

Steen B Pedersen

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229
papers

10,269
citations

53
h-index

92
g-index

239
ext. papers

11,318
ext. citations

5.2
avg, IF

6.03
L-index

#	Paper	IF	Citations
229	Regulation of adiponectin by adipose tissue-derived cytokines: in vivo and in vitro investigations in humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003 , 285, E527-33	6	542
228	Adiponectin: action, regulation and association to insulin sensitivity. <i>Obesity Reviews</i> , 2005 , 6, 13-21	10.6	488
227	Monocyte chemoattractant protein-1 release is higher in visceral than subcutaneous human adipose tissue (AT): implication of macrophages resident in the AT. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 2282-9	5.6	418
226	Sucrose-sweetened beverages increase fat storage in the liver, muscle, and visceral fat depot: a 6-mo randomized intervention study. <i>American Journal of Clinical Nutrition</i> , 2012 , 95, 283-9	7	386
225	High-dose resveratrol supplementation in obese men: an investigator-initiated, randomized, placebo-controlled clinical trial of substrate metabolism, insulin sensitivity, and body composition. <i>Diabetes</i> , 2013 , 62, 1186-95	0.9	355
224	Lower expression of adiponectin mRNA in visceral adipose tissue in lean and obese subjects. <i>Molecular and Cellular Endocrinology</i> , 2004 , 219, 9-15	4.4	240
223	Long-term AICAR administration reduces metabolic disturbances and lowers blood pressure in rats displaying features of the insulin resistance syndrome. <i>Diabetes</i> , 2002 , 51, 2199-206	0.9	200
222	Estrogen controls lipolysis by up-regulating alpha2A-adrenergic receptors directly in human adipose tissue through the estrogen receptor alpha. Implications for the female fat distribution. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004 , 89, 1869-78	5.6	183
221	Exercise training versus diet-induced weight-loss on metabolic risk factors and inflammatory markers in obese subjects: a 12-week randomized intervention study. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010 , 298, E824-31	6	159
220	Expression of vitamin D-metabolizing enzymes in human adipose tissue -- the effect of obesity and diet-induced weight loss. <i>International Journal of Obesity</i> , 2013 , 37, 651-7	5.5	150
219	Increased expression of TNF-alpha, IL-6, and IL-8 in HALS: implications for reduced adiponectin expression and plasma levels. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003 , 285, E1072-80	6	148
218	Higher production of IL-8 in visceral vs. subcutaneous adipose tissue. Implication of nonadipose cells in adipose tissue. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004 , 286, E8-13	6	147
217	Regional differences in triglyceride breakdown in human adipose tissue: effects of catecholamines, insulin, and prostaglandin E2. <i>Metabolism: Clinical and Experimental</i> , 1991 , 40, 990-6	12.7	147
216	Effects of vitamin D supplementation on body fat accumulation, inflammation, and metabolic risk factors in obese adults with low vitamin D levels - results from a randomized trial. <i>European Journal of Internal Medicine</i> , 2013 , 24, 644-9	3.9	144
215	Regulation of interleukin 8 production and gene expression in human adipose tissue in vitro. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 1267-73	5.6	130
214	Demonstration of estrogen receptor subtypes alpha and beta in human adipose tissue: influences of adipose cell differentiation and fat depot localization. <i>Molecular and Cellular Endocrinology</i> , 2001 , 182, 27-37	4.4	124
213	Regulation of Interleukin 8 Production and Gene Expression in Human Adipose Tissue in Vitro. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 1267-1273	5.6	121

212	Adiponectin receptors in human adipose tissue: effects of obesity, weight loss, and fat depots. <i>Obesity</i> , 2006 , 14, 28-35	8	113
211	11Beta-HSD type 1 expression in human adipose tissue: impact of gender, obesity, and fat localization. <i>Obesity</i> , 2007 , 15, 1954-60	8	106
210	Effects of pro-inflammatory cytokines and chemokines on leptin production in human adipose tissue in vitro. <i>Molecular and Cellular Endocrinology</i> , 2002 , 190, 91-9	4.4	106
209	Subcutaneous adipocytes can differentiate into bone-forming cells in vitro and in vivo. <i>Tissue Engineering</i> , 2004 , 10, 381-91		105
208	Anti-inflammatory effect of resveratrol on adipokine expression and secretion in human adipose tissue explants. <i>International Journal of Obesity</i> , 2010 , 34, 1546-53	5.5	98
207	AICAR stimulates adiponectin and inhibits cytokines in adipose tissue. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 316, 853-8	3.4	95
206	Regulation of UCP1, UCP2, and UCP3 mRNA expression in brown adipose tissue, white adipose tissue, and skeletal muscle in rats by estrogen. <i>Biochemical and Biophysical Research Communications</i> , 2001 , 288, 191-7	3.4	95
205	Resveratrol and inflammation: Challenges in translating pre-clinical findings to improved patient outcomes. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015 , 1852, 1124-36	6.9	93
204	Characterization of regional and gender differences in glucocorticoid receptors and lipoprotein lipase activity in human adipose tissue. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1994 , 78, 1354-9	5.6	91
203	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. <i>European Journal of Clinical Nutrition</i> , 2012 , 66, 523-9	5.2	87
202	Placebo-controlled, randomised clinical trial: high-dose resveratrol treatment for non-alcoholic fatty liver disease. <i>Scandinavian Journal of Gastroenterology</i> , 2016 , 51, 456-64	2.4	86
201	Resveratrol increases bone mineral density and bone alkaline phosphatase in obese men: a randomized placebo-controlled trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, 4720-9	5.6	85
200	Low Sirt1 expression, which is upregulated by fasting, in human adipose tissue from obese women. <i>International Journal of Obesity</i> , 2008 , 32, 1250-5	5.5	85
199	Regulation of leptin by steroid hormones in rat adipose tissue. <i>Biochemical and Biophysical Research Communications</i> , 1999 , 259, 624-30	3.4	85
198	Identification of steroid receptors in human adipose tissue. <i>European Journal of Clinical Investigation</i> , 1996 , 26, 1051-6	4.6	85
197	Characterization of regional and gender differences in glucocorticoid receptors and lipoprotein lipase activity in human adipose tissue. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1994 , 78, 1354-1359	5.6	77
196	No Beneficial Effects of Resveratrol on the Metabolic Syndrome: A Randomized Placebo-Controlled Clinical Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 1642-1651	5.6	76
195	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. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 911-9	5.6	75

194	Identification of oestrogen receptors and oestrogen receptor mRNA in human adipose tissue. <i>European Journal of Clinical Investigation</i> , 1996 , 26, 262-9	4.6	74
193	Human adipose tissue macrophages are enhanced but changed to an anti-inflammatory profile in obesity. <i>Journal of Immunology Research</i> , 2014 , 2014, 309548	4.5	73
192	Resveratrol up-regulates hepatic uncoupling protein 2 and prevents development of nonalcoholic fatty liver disease in rats fed a high-fat diet. <i>Nutrition Research</i> , 2012 , 32, 701-8	4	70
191	Resveratrol in metabolic health: an overview of the current evidence and perspectives. <i>Annals of the New York Academy of Sciences</i> , 2013 , 1290, 74-82	6.5	69
190	Hormone replacement therapy affects body composition and leptin differently in obese and non-obese postmenopausal women. <i>Journal of Endocrinology</i> , 1999 , 163, 55-62	4.7	68
189	GH receptor signaling in skeletal muscle and adipose tissue in human subjects following exposure to an intravenous GH bolus. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006 , 291, E899-905	6	66
188	Zinc-transporter genes in human visceral and subcutaneous adipocytes: lean versus obese. <i>Molecular and Cellular Endocrinology</i> , 2007 , 264, 68-73	4.4	65
187	Effects of in vivo estrogen treatment on adipose tissue metabolism and nuclear estrogen receptor binding in isolated rat adipocytes. <i>Molecular and Cellular Endocrinology</i> , 1992 , 85, 13-9	4.4	63
186	Fuel metabolism, energy expenditure, and thyroid function in growth hormone-treated obese women: a double-blind placebo-controlled study. <i>Metabolism: Clinical and Experimental</i> , 1994 , 43, 872-7	12.7	62
185	The macrophage-specific serum marker, soluble CD163, is increased in obesity and reduced after dietary-induced weight loss. <i>Obesity</i> , 2013 , 21, 2437-43	8	61
184	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. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, E1293-7	5.6	59
183	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. <i>Metabolism: Clinical and Experimental</i> , 2000 , 49, 906-11	12.7	58
182	Resveratrol ameliorates imiquimod-induced psoriasis-like skin inflammation in mice. <i>PLoS ONE</i> , 2015 , 10, e0126599	3.7	57
181	Insulin and contraction directly stimulate UCP2 and UCP3 mRNA expression in rat skeletal muscle in vitro. <i>Biochemical and Biophysical Research Communications</i> , 2001 , 283, 19-25	3.4	56
180	Effects of LPS and dietary free fatty acids on MCP-1 in 3T3-L1 adipocytes and macrophages in vitro. <i>Nutrition and Diabetes</i> , 2014 , 4, e113	4.7	55
179	Effect of industrially produced trans fat on markers of systemic inflammation: evidence from a randomized trial in women. <i>Journal of Lipid Research</i> , 2011 , 52, 1821-8	6.3	54
178	Reduced fat mass and increased lean mass in response to 1 year of melatonin treatment in postmenopausal women: A randomized placebo-controlled trial. <i>Clinical Endocrinology</i> , 2016 , 84, 342-7	3.4	53
177	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. <i>Prostate</i> , 2015 , 75, 1255-63	4.2	53

176	GLUT4 and UBC9 protein expression is reduced in muscle from type 2 diabetic patients with severe insulin resistance. <i>PLoS ONE</i> , 2011 , 6, e27854	3.7	53
175	The anti-diabetic AMPK activator AICAR reduces IL-6 and IL-8 in human adipose tissue and skeletal muscle cells. <i>Molecular and Cellular Endocrinology</i> , 2008 , 292, 36-41	4.4	53
174	Growth hormone signaling in vivo in human muscle and adipose tissue: impact of insulin, substrate background, and growth hormone receptor blockade. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, 2842-50	5.6	53
173	Nuclear estradiol binding in rat adipocytes. Regional variations and regulatory influences of hormones. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1991 , 1093, 80-6	4.9	53
172	Rosiglitazone decreases bone mass and bone marrow fat. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, 1541-8	5.6	52
171	The effect of chronic exposure to fatty acids on gene expression in clonal insulin-producing cells: studies using high density oligonucleotide microarray. <i>Endocrinology</i> , 2001 , 142, 4777-84	4.8	52
170	Systemic administration of insulin-like growth factor I (IGF-I) causes growth of the rat prostate. <i>Journal of Urology</i> , 1997 , 158, 222-7	2.5	51
169	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. <i>European Journal of Endocrinology</i> , 2009 , 160, 759-67	6.5	50
168	Abdominal obesity is associated with insulin resistance and reduced glycogen synthetase activity in skeletal muscle. <i>Metabolism: Clinical and Experimental</i> , 1993 , 42, 998-1005	12.7	49
167	Insulin resistance after a 72-h fast is associated with impaired AS160 phosphorylation and accumulation of lipid and glycogen in human skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012 , 302, E190-200	6	48
166	Differences in plasminogen activator inhibitor 1 in subcutaneous versus omental adipose tissue in non-obese and obese subjects. <i>Hormone and Metabolic Research</i> , 2003 , 35, 178-82	3.1	48
165	Adipose expression of adipocytokines in women with polycystic ovary syndrome. <i>Fertility and Sterility</i> , 2012 , 98, 235-41	4.8	47
164	Acute exercise increases circulating inflammatory markers in overweight and obese compared with lean subjects. <i>European Journal of Applied Physiology</i> , 2013 , 113, 1635-42	3.4	47
163	Opposite regulation of interleukin-8 and tumor necrosis factor-alpha by weight loss. <i>Obesity</i> , 2002 , 10, 499-506		45
162	Metformin, but not thiazolidinediones, inhibits plasminogen activator inhibitor-1 production in human adipose tissue in vitro. <i>Hormone and Metabolic Research</i> , 2003 , 35, 18-23	3.1	44
161	Evidence of increased visceral obesity and reduced physical fitness in healthy insulin-resistant first-degree relatives of type 2 diabetic patients. <i>European Journal of Endocrinology</i> , 2004 , 150, 207-14	6.5	44
160	Growth hormone (GH) substitution in GH-deficient patients inhibits 11beta-hydroxysteroid dehydrogenase type 1 messenger ribonucleic acid expression in adipose tissue. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 1093-8	5.6	43
159	Effects of resveratrol in experimental and clinical non-alcoholic fatty liver disease. <i>World Journal of Hepatology</i> , 2014 , 6, 188-98	3.4	42

158	Resveratrol has inhibitory effects on the hypoxia-induced inflammation and angiogenesis in human adipose tissue in vitro. <i>European Journal of Pharmaceutical Sciences</i> , 2013 , 49, 251-7	5.1	39
157	Direct effects of TNF- α on local fuel metabolism and cytokine levels in the placebo-controlled, bilaterally infused human leg: increased insulin sensitivity, increased net protein breakdown, and increased IL-6 release. <i>Diabetes</i> , 2013 , 62, 4023-9	0.9	39
156	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 Months of Treatment. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	37
155	Differential expression of prostaglandin receptor mRNAs during adipose cell differentiation. <i>Prostaglandins and Other Lipid Mediators</i> , 1999 , 57, 305-17	3.7	37
154	FGF6 and FGF9 regulate UCP1 expression independent of brown adipogenesis. <i>Nature Communications</i> , 2020 , 11, 1421	17.4	36
153	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. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, 1227-35	5.6	36
152	Relationship between sex hormones, body composition and metabolic risk parameters in premenopausal women. <i>European Journal of Endocrinology</i> , 1995 , 133, 200-6	6.5	36
151	Inflammation Downregulates UCP1 Expression in Brown Adipocytes Potentially via SIRT1 and DBC1 Interaction. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	35
150	Growth hormone (GH)-induced insulin resistance is rapidly reversible: an experimental study in GH-deficient adults. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, 2548-57	5.6	35
149	Tumor necrosis factor alpha is associated with insulin-mediated suppression of free fatty acids and net lipid oxidation in HIV-infected patients with lipodystrophy. <i>Metabolism: Clinical and Experimental</i> , 2006 , 55, 175-82	12.7	35
148	Causes of Vitamin D Deficiency and Effect of Vitamin D Supplementation on Metabolic Complications in Obesity: a Review. <i>Current Obesity Reports</i> , 2015 , 4, 429-40	8.4	34
147	Investigations of the anti-inflammatory effects of vitamin D in adipose tissue: results from an in vitro study and a randomized controlled trial. <i>Hormone and Metabolic Research</i> , 2013 , 45, 456-62	3.1	34
146	Differential effects of dietary protein sources on postprandial low-grade inflammation after a single high fat meal in obese non-diabetic subjects. <i>Nutrition Journal</i> , 2011 , 10, 115	4.3	34
145	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. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 792-6	5.6	34
144	Resveratrol Increases Osteoblast Differentiation In Vitro Independently of Inflammation. <i>Calcified Tissue International</i> , 2016 , 99, 155-63	3.9	33
143	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. <i>Calcified Tissue International</i> , 2013 , 93, 69-77	3.9	33
142	Depleted skeletal muscle mitochondrial DNA, hyperlactatemia, and decreased oxidative capacity in HIV-infected patients on highly active antiretroviral therapy. <i>Journal of Medical Virology</i> , 2005 , 77, 29-38	19.7	33
141	Plasminogen activator inhibitor type 1 (PAI-1) in plasma and adipose tissue in HIV-associated lipodystrophy syndrome. Implications of adipokines. <i>European Journal of Clinical Investigation</i> , 2005 , 35, 583-90	4.6	32

140	Effect of weight loss and exercise on angiogenic factors in the circulation and in adipose tissue in obese subjects. <i>Obesity</i> , 2013 , 21, 454-60	8	31
139	Growth hormone-induced insulin resistance in human subjects involves reduced pyruvate dehydrogenase activity. <i>Acta Physiologica</i> , 2014 , 210, 392-402	5.6	31
138	Impact of growth hormone receptor blockade on substrate metabolism during fasting in healthy subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 4524-32	5.6	31
137	Survival following a metformin overdose of 63 g: a case report. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2003 , 93, 98-9		31
136	Differential regulation of lipid and protein metabolism in obese vs. lean subjects before and after a 72-h fast. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016 , 311, E224-35	6	31
135	Effect of resveratrol on experimental non-alcoholic steatohepatitis. <i>Pharmacological Research</i> , 2015 , 95-96, 34-41	10.2	30
134	Regulation of plasminogen activator inhibitor-1 in human adipose tissue: interaction between cytokines, cortisol and estrogen. <i>Hormone and Metabolic Research</i> , 2000 , 32, 515-20	3.1	30
133	Investigations of the human endocannabinoid system in two subcutaneous adipose tissue depots in lean subjects and in obese subjects before and after weight loss. <i>International Journal of Obesity</i> , 2011 , 35, 1377-84	5.5	29
132	Estradiol acutely inhibits whole body lipid oxidation and attenuates lipolysis in subcutaneous adipose tissue: a randomized, placebo-controlled study in postmenopausal women. <i>European Journal of Endocrinology</i> , 2012 , 167, 543-51	6.5	28
131	Vitamin K2 (menaquinone-7) prevents age-related deterioration of trabecular bone microarchitecture at the tibia in postmenopausal women. <i>European Journal of Endocrinology</i> , 2016 , 175, 541-549	6.5	27
130	Regulation of Lipolysis and Adipose Tissue Signaling during Acute Endotoxin-Induced Inflammation: A Human Randomized Crossover Trial. <i>PLoS ONE</i> , 2016 , 11, e0162167	3.7	27
129	Regulation of glycolysis in brown adipocytes by HIF-1. <i>Scientific Reports</i> , 2017 , 7, 4052	4.9	26
128	Chronic adrenergic stimulation induces brown adipose tissue differentiation in visceral adipose tissue. <i>Diabetic Medicine</i> , 2015 , 32, e4-8	3.5	26
127	Adipose tissue, estradiol levels, and bone health in obese men with metabolic syndrome. <i>European Journal of Endocrinology</i> , 2015 , 172, 205-16	6.5	26
126	Effects of long-term total fasting and insulin on ob gene expression in obese patients. <i>European Journal of Endocrinology</i> , 1997 , 137, 229-33	6.5	26
125	Serum leptin levels and leptin expression in growth hormone (GH)-deficient and healthy adults: influence of GH treatment, gender, and fasting. <i>Metabolism: Clinical and Experimental</i> , 1998 , 47, 1514-9	12.7	26
124	Stimulation of PAI-1 and adipokines by glucose in human adipose tissue in vitro. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 310, 878-83	3.4	26
123	Anti-glucocorticoid effects of progesterone in vivo on rat adipose tissue metabolism. <i>Steroids</i> , 2003 , 68, 543-50	2.8	26

122	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. <i>European Journal of Endocrinology</i> , 1995 , 133, 65-70	6.5	26
121	The Effect of Chronic Exposure to Fatty Acids on Gene Expression in Clonal Insulin-Producing Cells: Studies Using High Density Oligonucleotide Microarray		26
120	Beta-1 and Not Beta-3 Adrenergic Receptors May Be the Primary Regulator of Human Brown Adipocyte Metabolism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	25
119	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. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, E64-8	5.6	24
118	Lipoprotein lipase activity in muscle tissue influenced by fatness, fat distribution and insulin in obese females. <i>European Journal of Clinical Investigation</i> , 1993 , 23, 226-33	4.6	24
117	Metformin targets brown adipose tissue in vivo and reduces oxygen consumption in vitro. <i>Diabetes, Obesity and Metabolism</i> , 2018 , 20, 2264-2273	6.7	23
116	Expression of 11beta-hydroxysteroid dehydrogenase 1 and 2 in subcutaneous adipose tissue of lean and obese women with and without polycystic ovary syndrome. <i>International Journal of Obesity</i> , 2009 , 33, 1249-56	5.5	23
115	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. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, E1348-52	5.6	23
114	Estrogen reduces pro-inflammatory cytokines in rodent adipose tissue: studies in vivo and in vitro. <i>Hormone and Metabolic Research</i> , 2003 , 35, 142-6	3.1	23
113	Growth hormone affects both adiposity and voluntary food intake in old and obese female rats. <i>European Journal of Endocrinology</i> , 2002 , 146, 121-8	6.5	23
112	Augmented effect of short-term pulsatile versus continuous insulin delivery on lipid metabolism but similar effect on whole-body glucose metabolism in obese subjects. <i>Metabolism: Clinical and Experimental</i> , 1994 , 43, 842-6	12.7	23
111	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. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 792-796	5.6	23
110	Continuous Glucose Monitoring After Gastric Bypass to Evaluate the Glucose Variability After a Low-Carbohydrate Diet and to Determine Hypoglycemia. <i>Obesity Surgery</i> , 2016 , 26, 2111-2118	3.7	22
109	Chronic maternal inflammation or high-fat-feeding programs offspring obesity in a sex-dependent manner. <i>International Journal of Obesity</i> , 2017 , 41, 1420-1426	5.5	21
108	The production and regulation of IGF and IGFbps in human adipose tissue cultures. <i>Growth Hormone and IGF Research</i> , 2012 , 22, 200-5	2	21
107	Whole body metabolic effects of prolonged endurance training in combination with erythropoietin treatment in humans: a randomized placebo controlled trial. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013 , 305, E879-89	6	21
106	Regulation of uncoupling protein-2 and -3 by growth hormone in skeletal muscle and adipose tissue in growth hormone-deficient adults. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999 , 84, 4073-8	5.6	21
105	Characterization of immortalized human brown and white pre-adipocyte cell models from a single donor. <i>PLoS ONE</i> , 2017 , 12, e0185624	3.7	21

104	Short-term resveratrol supplementation stimulates serum levels of bone-specific alkaline phosphatase in obese non-diabetic men. <i>Journal of Functional Foods</i> , 2014 , 6, 305-310	5.1	20
103	Independent effects of testosterone on lipid oxidation and VLDL-TG production: a randomized, double-blind, placebo-controlled, crossover study. <i>Diabetes</i> , 2013 , 62, 1409-16	0.9	20
102	Insulin and GH signaling in human skeletal muscle in vivo following exogenous GH exposure: impact of an oral glucose load. <i>PLoS ONE</i> , 2011 , 6, e19392	3.7	20
101	Regulation of leptin by thyroid hormone in humans: studies in vivo and in vitro. <i>Metabolism: Clinical and Experimental</i> , 1999 , 48, 1603-7	12.7	20
100	PAPP-A, IGFBP-4 and IGF-II are secreted by human adipose tissue cultures in a depot-specific manner. <i>European Journal of Endocrinology</i> , 2016 , 175, 509-519	6.5	20
99	Intrahepatic fat content correlates with soluble CD163 in relation to weight loss induced by Roux-en-Y gastric bypass. <i>Obesity</i> , 2015 , 23, 154-61	8	19
98	Differential impact of acute and chronic lipotoxicity on gene expression in INS-1 cells. <i>Metabolism: Clinical and Experimental</i> , 2002 , 51, 155-62	12.7	19
97	Reduction in serum fibroblast growth factor-21 after gastric bypass is related to changes in hepatic fat content. <i>Surgery for Obesity and Related Diseases</i> , 2017 , 13, 1515-1523	3	18
96	Impaired Insulin Suppression of VLDL-Triglyceride Kinetics in Nonalcoholic Fatty Liver Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 1637-46	5.6	18
95	Gene expression in skeletal muscle after an acute intravenous GH bolus in human subjects: identification of a mechanism regulating ANGPTL4. <i>Journal of Lipid Research</i> , 2013 , 54, 1988-97	6.3	18
94	Interactions between sex steroid hormones and leptin in women. Studies in vivo and in vitro. <i>International Journal of Obesity</i> , 2000 , 24, 1438-44	5.5	18
93	Epinephrine stimulates human muscle lipoprotein lipase activity in vivo. <i>Metabolism: Clinical and Experimental</i> , 1999 , 48, 461-4	12.7	18
92	Polyamines in rat adipocytes: their localization and their effects on the insulin receptor binding. <i>Molecular and Cellular Endocrinology</i> , 1989 , 62, 161-6	4.4	18
91	Regulation of Uncoupling Protein-2 and -3 by Growth Hormone in Skeletal Muscle and Adipose Tissue in Growth Hormone-Deficient Adults. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999 , 84, 4073-4078	5.6	18
90	LPS-Enhanced Glucose-Stimulated Insulin Secretion Is Normalized by Resveratrol. <i>PLoS ONE</i> , 2016 , 11, e0146840	3.7	18
89	Substrate Metabolism and Insulin Sensitivity During Fasting in Obese Human Subjects: Impact of GH Blockade. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 1340-1349	5.6	17
88	Acute and short-term chronic testosterone fluctuation effects on glucose homeostasis, insulin sensitivity, and adiponectin: a randomized, double-blind, placebo-controlled, crossover study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, E1088-96	5.6	17
87	Gene expression of the zinc transporter ZIP14 (SLC39a14) is affected by weight loss and metabolic status and associates with PPAR α in human adipose tissue and 3T3-L1 pre-adipocytes. <i>BMC Obesity</i> , 2015 , 2, 46	3.6	17

86	Reduced cannabinoid receptor 1 protein in subcutaneous adipose tissue of obese. <i>European Journal of Clinical Investigation</i> , 2010 , 40, 121-6	4.6	17
85	Erythropoietin administration acutely stimulates resting energy expenditure in healthy young men. <i>Journal of Applied Physiology</i> , 2012 , 112, 1114-21	3.7	17
84	Circulating sCD36 levels in patients with non-alcoholic fatty liver disease and controls. <i>International Journal of Obesity</i> , 2017 , 41, 262-267	5.5	16
83	Melanocortin agonists stimulate lipolysis in human adipose tissue explants but not in adipocytes. <i>BMC Research Notes</i> , 2015 , 8, 559	2.3	16
82	Decreased lipid intermediate levels and lipid oxidation rates despite normal lipolysis in patients with hypothyroidism. <i>Thyroid</i> , 2010 , 20, 843-9	6.2	16
81	Regulation of uncoupling protein (UCP) 2 and 3 in adipose and muscle tissue by fasting and growth hormone treatment in obese humans. <i>International Journal of Obesity</i> , 2000 , 24, 968-75	5.5	16
80	SILAC-MS Based Characterization of LPS and Resveratrol Induced Changes in Adipocyte Proteomics - Resveratrol as Ameliorating Factor on LPS Induced Changes. <i>PLoS ONE</i> , 2016 , 11, e0159747	3.7	16
79	No effect of resveratrol on VLDL-TG kinetics and insulin sensitivity in obese men with nonalcoholic fatty liver disease. <i>Diabetes, Obesity and Metabolism</i> , 2018 , 20, 2504-2509	6.7	15
78	Increased ornithine decarboxylase activity in kidneys undergoing hypertrophy in experimental diabetes. <i>Molecular and Cellular Endocrinology</i> , 1992 , 86, 67-72	4.4	15
77	Inhibitory effects of resveratrol on hypoxia-induced inflammation in 3T3-L1 adipocytes and macrophages. <i>Journal of Functional Foods</i> , 2014 , 7, 171-179	5.1	14
76	Kinetics and utilization of lipid sources during acute exercise and acipimox. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014 , 307, E199-208	6	14
75	Expression of the two isoforms of prostaglandin endoperoxide synthase (PGHS-1 and PGHS-2) during adipose cell differentiation. <i>Molecular and Cellular Endocrinology</i> , 1997 , 131, 67-77	4.4	14
74	Characterization of nuclear corticosteroid receptors in rat adipocytes. Regional variations and modulatory effects of hormones. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1992 , 1134, 303-8	4.9	14
73	Bone resorption is unchanged by liraglutide in type 2 diabetes patients: A randomised controlled trial. <i>Bone</i> , 2020 , 132, 115197	4.7	14
72	Molecular adaptations in human subcutaneous adipose tissue after ten weeks of endurance exercise training in healthy males. <i>Journal of Applied Physiology</i> , 2019 , 126, 569-577	3.7	14
71	Glucose metabolism in brown adipose tissue determined by deuterium metabolic imaging in rats. <i>International Journal of Obesity</i> , 2020 , 44, 1417-1427	5.5	13
70	Effects of insulin-induced hypoglycaemia on lipolysis rate, lipid oxidation and adipose tissue signalling in human volunteers: a randomised clinical study. <i>Diabetologia</i> , 2017 , 60, 143-152	10.3	13
69	The Effect of Treatment With PTH on Undercarboxylated Osteocalcin and Energy Metabolism in Hypoparathyroidism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, 2758-62	5.6	13

68	Evaluation of functional erythropoietin receptor status in skeletal muscle in vivo: acute and prolonged studies in healthy human subjects. <i>PLoS ONE</i> , 2012 , 7, e31857	3.7	13
67	Direct effects of locally administered lipopolysaccharide on glucose, lipid, and protein metabolism in the placebo-controlled, bilaterally infused human leg. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, 2090-9	5.6	13
66	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. <i>Diabetes, Obesity and Metabolism</i> , 2005 , 7, 98-105	6.7	13
65	Effect of resveratrol on experimental non-alcoholic fatty liver disease depends on severity of pathology and timing of treatment. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2016 , 31, 668-75	4	13
64	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. <i>Diabetes</i> , 2016 , 65, 1380-6	0.9	12
63	GH signaling in human adipose and muscle tissue during Weast and famineWamplification of exercise stimulation following fasting compared to glucose administration. <i>European Journal of Endocrinology</i> , 2015 , 173, 283-90	6.5	12
62	Antilipolytic effect of prostaglandin E2 in perfused rat adipocytes. <i>Endocrinology</i> , 1987 , 121, 1221-6	4.8	12
61	Upregulation of adipose 11-beta-hydroxysteroid dehydrogenase type 1 expression in ovariectomized rats is due to obesity rather than lack of estrogen. <i>Obesity</i> , 2008 , 16, 731-5	8	11
60	High expression of organic cation transporter 3 in human BAT-like adipocytes. Implications for extraneuronal norepinephrine uptake. <i>Molecular and Cellular Endocrinology</i> , 2017 , 443, 15-22	4.4	10
59	Growth hormone signaling in muscle and adipose tissue of obese human subjects: associations with measures of body composition and interaction with resveratrol treatment. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, E2565-73	5.6	10
58	Hepatic exposure of metformin in patients with non-alcoholic fatty liver disease. <i>British Journal of Clinical Pharmacology</i> , 2019 , 85, 1761-1770	3.8	9
57	Regulation of CD163 mRNA and soluble CD163 protein in human adipose tissue in vitro. <i>Journal of Molecular Endocrinology</i> , 2014 , 53, 227-35	4.5	9
56	Acute effects of monounsaturated fat on postprandial lipemia and gene expression in first-degree relatives of subjects with type 2 diabetes. <i>European Journal of Clinical Nutrition</i> , 2014 , 68, 1022-8	5.2	9
55	The expression and regulation of bone-acting cytokines in human peripheral adipose tissue in organ culture. <i>Hormone and Metabolic Research</i> , 2011 , 43, 477-82	3.1	9
54	Long term follow up of patients who underwent jejunioileal bypass for morbid obesity. <i>The European Journal of Surgery</i> , 1998 , 164, 281-6		9
53	Temporal patterns of lipolytic regulators in adipose tissue after acute growth hormone exposure in human subjects: A randomized controlled crossover trial. <i>Molecular Metabolism</i> , 2019 , 29, 65-75	8.8	8
52	Prolonged erythropoietin treatment does not impact gene expression in human skeletal muscle. <i>Muscle and Nerve</i> , 2015 , 51, 554-61	3.4	8
51	Systemic administration of epidermal growth factor increases UCP3 mRNA levels in skeletal muscle and adipose tissue in rats. <i>Biochemical and Biophysical Research Communications</i> , 2000 , 279, 914-9	3.4	8

50	Cardiovascular MR T2-STIR imaging does not discriminate between intramyocardial haemorrhage and microvascular obstruction during the subacute phase of a reperfused myocardial infarction. <i>Open Heart</i> , 2016 , 3, e000346	3	8
49	Growth hormone signaling and action in obese versus lean human subjects. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019 , 316, E333-E344	6	8
48	Expression Patterns and Correlations with Metabolic Markers of Zinc Transporters and in Obesity and Polycystic Ovary Syndrome. <i>Frontiers in Endocrinology</i> , 2017 , 8, 38	5.7	7
47	Acute peripheral metabolic effects of intraarterial leg infusion of somatostatin in healthy young men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, 2581-9	5.6	7
46	Circulating sex hormones and gene expression of subcutaneous adipose tissue oestrogen and alpha-adrenergic receptors in HIV-lipodystrophy: implications for fat distribution. <i>Clinical Endocrinology</i> , 2007 , 67, 250-8	3.4	7
45	Epidermal growth factor and insulin-like growth factor I upregulate the expression of the epidermal growth factor system in rat liver. <i>Journal of Hepatology</i> , 2000 , 32, 645-54	13.4	7
44	Inhibition of renal ornithine decarboxylase activity fails to reduce kidney size and urinary albumin excretion in diabetic rats with manifest kidney hypertrophy. <i>Molecular and Cellular Endocrinology</i> , 1995 , 107, 123-8	4.4	7
43	Redundancy in regulation of lipid accumulation in skeletal muscle during prolonged fasting in obese men. <i>Physiological Reports</i> , 2019 , 7, e14285	2.6	7
42	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. <i>Diabetologia</i> , 2019 , 62, 494-503	10.3	7
41	Evaluation of Active Brown Adipose Tissue by the Use of Hyperpolarized [1-C]Pyruvate MRI in Mice. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	7
40	GH signaling in skeletal muscle and adipose tissue in healthy human subjects: impact of gender and age. <i>European Journal of Endocrinology</i> , 2014 , 171, 623-31	6.5	6
39	Effects on food intake and blood lipids of cannabinoid receptor 1 antagonist treatment in lean rats. <i>Obesity</i> , 2008 , 16, 2451-5	8	6
38	Peroxisome proliferator-activated receptor gamma agonism modifies the effects of growth hormone on lipolysis and insulin sensitivity. <i>Clinical Endocrinology</i> , 2008 , 69, 452-61	3.4	6
37	Systemic administration of epidermal growth factor reduces fat mass in rats: effects on the hormone-sensitive-lipase, lipoprotein lipase and leptin. <i>Hormone Research in Paediatrics</i> , 1998 , 50, 292-633	6.3	6
36	Human skeletal muscle CD90 fibro-adipogenic progenitors are associated with muscle degeneration in type 2 diabetic patients. <i>Cell Metabolism</i> , 2021 , 33, 2201-2214.e11	24.6	6
35	Stress hormone release is a key component of the metabolic response to lipopolysaccharide: studies in hypopituitary and healthy subjects. <i>European Journal of Endocrinology</i> , 2016 , 175, 455-65	6.5	5
34	Reduced expression of uncoupling protein 2 in adipose tissue in patients with hypothyroidism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 3537-41	5.6	5
33	Impact of dietary FA and energy restriction on plasma leptin and ob gene expression in mice. <i>Lipids</i> , 2003 , 38, 513-7	1.6	5

32	Dimethyl Sulfoxide Reduces Microvascular Obstruction and Intramyocardial Hemorrhage in a Porcine Ischemia-Reperfusion Model. <i>Heart Research - Open Journal</i> , 2015 , 2, 85-91	2	5
31	Growth Hormone and Obesity. <i>Endocrinology and Metabolism Clinics of North America</i> , 2020 , 49, 239-250	5.5	5
30	Growth hormone upregulates ANGPTL4 mRNA and suppresses lipoprotein lipase via fatty acids: Randomized experiments in human individuals. <i>Metabolism: Clinical and Experimental</i> , 2020 , 105, 154188	12.7	5
29	Growth Hormone and Insulin Signaling in Acromegaly: Impact of Surgery Versus Somatostatin Analog Treatment. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 3716-3723	5.6	5
28	Fibroblast Activation Protein is a GH Target: A Prospective Study of Patients with Acromegaly Before and After Treatment. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	5
27	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. <i>Osteoporosis International</i> , 2021 , 32, 185-191	5.3	5
26	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. <i>International Journal of Cardiovascular Imaging</i> , 2019 , 35, 1039-1045	2.5	4
25	Long-Term High-Dose Resveratrol Supplementation Reduces Bone Mass and Fracture Strength in Rats. <i>Calcified Tissue International</i> , 2018 , 102, 337-347	3.9	4
24	Insulin inhibits autophagy signaling independent of counter-regulatory hormone levels, but does not affect the effects of exercise. <i>Journal of Applied Physiology</i> , 2018 ,	3.7	4
23	Effects of short-term prednisolone treatment on indices of lipolysis and lipase signaling in abdominal adipose tissue in healthy humans. <i>Metabolism: Clinical and Experimental</i> , 2019 , 99, 1-10	12.7	4
22	Effects of a meal rich in medium-chain saturated fat on postprandial lipemia in relatives of type 2 diabetics. <i>Nutrition</i> , 2013 , 29, 1000-6	4.8	4
21	Intact pituitary function is decisive for the catabolic response to TNF- α studies of protein, glucose and fatty acid metabolism in hypopituitary and healthy subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, 578-86	5.6	4
20	Human skeletal muscle CD90+ fibro-adipogenic progenitors are associated with muscle degeneration in type 2 diabetic patients		4
19	Isolation and characterization of muscle stem cells, fibro-adipogenic progenitors, and macrophages from human skeletal muscle biopsies. <i>American Journal of Physiology - Cell Physiology</i> , 2021 , 321, C257-C268	5.4	4
18	Erythropoietin does not activate erythropoietin receptor signaling or lipolytic pathways in human subcutaneous white adipose tissue in vivo. <i>Lipids in Health and Disease</i> , 2016 , 15, 160	4.4	3
17	Ghrelin- and GH-induced insulin resistance: no association with retinol-binding protein-4. <i>Endocrine Connections</i> , 2013 , 2, 96-103	3.5	3
16	The effect of weight loss on serum mannose-binding lectin levels. <i>Clinical and Developmental Immunology</i> , 2012 , 2012, 354894		3
15	Muscle GLUT4 in cirrhosis. <i>Journal of Hepatology</i> , 2007 , 47, 212-9	13.4	3

14	Glucose-stimulated prehepatic insulin secretion is associated with circulating alanine, triglyceride, glucagon, lactate and TNF-alpha in patients with HIV-lipodystrophy. <i>HIV Medicine</i> , 2006 , 7, 163-72	2.7	3
13	Insulin resistance induced by growth hormone is linked to lipolysis and associated with suppressed pyruvate dehydrogenase activity in skeletal muscle: a 2 x 2 factorial, randomised, crossover study in human individuals. <i>Diabetologia</i> , 2020 , 63, 2641-2653	10.3	3
12	Biodistribution of [C]-Metformin and mRNA Expression of Placentae Metformin Transporters in the Pregnant Chinchilla. <i>Contrast Media and Molecular Imaging</i> , 2019 , 2019, 9787340	3.2	2
11	Metformin is distributed to tumor tissue in breast cancer patients in vivo: A C-metformin PET/CT study. <i>Breast Cancer Research and Treatment</i> , 2020 , 181, 107-113	4.4	2
10	Phosphoinositide metabolism in adipocytes from hypothyroid rats. <i>European Journal of Pharmacology</i> , 1991 , 206, 81-5		2
9	Reversible insulin resistance in muscle and fat unrelated to the metabolic syndrome in patients with acromegaly.. <i>EBioMedicine</i> , 2021 , 75, 103763	8.8	2
8	Oral 3-hydroxybutyrate ingestion decreases endogenous glucose production, lipolysis, and hormone-sensitive lipase phosphorylation in adipose tissue in men: a human randomized, controlled, crossover trial. <i>Diabetic Medicine</i> , 2021 , 38, e14385	3.5	2
7	Comparison of bone turnover markers in peripheral blood and bone marrow aspirate. <i>Bone</i> , 2018 , 116, 315-320	4.7	2
6	Relationship between biochemical and symptomatic hypoglycemia after RYGB. Responses to a mixed meal test: a case-control study. <i>Surgery for Obesity and Related Diseases</i> , 2020 , 16, 1179-1185	3	1
5	Parathyroid hormone receptor stimulation induces human adipocyte lipolysis and browning. <i>European Journal of Endocrinology</i> , 2021 , 184, 687-697	6.5	0
4	Bone Density and Structure in Overweight Men With and Without Diabetes.. <i>Frontiers in Endocrinology</i> , 2022 , 13, 837084	5.7	0
3	P1743 Significant regional variation in cardioverter-defibrillator implantation rates in Denmark. <i>Europace</i> , 2017 , 19, iii379-iii380	3.9	
2	Anti-inflammatory activity of resveratrol metabolites. <i>Planta Medica</i> , 2016 , 81, S1-S381	3.1	
1	Vitamin K2 (menaquinone-7) increases plasma adiponectin but does not affect insulin sensitivity in postmenopausal women: a randomized controlled trial. <i>European Journal of Clinical Nutrition</i> , 2021 , 75, 1661-1667	5.2	