

Andreas L Birkenfeld

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.

195
papers

9,689
citations

45
h-index

96
g-index

225
ext. papers

13,552
ext. citations

7.9
avg, IF

6.53
L-index

#	Paper	IF	Citations
195	Cardiovascular and Renal Outcomes with Empagliflozin in Heart Failure. <i>New England Journal of Medicine</i> , 2020 , 383, 1413-1424	59.2	1099
194	Albiglutide and cardiovascular outcomes in patients with type 2 diabetes and cardiovascular disease (Harmony Outcomes): a double-blind, randomised placebo-controlled trial. <i>Lancet, The</i> , 2018 , 392, 1519-1529	40	771
193	Oral Semaglutide and Cardiovascular Outcomes in Patients with Type 2 Diabetes. <i>New England Journal of Medicine</i> , 2019 , 381, 841-851	59.2	567
192	Practical recommendations for the management of diabetes in patients with COVID-19. <i>Lancet Diabetes and Endocrinology, the</i> , 2020 , 8, 546-550	18.1	463
191	Nonalcoholic fatty liver disease, hepatic insulin resistance, and type 2 diabetes. <i>Hepatology</i> , 2014 , 59, 713-23	11.2	427
190	Effect of Finerenone on Chronic Kidney Disease Outcomes in Type 2 Diabetes. <i>New England Journal of Medicine</i> , 2020 , 383, 2219-2229	59.2	347
189	Obesity and impaired metabolic health in patients with COVID-19. <i>Nature Reviews Endocrinology</i> , 2020 , 16, 341-342	15.2	303
188	Safety and Efficacy of Bempedoic Acid to Reduce LDL Cholesterol. <i>New England Journal of Medicine</i> , 2019 , 380, 1022-1032	59.2	265
187	Targeted expression of catalase to mitochondria prevents age-associated reductions in mitochondrial function and insulin resistance. <i>Cell Metabolism</i> , 2010 , 12, 668-74	24.6	245
186	Efficacy and safety of semaglutide compared with liraglutide and placebo for weight loss in patients with obesity: a randomised, double-blind, placebo and active controlled, dose-ranging, phase 2 trial. <i>Lancet, The</i> , 2018 , 392, 637-649	40	242
185	Randomized comparison of reduced fat and reduced carbohydrate hypocaloric diets on intrahepatic fat in overweight and obese human subjects. <i>Hepatology</i> , 2011 , 53, 1504-14	11.2	185
184	SGLT2 deletion improves glucose homeostasis and preserves pancreatic beta-cell function. <i>Diabetes</i> , 2011 , 60, 890-8	0.9	166
183	Deletion of the mammalian INDY homolog mimics aspects of dietary restriction and protects against adiposity and insulin resistance in mice. <i>Cell Metabolism</i> , 2011 , 14, 184-95	24.6	145
182	Efficacy and Safety of Dapagliflozin in Patients With Inadequately Controlled Type 1 Diabetes (the DEPICT-2 Study): 24-Week Results From a Randomized Controlled Trial. <i>Diabetes Care</i> , 2018 , 41, 1938-1946	14.6	141
181	Global pandemics interconnected - obesity, impaired metabolic health and COVID-19. <i>Nature Reviews Endocrinology</i> , 2021 , 17, 135-149	15.2	140
180	Effect of Additional Oral Semaglutide vs Sitagliptin on Glycated Hemoglobin in Adults With Type 2 Diabetes Uncontrolled With Metformin Alone or With Sulfonylurea: The PIONEER 3 Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 321, 1466-1480	27.4	138
179	A high-fat, ketogenic diet causes hepatic insulin resistance in mice, despite increasing energy expenditure and preventing weight gain. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010 , 299, E808-15	6	137

178	Adipose overexpression of desnutrin promotes fatty acid use and attenuates diet-induced obesity. <i>Diabetes</i> , 2009 , 58, 855-66	0.9	136
177	Lipid mobilization with physiological atrial natriuretic peptide concentrations in humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 3622-8	5.6	136
176	Inhibition of Notch signaling ameliorates insulin resistance in a FoxO1-dependent manner. <i>Nature Medicine</i> , 2011 , 17, 961-7	50.5	134
175	Natriuretic peptides enhance the oxidative capacity of human skeletal muscle. <i>Journal of Clinical Investigation</i> , 2012 , 122, 4675-9	15.9	127
174	Hepatic insulin resistance in mice with hepatic overexpression of diacylglycerol acyltransferase 2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 5748-52	11.5	119
173	Dissociation of inositol-requiring enzyme (IRE1)-mediated c-Jun N-terminal kinase activation from hepatic insulin resistance in conditional X-box-binding protein-1 (XBP1) knock-out mice. <i>Journal of Biological Chemistry</i> , 2012 , 287, 2558-67	5.4	118
172	Deletion of the alpha-arrestin protein Txnip in mice promotes adiposity and adipogenesis while preserving insulin sensitivity. <i>Diabetes</i> , 2010 , 59, 1424-34	0.9	106
171	Apolipoprotein CIII overexpressing mice are predisposed to diet-induced hepatic steatosis and hepatic insulin resistance. <i>Hepatology</i> , 2011 , 54, 1650-60	11.2	102
170	Plasma exchange for primary autoimmune autonomic failure. <i>New England Journal of Medicine</i> , 2005 , 353, 1585-90	59.2	101
169	Atrial natriuretic peptide induces postprandial lipid oxidation in humans. <i>Diabetes</i> , 2008 , 57, 3199-204	0.9	96
168	Metabolic actions of natriuretic peptides and therapeutic potential in the metabolic syndrome. <i>Pharmacology & Therapeutics</i> , 2014 , 144, 12-27	13.9	89
167	Targeting pyruvate carboxylase reduces gluconeogenesis and adiposity and improves insulin resistance. <i>Diabetes</i> , 2013 , 62, 2183-94	0.9	86
166	Empagliflozin Effectively Lowers Liver Fat Content in Well-Controlled Type 2 Diabetes: A Randomized, Double-Blind, Phase 4, Placebo-Controlled Trial. <i>Diabetes Care</i> , 2020 , 43, 298-305	14.6	86
165	The role of immune cells in metabolism-related liver inflammation and development of non-alcoholic steatohepatitis (NASH). <i>Reviews in Endocrine and Metabolic Disorders</i> , 2016 , 17, 29-39	10.5	80
164	Design and Baseline Characteristics of the Finerenone in Reducing Cardiovascular Mortality and Morbidity in Diabetic Kidney Disease Trial. <i>American Journal of Nephrology</i> , 2019 , 50, 345-356	4.6	80
163	Early detection of diabetic kidney disease by urinary proteomics and subsequent intervention with spironolactone to delay progression (PRIORITY): a prospective observational study and embedded randomised placebo-controlled trial. <i>Lancet Diabetes and Endocrinology</i> , 2020 , 8, 301-312	18.1	75
162	Paradoxical effect of sibutramine on autonomic cardiovascular regulation. <i>Circulation</i> , 2002 , 106, 2459-66	6.7	73
161	Design and Baseline Characteristics of the Finerenone in Reducing Kidney Failure and Disease Progression in Diabetic Kidney Disease Trial. <i>American Journal of Nephrology</i> , 2019 , 50, 333-344	4.6	70

160	Pathophysiology-based subphenotyping of individuals at elevated risk for type 2 diabetes. <i>Nature Medicine</i> , 2021 , 27, 49-57	50.5	68
159	Water drinking induces thermogenesis through osmosensitive mechanisms. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 3334-7	5.6	66
158	Elevated hepatic chemerin mRNA expression in human non-alcoholic fatty liver disease. <i>European Journal of Endocrinology</i> , 2013 , 169, 547-57	6.5	58
157	Atrial natriuretic peptide and adiponectin interactions in man. <i>PLoS ONE</i> , 2012 , 7, e43238	3.7	56
156	Risk of and risk factors for hypoglycemia and associated arrhythmias in patients with type 2 diabetes and cardiovascular disease: a cohort study under real-world conditions. <i>Acta Diabetologica</i> , 2015 , 52, 889-95	3.9	53
155	Influence of the hepatic eukaryotic initiation factor 2alpha (eIF2alpha) endoplasmic reticulum (ER) stress response pathway on insulin-mediated ER stress and hepatic and peripheral glucose metabolism. <i>Journal of Biological Chemistry</i> , 2011 , 286, 36163-70	5.4	53
154	Are Lifestyle Therapies Effective for NAFLD Treatment?. <i>Trends in Endocrinology and Metabolism</i> , 2019 , 30, 701-709	8.8	51
153	Epigallocatechin-3-gallate and postprandial fat oxidation in overweight/obese male volunteers: a pilot study. <i>European Journal of Clinical Nutrition</i> , 2010 , 64, 704-13	5.2	50
152	Incidence of Hypoglycemia After Gastric Bypass vs Sleeve Gastrectomy: A Randomized Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 2136-2146	5.6	48
151	Hypophosphatemia promotes lower rates of muscle ATP synthesis. <i>FASEB Journal</i> , 2016 , 30, 3378-3387	0.9	45
150	Beta-adrenergic and atrial natriuretic peptide interactions on human cardiovascular and metabolic regulation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 5069-75	5.6	45
149	Solute Carrier Transporters as Potential Targets for the Treatment of Metabolic Disease. <i>Pharmacological Reviews</i> , 2020 , 72, 343-379	22.5	44
148	The flavones apigenin and luteolin induce FOXO1 translocation but inhibit gluconeogenic and lipogenic gene expression in human cells. <i>PLoS ONE</i> , 2014 , 9, e104321	3.7	40
147	Long-lasting improvements in liver fat and metabolism despite body weight regain after dietary weight loss. <i>Diabetes Care</i> , 2013 , 36, 3786-92	14.6	38
146	Beta-Aminoisobutyric Acid as a Novel Regulator of Carbohydrate and Lipid Metabolism. <i>Nutrients</i> , 2019 , 11,	6.7	37
145	Norepinephrine transporter inhibition prevents tilt-induced pre-syncope. <i>Journal of the American College of Cardiology</i> , 2006 , 48, 516-22	15.1	35
144	The human longevity gene homolog INDY and interleukin-6 interact in hepatic lipid metabolism. <i>Hepatology</i> , 2017 , 66, 616-630	11.2	33
143	Efficacy and Safety of Liraglutide 3.0 mg in Individuals With Overweight or Obesity and Type 2 Diabetes Treated With Basal Insulin: The SCALE Insulin Randomized Controlled Trial. <i>Diabetes Care</i> , 2020 , 43, 1085-1093	14.6	33

142	COVID-19 and metabolic disease: mechanisms and clinical management. <i>Lancet Diabetes and Endocrinology</i> , 2021 , 9, 786-798	18.1	33
141	Natriuretic Peptides in Cardiovascular and Metabolic Crosstalk: Implications for Hypertension Management. <i>Hypertension</i> , 2018 , 72, 270-276	8.5	30
140	Regulation of body weight and energy homeostasis by neuronal cell adhesion molecule 1. <i>Nature Neuroscience</i> , 2017 , 20, 1096-1103	25.5	29
139	The mammalian INDY homolog is induced by CREB in a rat model of type 2 diabetes. <i>Diabetes</i> , 2014 , 63, 1048-57	0.9	29
138	Differential response of the natriuretic peptide system to weight loss and exercise in overweight or obese patients. <i>Journal of Hypertension</i> , 2015 , 33, 1458-64	1.9	28
137	Nutritional strategy to prevent fatty liver and insulin resistance independent of obesity by reducing glucose-dependent insulinotropic polypeptide responses in mice. <i>Diabetologia</i> , 2015 , 58, 374-83	10.3	27
136	Pigment epithelium-derived factor (PEDF) suppresses IL-1 β -mediated c-Jun N-terminal kinase (JNK) activation to improve hepatocyte insulin signaling. <i>Endocrinology</i> , 2014 , 155, 1373-85	4.8	26
135	The Role of INDY in Metabolic Regulation. <i>Computational and Structural Biotechnology Journal</i> , 2013 , 6, e201303020	6.8	25
134	Metabolic actions could confound advantageous effects of combined angiotensin II receptor and neprilysin inhibition. <i>Hypertension</i> , 2011 , 57, e4-5	8.5	25
133	The metabolic vascular syndrome - guide to an individualized treatment. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2016 , 17, 5-17	10.5	25
132	Myocardial metabolism in heart failure: Purinergic signalling and other metabolic concepts. <i>Pharmacology & Therapeutics</i> , 2019 , 194, 132-144	13.9	24
131	Knockdown of the gene encoding Drosophila tribbles homologue 3 (Trib3) improves insulin sensitivity through peroxisome proliferator-activated receptor- α (PPAR- α) activation in a rat model of insulin resistance. <i>Diabetologia</i> , 2011 , 54, 935-44	10.3	24
130	Paradoxical effect of sibutramine on autonomic cardiovascular regulation in obese hypertensive patients--sibutramine and blood pressure. <i>Clinical Autonomic Research</i> , 2005 , 15, 200-6	4.3	24
129	Prevention of diet-induced hepatic steatosis and hepatic insulin resistance by second generation antisense oligonucleotides targeted to the longevity gene mIndy (Slc13a5). <i>Aging</i> , 2015 , 7, 1086-93	5.6	24
128	INTERACTING DISCIPLINES: Cardiac natriuretic peptides and obesity: perspectives from an endocrinologist and a cardiologist. <i>Endocrine Connections</i> , 2015 , 4, R25-36	3.5	23
127	The longevity gene INDY (It's Not Dead Yet) in metabolic control: Potential as pharmacological target. <i>Pharmacology & Therapeutics</i> , 2018 , 185, 1-11	13.9	23
126	Insulin resistance is associated with elevated serum pigment epithelium-derived factor (PEDF) levels in morbidly obese patients. <i>Acta Diabetologica</i> , 2012 , 49 Suppl 1, S161-9	3.9	23
125	Fibre supplementation for the prevention of type 2 diabetes and improvement of glucose metabolism: the randomised controlled Optimal Fibre Trial (OptiFIT). <i>Diabetologia</i> , 2018 , 61, 1295-1305	10.3	22

124	Determinants of mortality in patients with type 2 diabetes: a review. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2016 , 17, 129-37	10.5	22
123	Inhibition of citrate cotransporter Slc13a5/mINDY by RNAi improves hepatic insulin sensitivity and prevents diet-induced non-alcoholic fatty liver disease in mice. <i>Molecular Metabolism</i> , 2016 , 5, 1072-1082	8.8	22
122	Serum and Plasma Levels of Vascular Endothelial Growth Factors in Relation to Quality of Glucose Control, Biomarkers of Inflammation, and Diabetic Nephropathy. <i>Hormone and Metabolic Research</i> , 2016 , 48, 529-34	3.1	20
121	Therapie des Typ-2-Diabetes. <i>Diabetologie Und Stoffwechsel</i> , 2019 , 14, S167-S187	0.7	19
120	Insulin-Like Growth Factor (IGF) Binding Protein-2, Independently of IGF-1, Induces GLUT-4 Translocation and Glucose Uptake in 3T3-L1 Adipocytes. <i>Oxidative Medicine and Cellular Longevity</i> , 2017 , 2017, 3035184	6.7	19
119	Neurohumoral and metabolic response to exercise in water. <i>Hormone and Metabolic Research</i> , 2010 , 42, 334-9	3.1	19
118	Characteristics of high- and low-risk individuals in the PRIORITY study: urinary proteomics and mineralocorticoid receptor antagonism for prevention of diabetic nephropathy in Type 2 diabetes. <i>Diabetic Medicine</i> , 2018 , 35, 1375-1382	3.5	19
117	Enhanced insulin signaling in density-enhanced phosphatase-1 (DEP-1) knockout mice. <i>Molecular Metabolism</i> , 2015 , 4, 325-36	8.8	18
116	Knockdown of Indy/CeNac2 extends <i>Caenorhabditis elegans</i> life span by inducing AMPK/aak-2. <i>Aging</i> , 2015 , 7, 553-67	5.6	18
115	Retinol saturase coordinates liver metabolism by regulating ChREBP activity. <i>Nature Communications</i> , 2017 , 8, 384	17.4	17
114	Enhanced fasting glucose turnover in mice with disrupted action of TUG protein in skeletal muscle. <i>Journal of Biological Chemistry</i> , 2013 , 288, 20135-50	5.4	17
113	Increased Hepatic ACE2 Expression in NAFL and Diabetes-A Risk for COVID-19 Patients?. <i>Diabetes Care</i> , 2020 , 43, e134-e136	14.6	17
112	Consequences of the COVID-19 pandemic for patients with metabolic diseases. <i>Nature Metabolism</i> , 2021 , 3, 289-292	14.6	17
111	ANGPTL8 (Betatrophin) is Expressed in Visceral Adipose Tissue and Relates to Human Hepatic Steatosis in Two Independent Clinical Collectives. <i>Hormone and Metabolic Research</i> , 2017 , 49, 343-349	3.1	16
110	Arylhydrocarbon receptor-dependent mIndy (Slc13a5) induction as possible contributor to benzo[a]pyrene-induced lipid accumulation in hepatocytes. <i>Toxicology</i> , 2015 , 337, 1-9	4.4	16
109	Fetuin A is a Predictor of Liver Fat in Preoperative Patients with Nonalcoholic Fatty Liver Disease. <i>Journal of Investigative Surgery</i> , 2016 , 29, 266-74	1.2	16
108	Intensive lifestyle modifications with or without liraglutide 3mg vs. sleeve gastrectomy: A three-arm non-randomised, controlled, pilot study. <i>Diabetes and Metabolism</i> , 2018 , 44, 235-242	5.4	15
107	Adipocyte-specific blockade of gamma-secretase, but not inhibition of Notch activity, reduces adipose insulin sensitivity. <i>Molecular Metabolism</i> , 2016 , 5, 113-121	8.8	15

106	Increased lipogenesis in spite of upregulated hepatic 5AMP-activated protein kinase in human non-alcoholic fatty liver. <i>Hepatology Research</i> , 2017 , 47, 890-901	5.1	15
105	Thiazolidinedione response in familial lipodystrophy patients with LMNA mutations: a case series. <i>Hormone and Metabolic Research</i> , 2012 , 44, 306-11	3.1	15
104	Pharmacogenomics in type 2 diabetes: oral antidiabetic drugs. <i>Pharmacogenomics Journal</i> , 2016 , 16, 399-410	3.5	14
103	Chemerin in peritoneal sepsis and its associations with glucose metabolism and prognosis: a translational cross-sectional study. <i>Critical Care</i> , 2016 , 20, 39	10.8	14
102	Mitochondrial GTP insensitivity contributes to hypoglycemia in hyperinsulinemia hyperammonemia by inhibiting glucagon release. <i>Diabetes</i> , 2014 , 63, 4218-29	0.9	14
101	New insight into the mechanisms of ectopic fat deposition improvement after bariatric surgery. <i>Scientific Reports</i> , 2019 , 9, 17315	4.9	14
100	Fasting Glucose State Determines Metabolic Response to Supplementation with Insoluble Cereal Fibre: A Secondary Analysis of the Optimal Fibre Trial (OptiFiT). <i>Nutrients</i> , 2019 , 11,	6.7	13
99	Genetic influences on the pharmacokinetics of orally and intravenously administered digoxin as exhibited by monozygotic twins. <i>Clinical Pharmacology and Therapeutics</i> , 2009 , 86, 605-8	6.1	13
98	deletion causes extensive vacuolation that consumes the insulin content of pancreatic β cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 19983-19988	11.5	12
97	Human Prostate Cancer is Characterized by an Increase in Urea Cycle Metabolites. <i>Cancers</i> , 2020 , 12,	6.6	12
96	Therapy of Type 2 Diabetes. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2019 , 127, S73-S92	2.3	12
95	Plasminogen deficiency does not prevent sodium retention in a genetic mouse model of experimental nephrotic syndrome. <i>Acta Physiologica</i> , 2021 , 231, e13512	5.6	12
94	Cardiometabolic crosstalk in obesity-associated arterial hypertension. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2016 , 17, 19-28	10.5	11
93	Analysis of naturally occurring mutations in the human uptake transporter NaCT important for bone and brain development and energy metabolism. <i>Scientific Reports</i> , 2018 , 8, 11330	4.9	9
92	Disruption of the sodium-dependent citrate transporter SLC13A5 in mice causes alterations in brain citrate levels and neuronal network excitability in the hippocampus. <i>Neurobiology of Disease</i> , 2020 , 143, 105018	7.5	9
91	Benefit/risk profile of dapagliflozin 5 mg in the DEPICT-1 and -2 trials in individuals with type 1 diabetes and body mass index ≥ 27 kg/m. <i>Diabetes, Obesity and Metabolism</i> , 2020 , 22, 2151-2160	6.7	9
90	Actual situation of lipoprotein apheresis in patients with elevated lipoprotein(a) levels. <i>Atherosclerosis Supplements</i> , 2019 , 40, 1-7	1.7	9
89	The anorexigenic peptide neurotensin relates to insulin sensitivity in obese patients after BPD or RYGB metabolic surgery. <i>International Journal of Obesity</i> , 2018 , 42, 2057-2061	5.5	9

88	Obesity Does Not Modulate the Glycometabolic Benefit of Insoluble Cereal Fibre in Subjects with Prediabetes-A Stratified Post Hoc Analysis of the Optimal Fibre Trial (OptiFIT). <i>Nutrients</i> , 2019 , 11,	6.7	8
87	The longevity transporter mIndy (Slc13a5) as a target for treating hepatic steatosis and insulin resistance. <i>Aging</i> , 2016 , 8, 208-9	5.6	8
86	Therapie des Typ-2-Diabetes. <i>Diabetologie Und Stoffwechsel</i> , 2020 , 15, S65-S92	0.7	8
85	Zymogen-locked mutant proctasin (Prss8) leads to incomplete proteolytic activation of the epithelial sodium channel (ENaC) and severely compromises triamterene tolerance in mice. <i>Acta Physiologica</i> , 2021 , 232, e13640	5.6	8
84	Improved treatment satisfaction in patients with type 2 diabetes treated with once-weekly semaglutide in the SUSTAIN trials. <i>Diabetes, Obesity and Metabolism</i> , 2019 , 21, 2315-2326	6.7	7
83	Intra-individual variability and circadian rhythm of vascular endothelial growth factors in subjects with normal glucose tolerance and type 2 diabetes. <i>PLoS ONE</i> , 2017 , 12, e0184234	3.7	7
82	Muscle-specific activation of Ca(2+)/calmodulin-dependent protein kinase IV increases whole-body insulin action in mice. <i>Diabetologia</i> , 2014 , 57, 1232-41	10.3	7
81	No modulation of postprandial metabolism by transcutaneous auricular vagus nerve stimulation: a cross-over study in 15 healthy men. <i>Scientific Reports</i> , 2020 , 10, 20466	4.9	7
80	Proteinuric chronic kidney disease is associated with altered red blood cell lifespan, deformability and metabolism. <i>Kidney International</i> , 2021 , 100, 1227-1239	9.9	7
79	Glucagon Decreases IGF-1 Bioactivity in Humans, Independently of Insulin, by Modulating Its Binding Proteins. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 3480-3490	5.6	6
78	Comment on: Vila et al. B-type natriuretic peptide modulates ghrelin, hunger, and satiety in healthy men. <i>Diabetes</i> 2012;61:2592-2596. <i>Diabetes</i> , 2012 , 61, e22; author reply e23	0.9	6
77	Proteolytic activation of the epithelial sodium channel (ENaC) by factor VII activating protease (FSAP) and its relevance for sodium retention in nephrotic mice. <i>Pflugers Archiv European Journal of Physiology</i> , 2021 , 474, 217	4.6	6
76	A Narrative Review on the Role of AMPK on De Novo Lipogenesis in Non-Alcoholic Fatty Liver Disease: Evidence from Human Studies. <i>Cells</i> , 2021 , 10,	7.9	6
75	Metabolic Syndrome is a Risk Factor for Post-Operative Adhesions: Need for Novel Treatment Strategies. <i>Hormone and Metabolic Research</i> , 2019 , 51, 35-41	3.1	6
74	Experimental nephrotic syndrome leads to proteolytic activation of the epithelial Na channel in the mouse kidney. <i>American Journal of Physiology - Renal Physiology</i> , 2021 , 321, F480-F493	4.3	6
73	Urinary Lipidomics: evidence for multiple sources and sexual dimorphism in healthy individuals. <i>Pharmacogenomics Journal</i> , 2018 , 18, 331-339	3.5	5
72	Acarbose treatment enhances mid-regional pro-atrial natriuretic peptide concentrations in non-diabetic individuals: further evidence for a common cardiometabolic pathway?. <i>Diabetologia</i> , 2012 , 55, 3392-5	10.3	5
71	Jaccoud's nephritis. <i>Nephrology Dialysis Transplantation</i> , 2005 , 20, 654-6	4.3	5

70	FFA2-, but not FFA3-agonists inhibit GSIS of human pseudoislets: a comparative study with mouse islets and rat INS-1E cells. <i>Scientific Reports</i> , 2020 , 10, 16497	4.9	5
69	Investigating obesity-associated brain inflammation using quantitative water content mapping. <i>Journal of Neuroendocrinology</i> , 2020 , 32, e12907	3.8	5
68	Response of Mitochondrial Respiration in Adipose Tissue and Muscle to 8 Weeks of Endurance Exercise in Obese Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	5
67	Hemostatic alterations linked to body fat distribution, fatty liver, and insulin resistance. <i>Molecular Metabolism</i> , 2021 , 53, 101262	8.8	5
66	Different Effects of Lifestyle Intervention in High- and Low-Risk Prediabetes: Results of the Randomized Controlled Prediabetes Lifestyle Intervention Study (PLIS). <i>Diabetes</i> , 2021 , 70, 2785-2795	0.9	5
65	Lipid Profiles in Lyme Borreliosis: A Potential Role for Apheresis?. <i>Hormone and Metabolic Research</i> , 2019 , 51, 326-329	3.1	4
64	Metabolic regulation: effects of natriuretic peptide interactions. <i>Expert Review of Endocrinology and Metabolism</i> , 2007 , 2, 607-614	4.1	4
63	Nutritional and metabolic regulation of the metabolite dimethylguanidino valeric acid: an early marker of cardiometabolic disease. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020 , 319, E509-E518	6	4
62	Increased Expressions of Matrix Metalloproteinases (MMPs) in Prostate Cancer Tissues of Men with Type 2 Diabetes. <i>Biomedicines</i> , 2020 , 8,	4.8	4
61	Renal effects of the serine protease inhibitor aprotinin in healthy conscious mice. <i>Acta Pharmacologica Sinica</i> , 2021 ,	8	4
60	Cell-specific deletion of guanylyl cyclase A, the receptor for atrial natriuretic peptide, accelerates obesity-induced glucose intolerance in mice. <i>Cardiovascular Diabetology</i> , 2018 , 17, 103	8.7	3
59	Empagliflozin Improves Insulin Sensitivity of the Hypothalamus in Humans With Prediabetes: A Randomized, Double-Blind, Placebo-Controlled, Phase 2 Trial. <i>Diabetes Care</i> , 2021 ,	14.6	3
58	Normalized Indices Derived from Visceral Adipose Mass Assessed by Magnetic Resonance Imaging and Their Correlation with Markers for Insulin Resistance and Prediabetes. <i>Nutrients</i> , 2020 , 12,	6.7	3
57	Transcript Levels of Aldo-Keto Reductase Family 1 Subfamily C (AKR1C) Are Increased in Prostate Tissue of Patients with Type 2 Diabetes. <i>Journal of Personalized Medicine</i> , 2020 , 10,	3.6	3
56	The phosphorus connection--a puzzling business. <i>Nephrology Dialysis Transplantation</i> , 2004 , 19, 1643-5	4.3	2
55	Elevated circulating follistatin associates with an increased risk of type 2 diabetes. <i>Nature Communications</i> , 2021 , 12, 6486	17.4	2
54	Metabolic implications of pancreatic fat accumulation. <i>Nature Reviews Endocrinology</i> , 2022 , 18, 43-54	15.2	2
53	Characterization of Hormone-Dependent Pathways in Six Human Prostate-Cancer Cell Lines: A Gene-Expression Study. <i>Genes</i> , 2020 , 11,	4.2	2

52	Considering Insulin Secretory Capacity as Measured by a Fasting C-Peptide/Glucose Ratio in Selecting Glucose-Lowering Medications. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2020 ,	2.3	2
51	Comment on Ferrannini et al. CV Protection in the EMPA-REG OUTCOME Trial: A "Thrifty Substrate" Hypothesis. <i>Diabetes Care</i> 2016;39:1108-1114. <i>Diabetes Care</i> , 2016 , 39, e224-e225	14.6	2
50	Cardiovascular risk factors in patients with premature cardiovascular events attending the University of Dresden Lipid Clinic. <i>Atherosclerosis Supplements</i> , 2019 , 40, 94-99	1.7	2
49	The longevity gene mIndy (Iñ Not Dead, Yet) affects blood pressure through sympathoadrenal mechanisms. <i>JCI Insight</i> , 2021 , 6,	9.9	2
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41	Comment on Boden et al. Insulin regulates the unfolded protein response in human adipose tissue. <i>Diabetes</i> 2014;63:912-922. <i>Diabetes</i> , 2014 , 63, e1	0.9	1
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