

# Niels Jessen

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

202  
papers

11,279  
citations

48  
h-index

103  
g-index

225  
ext. papers

13,555  
ext. citations

5.5  
avg. IF

5.77  
L-index

#	Paper	IF	Citations
202	Human and mouse muscle transcriptomic analyses identify insulin receptor mRNA downregulation in hyperinsulinemia-associated insulin resistance.. <i>FASEB Journal</i> , <b>2022</b> , 36, e22088	0.9	4
201	Human skeletal muscle CD90 fibro-adipogenic progenitors are associated with muscle degeneration in type 2 diabetic patients. <i>Cell Metabolism</i> , <b>2021</b> , 33, 2201-2214.e11	24.6	6
200	Reversible insulin resistance in muscle and fat unrelated to the metabolic syndrome in patients with acromegaly.. <i>EBioMedicine</i> , <b>2021</b> , 75, 103763	8.8	2
199	Oral lactate slows gastric emptying and suppresses appetite in young males.. <i>Clinical Nutrition</i> , <b>2021</b> , 41, 517-525	5.9	0
198	Hyperpolarized [1- C]pyruvate combined with the hyperinsulinaemic euglycaemic and hypoglycaemic clamp technique in skeletal muscle in a large animal model. <i>Experimental Physiology</i> , <b>2021</b> , 106, 2412-2422	2.4	
197	Lactoglobulin Is Insulinotropic Compared with Casein and Whey Protein Ingestion during Catabolic Conditions in Men in a Double-Blinded Randomized Crossover Trial. <i>Journal of Nutrition</i> , <b>2021</b> , 151, 1462-1472	4.1	0
196	Subcutaneous adipose tissue composition and function are unaffected by liraglutide-induced weight loss in adults with type 1 diabetes. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2021</b> , 128, 773-782	3.1	1
195	Parathyroid hormone receptor stimulation induces human adipocyte lipolysis and browning. <i>European Journal of Endocrinology</i> , <b>2021</b> , 184, 687-697	6.5	0
194	Placental superoxide dismutase 3 mediates benefits of maternal exercise on offspring health. <i>Cell Metabolism</i> , <b>2021</b> , 33, 939-956.e8	24.6	10
193	Randomised clinical study: acute effects of metformin versus placebo on portal pressure in patients with cirrhosis and portal hypertension. <i>Alimentary Pharmacology and Therapeutics</i> , <b>2021</b> , 54, 320-328	6.1	1
192	Anabolic effects of oral leucine-rich protein with and without ̢-hydroxybutyrate on muscle protein metabolism in a novel clinical model of systemic inflammation-a randomized crossover trial. <i>American Journal of Clinical Nutrition</i> , <b>2021</b> , 114, 1159-1172	7	2
191	The Effect of Melatonin on Incretin Hormones: Results From Experimental and Randomized Clinical Studies. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2021</b> , 106, e5109-e5123	5.6	0
190	Metformin Lowers Body Weight But Fails to Increase Insulin Sensitivity in Chronic Heart Failure Patients without Diabetes: a Randomized, Double-Blind, Placebo-Controlled Study. <i>Cardiovascular Drugs and Therapy</i> , <b>2021</b> , 35, 491-503	3.9	5
189	Acute metabolic effects of melatonin-A randomized crossover study in healthy young men. <i>Journal of Pineal Research</i> , <b>2021</b> , 70, e12706	10.4	7
188	BCPT policy for experimental and clinical studies. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2021</b> , 128, 4-8	3.1	64
187	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> , <b>2021</b> , 38, e14385	3.5	2
186	Six Weeks of Aerobic Exercise in Untrained Men With Overweight/Obesity Improved Training Adaptations, Performance and Body Composition Independent of Oat/Potato or Milk Based Protein-Carbohydrate Drink Supplementation. <i>Frontiers in Nutrition</i> , <b>2021</b> , 8, 617344	6.2	0

185	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> , <b>2021</b> , 321, C257-C268	5.4	4
184	Metformin Stimulates Intestinal Glycolysis and Lactate Release: A single-Dose Study of Metformin in Patients With Intrahepatic Portosystemic Stent. <i>Clinical Pharmacology and Therapeutics</i> , <b>2021</b> , 110, 1329-1336	6.1	0
183	Compound- and fiber type-selective requirement of AMPK $\beta$ for insulin-independent glucose uptake in skeletal muscle. <i>Molecular Metabolism</i> , <b>2021</b> , 51, 101228	8.8	6
182	Nampt controls skeletal muscle development by maintaining Ca homeostasis and mitochondrial integrity. <i>Molecular Metabolism</i> , <b>2021</b> , 53, 101271	8.8	7
181	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). <i>Autophagy</i> , <b>2021</b> , 17, 1-382	10.2	440
180	BCPT Young Researcher Nordic Prize 2020 in Basic & Clinical Pharmacology & Toxicology. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2020</b> , 127, 449-450	3.1	0
179	Metformin Biodistribution: A Key to Mechanisms of Action?. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2020</b> , 105,	5.6	5
178	FGF6 and FGF9 regulate UCP1 expression independent of brown adipogenesis. <i>Nature Communications</i> , <b>2020</b> , 11, 1421	17.4	36
177	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> , <b>2020</b> , 181, 107-113	4.4	2
176	The acute effects of growth hormone in adipose tissue is associated with suppression of antilipolytic signals. <i>Physiological Reports</i> , <b>2020</b> , 8, e14373	2.6	6
175	A model mimicking catabolic inflammatory disease; a controlled randomized study in humans. <i>PLoS ONE</i> , <b>2020</b> , 15, e0241274	3.7	4
174	Differences in intrinsic aerobic capacity alters sensitivity to ischemia-reperfusion injury but not cardioprotective capacity by ischemic preconditioning in rats. <i>PLoS ONE</i> , <b>2020</b> , 15, e0240866	3.7	1
173	Growth Hormone and Obesity. <i>Endocrinology and Metabolism Clinics of North America</i> , <b>2020</b> , 49, 239-250	5.5	5
172	Nicotinamide riboside does not alter mitochondrial respiration, content or morphology in skeletal muscle from obese and insulin-resistant men. <i>Journal of Physiology</i> , <b>2020</b> , 598, 731-754	3.9	53
171	A randomised, double-blind, placebo-controlled trial of metformin on myocardial efficiency in insulin-resistant chronic heart failure patients without diabetes. <i>European Journal of Heart Failure</i> , <b>2020</b> , 22, 1628-1637	12.3	23
170	Growth hormone upregulates ANGPTL4 mRNA and suppresses lipoprotein lipase via fatty acids: Randomized experiments in human individuals. <i>Metabolism: Clinical and Experimental</i> , <b>2020</b> , 105, 154188	12.7	5
169	Oral D/L-3-Hydroxybutyrate Stimulates Cholecystokinin and Insulin Secretion and Slows Gastric Emptying in Healthy Males. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2020</b> , 105,	5.6	5
168	Insulin resistance induced by growth hormone is linked to lipolysis and associated with suppressed pyruvate dehydrogenase activity in skeletal muscle: a 2 $\times$ 2 factorial, randomised, crossover study in human individuals. <i>Diabetologia</i> , <b>2020</b> , 63, 2641-2653	10.3	3

167	A Human Randomized Controlled Trial Comparing Metabolic Responses to Single and Repeated Hypoglycemia in Type 1 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2020</b> , 105,	5.6	3
166	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> , <b>2019</b> , 29, 65-75	8.8	8
165	Acipimox Acutely Increases GLP-1 Concentrations in Overweight Subjects and Hypopituitary Patients. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2019</b> , 104, 2581-2592	5.6	5
164	Immobilization Decreases FOXO3a Phosphorylation and Increases Autophagy-Related Gene and Protein Expression in Human Skeletal Muscle. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 736	4.6	9
163	Unacylated Ghrelin Does Not Acutely Affect Substrate Metabolism or Insulin Sensitivity in Men With Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2019</b> , 104, 2435-2442	5.6	3
162	Underpowered or negative? A crucial distinction. <i>Diabetologia</i> , <b>2019</b> , 62, 1094-1095	10.3	2
161	Molecular and cellular adaptations to exercise training in skeletal muscle from cancer patients treated with chemotherapy. <i>Journal of Cancer Research and Clinical Oncology</i> , <b>2019</b> , 145, 1449-1460	4.9	16
160	Hepatic exposure of metformin in patients with non-alcoholic fatty liver disease. <i>British Journal of Clinical Pharmacology</i> , <b>2019</b> , 85, 1761-1770	3.8	9
159	Metformin increases endogenous glucose production in non-diabetic individuals and individuals with recent-onset type 2 diabetes. <i>Diabetologia</i> , <b>2019</b> , 62, 1251-1256	10.3	24
158	Acute and sustained effects of a periodized carbohydrate intake using the sleep-low model in endurance-trained males. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2019</b> , 29, 1866-1880	4.6	6
157	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> , <b>2019</b> , 99, 1-10	12.7	4
156	Effects of Nicotinamide Riboside on Endocrine Pancreatic Function and Incretin Hormones in Nondiabetic Men With Obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2019</b> , 104, 5703-5714	5.6	38
155	Assessment of mouse liver [1-13C]pyruvate metabolism by dynamic hyperpolarized MRS. <i>Journal of Endocrinology</i> , <b>2019</b> , 242, 251-260	4.7	4
154	Redundancy in regulation of lipid accumulation in skeletal muscle during prolonged fasting in obese men. <i>Physiological Reports</i> , <b>2019</b> , 7, e14285	2.6	7
153	Growth hormone signaling and action in obese versus lean human subjects. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2019</b> , 316, E333-E344	6	8
152	Molecular adaptations in human subcutaneous adipose tissue after ten weeks of endurance exercise training in healthy males. <i>Journal of Applied Physiology</i> , <b>2019</b> , 126, 569-577	3.7	14
151	Growth hormone acts along the PPAR $\alpha$ /FSP27 axis to stimulate lipolysis in human adipocytes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2019</b> , 316, E34-E42	6	26
150	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> , <b>2019</b> , 62, 494-503	10.3	7

149	Metformin does not affect postabsorptive hepatic free fatty acid uptake, oxidation or resecretion in humans: A 3-month placebo-controlled clinical trial in patients with type 2 diabetes and healthy controls. <i>Diabetes, Obesity and Metabolism</i> , <b>2018</b> , 20, 1435-1444	6.7	10
148	Macrophage activation marker sCD163 correlates with accelerated lipolysis following LPS exposure: a human-randomised clinical trial. <i>Endocrine Connections</i> , <b>2018</b> , 7, 107-114	3.5	10
147	Imaging in Pharmacogenetics. <i>Advances in Pharmacology</i> , <b>2018</b> , 83, 95-107	5.7	1
146	Insulin inhibits autophagy signaling independent of counter-regulatory hormone levels, but does not affect the effects of exercise. <i>Journal of Applied Physiology</i> , <b>2018</b> ,	3.7	4
145	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> , <b>2018</b> , 108, 343-353	7	121
144	Metformin targets brown adipose tissue in vivo and reduces oxygen consumption in vitro. <i>Diabetes, Obesity and Metabolism</i> , <b>2018</b> , 20, 2264-2273	6.7	23
143	Metformin reduces liver glucose production by inhibition of fructose-1-6-bisphosphatase. <i>Nature Medicine</i> , <b>2018</b> , 24, 1395-1406	50.5	113
142	Growth hormone controls lipolysis by regulation of FSP27 expression. <i>Journal of Endocrinology</i> , <b>2018</b> , 239, 289-301	4.7	21
141	Type 2 diabetes mellitus worsens neurological injury following cardiac arrest: an animal experimental study. <i>Intensive Care Medicine Experimental</i> , <b>2018</b> , 6, 23	3.7	4
140	Hyperpolarized [1- C] pyruvate as a possible diagnostic tool in liver disease. <i>Physiological Reports</i> , <b>2018</b> , 6, e13943	2.6	5
139	Evaluation of Active Brown Adipose Tissue by the Use of Hyperpolarized [1-C]Pyruvate MRI in Mice. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	7
138	Prolonged fasting-induced metabolic signatures in human skeletal muscle of lean and obese men. <i>PLoS ONE</i> , <b>2018</b> , 13, e0200817	3.7	13
137	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> , <b>2018</b> , 108, 857-867	7	40
136	Sevoflurane Impairs Insulin Secretion and Tissue-Specific Glucose Uptake In Vivo. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2018</b> , 123, 732-738	3.1	6
135	Anabolic effects of leucine-rich whey protein, carbohydrate, and soy protein with and without β-hydroxy-β-methylbutyrate (HMB) during fasting-induced catabolism: A human randomized crossover trial. <i>Clinical Nutrition</i> , <b>2017</b> , 36, 697-705	5.9	22
134	Acyl Ghrelin Induces Insulin Resistance Independently of GH, Cortisol, and Free Fatty Acids. <i>Scientific Reports</i> , <b>2017</b> , 7, 42706	4.9	25
133	miRNAs in human subcutaneous adipose tissue: Effects of weight loss induced by hypocaloric diet and exercise. <i>Obesity</i> , <b>2017</b> , 25, 572-580	8	26
132	Altered gene expression and repressed markers of autophagy in skeletal muscle of insulin resistant patients with type 2 diabetes. <i>Scientific Reports</i> , <b>2017</b> , 7, 43775	4.9	41

131	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> , <b>2017</b> , 6,	6	84
130	Substrate Metabolism and Insulin Sensitivity During Fasting in Obese Human Subjects: Impact of GH Blockade. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2017</b> , 102, 1340-1349	5.6	17
129	Acute Hypoglycemia in Healthy Humans Impairs Insulin-Stimulated Glucose Uptake and Glycogen Synthase in Skeletal Muscle: A Randomized Clinical Study. <i>Diabetes</i> , <b>2017</b> , 66, 2483-2494	0.9	6
128	No Beneficial Effects of Resveratrol on the Metabolic Syndrome: A Randomized Placebo-Controlled Clinical Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2017</b> , 102, 1642-1651	5.6	76
127	Genetic Polymorphisms in Organic Cation Transporter 1 Attenuates Hepatic Metformin Exposure in Humans. <i>Clinical Pharmacology and Therapeutics</i> , <b>2017</b> , 102, 841-848	6.1	61
126	Enrichment of Genetic Variants in the Glucocorticoid Receptor Signalling Pathway in Autoimmune Hepatitis with Failure of Standard Treatment. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2017</b> , 121, 189-194	3.1	4
125	Metabolic effects of insulin in a human model of ketoacidosis combining exposure to lipopolysaccharide and insulin deficiency: a randomised, controlled, crossover study in individuals with type 1 diabetes. <i>Diabetologia</i> , <b>2017</b> , 60, 1197-1206	10.3	4
124	High expression of organic cation transporter 3 in human BAT-like adipocytes. Implications for extraneuronal norepinephrine uptake. <i>Molecular and Cellular Endocrinology</i> , <b>2017</b> , 443, 15-22	4.4	10
123	Results from C-metformin-PET scans, tissue analysis and cellular drug-sensitivity assays questions the view that biguanides affects tumor respiration directly. <i>Scientific Reports</i> , <b>2017</b> , 7, 9436	4.9	17
122	Cardiac vagal tone, a non-invasive measure of parasympathetic tone, is a clinically relevant tool in Type 1 diabetes mellitus. <i>Diabetic Medicine</i> , <b>2017</b> , 34, 1428-1434	3.5	20
121	Soluble programmed death-1 levels are associated with disease activity and treatment response in patients with autoimmune hepatitis. <i>Scandinavian Journal of Gastroenterology</i> , <b>2017</b> , 52, 93-99	2.4	27
120	Effects of insulin-induced hypoglycaemia on lipolysis rate, lipid oxidation and adipose tissue signalling in human volunteers: a randomised clinical study. <i>Diabetologia</i> , <b>2017</b> , 60, 143-152	10.3	13
119	Effects of Prednisolone on Serum and Tissue Fluid IGF-I Receptor Activation and Post-Receptor Signaling in Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2017</b> , 102, 4031-4040	5.6	12
118	Amino acid supplementation is anabolic during the acute phase of endotoxin-induced inflammation: A human randomized crossover trial. <i>Clinical Nutrition</i> , <b>2016</b> , 35, 322-330	5.9	25
117	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> , <b>2016</b> , 175, 455-65	6.5	5
116	Defects in muscle branched-chain amino acid oxidation contribute to impaired lipid metabolism. <i>Molecular Metabolism</i> , <b>2016</b> , 5, 926-936	8.8	82
115	Single-centre experience of the macrophage activation marker soluble (s)CD163 - associations with disease activity and treatment response in patients with autoimmune hepatitis. <i>Alimentary Pharmacology and Therapeutics</i> , <b>2016</b> , 44, 1062-1070	6.1	25
114	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> , <b>2016</b> , 15, 160	4.4	3



113	Clinical Pharmacology in Denmark in 2016 - 40 Years with the Danish Society of Clinical Pharmacology and 20 Years as a Medical Speciality. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2016</b> , 119, 523-532	3.1	8
112	Delaying time to first nocturnal void may have beneficial effects on reducing blood glucose levels. <i>Endocrine</i> , <b>2016</b> , 53, 722-9	4	8
111	A PET Tracer for Renal Organic Cation Transporters, $^{11}\text{C}$ -Metformin: Radiosynthesis and Preclinical Proof-of-Concept Studies. <i>Journal of Nuclear Medicine</i> , <b>2016</b> , 57, 615-21	8.9	18
110	Placebo-controlled, randomised clinical trial: high-dose resveratrol treatment for non-alcoholic fatty liver disease. <i>Scandinavian Journal of Gastroenterology</i> , <b>2016</b> , 51, 456-64	2.4	86
109	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , <b>2016</b> , 12, 1-222	10.2	3838
108	$^{11}\text{C}$ -Labeled Metformin Distribution in the Liver and Small Intestine Using Dynamic Positron Emission Tomography in Mice Demonstrates Tissue-Specific Transporter Dependency. <i>Diabetes</i> , <b>2016</b> , 65, 1724-30	0.9	56
107	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> , <b>2016</b> , 65, 1380-6	0.9	12
106	Assessment of the cardiovascular and gastrointestinal autonomic complications of diabetes. <i>World Journal of Diabetes</i> , <b>2016</b> , 7, 321-32	4.7	10
105	LPS-Enhanced Glucose-Stimulated Insulin Secretion Is Normalized by Resveratrol. <i>PLoS ONE</i> , <b>2016</b> , 11, e0146840	3.7	18
104	Regulation of Lipolysis and Adipose Tissue Signaling during Acute Endotoxin-Induced Inflammation: A Human Randomized Crossover Trial. <i>PLoS ONE</i> , <b>2016</b> , 11, e0162167	3.7	27
103	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> , <b>2016</b> , 31, 668-75	4	13
102	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> , <b>2016</b> , 311, E224-35	6	31
101	Renal PET-imaging with $^{11}\text{C}$ -metformin in a transgenic mouse model for chronic kidney disease. <i>EJNMMI Research</i> , <b>2016</b> , 6, 54	3.6	5
100	Renoprotective Effects of Metformin are Independent of Organic Cation Transporters 1 & 2 and AMP-activated Protein Kinase in the Kidney. <i>Scientific Reports</i> , <b>2016</b> , 6, 35952	4.9	27
99	Reply: Letter to the editor - A dietary amino acid load causes a transient decrease in the function of human neutrophil granulocytes. <i>Clinical Nutrition</i> , <b>2016</b> , 35, 771	5.9	
98	Pronounced expression of the lipolytic inhibitor G0/G1 Switch Gene 2 (G0S2) in adipose tissue from brown bears ( <i>Ursus arctos</i> ) prior to hibernation. <i>Physiological Reports</i> , <b>2016</b> , 4, e12781	2.6	10
97	In Vivo Imaging of Human $^{11}\text{C}$ -Metformin in Peripheral Organs: Dosimetry, Biodistribution, and Kinetic Analyses. <i>Journal of Nuclear Medicine</i> , <b>2016</b> , 57, 1920-1926	8.9	72
96	Growth Hormone and Insulin Signaling in Acromegaly: Impact of Surgery Versus Somatostatin Analog Treatment. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 3716-3723	5.6	5

95	Effect of resveratrol on experimental non-alcoholic steatohepatitis. <i>Pharmacological Research</i> , <b>2015</b> , 95-96, 34-41	10.2	30
94	Reduced CD300LG mRNA tissue expression, increased intramyocellular lipid content and impaired glucose metabolism in healthy male carriers of Arg82Cys in CD300LG: a novel genometic cross-link between CD300LG and common metabolic phenotypes. <i>BMJ Open Diabetes Research and Care</i> , <b>2015</b> , 3, e000095	4.5	8
93	Prolonged erythropoietin treatment does not impact gene expression in human skeletal muscle. <i>Muscle and Nerve</i> , <b>2015</b> , 51, 554-61	3.4	8
92	Chronic adrenergic stimulation induces brown adipose tissue differentiation in visceral adipose tissue. <i>Diabetic Medicine</i> , <b>2015</b> , 32, e4-8	3.5	26
91	Resveratrol ameliorates imiquimod-induced psoriasis-like skin inflammation in mice. <i>PLoS ONE</i> , <b>2015</b> , 10, e0126599	3.7	57
90	GH signaling in human adipose and muscle tissue during 'feast and famine' amplification of exercise stimulation following fasting compared to glucose administration. <i>European Journal of Endocrinology</i> , <b>2015</b> , 173, 283-90	6.5	12
89	Physical exercise increases autophagic signaling through ULK1 in human skeletal muscle. <i>Journal of Applied Physiology</i> , <b>2015</b> , 118, 971-9	3.7	67
88	Intact pituitary function is decisive for the catabolic response to TNF- $\alpha$ studies of protein, glucose and fatty acid metabolism in hypopituitary and healthy subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2015</b> , 100, 578-86	5.6	4
87	AMPKs critical for enhancing skeletal muscle fatty acid utilization during in vivo exercise in mice. <i>FASEB Journal</i> , <b>2015</b> , 29, 1725-38	0.9	55
86	AMP kinase in exercise adaptation of skeletal muscle. <i>Drug Discovery Today</i> , <b>2014</b> , 19, 999-1002	8.8	23
85	Effects of divergent resistance exercise contraction mode and dietary supplementation type on anabolic signalling, muscle protein synthesis and muscle hypertrophy. <i>Amino Acids</i> , <b>2014</b> , 46, 2377-92	3.5	34
84	Experimental nonalcoholic steatohepatitis compromises ureagenesis, an essential hepatic metabolic function. <i>American Journal of Physiology - Renal Physiology</i> , <b>2014</b> , 307, G295-301	5.1	34
83	Kinetics and utilization of lipid sources during acute exercise and acipimox. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2014</b> , 307, E199-208	6	14
82	Short-term resveratrol supplementation stimulates serum levels of bone-specific alkaline phosphatase in obese non-diabetic men. <i>Journal of Functional Foods</i> , <b>2014</b> , 6, 305-310	5.1	20
81	Fasting increases human skeletal muscle net phenylalanine release and this is associated with decreased mTOR signaling. <i>PLoS ONE</i> , <b>2014</b> , 9, e102031	3.7	43
80	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> , <b>2014</b> , 99, E2565-73	5.6	10
79	Sustained AS160 and TBC1D1 phosphorylations in human skeletal muscle 30 min after a single bout of exercise. <i>Journal of Applied Physiology</i> , <b>2014</b> , 117, 289-96	3.7	27
78	Growth hormone-induced insulin resistance in human subjects involves reduced pyruvate dehydrogenase activity. <i>Acta Physiologica</i> , <b>2014</b> , 210, 392-402	5.6	31



77	Dissecting adipose tissue lipolysis: molecular regulation and implications for metabolic disease. <i>Journal of Molecular Endocrinology</i> , <b>2014</b> , 52, R199-222	4.5	215
76	GH signaling in skeletal muscle and adipose tissue in healthy human subjects: impact of gender and age. <i>European Journal of Endocrinology</i> , <b>2014</b> , 171, 623-31	6.5	6
75	Differentiated mTOR but not AMPK signaling after strength vs endurance exercise in training-accustomed individuals. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2013</b> , 23, 355-66	4.6	68
74	Resistance exercise, but not endurance exercise, induces IKK $\beta$ phosphorylation in human skeletal muscle of training-accustomed individuals. <i>Pflügers Archiv European Journal of Physiology</i> , <b>2013</b> , 465, 1785-95	4.6	16
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