Niels Jessen

List of Publications by Year in descending order

217 papers	15,283 citations	39113 52 h-index	23173 116 g-index
225 all docs	225 docs citations	225 times ranked	28011 citing authors

#	Article	IF	Citations
1	Reversible insulin resistance in muscle and fat unrelated to the metabolic syndrome in patients with acromegaly. EBioMedicine, 2022, 75, 103763.	2.7	14
2	Oral lactate slows gastric emptying and suppresses appetite in young males. Clinical Nutrition, 2022, 41, 517-525.	2.3	10
3	LPS induces rapid increase in GDF15 levels in mice, rats, and humans but is not required for anorexia in mice. American Journal of Physiology - Renal Physiology, 2022, 322, G247-G255.	1.6	8
4	Human and mouse muscle transcriptomic analyses identify insulin receptor mRNA downregulation in hyperinsulinemiaâ€associated insulin resistance. FASEB Journal, 2022, 36, e22088.	0.2	18
5	Effects of SGLT2 inhibition on lipid transport in adipose tissue in type 2 diabetes. Endocrine Connections, 2022, 11, .	0.8	15
6	Type 2 diabetes classification: a data-driven cluster study of the Danish Centre for Strategic Research in Type 2 Diabetes (DD2) cohort. BMJ Open Diabetes Research and Care, 2022, 10, e002731.	1.2	17
7	PEN2: Metforminâ€™s new partner at lysosome. Cell Research, 2022, 32, 507-508.	5.7	1
8	Three months of melatonin treatment reduces insulin sensitivity in patients with type 2 diabetesâ€”AÂrandomized placeboâ€controlled crossover trial. Journal of Pineal Research, 2022, 73, .	3.4	10
9	Endothelial cell heterogeneity and microglia regulons revealed by a pig cell landscape at single-cell level. Nature Communications, 2022, 13, .	5.8	22
10	Differential Changes in Circulating Steroid Hormones in Hibernating Brown Bears: Preliminary Conclusions and Caveats. Physiological and Biochemical Zoology, 2022, 95, 365-378.	0.6	1
11	Massively targeted evaluation of therapeutic CRISPR off-targets in cells. Nature Communications, 2022, 13, .	5.8	11
12	Metformin Lowers Body Weight But Fails to Increase Insulin Sensitivity in Chronic Heart Failure Patients without Diabetes: a Randomized, Double-Blind, Placebo-Controlled Study. Cardiovascular Drugs and Therapy, 2021, 35, 491-503.	1.3	6
13	Acute metabolic effects of melatoninâ€”A randomized crossover study in healthy young men. Journal of Pineal Research, 2021, 70, e12706.	3.4	15
14	BCPT policy for experimental and clinical studies. Basic and Clinical Pharmacology and Toxicology, 2021, 128, 4-8.	1.2	248
15	Oral 3â€hydroxybutyrate ingestion decreases endogenous glucose production, lipolysis, and hormoneâ€sensitive lipase phosphorylation in adipose tissue in men: a human randomized, controlled, crossover trial. Diabetic Medicine, 2021, 38, e14385.	1.2	11
16	Î²-Lactoglobulin Elevates Insulin and Glucagon Concentrations Compared with Whey Proteinâ€”A Randomized Double-Blinded Crossover Trial in Patients with Type Two Diabetes Mellitus. Nutrients, 2021, 13, 308.	1.7	5
17	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. Frontiers in Nutrition, 2021, 8, 617344.	1.6	4
18	Î²-Lactoglobulin Is Insulinotropic Compared with Casein and Whey Protein Ingestion during Catabolic Conditions in Men in a Double-Blinded Randomized Crossover Trial. Journal of Nutrition, 2021, 151, 1462-1472.	1.3	4

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19	Subcutaneous adipose tissue composition and function are unaffected by liraglutideâ€induced weight loss in adults with type 1 diabetes. Basic and Clinical Pharmacology and Toxicology, 2021, 128, 773-782.	1.2	3
20	Parathyroid hormone receptor stimulation induces human adipocyte lipolysis and browning. European Journal of Endocrinology, 2021, 184, 687-697.	1.9	2
21	Placental superoxide dismutase 3 mediates benefits of maternal exercise on offspring health. Cell Metabolism, 2021, 33, 939-956.e8.	7.2	49
22	Randomised clinical study: acute effects of metformin versus placebo on portal pressure in patients with cirrhosis and portal hypertension. Alimentary Pharmacology and Therapeutics, 2021, 54, 320-328.	1.9	9
23	Anabolic effects of oral leucine-rich protein with and without Î²-hydroxybutyrate on muscle protein metabolism in a novel clinical model of systemic inflammationâ€"a randomized crossover trial. American Journal of Clinical Nutrition, 2021, 114, 1159-1172.	2.2	10
24	Editorial: metformin for portal hypertensionâ€"old dog, new tricks? Authors' reply. Alimentary Pharmacology and Therapeutics, 2021, 54, 347-347.	1.9	0
25	The Effect of Melatonin on Incretin Hormones: Results From Experimental and Randomized Clinical Studies. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e5109-e5123.	1.8	1
26	Isolation and characterization of muscle stem cells, fibro-adipogenic progenitors, and macrophages from human skeletal muscle biopsies. American Journal of Physiology - Cell Physiology, 2021, 321, C257-C268.	2.1	9
27	Metformin Stimulates Intestinal Glycolysis and Lactate Release: A singleâ€Dose Study of Metformin in Patients With Intrahepatic Portosystemic Stent. Clinical Pharmacology and Therapeutics, 2021, 110, 1329-1336.	2.3	11
28	Compound- and fiber type-selective requirement of AMPKÎ³3 for insulin-independent glucose uptake in skeletal muscle. Molecular Metabolism, 2021, 51, 101228.	3.0	14
29	Nampt controls skeletal muscle development by maintaining Ca2+ homeostasis and mitochondrial integrity. Molecular Metabolism, 2021, 53, 101271.	3.0	27
30	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td (edition	4.3	1,430
31	Hyperpolarized [1â€¹³C]pyruvate combined with the hyperinsulinaemic euglycaemic and hypoglycaemic clamp technique in skeletal muscle in a large animal model. Experimental Physiology, 2021, 106, 2412-2422.	0.9	1
32	Human skeletal muscle CD90+ fibro-adipogenic progenitors are associated with muscle degeneration in type 2 diabetic patients. Cell Metabolism, 2021, 33, 2201-2214.e10.	7.2	54
33	Nicotinamide riboside does not alter mitochondrial respiration, content or morphology in skeletal muscle from obese and insulinâ€resistant men. Journal of Physiology, 2020, 598, 731-754.	1.3	97
34	A randomised, doubleâ€blind, placeboâ€controlled trial of metformin on myocardial efficiency in insulinâ€resistant chronic heart failure patients without diabetes. European Journal of Heart Failure, 2020, 22, 1628-1637.	2.9	39
35	Growth hormone upregulates ANGPTL4 mRNA and suppresses lipoprotein lipase via fatty acids: Randomized experiments in human individuals. Metabolism: Clinical and Experimental, 2020, 105, 154188.	1.5	12
36	Oral D/L-3-Hydroxybutyrate Stimulates Cholecystokinin and Insulin Secretion and Slows Gastric Emptying in Healthy Males. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e3597-e3605.	1.8	18

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37	Insulin resistance induced by growth hormone is linked to lipolysis and associated with suppressed pyruvate dehydrogenase activity in skeletal muscle: a 2â€‰Ã—â€‰2 factorial, randomised, crossover study in human individuals. Diabetologia, 2020, 63, 2641-2653.	2.9	10
38	A Human Randomized Controlled Trial Comparing Metabolic Responses to Single and Repeated Hypoglycemia in Type 1 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e4699-e4711.	1.8	10
39	BCPT Young Researcher Nordic Prize 2020 in Basic & Clinical Pharmacology & Toxicology. Basic and Clinical Pharmacology and Toxicology, 2020, 127, 449-450.	1.2	1
40	Metformin Biodistribution: A Key to Mechanisms of Action?. Journal of Clinical Endocrinology and Metabolism, 2020, 105, .	1.8	14
41	FGF6 and FGF9 regulate UCP1 expression independent of brown adipogenesis. Nature Communications, 2020, 11, 1421.	5.8	67
42	Metformin is distributed to tumor tissue in breast cancer patients in vivo: A 11C-metformin PET/CT study. Breast Cancer Research and Treatment, 2020, 181, 107-113.	1.1	3
43	The acute effects of growth hormone in adipose tissue is associated with suppression of antilipolytic signals. Physiological Reports, 2020, 8, e14373.	0.7	11
44	Growth Hormone and Obesity. Endocrinology and Metabolism Clinics of North America, 2020, 49, 239-250.	1.2	25
45	A model mimicking catabolic inflammatory disease; a controlled randomized study in humans. PLoS ONE, 2020, 15, e0241274.	1.1	4
46	Differences in intrinsic aerobic capacity alters sensitivity to ischemia-reperfusion injury but not cardioprotective capacity by ischemic preconditioning in rats. PLoS ONE, 2020, 15, e0240866.	1.1	4
47	Acute and sustained effects of a periodized carbohydrate intake using the sleepâ€low model in enduranceâ€trained males. Scandinavian Journal of Medicine and Science in Sports, 2019, 29, 1866-1880.	1.3	11
48	Effects of short-term prednisolone treatment on indices of lipolysis and lipase signaling in abdominal adipose tissue in healthy humans. Metabolism: Clinical and Experimental, 2019, 99, 1-10.	1.5	9
49	Effects of Nicotinamide Riboside on Endocrine Pancreatic Function and Incretin Hormones in Nondiabetic Men With Obesity. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 5703-5714.	1.8	57
50	Temporal patterns of lipolytic regulators in adipose tissue after acute growth hormone exposure in human subjects: A randomized controlled crossover trial. Molecular Metabolism, 2019, 29, 65-75.	3.0	17
51	Acipimox Acutely Increases GLP-1 Concentrations in Overweight Subjects and Hypopituitary Patients. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 2581-2592.	1.8	7
52	Immobilization Decreases FOXO3a Phosphorylation and Increases Autophagy-Related Gene and Protein Expression in Human Skeletal Muscle. Frontiers in Physiology, 2019, 10, 736.	1.3	14
53	Unacylated Ghrelin Does Not Acutely Affect Substrate Metabolism or Insulin Sensitivity in Men With Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 2435-2442.	1.8	3
54	Underpowered or negative? A crucial distinction. Diabetologia, 2019, 62, 1094-1095.	2.9	2

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55	Molecular and cellular adaptations to exercise training in skeletal muscle from cancer patients treated with chemotherapy. Journal of Cancer Research and Clinical Oncology, 2019, 145, 1449-1460.	1.2	28
56	Hepatic exposure of metformin in patients with nonâ€alcoholic fatty liver disease. British Journal of Clinical Pharmacology, 2019, 85, 1761-1770.	1.1	19
57	Metformin increases endogenous glucose production in non-diabetic individuals and individuals with recent-onset type 2 diabetes. Diabetologia, 2019, 62, 1251-1256.	2.9	43
58	Redundancy in regulation of lipid accumulation in skeletal muscle during prolonged fasting in obese men. Physiological Reports, 2019, 7, e14285.	0.7	10
59	Growth hormone signaling and action in obese versus lean human subjects. American Journal of Physiology - Endocrinology and Metabolism, 2019, 316, E333-E344.	1.8	12
60	Molecular adaptations in human subcutaneous adipose tissue after ten weeks of endurance exercise training in healthy males. Journal of Applied Physiology, 2019, 126, 569-577.	1.2	25
61	Growth hormone acts along the PPARÎ³-FSP27 axis to stimulate lipolysis in human adipocytes. American Journal of Physiology - Endocrinology and Metabolism, 2019, 316, E34-E42.	1.8	42
62	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. Diabetologia, 2019, 62, 494-503.	2.9	13
63	Assessment of mouse liver [1-13C]pyruvate metabolism by dynamic hyperpolarized MRS. Journal of Endocrinology, 2019, 242, 251-260.	1.2	7
64	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. Diabetes, Obesity and Metabolism, 2018, 20, 1435-1444.	2.2	18
65	Macrophage activation marker sCD163 correlates with accelerated lipolysis following LPS exposure: a human-randomised clinical trial. Endocrine Connections, 2018, 7, 107-114.	0.8	16
66	Type 2 diabetes mellitus worsens neurological injury following cardiac arrest: an animal experimental study. Intensive Care Medicine Experimental, 2018, 6, 23.	0.9	5
67	Hyperpolarized [1â€•¹³ C] pyruvate as a possible diagnostic tool in liver disease. Physiological Reports, 2018, 6, e13943.	0.7	11
68	Evaluation of Active Brown Adipose Tissue by the Use of Hyperpolarized [1-13C]Pyruvate MRI in Mice. International Journal of Molecular Sciences, 2018, 19, 2597.	1.8	11
69	Prolonged fasting-induced metabolic signatures in human skeletal muscle of lean and obese men. PLoS ONE, 2018, 13, e0200817.	1.1	22
70	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. American Journal of Clinical Nutrition, 2018, 108, 857-867.	2.2	89
71	EP-2315: Tumor IGF-1 and insulin receptor expression and its linkage to anti-receptor treatment response. Radiotherapy and Oncology, 2018, 127, S1277-S1278.	0.3	0
72	Sevoflurane Impairs Insulin Secretion and Tissueâ€Specific Glucose Uptake In Vivo. Basic and Clinical Pharmacology and Toxicology, 2018, 123, 732-738.	1.2	7

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73	Imaging in Pharmacogenetics. Advances in Pharmacology, 2018, 83, 95-107.	1.2	2
74	Insulin inhibits autophagy signaling independent of counterregulatory hormone levels but does not affect the effects of exercise. Journal of Applied Physiology, 2018, 125, 1204-1209.	1.2	8
75	A randomized placebo-controlled clinical trial of nicotinamide riboside in obese men: safety, insulin-sensitivity, and lipid-mobilizing effects. American Journal of Clinical Nutrition, 2018, 108, 343-353.	2.2	195
76	Metformin targets brown adipose tissue in vivo and reduces oxygen consumption in vitro. Diabetes, Obesity and Metabolism, 2018, 20, 2264-2273.	2.2	35
77	Metformin reduces liver glucose production by inhibition of fructose-1-6-bisphosphatase. Nature Medicine, 2018, 24, 1395-1406.	15.2	212
78	Growth hormone controls lipolysis by regulation of FSP27 expression. Journal of Endocrinology, 2018, 239, 289-301.	1.2	31
79	Anabolic effects of leucine-rich whey protein, carbohydrate, and soy protein with and without Î²-hydroxy-Î²-methylbutyrate (HMB) during fasting-induced catabolism: A human randomized crossover trial. Clinical Nutrition, 2017, 36, 697-705.	2.3	31
80	Acyl Ghrelin Induces Insulin Resistance Independently of GH, Cortisol, and Free Fatty Acids. Scientific Reports, 2017, 7, 42706.	1.6	34
81	miRNAs in human subcutaneous adipose tissue: Effects of weight loss induced by hypocaloric diet and exercise. Obesity, 2017, 25, 572-580.	1.5	36
82	Altered gene expression and repressed markers of autophagy in skeletal muscle of insulin resistant patients with type 2 diabetes. Scientific Reports, 2017, 7, 43775.	1.6	57
83	Ketone Body Infusion With 3â€Hydroxybutyrate Reduces Myocardial Glucose Uptake and Increases Blood Flow in Humans: A Positron Emission Tomography Study. Journal of the American Heart Association, 2017, 6, .	1.6	144
84	Substrate Metabolism and Insulin Sensitivity During Fasting in Obese Human Subjects: Impact of GH Blockade. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 1340-1349.	1.8	22
85	Acute Hypoglycemia in Healthy Humans Impairs Insulin-Stimulated Glucose Uptake and Glycogen Synthase in Skeletal Muscle: A Randomized Clinical Study. Diabetes, 2017, 66, 2483-2494.	0.3	7
86	No Beneficial Effects of Resveratrol on the Metabolic Syndrome: A Randomized Placebo-Controlled Clinical Trial. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 1642-1651.	1.8	94
87	Genetic Polymorphisms in Organic Cation Transporter 1 Attenuates Hepatic Metformin Exposure in Humans. Clinical Pharmacology and Therapeutics, 2017, 102, 841-848.	2.3	78
88	Enrichment of Genetic Variants in the Glucocorticoid Receptor Signalling Pathway in Autoimmune Hepatitis with Failure of Standard Treatment. Basic and Clinical Pharmacology and Toxicology, 2017, 121, 189-194.	1.2	5
89	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. Diabetologia, 2017, 60, 1197-1206.	2.9	5
90	High expression of organic cation transporter 3 in human BAT-like adipocytes. Implications for extraneuronal norepinephrine uptake. Molecular and Cellular Endocrinology, 2017, 443, 15-22.	1.6	11

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91	Results from 11C-metformin-PET scans, tissue analysis and cellular drug-sensitivity assays questions the view that biguanides affects tumor respiration directly. Scientific Reports, 2017, 7, 9436.	1.6	25
92	Cardiac vagal tone, a nonâ€invasive measure of parasympathetic tone, is a clinically relevant tool in Type 1 diabetes mellitus. Diabetic Medicine, 2017, 34, 1428-1434.	1.2	29
93	Soluble programmed death-1 levels are associated with disease activity and treatment response in patients with autoimmune hepatitis. Scandinavian Journal of Gastroenterology, 2017, 52, 93-99.	0.6	40
94	Effects of insulin-induced hypoglycaemia on lipolysis rate, lipid oxidation and adipose tissue signalling in human volunteers: a randomised clinical study. Diabetologia, 2017, 60, 143-152.	2.9	18
95	Effects of Prednisolone on Serum and Tissue Fluid IGF-I Receptor Activation and Post-Receptor Signaling in Humans. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 4031-4040.	1.8	16
96	LPS-Enhanced Glucose-Stimulated Insulin Secretion Is Normalized by Resveratrol. PLoS ONE, 2016, 11, e0146840.	1.1	22
97	Regulation of Lipolysis and Adipose Tissue Signaling during Acute Endotoxin-Induced Inflammation: A Human Randomized Crossover Trial. PLoS ONE, 2016, 11, e0162167.	1.1	51
98	Effect of resveratrol on experimental nonâ€alcoholic fatty liver disease depends on severity of pathology and timing of treatment. Journal of Gastroenterology and Hepatology (Australia), 2016, 31, 668-675.	1.4	14
99	Differential regulation of lipid and protein metabolism in obese vs. lean subjects before and after a 72-h fast. American Journal of Physiology - Endocrinology and Metabolism, 2016, 311, E224-E235.	1.8	38
100	Renal PET-imaging with 11C-metformin in a transgenic mouse model for chronic kidney disease. EJNMMI Research, 2016, 6, 54.	1.1	5
101	Renoprotective Effects of Metformin are Independent of Organic Cation Transporters 1 & 2 and AMP-activated Protein Kinase in the Kidney. Scientific Reports, 2016, 6, 35952.	1.6	32
102	Reply: Letter to the editor â€“ A dietary amino acid load causes a transient decrease in the function of human neutrophil granulocytes. Clinical Nutrition, 2016, 35, 771.	2.3	0
103	Pronounced expression of the lipolytic inhibitor G0/G1 Switch Gene 2 (G0S2) in adipose tissue from brown bears (Ursus arctos) prior to hibernation. Physiological Reports, 2016, 4, e12781.	0.7	12
104	In Vivo Imaging of Human ¹¹C-Metformin in Peripheral Organs: Dosimetry, Biodistribution, and Kinetic Analyses. Journal of Nuclear Medicine, 2016, 57, 1920-1926.	2.8	106
105	PO-0994: Assessment of [11C]-metformin PET for identification of patients suitable for metformin treatment. Radiotherapy and Oncology, 2016, 119, S482-S483.	0.3	0
106	Growth Hormone and Insulin Signaling in Acromegaly: Impact of Surgery Versus Somatostatin Analog Treatment. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 3716-3723.	1.8	9
107	Stress hormone release is a key component of the metabolic response to lipopolysaccharide: studies in hypopituitary and healthy subjects. European Journal of Endocrinology, 2016, 175, 455-465.	1.9	6
108	Defects in muscle branched-chain amino acid oxidation contribute to impaired lipid metabolism. Molecular Metabolism, 2016, 5, 926-936.	3.0	124

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109	Singleâ€centre experience of the macrophage activation marker soluble (s)CD163 â€“ associations with disease activity and treatment response in patients with autoimmune hepatitis. Alimentary Pharmacology and Therapeutics, 2016, 44, 1062-1070.	1.9	33
110	Erythropoietin does not activate erythropoietin receptor signaling or lipolytic pathways in human subcutaneous white adipose tissue in vivo. Lipids in Health and Disease, 2016, 15, 160.	1.2	5
111	Clinical Pharmacology in Denmark in 2016 â€“ 40 Years with the Danish Society of Clinical Pharmacology and 20 Years as a Medical Speciality. Basic and Clinical Pharmacology and Toxicology, 2016, 119, 523-532.	1.2	12
112	Delaying time to first nocturnal void may have beneficial effects on reducing blood glucose levels. Endocrine, 2016, 53, 722-729.	1.1	9
113	A PET Tracer for Renal Organic Cation Transporters, ¹¹C-Metformin: Radiosynthesis and Preclinical Proof-of-Concept Studies. Journal of Nuclear Medicine, 2016, 57, 615-621.	2.8	20
114	Placebo-controlled, randomised clinical trial: high-dose resveratrol treatment for non-alcoholic fatty liver disease. Scandinavian Journal of Gastroenterology, 2016, 51, 456-464.	0.6	109
115	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
116	[11C]-Labeled Metformin Distribution in the Liver and Small Intestine Using Dynamic Positron Emission Tomography in Mice Demonstrates Tissue-Specific Transporter Dependency. Diabetes, 2016, 65, 1724-1730.	0.3	69
117	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. Diabetes, 2016, 65, 1380-1386.	0.3	13
118	Amino acid supplementation is anabolic during the acute phase of endotoxin-induced inflammation: A human randomized crossover trial. Clinical Nutrition, 2016, 35, 322-330.	2.3	40
119	Assessment of the cardiovascular and gastrointestinal autonomic complications of diabetes. World Journal of Diabetes, 2016, 7, 321.	1.3	15
120	Chronic adrenergic stimulation induces brown adipose tissue differentiation in visceral adipose tissue. Diabetic Medicine, 2015, 32, e4-8.	1.2	35
121	Resveratrol Ameliorates Imiquimod-Induced Psoriasis-Like Skin Inflammation in Mice. PLoS ONE, 2015, 10, e0126599.	1.1	81
122	GH signaling in human adipose and muscle tissue during â€˜feast and famineâ€™: amplification of exercise stimulation following fasting compared to glucose administration. European Journal of Endocrinology, 2015, 173, 283-290.	1.9	16
123	Physical exercise increases autophagic signaling through ULK1 in human skeletal muscle. Journal of Applied Physiology, 2015, 118, 971-979.	1.2	87
124	Intact Pituitary Function is Decisive for the Catabolic Response to TNF-Î±: Studies of Protein, Glucose and Fatty Acid Metabolism in Hypopituitary and Healthy Subjects. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 578-586.	1.8	6
125	AMPKÎ± is critical for enhancing skeletal muscle fatty acid utilization duringin vivoexercise in mice. FASEB Journal, 2015, 29, 1725-1738.	0.2	68
126	P1044 : Randomised, placebo-controlled clinical trial: Long-term resveratrol treatment for non-alcoholic fatty liver disease. Journal of Hepatology, 2015, 62, S739.	1.8	1

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127	Effect of resveratrol on experimental non-alcoholic steatohepatitis. Pharmacological Research, 2015, 95-96, 34-41.	3.1	33
128	ReducedCD300LGmRNA tissue expression, increased intramyocellular lipid content and impaired glucose metabolism in healthy male carriers of Arg82Cys inCD300LG: a novel genometabolic cross-link betweenCD300LGand common metabolic phenotypes. BMJ Open Diabetes Research and Care, 2015, 3, e000095.	1.2	13
129	Prolonged erythropoietin treatment does not impact gene expression in human skeletal muscle. Muscle and Nerve, 2015, 51, 554-561.	1.0	8
130	Fasting Increases Human Skeletal Muscle Net Phenylalanine Release and This Is Associated with Decreased mTOR Signaling. PLoS ONE, 2014, 9, e102031.	1.1	59
131	Growth Hormone Signaling in Muscle and Adipose Tissue of Obese Human Subjects: Associations With Measures of Body Composition and Interaction With Resveratrol Treatment. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E2565-E2573.	1.8	15
132	Sustained AS160 and TBC1D1 phosphorylations in human skeletal muscle 30 min after a single bout of exercise. Journal of Applied Physiology, 2014, 117, 289-296.	1.2	28
133	Growth hormoneâ€induced insulin resistance in human subjects involves reduced pyruvate dehydrogenase activity. Acta Physiologica, 2014, 210, 392-402.	1.8	34
134	Dissecting adipose tissue lipolysis: molecular regulation and implications for metabolic disease. Journal of Molecular Endocrinology, 2014, 52, R199-R222.	1.1	282
135	GH signaling in skeletal muscle and adipose tissue in healthy human subjects: impact of gender and age. European Journal of Endocrinology, 2014, 171, 623-631.	1.9	8
136	AMP kinase in exercise adaptation of skeletal muscle. Drug Discovery Today, 2014, 19, 999-1002.	3.2	26
137	Effects of divergent resistance exercise contraction mode and dietary supplementation type on anabolic signalling, muscle protein synthesis and muscle hypertrophy. Amino Acids, 2014, 46, 2377-2392.	1.2	39
138	Experimental nonalcoholic steatohepatitis compromises ureagenesis, an essential hepatic metabolic function. American Journal of Physiology - Renal Physiology, 2014, 307, G295-G301.	1.6	44
139	Kinetics and utilization of lipid sources during acute exercise and acipimox. American Journal of Physiology - Endocrinology and Metabolism, 2014, 307, E199-E208.	1.8	17
140	Short-term resveratrol supplementation stimulates serum levels of bone-specific alkaline phosphatase in obese non-diabetic men. Journal of Functional Foods, 2014, 6, 305-310.	1.6	26
141	Differentiated <scp>mTOR</scp> but not <scp>AMPK</scp> signaling after strength vs endurance exercise in trainingâ€accustomed individuals. Scandinavian Journal of Medicine and Science in Sports, 2013, 23, 355-366.	1.3	89
142	Resistance exercise, but not endurance exercise, induces IKKÎ² phosphorylation in human skeletal muscle of training-accustomed individuals. Pflugers Archiv European Journal of Physiology, 2013, 465, 1785-1795.	1.3	23
143	Resveratrol in metabolic health: an overview of the current evidence and perspectives. Annals of the New York Academy of Sciences, 2013, 1290, 74-82.	1.8	85
144	High-Dose Resveratrol Supplementation in Obese Men. Diabetes, 2013, 62, 1186-1195.	0.3	402

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145	Regulation of urea synthesis during the acute-phase response in rats. American Journal of Physiology - Renal Physiology, 2013, 304, G680-G686.	1.6	15
146	LKB1 Regulates Lipid Oxidation During Exercise Independently of AMPK. Diabetes, 2013, 62, 1490-1499.	0.3	66
147	Direct Effects of Locally Administered Lipopolysaccharide on Glucose, Lipid, and Protein Metabolism in the Placebo-Controlled, Bilaterally Infused Human Leg. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 2090-2099.	1.8	17
148	Ghrelin- and GH-induced insulin resistance: no association with retinol-binding protein-4. Endocrine Connections, 2013, 2, 96-103.	0.8	4
149	Independent Effects of Testosterone on Lipid Oxidation and VLDL-TG Production. Diabetes, 2013, 62, 1409-1416.	0.3	26
150	Whole body metabolic effects of prolonged endurance training in combination with erythropoietin treatment in humans: a randomized placebo controlled trial. American Journal of Physiology - Endocrinology and Metabolism, 2013, 305, E879-E889.	1.8	28
151	Direct Effects of TNF-Î± on Local Fuel Metabolism and Cytokine Levels in the Placebo-Controlled, Bilaterally Infused Human Leg. Diabetes, 2013, 62, 4023-4029.	0.3	43
152	Gene expression in skeletal muscle after an acute intravenous GH bolus in human subjects: identification of a mechanism regulating ANGPTL4. Journal of Lipid Research, 2013, 54, 1988-1997.	2.0	22
153	Insulin resistance after a 72-h fast is associated with impaired AS160 phosphorylation and accumulation of lipid and glycogen in human skeletal muscle. American Journal of Physiology - Endocrinology and Metabolism, 2012, 302, E190-E200.	1.8	58
154	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. Journal of Clinical Endocrinology and Metabolism, 2012, 97, E1348-E1352.	1.8	27
155	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. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 1227-1235.	1.8	44
156	Erythropoietin administration acutely stimulates resting energy expenditure in healthy young men. Journal of Applied Physiology, 2012, 112, 1114-1121.	1.2	17
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