

Pirjo Nuutila

List of Publications by Year in descending order

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Version: 2024-02-01

242
papers

18,486
citations

17405

63
h-index

14702

127
g-index

255
all docs

255
docs citations

255
times ranked

18550
citing authors

#	ARTICLE	IF	CITATIONS
1	Brown adipose tissue fat-fraction is associated with skeletal muscle adiposity. <i>European Journal of Applied Physiology</i> , 2022, 122, 81-90.	1.2	2
2	Obesity risk is associated with altered cerebral glucose metabolism and decreased μ -opioid and CB1 receptor availability. <i>International Journal of Obesity</i> , 2022, 46, 400-407.	1.6	16
3	μ -opioid receptor availability is associated with sex drive in human males. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2022, 22, 281-290.	1.0	3
4	Novel effects of the gastrointestinal hormone secretin on cardiac metabolism and renal function. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2022, 322, E54-E62.	1.8	3
5	Atlas of type 2 dopamine receptors in the human brain: Age and sex dependent variability in a large PET cohort. <i>NeuroImage</i> , 2022, 255, 119149.	2.1	8
6	Hepatic Positron Emission Tomography: Applications in Metabolism, Haemodynamics and Cancer. <i>Metabolites</i> , 2022, 12, 321.	1.3	1
7	Obesity-associated Blunted Subcutaneous Adipose Tissue Blood Flow After Meal Improves After Bariatric Surgery. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, 1930-1938.	1.8	2
8	Circulating neurofilament is linked with morbid obesity, renal function, and brain density. <i>Scientific Reports</i> , 2022, 12, 7841.	1.6	21
9	Effect of Laparoscopic Sleeve Gastrectomy vs Roux-en-Y Gastric Bypass on Weight Loss, Comorbidities, and Reflux at 10 Years in Adult Patients With Obesity. <i>JAMA Surgery</i> , 2022, 157, 656.	2.2	101
10	Improved Aerobic Capacity and Adipokine Profile Together with Weight Loss Improve Glycemic Control without Changes in Skeletal Muscle GLUT-4 Gene Expression in Middle-Aged Subjects with Impaired Glucose Tolerance. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 8327.	1.2	4
11	Renal Sinus Fat Is Expanded in Patients with Obesity and/or Hypertension and Reduced by Bariatric Surgery Associated with Hypertension Remission. <i>Metabolites</i> , 2022, 12, 617.	1.3	12
12	Circulating N-Acetylaspartate does not track brain NAA concentrations, cognitive function or features of small vessel disease in humans. <i>Scientific Reports</i> , 2022, 12, .	1.6	5
13	18 F-FDG positron emission tomography/computed tomography of cardiac implantable electronic device infections. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 2992-3003.	1.4	13
14	Brain insulin sensitivity is linked to body fat distribution—the positron emission tomography perspective. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 966-968.	3.3	8
15	Effect of Laparoscopic Sleeve Gastrectomy vs Roux-en-Y Gastric Bypass on Weight Loss and Quality of Life at 7 Years in Patients With Morbid Obesity. <i>JAMA Surgery</i> , 2021, 156, 137.	2.2	99
16	Long-term health-related quality of life in persons diagnosed with an insulinoma in Finland 1980–2010. <i>Clinical Endocrinology</i> , 2021, 94, 250-257.	1.2	0
17	Insulin Resistance Is Associated With Enhanced Brain Glucose Uptake During Euglycemic Hyperinsulinemia: A Large-Scale PET Cohort. <i>Diabetes Care</i> , 2021, 44, 788-794.	4.3	31
18	Associations Between Brain Gray Matter Volumes and Adipose Tissue Metabolism in Healthy Adults. <i>Obesity</i> , 2021, 29, 543-549.	1.5	5

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19	Changes in electrocardiogram parameters during acute nonshivering cold exposure and associations with brown adipose tissue activity, plasma catecholamine levels, and brachial blood pressure in healthy adults. <i>Physiological Reports</i> , 2021, 9, e14718.	0.7	3
20	Response to Letter on use of functional imaging by ¹¹ C-metomidate PET for primary aldosteronism subtyping. <i>European Journal of Endocrinology</i> , 2021, 184, L11-L12.	1.9	2
21	The Obesity Risk SNP (rs17782313) near the MC4R Gene Is Not Associated with Brain Glucose Uptake during Insulin Clamp ² A Study in Finns. <i>Journal of Clinical Medicine</i> , 2021, 10, 1312.	1.0	1
22	Effects of 6 ⁶ weeks of treatment with dapagliflozin, a sodium ² glucose co ² transporter ² inhibitor, on myocardial function and metabolism in patients with type 2 diabetes: A randomized, placebo ² controlled, exploratory study. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 1505-1517.	2.2	42
23	Brain Glucose Metabolism in Health, Obesity, and Cognitive Decline ² Does Insulin Have Anything to Do with It? A Narrative Review. <i>Journal of Clinical Medicine</i> , 2021, 10, 1532.	1.0	32
24	Evaluation of glucagon-like peptide-1 receptor expression in nondiabetic and diabetic atherosclerotic mice using PET tracer ⁶⁸ Ga-NODAGA-exendin-4. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021, 320, E989-E998.	1.8	5
25	Mesolimbic opioid-dopamine interaction is disrupted in obesity but recovered by weight loss following bariatric surgery. <i>Translational Psychiatry</i> , 2021, 11, 259.	2.4	10
26	Preoperative brain ¹ / ₄ -opioid receptor availability predicts weight development following bariatric surgery in women. <i>JCI Insight</i> , 2021, 6, .	2.3	3
27	The importance of human brown adipose tissue volume. <i>Nature Reviews Endocrinology</i> , 2021, 17, 453-454.	4.3	6
28	Secretin activates brown fat and induces satiation. <i>Nature Metabolism</i> , 2021, 3, 798-809.	5.1	41
29	Long-term morbidity and mortality in patients diagnosed with an insulinoma. <i>European Journal of Endocrinology</i> , 2021, 185, 577-586.	1.9	11
30	Cerebral ¹ / ₄ -opioid and CB1 receptor systems have distinct roles in human feeding behavior. <i>Translational Psychiatry</i> , 2021, 11, 442.	2.4	13
31	Role of Brown and Beige Adipose Tissues in Seasonal Adaptation in the Raccoon Dog (<i>Nyctereutes</i>) Tj ETQq1 1 0.784314 rgBT /Overl 1.8	1.8	4
32	Laparoscopic Roux-en-Y gastric bypass <i>versus</i> laparoscopic sleeve gastrectomy: 5-year outcomes of merged data from two randomized clinical trials (SLEEVEPASS and SM-BOSS). <i>British Journal of Surgery</i> , 2021, 108, 49-57.	0.1	61
33	Seasonal Variation in the Brain ¹ / ₄ -Opioid Receptor Availability. <i>Journal of Neuroscience</i> , 2021, 41, 1265-1273.	1.7	14
34	Pleiotropic Effects of Secretin: A Potential Drug Candidate in the Treatment of Obesity?. <i>Frontiers in Endocrinology</i> , 2021, 12, 737686.	1.5	6
35	GPR180 is a component of TGF ² signalling that promotes thermogenic adipocyte function and mediates the metabolic effects of the adipocyte-secreted factor CTHRC1. <i>Nature Communications</i> , 2021, 12, 7144.	5.8	14
36	Glucagon-like peptide-1 receptor expression after myocardial infarction: Imaging study using ⁶⁸ Ga-NODAGA-exendin-4 positron emission tomography. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 2386-2397.	1.4	12

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37	Exercise Training Modulates Gut Microbiota Profile and Improves Endotoxemia. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 94-104.	0.2	159
38	Bone Marrow Metabolism Is Impaired in Insulin Resistance and Improves After Exercise Training. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e4290-e4303.	1.8	7
39	Predicting Skeletal Muscle and Whole-Body Insulin Sensitivity Using NMR-Metabolomic Profiling. <i>Journal of the Endocrine Society</i> , 2020, 4, bvaa026.	0.1	3
40	Basal and cold-induced fatty acid uptake of human brown adipose tissue is impaired in obesity. <i>Scientific Reports</i> , 2020, 10, 14373.	1.6	35
41	Change in abdominal, but not femoral subcutaneous fat CT-radiodensity is associated with improved metabolic profile after bariatric surgery. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020, 30, 2363-2371.	1.1	7
42	Exercise training improves adipose tissue metabolism and vasculature regardless of baseline glucose tolerance and sex. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e000830.	1.2	18
43	Brain substrate metabolism and β -cell function in humans: A positron emission tomography study. <i>Endocrinology, Diabetes and Metabolism</i> , 2020, 3, e00136.	1.0	11
44	Interindividual variability and lateralization of μ -opioid receptors in the human brain. <i>NeuroImage</i> , 2020, 217, 116922.	2.1	60
45	Lowered endogenous μ -opioid receptor availability in subclinical depression and anxiety. <i>Neuropsychopharmacology</i> , 2020, 45, 1953-1959.	2.8	44
46	Prognostic imaging biomarkers for diabetic kidney disease (iBEAt): study protocol. <i>BMC Nephrology</i> , 2020, 21, 242.	0.8	22
47	Adenosine/A2B Receptor Signaling Ameliorates the Effects of Aging and Counteracts Obesity. <i>Cell Metabolism</i> , 2020, 32, 56-70.e7.	7.2	77
48	Brain free fatty acid uptake is elevated in morbid obesity, and is irreversible 6 months after bariatric surgery: A positron emission tomography study. <i>Diabetes, Obesity and Metabolism</i> , 2020, 22, 1074-1082.	2.2	27
49	Effects of dipeptidyl peptidase 4 inhibition on inflammation in atherosclerosis: A ^{18}F -fluorodeoxyglucose study of a mouse model of atherosclerosis and type 2 diabetes. <i>Atherosclerosis</i> , 2020, 305, 64-72.	0.4	6
50	Human Bone Marrow Adipose Tissue is a Metabolically Active and Insulin-Sensitive Distinct Fat Depot. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 2300-2310.	1.8	28
51	Functional imaging with ^{11}C -metomidate PET for subtype diagnosis in primary aldosteronism. <i>European Journal of Endocrinology</i> , 2020, 183, 539-550.	1.9	36
52	Partial restoration of normal intestinal microbiota in morbidly obese women six months after bariatric surgery. <i>PeerJ</i> , 2020, 8, e10442.	0.9	4
53	Brain glucose uptake is associated with endogenous glucose production in obese patients before and after bariatric surgery and predicts metabolic outcome at follow-up. <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 218-226.	2.2	36
54	Human brown adipose tissue is phenocopied by classical brown adipose tissue in physiologically humanized mice. <i>Nature Metabolism</i> , 2019, 1, 830-843.	5.1	103

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55	Renal hemodynamics and fatty acid uptake: effects of obesity and weight loss. American Journal of Physiology - Endocrinology and Metabolism, 2019, 317, E871-E878.	1.8	25
56	The Clinical Impact of Using ¹⁸ F-FDG-PET/CT in the Diagnosis of Suspected Vasculitis: The Effect of Dose and Timing of Glucocorticoid Treatment. Contrast Media and Molecular Imaging, 2019, 2019, 1-8.	0.4	7
57	Exercise training alters lipoprotein particles independent of brown adipose tissue metabolic activity. Obesity Science and Practice, 2019, 5, 258-272.	1.0	5
58	Effects of short-term sprint interval and moderate-intensity continuous training on liver fat content, lipoprotein profile, and substrate uptake: a randomized trial. Journal of Applied Physiology, 2019, 126, 1756-1768.	1.2	11
59	The SGLT2 Inhibitor Dapagliflozin Reduces Liver Fat but Does Not Affect Tissue Insulin Sensitivity: A Randomized, Double-Blind, Placebo-Controlled Study With 8-Week Treatment in Type 2 Diabetes Patients. Diabetes Care, 2019, 42, 931-937.	4.3	147
60	TGF- β 2 is an exercise-induced adipokine that regulates glucose and fatty acid metabolism. Nature Metabolism, 2019, 1, 291-303.	5.1	128
61	Renal vascular resistance is increased in patients with kidney transplant. BMC Nephrology, 2019, 20, 437.	0.8	7
62	Opioidergic Regulation of Emotional Arousal: A Combined PET-fMRI Study. Cerebral Cortex, 2019, 29, 4006-4016.	1.6	32
63	Effects of DAPAgliflozin on CARDiac substrate uptake, myocardial efficiency, and myocardial contractile work in type 2 diabetes patients—a description of the DAPACARD study. Upsala Journal of Medical Sciences, 2019, 124, 59-64.	0.4	14
64	Physical Activity Associates with Muscle Insulin Sensitivity Postbariatric Surgery. Medicine and Science in Sports and Exercise, 2019, 51, 278-287.	0.2	4
65	Effects of bariatric surgery on retinal microvascular architecture in obese patients. International Journal of Obesity, 2019, 43, 1675-1680.	1.6	12
66	μ -opioid receptor system mediates reward processing in humans. Nature Communications, 2018, 9, 1500.	5.8	76
67	Cannabinoid Type 1 Receptors Are Upregulated During Acute Activation of Brown Adipose Tissue. Diabetes, 2018, 67, 1226-1236.	0.3	32
68	Peroxisome Proliferator Activated Receptor Gamma Controls Mature Brown Adipocyte Inducibility through Glycerol Kinase. Cell Reports, 2018, 22, 760-773.	2.9	86
69	Brown adipose tissue lipid metabolism in morbid obesity: Effect of bariatric surgery-induced weight loss. Diabetes, Obesity and Metabolism, 2018, 20, 1280-1288.	2.2	37
70	Effect of Laparoscopic Sleeve Gastrectomy vs Laparoscopic Roux-en-Y Gastric Bypass on Weight Loss at 5 Years Among Patients With Morbid Obesity. JAMA - Journal of the American Medical Association, 2018, 319, 241.	3.8	711
71	Morbid obesity and type 2 diabetes alter intestinal fatty acid uptake and blood flow. Diabetes, Obesity and Metabolism, 2018, 20, 1384-1390.	2.2	13
72	Exercise training decreases pancreatic fat content and improves beta cell function regardless of baseline glucose tolerance: a randomised controlled trial. Diabetologia, 2018, 61, 1817-1828.	2.9	82

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73	Dynamic changes in p66Shc mRNA expression in peripheral blood mononuclear cells following resistance training intervention in old frail women born to obese mothers: a pilot study. <i>Aging Clinical and Experimental Research</i> , 2018, 30, 871-876.	1.4	4
74	Insulin-stimulated glucose uptake in skeletal muscle, adipose tissue and liver: a positron emission tomography study. <i>European Journal of Endocrinology</i> , 2018, 178, 523-531.	1.9	92
75	Binge eating disorder and morbid obesity are associated with lowered mu-opioid receptor availability in the brain. <i>Psychiatry Research - Neuroimaging</i> , 2018, 276, 41-45.	0.9	31
76	Short-term interval training alters brain glucose metabolism in subjects with insulin resistance. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 1828-1838.	2.4	21
77	Reversibility of myocardial metabolism and remodelling in morbidly obese patients 6 months after bariatric surgery. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 963-973.	2.2	22
78	A Partial Loss-of-Function Variant in <i>AKT2</i> Is Associated With Reduced Insulin-Mediated Glucose Uptake in Multiple Insulin-Sensitive Tissues: A Genotype-Based Callback Positron Emission Tomography Study. <i>Diabetes</i> , 2018, 67, 334-342.	0.3	37
79	Characteristics and Outcomes of 79 Patients with an Insulinoma: A Nationwide Retrospective Study in Finland. <i>International Journal of Endocrinology</i> , 2018, 2018, 1-10.	0.6	20
80	Secretin-Activated Brown Fat Mediates Prandial Thermogenesis to Induce Satiation. <i>Cell</i> , 2018, 175, 1561-1574.e12.	13.5	167
81	BATLAS: Deconvoluting Brown Adipose Tissue. <i>Cell Reports</i> , 2018, 25, 784-797.e4.	2.9	89
82	Adipose tissue and skeletal muscle insulin-mediated glucose uptake in insulin resistance: role of blood flow and diabetes. <i>American Journal of Clinical Nutrition</i> , 2018, 108, 749-758.	2.2	43
83	Liver blood dynamics after bariatric surgery: the effects of mixed-meal test and incretin infusions. <i>Endocrine Connections</i> , 2018, 7, 888-896.	0.8	12
84	Postprandial Oxidative Metabolism of Human Brown Fat Indicates Thermogenesis. <i>Cell Metabolism</i> , 2018, 28, 207-216.e3.	7.2	146
85	Increased Liver Fatty Acid Uptake Is Partly Reversed and Liver Fat Content Normalized After Bariatric Surgery. <i>Diabetes Care</i> , 2018, 41, 368-371.	4.3	23
86	¹⁸ F-FDG positron emission tomography/computed tomography in infective endocarditis. <i>Journal of Nuclear Cardiology</i> , 2017, 24, 195-206.	1.4	64
87	Bariatric Surgery Enhances Splanchnic Vascular Responses in Patients With Type 2 Diabetes. <i>Diabetes</i> , 2017, 66, 880-885.	0.3	13
88	MR signal-fat-fraction analysis and T2* weighted imaging measure BAT reliably on humans without cold exposure. <i>Metabolism: Clinical and Experimental</i> , 2017, 70, 23-30.	1.5	48
89	Effects of atorvastatin and diet interventions on atherosclerotic plaque inflammation and [¹⁸ F]FDG uptake in <i>Ldlr^{-/-}/ApoB</i> mice. <i>Atherosclerosis</i> , 2017, 263, 369-376.	0.4	18
90	Fatty acid uptake and blood flow in adipose tissue compartments of morbidly obese subjects with or without type 2 diabetes: effects of bariatric surgery. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2017, 313, E175-E182.	1.8	26

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91	Dissociable Roles of Cerebral μ -Opioid and Type 2 Dopamine Receptors in Vicarious Pain: A Combined PET-fMRI Study. <i>Cerebral Cortex</i> , 2017, 27, 4257-4266.	1.6	51
92	Decreased insulin-stimulated brown adipose tissue glucose uptake after short-term exercise training in healthy middle-aged men. <i>Diabetes, Obesity and Metabolism</i> , 2017, 19, 1379-1388.	2.2	46
93	Two weeks of moderate-intensity continuous training, but not high-intensity interval training, increases insulin-stimulated intestinal glucose uptake. <i>Journal of Applied Physiology</i> , 2017, 122, 1188-1197.	1.2	17
94	Effects of meal and incretins in the regulation of splanchnic blood flow. <i>Endocrine Connections</i> , 2017, 6, 179-187.	0.8	21
95	Metformin treatment significantly enhances intestinal glucose uptake in patients with type 2 diabetes: Results from a randomized clinical trial. <i>Diabetes Research and Clinical Practice</i> , 2017, 131, 208-216.	1.1	62
96	Feeding Releases Endogenous Opioids in Humans. <i>Journal of Neuroscience</i> , 2017, 37, 8284-8291.	1.7	64
97	Changes in bone metabolism after bariatric surgery by gastric bypass or sleeve gastrectomy. <i>Bone</i> , 2017, 95, 47-54.	1.4	83
98	Human Brown Fat Radiodensity Indicates Underlying Tissue Composition and Systemic Metabolic Health. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 2258-2267.	1.8	55
99	Circulating Docosahexaenoic Acid Associates with Insulin-Dependent Skeletal Muscle and Whole Body Glucose Uptake in Older Women Born from Normal Weight Mothers. <i>Nutrients</i> , 2017, 9, 110.	1.7	0
100	Effect of Bariatric Surgery on Adipose Tissue Glucose Metabolism in Different Depots in Patients With or Without Type 2 Diabetes. <i>Diabetes Care</i> , 2016, 39, 292-299.	4.3	50
101	Low kidney uptake of GLP-1R-targeting, beta cell-specific PET tracer, 18F-labeled [Nle14,Lys40]exendin-4 analog, shows promise for clinical imaging. <i>EJNMMI Research</i> , 2016, 6, 91.	1.1	19
102	Visfatin expression analysis in association with recruitment and activation of human and rodent brown and brite adipocytes. <i>Adipocyte</i> , 2016, 5, 186-195.	1.3	10
103	Behavioural activation system sensitivity is associated with cerebral μ -opioid receptor availability. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 1310-1316.	1.5	69
104	Brown adipose tissue. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2016, 30, 469.	2.2	0
105	Bone mineral density is increased after a 16-week resistance training intervention in elderly women with decreased muscle strength. <i>European Journal of Endocrinology</i> , 2016, 175, 571-582.	1.9	26
106	miR-125b affects mitochondrial biogenesis and impairs brite adipocyte formation and function. <i>Molecular Metabolism</i> , 2016, 5, 615-625.	3.0	54
107	Type 2 diabetes enhances arterial uptake of choline in atherosclerotic mice: an imaging study with positron emission tomography tracer 18F-fluoromethylcholine. <i>Cardiovascular Diabetology</i> , 2016, 15, 26.	2.7	27
108	In vivo imaging of beta cells with radiotracers: state of the art, prospects and recommendations for development and use. <i>Diabetologia</i> , 2016, 59, 1340-1349.	2.9	65

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109	Human brown adipose tissue [15O]O ₂ PET imaging in the presence and absence of cold stimulus. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 1878-1886.	3.3	144
110	Resistance training enhances insulin suppression of endogenous glucose production in elderly women. <i>Journal of Applied Physiology</i> , 2016, 120, 633-639.	1.2	11
111	Resistance training improves skeletal muscle insulin sensitivity in elderly offspring of overweight and obese mothers. <i>Diabetologia</i> , 2016, 59, 77-86.	2.9	30
112	Weight loss after bariatric surgery normalizes brain opioid receptors in morbid obesity. <i>Molecular Psychiatry</i> , 2016, 21, 1057-1062.	4.1	76
113	Femoral Bone Marrow Insulin Sensitivity Is Increased by Resistance Training in Elderly Female Offspring of Overweight and Obese Mothers. <i>PLoS ONE</i> , 2016, 11, e0163723.	1.1	10
114	Adult attachment style is associated with cerebral μ -opioid receptor availability in humans. <i>Human Brain Mapping</i> , 2015, 36, 3621-3628.	1.9	119
115	Neural Circuits for Cognitive Appetite Control in Healthy and Obese Individuals: An fMRI Study. <i>PLoS ONE</i> , 2015, 10, e0116640.	1.1	74
116	The Effects of Bariatric Surgery on Pancreatic Lipid Metabolism and Blood Flow. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 2015-2023.	1.8	86
117	Accuracy of ¹⁸ F-FDG PET/CT, Multidetector CT, and MR Imaging in the Diagnosis of Pancreatic Cysts: A Prospective Single-Center Study. <i>Journal of Nuclear Medicine</i> , 2015, 56, 1163-1168.	2.8	41
118	The effects of acute hyperinsulinemia on bone metabolism. <i>Endocrine Connections</i> , 2015, 4, 155-162.	0.8	32
119	Brown adipose tissue triglyceride content is associated with decreased insulin sensitivity, independently of age and obesity. <i>Diabetes, Obesity and Metabolism</i> , 2015, 17, 516-519.	2.2	43
120	Obesity-associated intestinal insulin resistance is ameliorated after bariatric surgery. <i>Diabetologia</i> , 2015, 58, 1055-1062.	2.9	42
121	Obesity Is Associated with Decreased μ -Opioid But Unaltered Dopamine D ₂ Receptor Availability in the Brain. <i>Journal of Neuroscience</i> , 2015, 35, 3959-3965.	1.7	178
122	Brown adipose tissue in humans. <i>Annals of Medicine</i> , 2015, 47, 122-122.	1.5	0
123	Aberrant mesolimbic dopamine- μ -opiate interaction in obesity. <i>NeuroImage</i> , 2015, 122, 80-86.	2.1	61
124	The Cannabinoid Receptor-1 Is an Imaging Biomarker of Brown Adipose Tissue. <i>Journal of Nuclear Medicine</i> , 2015, 56, 1937-1941.	2.8	24
125	Enhanced fatty acid uptake in visceral adipose tissue is not reversed by weight loss in obese individuals with the metabolic syndrome. <i>Diabetologia</i> , 2015, 58, 158-164.	2.9	17
126	Pancreatic Metabolism, Blood Flow, and β -Cell Function in Obese Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E981-E990.	1.8	33

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127	Systemic metabolic markers and myocardial glucose uptake in type 2 diabetic and coronary artery disease patients treated for 16 weeks with rosiglitazone, a PPAR γ agonist. <i>Annals of Medicine</i> , 2014, 46, 18-23.	1.5	21
128	Brown Adipose Tissue in Humans. <i>Methods in Enzymology</i> , 2014, 537, 141-159.	0.4	56
129	Comparison of short-term outcome of laparoscopic sleeve gastrectomy and gastric bypass in the treatment of morbid obesity: A prospective randomized controlled multicenter SLEEVEPASS study with 6-month follow-up. <i>Scandinavian Journal of Surgery</i> , 2014, 103, 175-181.	1.3	62
130	Comparison of vertebral bone marrow fat assessed by 1H MRS and inphase and out-of-phase MRI among family members. <i>Osteoporosis International</i> , 2014, 25, 653-662.	1.3	18
131	Hyperthyroidism Increases Brown Fat Metabolism in Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E28-E35.	1.8	95
132	Effect of bariatric surgery on liver glucose metabolism in morbidly obese diabetic and non-diabetic patients. <i>Journal of Hepatology</i> , 2014, 60, 377-383.	1.8	85
133	Organ-Specific Physiological Responses to Acute Physical Exercise and Long-Term Training in Humans. <i>Physiology</i> , 2014, 29, 421-436.	1.6	75
134	[¹⁸ F]Fluorodeoxyglucose Uptake in Atherosclerotic Plaques Is Associated With Reduced Coronary Flow Reserve in Mice. <i>Journal of Ultrasound in Medicine</i> , 2014, 33, 1941-1948.	0.8	1
135	Brown Adipose Tissue Function is Accompanied by Cerebral Activation in Lean But Not in Obese Humans. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 1018-1023.	2.4	20
136	⁶⁴ Cu- and ⁶⁸ Ga-Labelled [Nle ¹⁴ ,Lys ⁴⁰ (Ahx-NODAGA)NH ₂]-Exendin-4 for Pancreatic Beta Cell Imaging in Rats. <i>Molecular Imaging and Biology</i> , 2014, 16, 255-263.	1.3	55
137	Vertebral bone marrow glucose uptake is inversely associated with bone marrow fat in diabetic and healthy pigs: [¹⁸ F]FDG-PET and MRI study. <i>Bone</i> , 2014, 61, 33-38.	1.4	21
138	Cardiac hypertrophy and oxidative metabolism in novel congenic leptin receptor deficient BBDR.cga ^{cre} .cp rats (1155.10). <i>FASEB Journal</i> , 2014, 28, 1155.10.	0.2	1
139	Effect of nitric oxide synthase inhibition on the exchange of glucose and fatty acids in human skeletal muscle. <i>Nutrition and Metabolism</i> , 2013, 10, 43.	1.3	19
140	Brown adipose tissue thermogenesis in humans. <i>Diabetologia</i> , 2013, 56, 2110-2112.	2.9	9
141	Validation of [¹⁸ F]fluorodeoxyglucose and positron emission tomography (PET) for the measurement of intestinal metabolism in pigs, and evidence of intestinal insulin resistance in patients with morbid obesity. <i>Diabetologia</i> , 2013, 56, 893-900.	2.9	37
142	Measurement of brown adipose tissue mass using a novel dual-echo magnetic resonance imaging approach: A validation study. <i>Metabolism: Clinical and Experimental</i> , 2013, 62, 1189-1198.	1.5	37
143	Blunted metabolic responses to cold and insulin stimulation in brown adipose tissue of obese humans. <i>Obesity</i> , 2013, 21, 2279-2287.	1.5	217
144	Evidence for two types of brown adipose tissue in humans. <i>Nature Medicine</i> , 2013, 19, 631-634.	15.2	563

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