

# Niels Jessen

## List of Publications by Citations

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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	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
201	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
200	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> , <b>2013</b> , 62, 1186-95	0.9	355
199	Distinct signals regulate AS160 phosphorylation in response to insulin, AICAR, and contraction in mouse skeletal muscle. <i>Diabetes</i> , <b>2006</b> , 55, 2067-76	0.9	264
198	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
197	Contraction signaling to glucose transport in skeletal muscle. <i>Journal of Applied Physiology</i> , <b>2005</b> , 99, 330-7	3.7	206
196	Long-term AICAR administration reduces metabolic disturbances and lowers blood pressure in rats displaying features of the insulin resistance syndrome. <i>Diabetes</i> , <b>2002</b> , 51, 2199-206	0.9	200
195	Long-term AICAR administration and exercise prevents diabetes in ZDF rats. <i>Diabetes</i> , <b>2005</b> , 54, 928-34	0.9	183
194	Skeletal muscle-selective knockout of LKB1 increases insulin sensitivity, improves glucose homeostasis, and decreases TRB3. <i>Molecular and Cellular Biology</i> , <b>2006</b> , 26, 8217-27	4.8	172
193	AMP-activated protein kinase and the regulation of glucose transport. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2006</b> , 291, E867-77	6	171
192	Chronic treatment with 5-aminoimidazole-4-carboxamide-1-beta-D-ribofuranoside increases insulin-stimulated glucose uptake and GLUT4 translocation in rat skeletal muscles in a fiber type-specific manner. <i>Diabetes</i> , <b>2001</b> , 50, 12-7	0.9	165
191	Effects of exercise training on subcutaneous and visceral adipose tissue in normal- and high-fat diet-fed rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2009</b> , 297, E495-504	6	150
190	Effects of AICAR and exercise on insulin-stimulated glucose uptake, signaling, and GLUT-4 content in rat muscles. <i>Journal of Applied Physiology</i> , <b>2003</b> , 94, 1373-9	3.7	141
189	A highly sensitive and specific assay for determination of IGF-I bioactivity in human serum. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2003</b> , 284, E1149-55	6	131
188	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
187	Ghrelin infusion in humans induces acute insulin resistance and lipolysis independent of growth hormone signaling. <i>Diabetes</i> , <b>2008</b> , 57, 3205-10	0.9	119
186	Chronic consumption of farmed salmon containing persistent organic pollutants causes insulin resistance and obesity in mice. <i>PLoS ONE</i> , <b>2011</b> , 6, e25170	3.7	116

185	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
184	AICAR stimulates adiponectin and inhibits cytokines in adipose tissue. <i>Biochemical and Biophysical Research Communications</i> , <b>2004</b> , 316, 853-8	3.4	95
183	Ablation of AMP-activated protein kinase alpha2 activity exacerbates insulin resistance induced by high-fat feeding of mice. <i>Diabetes</i> , <b>2008</b> , 57, 2958-66	0.9	88
182	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
181	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
180	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
179	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> , <b>2009</b> , 17, P3	3.6	78
178	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> , <b>2009</b> , 23, 735-735		78
177	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
176	Contraction regulates site-specific phosphorylation of TBC1D1 in skeletal muscle. <i>Biochemical Journal</i> , <b>2010</b> , 431, 311-20	3.8	73
175	In Vivo Imaging of Human 11C-Metformin in Peripheral Organs: Dosimetry, Biodistribution, and Kinetic Analyses. <i>Journal of Nuclear Medicine</i> , <b>2016</b> , 57, 1920-1926	8.9	72
174	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> , <b>2012</b> , 32, 701-8	4	70
173	Resveratrol in metabolic health: an overview of the current evidence and perspectives. <i>Annals of the New York Academy of Sciences</i> , <b>2013</b> , 1290, 74-82	6.5	69
172	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 <sup>4.6</sup>		68
171	SLC30A3 responds to glucose- and zinc variations in beta-cells and is critical for insulin production and in vivo glucose-metabolism during beta-cell stress. <i>PLoS ONE</i> , <b>2009</b> , 4, e5684	3.7	68
170	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
169	Metformin induces cardioprotection against ischaemia/reperfusion injury in the rat heart 24 hours after administration. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2008</b> , 103, 82-7	3.1	66
168	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> , <b>2006</b> , 291, E899-905	6	66

167	CaMKII regulates contraction- but not insulin-induced glucose uptake in mouse skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2010</b> , 298, E1150-60	6	64
166	BCPT policy for experimental and clinical studies. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2021</b> , 128, 4-8	3.1	64
165	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
164	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> , <b>2011</b> , 96, E1293-7	5.6	59
163	Resveratrol ameliorates imiquimod-induced psoriasis-like skin inflammation in mice. <i>PLoS ONE</i> , <b>2015</b> , 10, e0126599	3.7	57
162	[11C]-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
161	AMPK $\alpha$ s 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
160	LKB1 regulates lipid oxidation during exercise independently of AMPK. <i>Diabetes</i> , <b>2013</b> , 62, 1490-9	0.9	54
159	GLUT4 and UBC9 protein expression is reduced in muscle from type 2 diabetic patients with severe insulin resistance. <i>PLoS ONE</i> , <b>2011</b> , 6, e27854	3.7	53
158	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> , <b>2008</b> , 93, 2842-50	5.6	53
157	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
156	Exercise increases TBC1D1 phosphorylation in human skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2011</b> , 301, E164-71	6	52
155	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> , <b>2012</b> , 302, E190-200	6	48
154	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> , <b>2005</b> , 288, E194-9	6	48
153	Growth hormone and glucose homeostasis. <i>Hormone Research in Paediatrics</i> , <b>2004</b> , 62 Suppl 3, 51-5	3.3	46
152	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> , <b>2007</b> , 92, 1834-42	5.6	45
151	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
150	Ablation of LKB1 in the heart leads to energy deprivation and impaired cardiac function. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2010</b> , 1802, 593-600	6.9	42

149	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
148	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
147	Direct effects of TNF- $\alpha$ 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> , <b>2013</b> , 62, 4023-9	0.9	39
146	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
145	FGF6 and FGF9 regulate UCP1 expression independent of brown adipogenesis. <i>Nature Communications</i> , <b>2020</b> , 11, 1421	17.4	36
144	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> , <b>2012</b> , 97, 1227-35	5.6	36
143	Growth hormone (GH)-induced insulin resistance is rapidly reversible: an experimental study in GH-deficient adults. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2011</b> , 96, 2548-57	5.6	35
142	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
141	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
140	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
139	Impact of growth hormone receptor blockade on substrate metabolism during fasting in healthy subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2009</b> , 94, 4524-32	5.6	31
138	Acute peripheral metabolic effects of intraarterial ghrelin infusion in healthy young men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2011</b> , 96, 468-77	5.6	31
137	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
136	Effect of resveratrol on experimental non-alcoholic steatohepatitis. <i>Pharmacological Research</i> , <b>2015</b> , 95-96, 34-41	10.2	30
135	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
134	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
133	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
132	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

131	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
130	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
129	Treatment with an SSRI antidepressant restores hippocampo-hypothalamic corticosteroid feedback and reverses insulin resistance in low-birth-weight rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2010</b> , 298, E920-9	6	26
128	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
127	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
126	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
125	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
124	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
123	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> , <b>2010</b> , 95, E64-8	5.6	24
122	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
121	AMP kinase in exercise adaptation of skeletal muscle. <i>Drug Discovery Today</i> , <b>2014</b> , 19, 999-1002	8.8	23
120	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> , <b>2012</b> , 97, E1348-52	5.6	23
119	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
118	Anabolic effects of leucine-rich whey protein, carbohydrate, and soy protein with and without $\beta$ -hydroxy- $\beta$ -methylbutyrate (HMB) during fasting-induced catabolism: A human randomized crossover trial. <i>Clinical Nutrition</i> , <b>2017</b> , 36, 697-705	5.9	22
117	The effect of exercise, training, and inactivity on insulin sensitivity in diabetics and their relatives: what is new?. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2007</b> , 32, 541-8	3	22
116	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> , <b>2013</b> , 305, E879-89	6	21
115	Novel serum biomarkers for erythropoietin use in humans: a proteomic approach. <i>Journal of Applied Physiology</i> , <b>2011</b> , 110, 149-56	3.7	21
114	Growth hormone controls lipolysis by regulation of FSP27 expression. <i>Journal of Endocrinology</i> , <b>2018</b> , 239, 289-301	4.7	21



113	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
112	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
111	Independent effects of testosterone on lipid oxidation and VLDL-TG production: a randomized, double-blind, placebo-controlled, crossover study. <i>Diabetes</i> , <b>2013</b> , 62, 1409-16	0.9	20
110	Insulin and GH signaling in human skeletal muscle in vivo following exogenous GH exposure: impact of an oral glucose load. <i>PLoS ONE</i> , <b>2011</b> , 6, e19392	3.7	20
109	Free fatty acids inhibit growth hormone/signal transducer and activator of transcription-5 signaling in human muscle: a potential feedback mechanism. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2009</b> , 94, 2204-7	5.6	20
108	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
107	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> , <b>2013</b> , 54, 1988-97	6.3	18
106	JNK1 deficiency does not enhance muscle glucose metabolism in lean mice. <i>Biochemical and Biophysical Research Communications</i> , <b>2006</b> , 350, 1063-8	3.4	18
105	LPS-Enhanced Glucose-Stimulated Insulin Secretion Is Normalized by Resveratrol. <i>PLoS ONE</i> , <b>2016</b> , 11, e0146840	3.7	18
104	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
103	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
102	Reduced cannabinoid receptor 1 protein in subcutaneous adipose tissue of obese. <i>European Journal of Clinical Investigation</i> , <b>2010</b> , 40, 121-6	4.6	17
101	Erythropoietin administration acutely stimulates resting energy expenditure in healthy young men. <i>Journal of Applied Physiology</i> , <b>2012</b> , 112, 1114-21	3.7	17
100	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
99	Microarray expression analysis in delayed cardioprotection: the effect of exercise, AICAR, or metformin and the possible role of AMP-activated protein kinase (AMPK). <i>Molecular and Cellular Biochemistry</i> , <b>2012</b> , 360, 353-62	4.2	16
98	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
97	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
96	Metabolic impacts of high dietary exposure to persistent organic pollutants in mice. <i>Toxicology Letters</i> , <b>2012</b> , 215, 8-15	4.4	14

95	5-Aminoimidazole-4-carboxamide-1-beta-D-ribofuranoside increases myocardial glucose uptake during reperfusion and induces late pre-conditioning: potential role of AMP-activated protein kinase. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2009</b> , 105, 10-6	3.1	14
94	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
93	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
92	Changes in adipokines after transjugular intrahepatic porto-systemic shunt indicate an anabolic shift in metabolism. <i>Clinical Nutrition</i> , <b>2012</b> , 31, 940-5	5.9	13
91	Evaluation of functional erythropoietin receptor status in skeletal muscle in vivo: acute and prolonged studies in healthy human subjects. <i>PLoS ONE</i> , <b>2012</b> , 7, e31857	3.7	13
90	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> , <b>2013</b> , 98, 2090-9	5.6	13
89	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
88	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
87	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
86	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
85	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
84	Time-course effects of physiological free fatty acid surges on insulin sensitivity in humans. <i>Acta Physiologica</i> , <b>2011</b> , 201, 349-56	5.6	12
83	Regulation of urea synthesis during the acute-phase response in rats. <i>American Journal of Physiology - Renal Physiology</i> , <b>2013</b> , 304, G680-6	5.1	11
82	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
81	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
80	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
79	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
78	Endogenous peroxisome proliferator-activated receptor-gamma augments fatty acid uptake in oxidative muscle. <i>Endocrinology</i> , <b>2008</b> , 149, 5374-83	4.8	10



77	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
76	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
75	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
74	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
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