

Niels Jessen

List of Publications by Year in descending order

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Version: 2024-02-01

217
papers

15,283
citations

34016

52
h-index

20307

116
g-index

225
all docs

225
docs citations

225
times ranked

25947
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td (edition	4.3	1,430
3	High-Dose Resveratrol Supplementation in Obese Men. <i>Diabetes</i> , 2013, 62, 1186-1195.	0.3	402
4	Distinct Signals Regulate AS160 Phosphorylation in Response to Insulin, AICAR, and Contraction in Mouse Skeletal Muscle. <i>Diabetes</i> , 2006, 55, 2067-2076.	0.3	285
5	Dissecting adipose tissue lipolysis: molecular regulation and implications for metabolic disease. <i>Journal of Molecular Endocrinology</i> , 2014, 52, R199-R222.	1.1	282
6	BCPT policy for experimental and clinical studies. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2021, 128, 4-8.	1.2	248
7	Contraction signaling to glucose transport in skeletal muscle. <i>Journal of Applied Physiology</i> , 2005, 99, 330-337.	1.2	245
8	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, 2199-2206.	0.3	223
9	Metformin reduces liver glucose production by inhibition of fructose-1-6-bisphosphatase. <i>Nature Medicine</i> , 2018, 24, 1395-1406.	15.2	212
10	Long-Term AICAR Administration and Exercise Prevents Diabetes in ZDF Rats. <i>Diabetes</i> , 2005, 54, 928-934.	0.3	197
11	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.	2.2	195
12	AMP-activated protein kinase and the regulation of glucose transport. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006, 291, E867-E877.	1.8	187
13	Skeletal Muscle-Selective Knockout of LKB1 Increases Insulin Sensitivity, Improves Glucose Homeostasis, and Decreases TRB3. <i>Molecular and Cellular Biology</i> , 2006, 26, 8217-8227.	1.1	185
14	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> , 2009, 297, E495-E504.	1.8	183
15	Chronic Treatment With 5-Aminoimidazole-4-Carboxamide-1- β -D-Ribofuranoside Increases Insulin-Stimulated Glucose Uptake and GLUT4 Translocation in Rat Skeletal Muscles in a Fiber Type-Specific Manner. <i>Diabetes</i> , 2001, 50, 12-17.	0.3	174
16	A highly sensitive and specific assay for determination of IGF-I bioactivity in human serum. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003, 284, E1149-E1155.	1.8	155
17	Effects of AICAR and exercise on insulin-stimulated glucose uptake, signaling, and GLUT-4 content in rat muscles. <i>Journal of Applied Physiology</i> , 2003, 94, 1373-1379.	1.2	153
18	Ketone Body Infusion With 3β -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, .	1.6	144

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19	Ghrelin Infusion in Humans Induces Acute Insulin Resistance and Lipolysis Independent of Growth Hormone Signaling. <i>Diabetes</i> , 2008, 57, 3205-3210.	0.3	138
20	Chronic Consumption of Farmed Salmon Containing Persistent Organic Pollutants Causes Insulin Resistance and Obesity in Mice. <i>PLoS ONE</i> , 2011, 6, e25170.	1.1	133
21	Defects in muscle branched-chain amino acid oxidation contribute to impaired lipid metabolism. <i>Molecular Metabolism</i> , 2016, 5, 926-936.	3.0	124
22	Placebo-controlled, randomised clinical trial: high-dose resveratrol treatment for non-alcoholic fatty liver disease. <i>Scandinavian Journal of Gastroenterology</i> , 2016, 51, 456-464.	0.6	109
23	In Vivo Imaging of Human ¹¹ C-Metformin in Peripheral Organs: Dosimetry, Biodistribution, and Kinetic Analyses. <i>Journal of Nuclear Medicine</i> , 2016, 57, 1920-1926.	2.8	106
24	AICAR stimulates adiponectin and inhibits cytokines in adipose tissue. <i>Biochemical and Biophysical Research Communications</i> , 2004, 316, 853-858.	1.0	105
25	Ablation of AMP-Activated Protein Kinase β Activity Exacerbates Insulin Resistance Induced by High-Fat Feeding of Mice. <i>Diabetes</i> , 2008, 57, 2958-2966.	0.3	102
26	Nicotinamide riboside does not alter mitochondrial respiration, content or morphology in skeletal muscle from obese and insulin-resistant men. <i>Journal of Physiology</i> , 2020, 598, 731-754.	1.3	97
27	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.	1.8	94
28	Differentiated mTOR but not AMPK signaling after strength vs endurance exercise in training-acustomed individuals. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2013, 23, 355-366.	1.3	89
29	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.	2.2	89
30	Physical exercise increases autophagic signaling through ULK1 in human skeletal muscle. <i>Journal of Applied Physiology</i> , 2015, 118, 971-979.	1.2	87
31	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.	1.8	85
32	Contraction regulates site-specific phosphorylation of TBC1D1 in skeletal muscle. <i>Biochemical Journal</i> , 2010, 431, 311-320.	1.7	83
33	Resveratrol Ameliorates Imiquimod-Induced Psoriasis-Like Skin Inflammation in Mice. <i>PLoS ONE</i> , 2015, 10, e0126599.	1.1	81
34	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, 701-708.	1.3	79
35	Growth Hormone and Glucose Homeostasis. <i>Hormone Research in Paediatrics</i> , 2004, 62, 51-55.	0.8	78
36	Genetic Polymorphisms in Organic Cation Transporter 1 Attenuates Hepatic Metformin Exposure in Humans. <i>Clinical Pharmacology and Therapeutics</i> , 2017, 102, 841-848.	2.3	78

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37	CaMKII regulates contraction- but not insulin-induced glucose uptake in mouse skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010, 298, E1150-E1160.	1.8	76
38	Metformin Induces Cardioprotection against Ischaemia/Reperfusion Injury in the Rat Heart 24 Hours after Administration. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2008, 103, 82-87.	1.2	75
39	SLC30A3 Responds to Glucose- and Zinc Variations in β -Cells and Is Critical for Insulin Production and In Vivo Glucose-Metabolism During β -Cell Stress. <i>PLoS ONE</i> , 2009, 4, e5684.	1.1	75
40	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.	1.1	74
41	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-E905.	1.8	73
42	[¹¹ 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> , 2016, 65, 1724-1730.	0.3	69
43	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-E1297.	1.8	68
44	Exercise increases TBC1D1 phosphorylation in human skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011, 301, E164-E171.	1.8	68
45	AMPK α is critical for enhancing skeletal muscle fatty acid utilization during <i>in vivo</i> exercise in mice. <i>FASEB Journal</i> , 2015, 29, 1725-1738.	0.2	68
46	FGF6 and FGF9 regulate UCP1 expression independent of brown adipogenesis. <i>Nature Communications</i> , 2020, 11, 1421.	5.8	67
47	LKB1 Regulates Lipid Oxidation During Exercise Independently of AMPK. <i>Diabetes</i> , 2013, 62, 1490-1499.	0.3	66
48	Fasting Increases Human Skeletal Muscle Net Phenylalanine Release and This Is Associated with Decreased mTOR Signaling. <i>PLoS ONE</i> , 2014, 9, e102031.	1.1	59
49	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, 2842-2850.	1.8	58
50	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-E200.	1.8	58
51	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-E199.	1.8	57
52	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.	1.6	57
53	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.	1.8	57
54	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.e10.	7.2	54

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55	Ablation of LKB1 in the heart leads to energy deprivation and impaired cardiac function. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2010, 1802, 593-600.	1.8	51
56	Regulation of Lipolysis and Adipose Tissue Signaling during Acute Endotoxin-Induced Inflammation: A Human Randomized Crossover Trial. <i>PLoS ONE</i> , 2016, 11, e0162167.	1.1	51
57	Placental superoxide dismutase 3 mediates benefits of maternal exercise on offspring health. <i>Cell Metabolism</i> , 2021, 33, 939-956.e8.	7.2	49
58	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, 1834-1842.	1.8	47
59	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, 1227-1235.	1.8	44
60	Experimental nonalcoholic steatohepatitis compromises ureagenesis, an essential hepatic metabolic function. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 307, G295-G301.	1.6	44
61	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, 2548-2557.	1.8	43
62	Direct Effects of TNF- α on Local Fuel Metabolism and Cytokine Levels in the Placebo-Controlled, Bilaterally Infused Human Leg. <i>Diabetes</i> , 2013, 62, 4023-4029.	0.3	43
63	Metformin increases endogenous glucose production in non-diabetic individuals and individuals with recent-onset type 2 diabetes. <i>Diabetologia</i> , 2019, 62, 1251-1256.	2.9	43
64	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.	1.8	42
65	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.	2.3	40
66	Soluble programmed death-1 levels are associated with disease activity and treatment response in patients with autoimmune hepatitis. <i>Scandinavian Journal of Gastroenterology</i> , 2017, 52, 93-99.	0.6	40
67	Effects of divergent resistance exercise contraction mode and dietary supplementation type on anabolic signalling, muscle protein synthesis and muscle hypertrophy. <i>Amino Acids</i> , 2014, 46, 2377-2392.	1.2	39
68	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> , 2020, 22, 1628-1637.	2.9	39
69	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-E235.	1.8	38
70	Impact of Growth Hormone Receptor Blockade on Substrate Metabolism during Fasting in Healthy Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 4524-4532.	1.8	37
71	Acute Peripheral Metabolic Effects of Intraarterial Ghrelin Infusion in Healthy Young Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, 468-477.	1.8	36
72	miRNAs in human subcutaneous adipose tissue: Effects of weight loss induced by hypocaloric diet and exercise. <i>Obesity</i> , 2017, 25, 572-580.	1.5	36

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73	Chronic adrenergic stimulation induces brown adipose tissue differentiation in visceral adipose tissue. <i>Diabetic Medicine</i> , 2015, 32, e4-8.	1.2	35
74	Metformin targets brown adipose tissue in vivo and reduces oxygen consumption in vitro. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 2264-2273.	2.2	35
75	Growth hormone-induced insulin resistance in human subjects involves reduced pyruvate dehydrogenase activity. <i>Acta Physiologica</i> , 2014, 210, 392-402.	1.8	34
76	Acyl Ghrelin Induces Insulin Resistance Independently of GH, Cortisol, and Free Fatty Acids. <i>Scientific Reports</i> , 2017, 7, 42706.	1.6	34
77	Effect of resveratrol on experimental non-alcoholic steatohepatitis. <i>Pharmacological Research</i> , 2015, 95-96, 34-41.	3.1	33
78	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> , 2016, 44, 1062-1070.	1.9	33
79	Renoprotective Effects of Metformin are Independent of Organic Cation Transporters 1 & 2 and AMP-activated Protein Kinase in the Kidney. <i>Scientific Reports</i> , 2016, 6, 35952.	1.6	32
80	Anabolic effects of leucine-rich whey protein, carbohydrate, and soy protein with and without l ² -hydroxy-l ² -methylbutyrate (HMB) during fasting-induced catabolism: A human randomized crossover trial. <i>Clinical Nutrition</i> , 2017, 36, 697-705.	2.3	31
81	Growth hormone controls lipolysis by regulation of FSP27 expression. <i>Journal of Endocrinology</i> , 2018, 239, 289-301.	1.2	31
82	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> , 2010, 298, E920-E929.	1.8	29
83	Cardiac vagal tone, a non-invasive measure of parasympathetic tone, is a clinically relevant tool in Type 1 diabetes mellitus. <i>Diabetic Medicine</i> , 2017, 34, 1428-1434.	1.2	29
84	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> , 2007, 32, 541-548.	0.9	28
85	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-E889.	1.8	28
86	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, 289-296.	1.2	28
87	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> , 2019, 145, 1449-1460.	1.2	28
88	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-E1352.	1.8	27
89	Nampt controls skeletal muscle development by maintaining Ca ²⁺ homeostasis and mitochondrial integrity. <i>Molecular Metabolism</i> , 2021, 53, 101271.	3.0	27
90	Independent Effects of Testosterone on Lipid Oxidation and VLDL-TG Production. <i>Diabetes</i> , 2013, 62, 1409-1416.	0.3	26

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91	AMP kinase in exercise adaptation of skeletal muscle. <i>Drug Discovery Today</i> , 2014, 19, 999-1002.	3.2	26
92	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.	1.6	26
93	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-E68.	1.8	25
94	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.	1.1	25
95	Results from 11C-metformin-PET scans, tissue analysis and cellular drug-sensitivity assays questions the view that biguanides affects tumor respiration directly. <i>Scientific Reports</i> , 2017, 7, 9436.	1.6	25
96	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.	1.2	25
97	Growth Hormone and Obesity. <i>Endocrinology and Metabolism Clinics of North America</i> , 2020, 49, 239-250.	1.2	25
98	Novel serum biomarkers for erythropoietin use in humans: a proteomic approach. <i>Journal of Applied Physiology</i> , 2011, 110, 149-156.	1.2	24
99	Resistance exercise, but not endurance exercise, induces IKK β phosphorylation in human skeletal muscle of training-accustomed individuals. <i>Pflugers Archiv European Journal of Physiology</i> , 2013, 465, 1785-1795.	1.3	23
100	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, 1988-1997.	2.0	22
101	LPS-Enhanced Glucose-Stimulated Insulin Secretion Is Normalized by Resveratrol. <i>PLoS ONE</i> , 2016, 11, e0146840.	1.1	22
102	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.	1.8	22
103	Prolonged fasting-induced metabolic signatures in human skeletal muscle of lean and obese men. <i>PLoS ONE</i> , 2018, 13, e0200817.	1.1	22
104	Endothelial cell heterogeneity and microglia regulons revealed by a pig cell landscape at single-cell level. <i>Nature Communications</i> , 2022, 13, .	5.8	22
105	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> , 2009, 94, 2204-2207.	1.8	21
106	JNK1 deficiency does not enhance muscle glucose metabolism in lean mice. <i>Biochemical and Biophysical Research Communications</i> , 2006, 350, 1063-1068.	1.0	20
107	A PET Tracer for Renal Organic Cation Transporters, ¹¹ C-Metformin: Radiosynthesis and Preclinical Proof-of-Concept Studies. <i>Journal of Nuclear Medicine</i> , 2016, 57, 615-621.	2.8	20
108	Hepatic exposure of metformin in patients with non-alcoholic fatty liver disease. <i>British Journal of Clinical Pharmacology</i> , 2019, 85, 1761-1770.	1.1	19

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109	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.	2.9	18
110	Metformin does not affect postabsorptive hepatic free fatty acid uptake, oxidation or resecretion in humans: A 3â€month placeboâ€controlled clinical trial in patients with type 2 diabetes and healthy controls. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 1435-1444.	2.2	18
111	Oral <i>D/L-3-Hydroxybutyrate</i> Stimulates Cholecystokinin and Insulin Secretion and Slows Gastric Emptying in Healthy Males. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e3597-e3605.	1.8	18
112	Human and mouse muscle transcriptomic analyses identify insulin receptor mRNA downregulation in hyperinsulinemiaâ€associated insulin resistance. <i>FASEB Journal</i> , 2022, 36, e22088.	0.2	18
113	Reduced cannabinoid receptor 1 protein in subcutaneous adipose tissue of obese. <i>European Journal of Clinical Investigation</i> , 2010, 40, 121-126.	1.7	17
114	Erythropoietin administration acutely stimulates resting energy expenditure in healthy young men. <i>Journal of Applied Physiology</i> , 2012, 112, 1114-1121.	1.2	17
115	Changes in adipokines after transjugular intrahepatic porto-systemic shunt indicate an anabolic shift in metabolism. <i>Clinical Nutrition</i> , 2012, 31, 940-945.	2.3	17
116	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> , 2012, 360, 353-362.	1.4	17
117	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, 2090-2099.	1.8	17
118	Kinetics and utilization of lipid sources during acute exercise and acipimox. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 307, E199-E208.	1.8	17
119	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.	3.0	17
120	Type 2 diabetes classification: a data-driven cluster study of the Danish Centre for Strategic Research in Type 2 Diabetes (DD2) cohort. <i>BMJ Open Diabetes Research and Care</i> , 2022, 10, e002731.	1.2	17
121	5-Aminoimidazole-4-carboxamide-1-Î²-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> , 2009, 105, 10-16.	1.2	16
122	GH signaling in human adipose and muscle tissue during â€feast and famineâ€™: amplification of exercise stimulation following fasting compared to glucose administration. <i>European Journal of Endocrinology</i> , 2015, 173, 283-290.	1.9	16
123	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> , 2017, 102, 4031-4040.	1.8	16
124	Macrophage activation marker sCD163 correlates with accelerated lipolysis following LPS exposure: a human-randomised clinical trial. <i>Endocrine Connections</i> , 2018, 7, 107-114.	0.8	16
125	Time-course effects of physiological free fatty acid surges on insulin sensitivity in humans. <i>Acta Physiologica</i> , 2011, 201, 349-356.	1.8	15
126	Metabolic impacts of high dietary exposure to persistent organic pollutants in mice. <i>Toxicology Letters</i> , 2012, 215, 8-15.	0.4	15

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127	Regulation of urea synthesis during the acute-phase response in rats. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 304, G680-G686.	1.6	15
128	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-E2573.	1.8	15
129	Acute metabolic effects of melatonin – A randomized crossover study in healthy young men. <i>Journal of Pineal Research</i> , 2021, 70, e12706.	3.4	15
130	Assessment of the cardiovascular and gastrointestinal autonomic complications of diabetes. <i>World Journal of Diabetes</i> , 2016, 7, 321.	1.3	15
131	Effects of SGLT2 inhibition on lipid transport in adipose tissue in type 2 diabetes. <i>Endocrine Connections</i> , 2022, 11, .	0.8	15
132	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.	1.1	14
133	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, 668-675.	1.4	14
134	Immobilization Decreases FOXO3a Phosphorylation and Increases Autophagy-Related Gene and Protein Expression in Human Skeletal Muscle. <i>Frontiers in Physiology</i> , 2019, 10, 736.	1.3	14
135	Metformin Biodistribution: A Key to Mechanisms of Action?. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, .	1.8	14
136	Compound- and fiber type-selective requirement of AMPK ^{Î³3} for insulin-independent glucose uptake in skeletal muscle. <i>Molecular Metabolism</i> , 2021, 51, 101228.	3.0	14
137	Reversible insulin resistance in muscle and fat unrelated to the metabolic syndrome in patients with acromegaly. <i>EBioMedicine</i> , 2022, 75, 103763.	2.7	14
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