled clinical trial. Osteoporosis International, 2021, 32, 185-191.	1.3	14
176	Reversible insulin resistance in muscle and fat unrelated to the metabolic syndrome in patients with acromegaly. EBioMedicine, 2022, 75, 103763.	2.7	14
177	Upregulation of Adipose 11â€Î²â€Hydroxysteroid Dehydrogenase Type 1 Expression in Ovariectomized Rats Is due to Obesity Rather Than Lack of Estrogen. Obesity, 2008, 16, 731-735.	1.5	13
178	Cardiovascular MR T2-STIR imaging does not discriminate between intramyocardial haemorrhage and microvascular obstruction during the subacute phase of a reperfused myocardial infarction. Open Heart, 2016, 3, e000346.	0.9	13
179	Combined Insulin Deficiency and Endotoxin Exposure Stimulate Lipid Mobilization and Alter Adipose Tissue Signaling in an Experimental Model of Ketoacidosis in Subjects With Type 1 Diabetes: A Randomized Controlled Crossover Trial. Diabetes, 2016, 65, 1380-1386.	0.3	13
180	Substrate metabolism, hormone and cytokine levels and adipose tissue signalling in individuals with type 1 diabetes after insulin withdrawal and subsequent insulin therapy to model the initiating steps of ketoacidosis. Diabetologia, 2019, 62, 494-503.	2.9	13

#	Article	IF	Citations
181	Growth hormone signaling and action in obese versus lean human subjects. American Journal of Physiology - Endocrinology and Metabolism, 2019, 316, E333-E344.	1.8	12
182	Growth hormone upregulates ANGPTL4 mRNA and suppresses lipoprotein lipase via fatty acids: Randomized experiments in human individuals. Metabolism: Clinical and Experimental, 2020, 105, 154188.	1.5	12
183	The Expression and Regulation of Bone-acting Cytokines in Human Peripheral Adipose Tissue in Organ Culture. Hormone and Metabolic Research, 2011, 43, 477-482.	0.7	11
184	High expression of organic cation transporter 3 in human BAT-like adipocytes. Implications for extraneuronal norepinephrine uptake. Molecular and Cellular Endocrinology, 2017, 443, 15-22.	1.6	11
185	Evaluation of Active Brown Adipose Tissue by the Use of Hyperpolarized [1-13C]Pyruvate MRI in Mice. International Journal of Molecular Sciences, 2018, 19, 2597.	1.8	11
186	Oral 3â€hydroxybutyrate ingestion decreases endogenous glucose production, lipolysis, and hormoneâ€sensitive lipase phosphorylation in adipose tissue in men: a human randomized, controlled, crossover trial. Diabetic Medicine, 2021, 38, e14385.	1.2	11
187	Long term follow up of patients who underwent jejunoileal bypass for morbid obesity. The European Journal of Surgery, 2003, 164, 281-286.	1.0	10
188	Acute effects of monounsaturated fat on postprandial lipemia and gene expression in first-degree relatives of subjects with type 2 diabetes. European Journal of Clinical Nutrition, 2014, 68, 1022-1028.	1.3	10
189	Regulation of CD163 mRNA and soluble CD163 protein in human adipose tissue in vitro. Journal of Molecular Endocrinology, 2014, 53, 227-235.	1.1	10
190	Validation of contrast enhanced cine steady-state free precession and T2-weighted CMR for assessment of ischemic myocardial area-at-risk in the presence of reperfusion injury. International Journal of Cardiovascular Imaging, 2019, 35, 1039-1045.	0.7	10
191	Redundancy in regulation of lipid accumulation in skeletal muscle during prolonged fasting in obese men. Physiological Reports, 2019, 7, e14285.	0.7	10
192	Fibroblast Activation Protein is a GH Target: A Prospective Study of Patients with Acromegaly Before and After Treatment. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 106-115.	1.8	10
193	Insulin resistance induced by growth hormone is linked to lipolysis and associated with suppressed pyruvate dehydrogenase activity in skeletal muscle: a 2â€‰Ã—â€‰2 factorial, randomised, crossover study in human individuals. Diabetologia, 2020, 63, 2641-2653.	2.9	10
194	Systemic Administration of Epidermal Growth Factor Increases UCP3 mRNA Levels in Skeletal Muscle and Adipose Tissue in Rats. Biochemical and Biophysical Research Communications, 2000, 279, 914-919.	1.0	9
195	Growth Hormone and Insulin Signaling in Acromegaly: Impact of Surgery Versus Somatostatin Analog Treatment. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 3716-3723.	1.8	9
196	Effects of short-term prednisolone treatment on indices of lipolysis and lipase signaling in abdominal adipose tissue in healthy humans. Metabolism: Clinical and Experimental, 2019, 99, 1-10.	1.5	9
197	Isolation and characterization of muscle stem cells, fibro-adipogenic progenitors, and macrophages from human skeletal muscle biopsies. American Journal of Physiology - Cell Physiology, 2021, 321, C257-C268.	2.1	9
198	Epidermal growth factor and insulin-like growth factor I upregulate the expression of the epidermal growth factor system in rat liver. Journal of Hepatology, 2000, 32, 645-654.	1.8	8

#	Article	IF	Citations
199	Peroxisome proliferatorâ€activated receptor gamma agonism modifies the effects of growth hormone on lipolysis and insulin sensitivity. Clinical Endocrinology, 2008, 69, 452-461.	1.2	8
200	Reduced Expression of Uncoupling Protein 2 in Adipose Tissue in Patients with Hypothyroidism. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 3537-3541.	1.8	8
201	GH signaling in skeletal muscle and adipose tissue in healthy human subjects: impact of gender and age. European Journal of Endocrinology, 2014, 171, 623-631.	1.9	8
202	Prolonged erythropoietin treatment does not impact gene expression in human skeletal muscle. Muscle and Nerve, 2015, 51, 554-561.	1.0	8
203	Insulin inhibits autophagy signaling independent of counterregulatory hormone levels but does not affect the effects of exercise. Journal of Applied Physiology, 2018, 125, 1204-1209.	1.2	8
204	Inhibition of renal ornithine decarboxylase activity fails to reduce kidney size and urinary albumin excretion in diabetic rats with manifest kidney hypertrophy. Molecular and Cellular Endocrinology, 1995, 107, 123-128.	1.6	7
205	Circulating sex hormones and gene expression of subcutaneous adipose tissue oestrogen and alpha-adrenergic receptors in HIV-lipodystrophy: implications for fat distribution. Clinical Endocrinology, 2007, 67, 250-258.	1.2	7
206	Acute Peripheral Metabolic Effects of Intraarterial Leg Infusion of Somatostatin in Healthy Young Men. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 2581-2589.	1.8	7
207	Dimethyl Sulfoxide Reduces Microvascular Obstruction and Intramyocardial Hemorrhagein a Porcine Ischemia-Reperfusion Model. Heart Research - Open Journal, 2015, 2, 85-91.	0.2	7
208	Systemic Administration of Epidermal Growth Factor Reduces Fat Mass in Rats: Effects on the Hormone-Sensitive-Lipase, Lipoprotein Lipase and Leptin. Hormone Research in Paediatrics, 1998, 50, 292-296.	0.8	6
209	Effects on Food Intake and Blood Lipids of Cannabinoid Receptor 1 Antagonist Treatment in Lean Rats. Obesity, 2008, 16, 2451-2455.	1.5	6
210	Intact Pituitary Function is Decisive for the Catabolic Response to TNF-Î±: Studies of Protein, Glucose and Fatty Acid Metabolism in Hypopituitary and Healthy Subjects. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 578-586.	1.8	6
211	Stress hormone release is a key component of the metabolic response to lipopolysaccharide: studies in hypopituitary and healthy subjects. European Journal of Endocrinology, 2016, 175, 455-465.	1.9	6
212	Relationship between biochemical and symptomatic hypoglycemia after RYGB. Responses to a mixed meal test: a case-control study. Surgery for Obesity and Related Diseases, 2020, 16, 1179-1185.	1.0	6
213	Impact of Dietary FA and Energy Restriction on Plasma Leptin and ob Gene Expression in Mice. Lipids, 2003, 38, 513-517.	0.7	5
214	Erythropoietin does not activate erythropoietin receptor signaling or lipolytic pathways in human subcutaneous white adipose tissue in vivo. Lipids in Health and Disease, 2016, 15, 160.	1.2	5
215	Long-Term High-Dose Resveratrol Supplementation Reduces Bone Mass and Fracture Strength in Rats. Calcified Tissue International, 2018, 102, 337-347.	1.5	5
216	The Effect of Weight Loss on Serum Mannose-Binding Lectin Levels. Clinical and Developmental Immunology, 2012, 2012, 1-5.	3.3	4

#	Article	IF	Citations
217	Effects of a meal rich in medium-chain saturated fat on postprandial lipemia in relatives of type 2 diabetics. Nutrition, 2013, 29, 1000-1006.	1.1	4
218	Ghrelin- and GH-induced insulin resistance: no association with retinol-binding protein-4. Endocrine Connections, 2013, 2, 96-103.	0.8	4
219	Bone Density and Structure in Overweight Men With and Without Diabetes. Frontiers in Endocrinology, 2022, 13, 837084.	1.5	4
220	Glucose-stimulated prehepatic insulin secretion is associated with circulating alanine, triglyceride, glucagon, lactate and TNF-alpha in patients with HIV-lipodystrophy. HIV Medicine, 2006, 7, 163-172.	1.0	3
221	Muscle GLUT4 in cirrhosis. Journal of Hepatology, 2007, 47, 212-219.	1.8	3
222	Comparison of bone turnover markers in peripheral blood and bone marrow aspirate. Bone, 2018, 116, 315-320.	1.4	3
223	Biodistribution of [¹¹C]-Metformin and mRNA Expression of Placentae Metformin Transporters in the Pregnant Chinchilla. Contrast Media and Molecular Imaging, 2019, 2019, 1-6.	0.4	3
224	Metformin is distributed to tumor tissue in breast cancer patients in vivo: A 11C-metformin PET/CT study. Breast Cancer Research and Treatment, 2020, 181, 107-113.	1.1	3
225	Vitamin K2 (menaquinone-7) increases plasma adiponectin but does not affect insulin sensitivity in postmenopausal women: a randomized controlled trial. European Journal of Clinical Nutrition, 2021, 75, 1661-1667.	1.3	3
226	Roux-en-Y gastric bypass versus sleeve gastrectomy: nationwide data from the Danish quality registry for treatment of severe obesity. Surgery for Obesity and Related Diseases, 2022, 18, 511-519.	1.0	3
227	Phosphoinositide metabolism in adipocytes from hypothyroid rats. European Journal of Pharmacology, 1991, 206, 81-85.	2.7	2
228	Parathyroid hormone receptor stimulation induces human adipocyte lipolysis and browning. European Journal of Endocrinology, 2021, 184, 687-697.	1.9	2
229	P0974 : Effects of resveratrol on experimental non-alcoholic steatohepatitis. Journal of Hepatology, 2015, 62, S711.	1.8	1
230	P1044 : Randomised, placebo-controlled clinical trial: Long-term resveratrol treatment for non-alcoholic fatty liver disease. Journal of Hepatology, 2015, 62, S739.	1.8	1
231	Case report: chronic adrenergic stimulation induces brown adipose tissue differentiation in visceral adipose tissue. Endocrine Abstracts, 0, , .	0.0	1
232	The role of adipokines in rosiglitazone-induced bone loss: A randomized, prospective, double-blinded trial. Bone, 2012, 50, S53.	1.4	0
233	Circulating CD36 Correlates with Intrahepatic Lipid Content in Non-Alcoholic Fatty Liver Disease Patients. Journal of Hepatology, 2016, 64, S497.	1.8	0
234	P1743Significant regional variation in cardioverter-defibrillator implantation rates in Denmark. Europace, 2017, 19, iii379-iii380.	0.7	0

#	Article	IF	Citations
235	Upregulation of Adipose 11-Î²-Hydroxysteroid Dehydrogenase Type 1 Expression in Ovariectomized Rats Is due to Obesity Rather Than Lack of Estrogen. Obesity, 0, , .	1.5	0
236	Anti-inflammatory activity of resveratrol metabolites. Planta Medica, 2016, 81, S1-S381.	0.7	0