

Niels Moller

List of Publications by Citations

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333
papers

10,948
citations

56
h-index

86
g-index

347
ext. papers

12,244
ext. citations

5.7
avg. IF

6.14
L-index

#	Paper	IF	Citations
333	Effects of growth hormone on glucose, lipid, and protein metabolism in human subjects. <i>Endocrine Reviews</i> , 2009 , 30, 152-77	27.2	628
332	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
331	Dissecting adipose tissue lipolysis: molecular regulation and implications for metabolic disease. <i>Journal of Molecular Endocrinology</i> , 2014 , 52, R199-222	4.5	215
330	In Alzheimer's Disease, 6-Month Treatment with GLP-1 Analog Prevents Decline of Brain Glucose Metabolism: Randomized, Placebo-Controlled, Double-Blind Clinical Trial. <i>Frontiers in Aging Neuroscience</i> , 2016 , 8, 108	5.3	190
329	Effects of growth hormone on insulin sensitivity and forearm metabolism in normal man. <i>Diabetologia</i> , 1989 , 32, 105-10	10.3	175
328	Gestational diabetes: A clinical update. <i>World Journal of Diabetes</i> , 2015 , 6, 1065-72	4.7	150
327	Cardiovascular Effects of Treatment With the Ketone Body 3-Hydroxybutyrate in Chronic Heart Failure Patients. <i>Circulation</i> , 2019 , 139, 2129-2141	16.7	137
326	Effects of cortisol on lipolysis and regional interstitial glycerol levels in humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002 , 283, E172-7	6	136
325	Short-term effects of growth hormone on fuel oxidation and regional substrate metabolism in normal man. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1990 , 70, 1179-86	5.6	136
324	Basal- and insulin-stimulated substrate metabolism in patients with active acromegaly before and after adenomectomy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1992 , 74, 1012-9	5.6	133
323	Cardiovascular and metabolic effects of 48-h glucagon-like peptide-1 infusion in compensated chronic patients with heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010 , 298, H1096-102	5.2	126
322	A randomized placebo-controlled clinical trial of nicotinamide riboside in obese men: safety, insulin-sensitivity, and lipid-mobilizing effects. <i>American Journal of Clinical Nutrition</i> , 2018 , 108, 343-353 ⁷		121
321	Ghrelin infusion in humans induces acute insulin resistance and lipolysis independent of growth hormone signaling. <i>Diabetes</i> , 2008 , 57, 3205-10	0.9	119
320	Evening versus morning injections of growth hormone (GH) in GH-deficient patients: effects on 24-hour patterns of circulating hormones and metabolites. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1990 , 70, 207-14	5.6	110
319	Pharmacological antilipolysis restores insulin sensitivity during growth hormone exposure. <i>Diabetes</i> , 2001 , 50, 2301-8	0.9	108
318	Expansion of extracellular volume and suppression of atrial natriuretic peptide after growth hormone administration in normal man. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1991 , 72, 768-72 ^{5,6}		106
317	GLP-1 does not acutely affect insulin sensitivity in healthy man. <i>Diabetologia</i> , 1996 , 39, 1227-32	10.3	105

316	Basal- and insulin-stimulated substrate metabolism in patients with active acromegaly before and after adenomectomy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1992 , 74, 1012-1019	5.6	104
315	Effects of cortisol on carbohydrate, lipid, and protein metabolism: studies of acute cortisol withdrawal in adrenocortical failure. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 3553-9	5.6	101
314	Ghrelin immunoreactivity in human plasma is suppressed by somatostatin. <i>Clinical Endocrinology</i> , 2002 , 57, 539-46	3.4	99
313	Effects of 12 weeks high dose vitamin D3 treatment on insulin sensitivity, beta cell function, and metabolic markers in patients with type 2 diabetes and vitamin D insufficiency - a double-blind, randomized, placebo-controlled trial. <i>Metabolism: Clinical and Experimental</i> , 2014 , 63, 1115-24	12.7	95
312	Pulsatile versus continuous intravenous administration of growth hormone (GH) in GH-deficient patients: effects on circulating insulin-like growth factor-I and metabolic indices. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1990 , 70, 1616-23	5.6	92
311	Additive effects of cortisol and growth hormone on regional and systemic lipolysis in humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004 , 286, E488-94	6	91
310	Plasma ghrelin levels during exercise in healthy subjects and in growth hormone-deficient patients. <i>European Journal of Endocrinology</i> , 2002 , 147, 65-70	6.5	89
309	The amylin analog pramlintide improves glycemic control and reduces postprandial glucagon concentrations in patients with type 1 diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , 1999 , 48, 935-41	12.7	88
308	Continuous subcutaneous pump infusion of somatostatin analogue SMS 201-995 versus subcutaneous injection schedule in acromegalic patients. <i>Clinical Endocrinology</i> , 1987 , 27, 297-306	3.4	87
307	Insulin resistance in relatives of NIDDM patients: the role of physical fitness and muscle metabolism. <i>Diabetologia</i> , 1996 , 39, 813-22	10.3	85
306	Short-term changes in serum insulin-like growth factors (IGF) and IGF binding protein 3 after different modes of intravenous growth hormone (GH) exposure in GH-deficient patients. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1991 , 72, 582-7	5.6	85
305	Ketone Body Infusion With 3-Hydroxybutyrate Reduces Myocardial Glucose Uptake and Increases Blood Flow in Humans: A Positron Emission Tomography Study. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	84
304	Renal function and insulin sensitivity during simvastatin treatment in type 2 (non-insulin-dependent) diabetic patients with microalbuminuria. <i>Diabetologia</i> , 1993 , 36, 1079-86	10.3	82
303	The impact of pegvisomant treatment on substrate metabolism and insulin sensitivity in patients with acromegaly. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 1724-8	5.6	81
302	Hyperthyroidism is associated with suppressed circulating ghrelin levels. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 853-7	5.6	81
301	Dose-response studies on the metabolic effects of a growth hormone pulse in humans. <i>Metabolism: Clinical and Experimental</i> , 1992 , 41, 172-5	12.7	80
300	The acute effect of a physiological bolus of growth hormone (GH) on insulin signalling pathways in striated muscle in healthy volunteers. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2009 , 17, P3	3.6	78
299	Free Fatty Acids Inhibit Growth Hormone/Signal Transducer and Activator of Transcription-5 Signaling in Human Muscle: A Potential Feedback Mechanism. <i>Molecular Endocrinology</i> , 2009 , 23, 735-735		78

298	Insulin resistance in microvascular angina (syndrome X). <i>Lancet, The</i> , 1993 , 342, 136-40	40	77
297	Disruption of the relationship between fat content and leptin levels with aging in humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998 , 83, 931-4	5.6	76
296	Effects of Growth Hormone on Glucose Metabolism. <i>Hormone Research</i> , 1991 , 36, 32-35		76
295	Normal basal and insulin-stimulated fuel metabolism in lean women with the polycystic ovary syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1993 , 77, 1636-1640	5.6	76
294	Acute effects of ghrelin administration on glucose and lipid metabolism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, 438-44	5.6	74
293	Disruption of the Relationship between Fat Content and Leptin Levels with Aging in Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998 , 83, 931-934	5.6	73
292	Constant intravenous ghrelin infusion in healthy young men: clinical pharmacokinetics and metabolic effects. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007 , 292, E1829-36	6	71
291	Cardiovascular disease and insulin-like growth factor I. <i>Circulation</i> , 2002 , 106, 893-5	16.7	71
290	Metabolic effects and pharmacokinetics of a growth hormone pulse in healthy adults: relation to age, sex, and body composition. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997 , 82, 3612-8	5.6	70
289	Metabolic effects of growth hormone in humans. <i>Metabolism: Clinical and Experimental</i> , 1995 , 44, 33-6	12.7	69
288	Physical exercise increases autophagic signaling through ULK1 in human skeletal muscle. <i>Journal of Applied Physiology</i> , 2015 , 118, 971-9	3.7	67
287	Enhancement of muscle mitochondrial function by growth hormone. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, 597-604	5.6	67
286	The kidney is an important site for in vivo phenylalanine-to-tyrosine conversion in adult humans: A metabolic role of the kidney. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 1242-6	11.5	67
285	Effects of growth hormone on lipid metabolism in humans. <i>Growth Hormone and IGF Research</i> , 2003 , 13 Suppl A, S18-21	2	63
284	Effects of growth hormone administration on fuel oxidation and thyroid function in normal man. <i>Metabolism: Clinical and Experimental</i> , 1992 , 41, 728-31	12.7	63
283	Effects of a growth hormone pulse on total and forearm substrate fluxes in humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1990 , 258, E86-91	6	63
282	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
281	Abnormalities of whole body protein turnover, muscle metabolism and levels of metabolic hormones in patients with chronic heart failure. <i>Journal of Internal Medicine</i> , 2006 , 260, 11-21	10.8	61

280	Fasting, but not exercise, increases adipose triglyceride lipase (ATGL) protein and reduces G(0)/G(1) switch gene 2 (GOS2) protein and mRNA content in human adipose tissue. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, E1293-7	5.6	59
279	The decisive role of free fatty acids for protein conservation during fasting in humans with and without growth hormone. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 4371-8	5.6	58
278	Continuation of growth hormone (GH) therapy in GH-deficient patients during transition from childhood to adulthood: impact on insulin sensitivity and substrate metabolism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000 , 85, 1912-7	5.6	58
277	Incretin-based therapy and risk of acute pancreatitis: a nationwide population-based case-control study. <i>Diabetes Care</i> , 2015 , 38, 1089-98	14.6	56
276	The protein-retaining effects of growth hormone during fasting involve inhibition of muscle-protein breakdown. <i>Diabetes</i> , 2001 , 50, 96-104	0.9	55
275	Exenatide alters myocardial glucose transport and uptake depending on insulin resistance and increases myocardial blood flow in patients with type 2 diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, E1165-9	5.6	54
274	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
273	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
272	Characterization of growth hormone release in response to external heating. Comparison to exercise induced release. <i>European Journal of Endocrinology</i> , 1984 , 107, 295-301	6.5	52
271	Differential changes in free and total insulin-like growth factor I after major, elective abdominal surgery: the possible role of insulin-like growth factor-binding protein-3 proteolysis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998 , 83, 2445-9	5.6	51
270	Marked effects of sustained low growth hormone (GH) levels on day-to-day fuel metabolism: studies in GH-deficient patients and healthy untreated subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1993 , 77, 1589-1596	5.6	50
269	In vivo insulin action and muscle glycogen synthase activity in type 2 (non-insulin-dependent) diabetes mellitus: effects of diet treatment. <i>Diabetologia</i> , 1992 , 35, 777-84	10.3	50
268	Elevated regional lipolysis in hyperthyroidism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002 , 87, 4747-53	5.6	49
267	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
266	Evidence against a role for insulin-signaling proteins PI 3-kinase and Akt in insulin resistance in human skeletal muscle induced by short-term GH infusion. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005 , 288, E194-9	6	48
265	Growth hormone and glucose homeostasis. <i>Hormone Research in Paediatrics</i> , 2004 , 62 Suppl 3, 51-5	3.3	46
264	Dose-response effects of free fatty acids on glucose and lipid metabolism during somatostatin blockade of growth hormone and insulin in humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 1834-42	5.6	45
263	Physiological levels of glucagon do not influence lipolysis in abdominal adipose tissue as assessed by microdialysis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 2085-9	5.6	45

262	Growth hormone secretory capacity and serum insulin-like growth factor I levels in primary infertile, anovulatory women with regular menses. <i>Fertility and Sterility</i> , 1992 , 57, 97-101	4.8	45
261	Diabetes and protein metabolism. <i>Diabetes</i> , 2008 , 57, 3-4	0.9	44
260	Effects of liraglutide on neurodegeneration, blood flow and cognition in Alzheimer's disease - protocol for a controlled, randomized double-blinded trial. <i>Danish Medical Journal</i> , 2012 , 59, A4519	3.8	44
259	Fasting increases human skeletal muscle net phenylalanine release and this is associated with decreased mTOR signaling. <i>PLoS ONE</i> , 2014 , 9, e102031	3.7	43
258	Growth hormone and protein metabolism. <i>Clinical Nutrition</i> , 2009 , 28, 597-603	5.9	43
257	Cotreatment with pegvisomant and a somatostatin analog (SA) in SA-responsive acromegalic patients. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, 2405-13	5.6	42
256	Whole body and forearm substrate metabolism in hyperthyroidism: evidence of increased basal muscle protein breakdown. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005 , 288, E1067-73	6	42
255	Muscle mass and function in thyrotoxic patients before and during medical treatment. <i>Clinical Endocrinology</i> , 1999 , 51, 693-9	3.4	42
254	Effects of the amylin analogue pramlintide on hepatic glucagon responses and intermediary metabolism in Type 1 diabetic subjects. <i>Diabetic Medicine</i> , 1999 , 16, 867-74	3.5	42
253	Altered gene expression and repressed markers of autophagy in skeletal muscle of insulin resistant patients with type 2 diabetes. <i>Scientific Reports</i> , 2017 , 7, 43775	4.9	41
252	Calcineurin inhibitors acutely improve insulin sensitivity without affecting insulin secretion in healthy human volunteers. <i>British Journal of Clinical Pharmacology</i> , 2012 , 73, 536-45	3.8	41
251	Increased circulating leptin concentrations in insulin-resistant first-degree relatives of patients with non-insulin-dependent diabetes mellitus: relationship to body composition and insulin sensitivity but not to family history of non-insulin-dependent diabetes mellitus. <i>European Journal of Endocrinology</i> , 2007 , 156, 173-8	6.5	41
250	Physiological Levels of Glucagon Do Not Influence Lipolysis in Abdominal Adipose Tissue as Assessed by Microdialysis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 2085-2089	5.6	41
249	Regional leptin kinetics in humans. <i>American Journal of Clinical Nutrition</i> , 1999 , 69, 18-21	7	40
248	Effects of 3-hydroxybutyrate and free fatty acids on muscle protein kinetics and signaling during LPS-induced inflammation in humans: anticatabolic impact of ketone bodies. <i>American Journal of Clinical Nutrition</i> , 2018 , 108, 857-867	7	40
247	Direct effects of TNF- β n 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
246	Assessment of postabsorptive renal glucose metabolism in humans with multiple glucose tracers. <i>Diabetes</i> , 2001 , 50, 747-51	0.9	39
245	Effects of the somatostatin analogue SMS 201-995 (sandostatin) on mouth-to-caecum transit time and absorption of fat and carbohydrates in normal man. <i>Clinical Science</i> , 1988 , 75, 345-50	6.5	39

244	Effects of Nicotinamide Riboside on Endocrine Pancreatic Function and Incretin Hormones in Nondiabetic Men With Obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 5703-5714	5.6	38
243	Metabolic and hormonal responses to exogenous hyperthermia in man. <i>Clinical Endocrinology</i> , 1989 , 30, 651-60	3.4	38
242	Branched-chain amino acids increase arterial blood ammonia in spite of enhanced intrinsic muscle ammonia metabolism in patients with cirrhosis and healthy subjects. <i>American Journal of Physiology - Renal Physiology</i> , 2011 , 301, G269-77	5.1	36
241	Effects of growth hormone and insulin-like growth factor-I singly and in combination on in vivo capacity of urea synthesis, gene expression of urea cycle enzymes, and organ nitrogen contents in rats. <i>Hepatology</i> , 1997 , 25, 964-9	11.2	36
240	Insulin-like growth factors (IGF)-I and -II and IGF binding protein-1, -2, and -3 in patients with acromegaly before and after adenomectomy. <i>Metabolism: Clinical and Experimental</i> , 1994 , 43, 579-83	12.7	36
239	Carbohydrate tolerance and serum lipids in acromegaly before and during treatment with high dose octreotide. <i>Diabetic Medicine</i> , 1991 , 8, 517-23	3.5	36
238	Lack of effects of angiotensin-converting enzyme (ACE)-inhibitors on glucose metabolism in type 1 diabetes. <i>Diabetic Medicine</i> , 1990 , 7, 700-4	3.5	36
237	Effects of growth hormone on fuel utilization and muscle glycogen synthase activity in normal humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1991 , 260, E736-42	6	36
236	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
235	Free fatty acids decrease circulating ghrelin concentrations in humans. <i>European Journal of Endocrinology</i> , 2006 , 154, 667-73	6.5	35
234	Glucagon-like peptide-1 decreases intracerebral glucose content by activating hexokinase and changing glucose clearance during hyperglycemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012 , 32, 2146-52	7.3	34
233	Circadian patterns of serum insulin-like growth factor (IGF) II and IGF binding protein 3 in growth hormone-deficient patients and age- and sex-matched normal subjects. <i>European Journal of Endocrinology</i> , 1990 , 123, 257-62	6.5	34
232	Glucagon-like peptide-1 inhibits blood-brain glucose transfer in humans. <i>Diabetes</i> , 2008 , 57, 325-31	0.9	33
231	Acute exposure to GH during exercise stimulates the turnover of free fatty acids in GH-deficient men. <i>Journal of Applied Physiology</i> , 2004 , 96, 747-53	3.7	32
230	Calorigenic effects of growth hormone: the role of thyroid hormones. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1996 , 81, 1416-9	5.6	32
229	Growth hormone-induced insulin resistance in human subjects involves reduced pyruvate dehydrogenase activity. <i>Acta Physiologica</i> , 2014 , 210, 392-402	5.6	31
228	Impact of fasting on growth hormone signaling and action in muscle and fat. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 965-72	5.6	31
227	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

226	Acute peripheral metabolic effects of intraarterial ghrelin infusion in healthy young men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, 468-77	5.6	31
225	Serum ghrelin levels are increased in hypothyroid patients and become normalized by L-thyroxine treatment. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, 2277-80	5.6	31
224	Continuation of growth hormone (GH) substitution during fasting in GH-deficient patients decreases urea excretion and conserves protein synthesis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 3120-9	5.6	31
223	Effects of a physiological GH pulse on interstitial glycerol in abdominal and femoral adipose tissue. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1999 , 277, E848-54	6	31
222	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
221	Effects of GH on urea, glucose and lipid metabolism, and insulin sensitivity during fasting in GH-deficient patients. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003 , 285, E737-43	6	30
220	Preferential stimulation of abdominal subcutaneous lipolysis after prednisolone exposure in humans. <i>Obesity</i> , 2002 , 10, 774-81		30
219	Suppression of circulating free fatty acids with acipimox in chronic heart failure patients changes whole body metabolism but does not affect cardiac function. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010 , 299, H1220-5	5.2	29
218	Acute effects of the human amylin analog AC137 on basal and insulin-stimulated euglycemic and hypoglycemic fuel metabolism in patients with insulin-dependent diabetes mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1996 , 81, 1083-1089	5.6	29
217	Ketone Body, 3-Hydroxybutyrate: Minor Metabolite - Major Medical Manifestations. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	28
216	Acute effects of the human amylin analog AC137 on basal and insulin-stimulated euglycemic and hypoglycemic fuel metabolism in patients with insulin-dependent diabetes mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1996 , 81, 1083-9	5.6	28
215	Energy expenditure, insulin, and VLDL-triglyceride production in humans. <i>Journal of Lipid Research</i> , 2006 , 47, 2325-32	6.3	28
214	Effects of ageing on insulin secretion and action. <i>Hormone Research in Paediatrics</i> , 2003 , 60, 102-4	3.3	28
213	Impact of 2 weeks high dose growth hormone treatment on basal and insulin stimulated substrate metabolism in humans. <i>Clinical Endocrinology</i> , 1993 , 39, 577-81	3.4	28
212	Sustained AS160 and TBC1D1 phosphorylations in human skeletal muscle 30 min after a single bout of exercise. <i>Journal of Applied Physiology</i> , 2014 , 117, 289-96	3.7	27
211	Somatostatin enhances insulin-stimulated glucose uptake in the perfused human forearm. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1995 , 80, 1789-93	5.6	27
210	Decreased hepatic glucagon responses in type 1 (insulin-dependent) diabetes mellitus. <i>Diabetologia</i> , 1991 , 34, 521-6	10.3	27
209	Basal and insulin stimulated substrate metabolism in tumour induced hypoglycaemia; evidence for increased muscle glucose uptake. <i>Diabetologia</i> , 1991 , 34, 17-20	10.3	27

208	Calorigenic effects of growth hormone: the role of thyroid hormones. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1996 , 81, 1416-1419	5.6	27
207	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
206	Effects of a 3-day fast on regional lipid and glucose metabolism in human skeletal muscle and adipose tissue. <i>Acta Physiologica</i> , 2007 , 191, 205-16	5.6	26
205	Splanchnic release of ghrelin in humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 850-3.6	3.6	26
204	Evidence for increased sensitivity of fuel mobilization to growth hormone during short-term fasting in humans. <i>Hormone and Metabolic Research</i> , 1993 , 25, 175-9	3.1	26
203	Growth hormone acts along the PPAR γ -FSP27 axis to stimulate lipolysis in human adipocytes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019 , 316, E34-E42	6	26
202	Amino acid supplementation is anabolic during the acute phase of endotoxin-induced inflammation: A human randomized crossover trial. <i>Clinical Nutrition</i> , 2016 , 35, 322-330	5.9	25
201	Acyl Ghrelin Induces Insulin Resistance Independently of GH, Cortisol, and Free Fatty Acids. <i>Scientific Reports</i> , 2017 , 7, 42706	4.9	25
200	Simultaneous determination of β -hydroxybutyrate and β -hydroxy- β -methylbutyrate in human whole blood using hydrophilic interaction liquid chromatography electrospray tandem mass spectrometry. <i>Clinical Biochemistry</i> , 2013 , 46, 1877-83	3.5	25
199	Effects of adrenaline on lactate, glucose, lipid and protein metabolism in the placebo controlled bilaterally perfused human leg. <i>Acta Physiologica</i> , 2011 , 202, 641-8	5.6	25
198	Effects of free fatty acids, growth hormone and growth hormone receptor blockade on serum ghrelin levels in humans. <i>Clinical Endocrinology</i> , 2007 , 66, 641-5	3.4	25
197	The effect of growth hormone on the insulin-like growth factor system during fasting. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 3292-8	5.6	25
196	Very short term dehydroepiandrosterone treatment in female adrenal failure: impact on carbohydrate, lipid and protein metabolism. <i>European Journal of Endocrinology</i> , 2005 , 152, 77-85	6.5	25
195	Continuation of Growth Hormone (GH) Substitution during Fasting in GH-Deficient Patients Decreases Urea Excretion and Conserves Protein Synthesis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 3120-3129	5.6	25
194	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
193	No increased risk of hypoglycaemic episodes during 48 h of subcutaneous glucagon-like-peptide-1 administration in fasting healthy subjects. <i>Clinical Endocrinology</i> , 2009 , 71, 500-6	3.4	24
192	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
191	Pharmacological aspects of growth hormone replacement therapy: route, frequency and timing of administration. <i>Hormone Research</i> , 1990 , 33 Suppl 4, 77-82		24

190	Myocardial insulin resistance in patients with syndrome X. <i>Journal of Clinical Investigation</i> , 1997 , 100, 1919-27	15.9	24
189	Differential Changes in Free and Total Insulin-Like Growth Factor I after Major, Elective Abdominal Surgery: The Possible Role of Insulin-Like Growth Factor-Binding Protein-3 Proteolysis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998 , 83, 2445-2449	5.6	24
188	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
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