

# Hannele Yki-Järvinen

## List of Publications by Year in descending order

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226  
papers

30,307  
citations

4145

87  
h-index

4991

167  
g-index

235  
all docs

235  
docs citations

235  
times ranked

27030  
citing authors

#	ARTICLE	IF	CITATIONS
1	A new definition for metabolic dysfunction-associated fatty liver disease: An international expert consensus statement. <i>Journal of Hepatology</i> , 2020, 73, 202-209.	3.7	2,171
2	Thiazolidinediones. <i>New England Journal of Medicine</i> , 2004, 351, 1106-1118.	27.0	1,892
3	MAFLD: A Consensus-Driven Proposed Nomenclature for Metabolic Associated Fatty Liver Disease. <i>Gastroenterology</i> , 2020, 158, 1999-2014.e1.	1.3	1,840
4	Non-alcoholic fatty liver disease as a cause and a consequence of metabolic syndrome. <i>Lancet Diabetes and Endocrinology</i> , 2014, 2, 901-910.	11.4	938
5	Fat Accumulation in the Liver Is Associated with Defects in Insulin Suppression of Glucose Production and Serum Free Fatty Acids Independent of Obesity in Normal Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 3023-3028.	3.6	908
6	Fatty Liver. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 27-38.	2.4	717
7	Prediction of Non-Alcoholic Fatty Liver Disease and Liver Fat Using Metabolic and Genetic Factors. <i>Gastroenterology</i> , 2009, 137, 865-872.	1.3	646
8	Impaired Glucose Tolerance as a Disorder of Insulin Action. <i>New England Journal of Medicine</i> , 1988, 318, 1217-1225.	27.0	558
9	Insulin Regulates the Serum Levels of Low Molecular Weight Insulin-Like Growth Factor-Binding Protein*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1988, 66, 266-272.	3.6	528
10	Effects of Rosiglitazone and Metformin on Liver Fat Content, Hepatic Insulin Resistance, Insulin Clearance, and Gene Expression in Adipose Tissue in Patients With Type 2 Diabetes. <i>Diabetes</i> , 2004, 53, 2169-2176.	0.6	478
11	From the metabolic syndrome to NAFLD or vice versa?. <i>Digestive and Liver Disease</i> , 2010, 42, 320-330.	0.9	406
12	Comparison of Basal Insulin Added to Oral Agents Versus Twice-Daily Premixed Insulin as Initial Insulin Therapy for Type 2 Diabetes. <i>Diabetes Care</i> , 2005, 28, 254-259.	8.6	405
13	Liver Fat in the Metabolic Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 3490-3497.	3.6	386
14	Acquired Obesity Is Associated with Changes in the Serum Lipidomic Profile Independent of Genetic Effects – A Monozygotic Twin Study. <i>PLoS ONE</i> , 2007, 2, e218.	2.5	356
15	One-Year Treatment With Exenatide Improves $\beta^2$ -Cell Function, Compared With Insulin Glargine, in Metformin-Treated Type 2 Diabetic Patients. <i>Diabetes Care</i> , 2009, 32, 762-768.	8.6	354
16	FGF-21 as a biomarker for muscle-manifesting mitochondrial respiratory chain deficiencies: a diagnostic study. <i>Lancet Neurology</i> , 2011, 10, 806-818.	10.2	352
17	Hepatic ceramides dissociate steatosis and insulin resistance in patients with non-alcoholic fatty liver disease. <i>Journal of Hepatology</i> , 2016, 64, 1167-1175.	3.7	342
18	Comparison of Insulin Regimens in Patients with Non-Insulin-Dependent Diabetes Mellitus. <i>New England Journal of Medicine</i> , 1992, 327, 1426-1433.	27.0	330

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19	Dietary Fat Content Modifies Liver Fat in Overweight Nondiabetic Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 2804-2809.	3.6	325
20	Natural Course of Insulin Resistance in Type I Diabetes. <i>New England Journal of Medicine</i> , 1986, 315, 224-230.	27.0	323
21	Genes Involved in Fatty Acid Partitioning and Binding, Lipolysis, Monocyte/Macrophage Recruitment, and Inflammation Are Overexpressed in the Human Fatty Liver of Insulin-Resistant Subjects. <i>Diabetes</i> , 2007, 56, 2759-2765.	0.6	306
22	Increased Liver Fat, Impaired Insulin Clearance, and Hepatic and Adipose Tissue Insulin Resistance in Type 2 Diabetes. <i>Gastroenterology</i> , 2008, 135, 122-130.	1.3	294
23	Adipose Tissue Inflammation and Increased Ceramide Content Characterize Subjects With High Liver Fat Content Independent of Obesity. <i>Diabetes</i> , 2007, 56, 1960-1968.	0.6	279
24	Genome-wide association study of non-alcoholic fatty liver and steatohepatitis in a histologically characterised cohort. <i>Journal of Hepatology</i> , 2020, 73, 505-515.	3.7	279
25	Glucose Toxicity*. <i>Endocrine Reviews</i> , 1992, 13, 415-431.	20.1	276
26	Saturated Fat Is More Metabolically Harmful for the Human Liver Than Unsaturated Fat or Simple Sugars. <i>Diabetes Care</i> , 2018, 41, 1732-1739.	8.6	266
27	Global Transcript Profiles of Fat in Monozygotic Twins Discordant for BMI: Pathways behind Acquired Obesity. <i>PLoS Medicine</i> , 2008, 5, e51.	8.4	265
28	The EASL Lâ€“Lancet Liver Commission: protecting the next generation of Europeans against liver disease complications and premature mortality. <i>Lancet</i> , The, 2022, 399, 61-116.	13.7	257
29	Effects of Identical Weight Loss on Body Composition and Features of Insulin Resistance in Obese Women With High and Low Liver Fat Content. <i>Diabetes</i> , 2003, 52, 701-707.	0.6	249
30	New Insulin Glargine 300 Units/mL Versus Glargine 100 Units/mL in People With Type 2 Diabetes Using Oral Agents and Basal Insulin: Glucose Control and Hypoglycemia in a 6-Month Randomized Controlled Trial (EDITION 2). <i>Diabetes Care</i> , 2014, 37, 3235-3243.	8.6	246
31	Fat in the liver and insulin resistance. <i>Annals of Medicine</i> , 2005, 37, 347-356.	3.8	235
32	Effects of Exenatide on Measures of Î²-Cell Function After 3 Years in Metformin-Treated Patients With Type 2 Diabetes. <i>Diabetes Care</i> , 2011, 34, 2041-2047.	8.6	221
33	Fatty acid metabolism in adipose tissue, muscle and liver in health and disease. <i>Essays in Biochemistry</i> , 2006, 42, 89-103.	4.7	219
34	Association of Lipidome Remodeling in the Adipocyte Membrane with Acquired Obesity in Humans. <i>PLoS Biology</i> , 2011, 9, e1000623.	5.6	213
35	Hepatic Stearoyl-CoA Desaturase (SCD)-1 Activity and Diacylglycerol but Not Ceramide Concentrations Are Increased in the Nonalcoholic Human Fatty Liver. <i>Diabetes</i> , 2009, 58, 203-208.	0.6	210
36	Overexpression of 11Î²-Hydroxysteroid Dehydrogenase-1 in Adipose Tissue Is Associated with Acquired Obesity and Features of Insulin Resistance: Studies in Young Adult Monozygotic Twins. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 4414-4421.	3.6	207

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37	Quantitative PCR provides a simple and accessible method for quantitative microbiota profiling. PLoS ONE, 2020, 15, e0227285.	2.5	207
38	Dose-Response Characteristics for Suppression of Low Molecular Weight Plasma Insulin-Like Growth Factor-Binding Protein by Insulin*. Journal of Clinical Endocrinology and Metabolism, 1989, 68, 135-140.	3.6	205
39	Liver Fat Is Increased in Type 2 Diabetic Patients and Underestimated by Serum Alanine Aminotransferase Compared With Equally Obese Nondiabetic Subjects. Diabetes Care, 2008, 31, 165-169.	8.6	200
40	Independent Influence of Age on Basal Insulin Secretion in Nondiabetic Humans. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 863-868.	3.6	199
41	Impaired Responsiveness to NO in Newly Diagnosed Patients With Rheumatoid Arthritis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2002, 22, 1637-1641.	2.4	198
42	Pathogenesis of non-insulin-dependent diabetes mellitus. Lancet, The, 1994, 343, 91-95.	13.7	185
43	Why does obesity cause diabetes?. Cell Metabolism, 2022, 34, 11-20.	16.2	183
44	Effect of liver fat on insulin clearance. American Journal of Physiology - Endocrinology and Metabolism, 2007, 293, E1709-E1715.	3.5	174
45	Effect of short-term carbohydrate overfeeding and long-term weight loss on liver fat in overweight humans. American Journal of Clinical Nutrition, 2012, 96, 727-734.	4.7	171
46	Congruence between NOTCH3 mutations and GOM in 131 CADASIL patients. Brain, 2009, 132, 933-939.	7.6	166
47	Rosiglitazone in the Treatment of Haart-Associated Lipodystrophy â€“ a Randomized Double-Blind Placebo-Controlled Study. Antiviral Therapy, 2003, 8, 199-207.	1.0	164
48	Body Fat Distribution and Cortisol Metabolism in Healthy Men: Enhanced 5Î²-Reductase and Lower Cortisol/Cortisone Metabolite Ratios in Men with Fatty Liver. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 4924-4931.	3.6	163
49	Increased fat accumulation in the liver in HIV-infected patients with antiretroviral therapy-associated lipodystrophy. Aids, 2002, 16, 2183-2193.	2.2	162
50	Intense physical training decreases circulating antioxidants and endothelium-dependent vasodilatation in vivo. Atherosclerosis, 1999, 145, 341-349.	0.8	159
51	Negative Binomial Meta-Regression Analysis of Combined Glycosylated Hemoglobin and Hypoglycemia Outcomes Across Eleven Phase III and IV Studies of Insulin Glargine Compared with Neutral Protamine Hagedorn Insulin in Type 1 and Type 2 Diabetes Mellitus. Clinical Therapeutics, 2007, 29, 1607-1619.	2.5	154
52	Intra-adipose sex steroid metabolism and body fat distribution in idiopathic human obesity. Clinical Endocrinology, 2007, 66, 440-446.	2.4	149
53	Altered miRNA processing disrupts brown/white adipocyte determination and associates with lipodystrophy. Journal of Clinical Investigation, 2014, 124, 3339-3351.	8.2	149
54	Diagnostic accuracy of elastography and magnetic resonance imaging in patients with NAFLD: A systematic review and meta-analysis. Journal of Hepatology, 2021, 75, 770-785.	3.7	149

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55	Sex and insulin sensitivity. <i>Metabolism: Clinical and Experimental</i> , 1984, 33, 1011-1015.	3.4	146
56	The MBOAT7 variant rs641738 alters hepatic phosphatidylinositols and increases severity of non-alcoholic fatty liver disease in humans. <i>Journal of Hepatology</i> , 2016, 65, 1263-1265.	3.7	140
57	Exenatide Affects Circulating Cardiovascular Risk Biomarkers Independently of Changes in Body Composition. <i>Diabetes Care</i> , 2010, 33, 1734-1737.	8.6	139
58	Liver Fat Accumulation and Insulin Resistance in Obese Women with Previous Gestational Diabetes. <i>Obesity</i> , 2002, 10, 859-867.	4.0	137
59	Effect of a ketogenic diet on hepatic steatosis and hepatic mitochondrial metabolism in nonalcoholic fatty liver disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 7347-7354.	7.1	137
60	Initiate Insulin by Aggressive Titration and Education (INITIATE): A randomized study to compare initiation of insulin combination therapy in type 2 diabetic patients individually and in groups. <i>Diabetes Care</i> , 2007, 30, 1364-1369.	8.6	135
61	The PROactive study: some answers, many questions. <i>Lancet, The</i> , 2005, 366, 1241-1242.	13.7	132
62	Genetic variation in PNPLA3 (adiponutrin) confers sensitivity to weight loss-induced decrease in liver fat in humans. <i>American Journal of Clinical Nutrition</i> , 2011, 94, 104-111.	4.7	131
63	Prediction of non-alcoholic fatty-liver disease and liver fat content by serum molecular lipids. <i>Diabetologia</i> , 2013, 56, 2266-2274.	6.3	129
64	Inhibition of Platelet-Collagen Interaction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002, 22, 167-172.	2.4	128
65	Genetic factors contribute to variation in serum alanine aminotransferase activity independent of obesity and alcohol: A study in monozygotic and dizygotic twins. <i>Journal of Hepatology</i> , 2009, 50, 1035-1042.	3.7	124
66	Effects of Adding Linagliptin to Basal Insulin Regimen for Inadequately Controlled Type 2 Diabetes. <i>Diabetes Care</i> , 2013, 36, 3875-3881.	8.6	124
67	Continuous Subcutaneous Insulin Infusion Therapy Decreases Insulin Resistance in Type 1 Diabetes*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1984, 58, 659-666.	3.6	123
68	Ethanol Decreases Glucose Utilization In Healthy Man*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1985, 61, 941-945.	3.6	123
69	Cholesterol synthesis is increased and absorption decreased in non-alcoholic fatty liver disease independent of obesity. <i>Journal of Hepatology</i> , 2011, 54, 153-159.	3.7	123
70	Noninvasive Detection of Nonalcoholic Steatohepatitis Using Clinical Markers and Circulating Levels of Lipids and Metabolites. <i>Clinical Gastroenterology and Hepatology</i> , 2016, 14, 1463-1472.e6.	4.4	120
71	One-year treatment with exenatide vs. Insulin Largin: Effects on postprandial glycemia, lipid profiles, and oxidative stress. <i>Atherosclerosis</i> , 2010, 212, 223-229.	0.8	118
72	Nutritional Modulation of Non-Alcoholic Fatty Liver Disease and Insulin Resistance. <i>Nutrients</i> , 2015, 7, 9127-9138.	4.1	117

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73	Severity, Duration, and Mechanisms of Insulin Resistance during Acute Infections*. Journal of Clinical Endocrinology and Metabolism, 1989, 69, 317-323.	3.6	116
74	Definitions of Normal Liver Fat and the Association of Insulin Sensitivity with Acquired and Genetic NAFLD—A Systematic Review. International Journal of Molecular Sciences, 2016, 17, 633.	4.1	114
75	Dietary carbohydrates and fats in nonalcoholic fatty liver disease. Nature Reviews Gastroenterology and Hepatology, 2021, 18, 770-786.	17.8	108
76	A population-based study on the prevalence of NASH using scores validated against liver histology. Journal of Hepatology, 2014, 60, 839-846.	3.7	107
77	Free Fatty Acid Kinetics and Oxidation in Congestive Heart Failure. American Journal of Cardiology, 1998, 81, 45-50.	1.6	106
78	Exposure to environmental contaminants is associated with altered hepatic lipid metabolism in non-alcoholic fatty liver disease. Journal of Hepatology, 2022, 76, 283-293.	3.7	106
79	Prolonged Exercise Increases Serum Insulin-Like Growth Factor-Binding Protein Concentrations*. Journal of Clinical Endocrinology and Metabolism, 1989, 68, 141-144.	3.6	105
80	Circulating triacylglycerol signatures and insulin sensitivity in NAFLD associated with the E167K variant in TM6SF2. Journal of Hepatology, 2015, 62, 657-663.	3.7	104
81	Insulin and glucosamine infusions increase O-linked N-acetyl-glucosamine in skeletal muscle proteins in vivo. Metabolism: Clinical and Experimental, 1998, 47, 449-455.	3.4	103
82	Expression of adipogenic transcription factors, peroxisome proliferator-activated receptor gamma co-activator 1, IL-6 and CD45 in subcutaneous adipose tissue in lipodystrophy associated with highly active antiretroviral therapy. Aids, 2003, 17, 1753-1762.	2.2	103
83	Genome-scale study reveals reduced metabolic adaptability in patients with non-alcoholic fatty liver disease. Nature Communications, 2016, 7, 8994.	12.8	103
84	Effect of Free Fatty Acids on Glucose Uptake and Nonoxidative Glycolysis across Human Forearm Tissues in the Basal State and during Insulin Stimulation*. Journal of Clinical Endocrinology and Metabolism, 1991, 72, 1268-1277.	3.6	99
85	Liver Fat in the Pathogenesis of Insulin Resistance and Type 2 Diabetes. Digestive Diseases, 2010, 28, 203-209.	1.9	98
86	Impaired hepatic lipid synthesis from polyunsaturated fatty acids in TM6SF2 E167K variant carriers with NAFLD. Journal of Hepatology, 2017, 67, 128-136.	3.7	97
87	PNPLA3 mediates hepatocyte triacylglycerol remodeling. Journal of Lipid Research, 2014, 55, 739-746.	4.2	96
88	Increased coagulation factor VIII, IX, XI and XII activities in non-alcoholic fatty liver disease. Liver International, 2011, 31, 176-183.	3.9	95
89	The Contribution of Visceral Adipose Tissue to Splanchnic Cortisol Production in Healthy Humans. Diabetes, 2005, 54, 1364-1370.	0.6	93
90	Human PNPLA3-I148M variant increases hepatic retention of polyunsaturated fatty acids. JCI Insight, 2019, 4, .	5.0	93

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91	Circulating Concentration of Adiponectin and Its Expression in Subcutaneous Adipose Tissue in Patients with Highly Active Antiretroviral Therapy-Associated Lipodystrophy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 1907-1910.	3.6	91
92	Liver fat and lipid oxidation in humans. <i>Liver International</i> , 2009, 29, 1439-1446.	3.9	89
93	Insulin Sensitivity in Newly Diagnosed Type 1 Diabetics after Ketoacidosis and after Three Months of Insulin Therapy*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1984, 59, 371-378.	3.6	88
94	LPIAT1/MBOAT7 depletion increases triglyceride synthesis fueled by high phosphatidylinositol turnover. <i>Gut</i> , 2021, 70, 180-193.	12.1	86
95	Use of HOMA-IR to diagnose non-alcoholic fatty liver disease: a population-based and inter-laboratory study. <i>Diabetologia</i> , 2017, 60, 1873-1882.	6.3	85
96	Exome-Wide Association Study on Alanine Aminotransferase Identifies Sequence Variants in the GPAM and APOE Associated With Fatty Liver Disease. <i>Gastroenterology</i> , 2021, 160, 1634-1646.e7.	1.3	82
97	Effects of equal weight loss with orlistat and placebo on body fat and serum fatty acid composition and insulin resistance in obese women. <i>American Journal of Clinical Nutrition</i> , 2004, 79, 22-30.	4.7	80
98	Distinct contributions of metabolic dysfunction and genetic risk factors in the pathogenesis of non-alcoholic fatty liver disease. <i>Journal of Hepatology</i> , 2022, 76, 526-535.	3.7	80
99	rs641738C>T near MBOAT7 is associated with liver fat, ALT and fibrosis in NAFLD: A meta-analysis. <i>Journal of Hepatology</i> , 2021, 74, 20-30.	3.7	77
100	Genetic variation in the ADIPOR2 gene is associated with liver fat content and its surrogate markers in three independent cohorts. <i>European Journal of Endocrinology</i> , 2009, 160, 593-602.	3.7	76
101	PNPLA3 is regulated by glucose in human hepatocytes, and its I148M mutant slows down triglyceride hydrolysis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 302, E1063-E1069.	3.5	76
102	Diagnosis of non-alcoholic fatty liver disease (NAFLD). <i>Diabetologia</i> , 2016, 59, 1104-1111.	6.3	76
103	Zidovudine/lamivudine contributes to insulin resistance within 3 months of starting combination antiretroviral therapy. <i>Aids</i> , 2008, 22, 227-236.	2.2	74
104	Regulation of Plasma PAI-1 Concentrations in HAART-Associated Lipodystrophy During Rosiglitazone Therapy. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003, 23, 688-694.	2.4	72
105	Regulation of Angiopoietin-Like Proteins (ANGPTLs) 3 and 8 by Insulin. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, E1299-E1307.	3.6	72
106	The European NAFLD Registry: A real-world longitudinal cohort study of nonalcoholic fatty liver disease. <i>Contemporary Clinical Trials</i> , 2020, 98, 106175.	1.8	71
107	Postprandial Lipemia Associates with Liver Fat Content. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 3052-3059.	3.6	70
108	Better glycaemic control and less hypoglycaemia with insulin glargine 300 <sc>U/mL</sc> vs glargine 100 <sc>U/mL</sc>: 1-year patient-level meta-analysis of the <sc>EDITION</sc> clinical studies in people with type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 541-548.	4.4	69

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109	Lowering of LDL Cholesterol Rather Than Moderate Weight Loss Improves Endothelium-Dependent Vasodilatation in Obese Women With Previous Gestational Diabetes. <i>Diabetes Care</i> , 2003, 26, 1667-1672.	8.6	68
110	3.5 Years of Insulin Therapy With Insulin Glargine Improves In Vivo Endothelial Function in Type 2 Diabetes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004, 24, 325-330.	2.4	67
111	Effects of Chronic Rosiglitazone Therapy on Gene Expression in Human Adipose Tissue in Vivo in Patients with Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 720-724.	3.6	66
112	Long-Term Effects of Fenofibrate on Carotid Intima-Media Thickness and Augmentation Index in Subjects With Type 2 Diabetes Mellitus. <i>Journal of the American College of Cardiology</i> , 2008, 52, 2190-2197.	2.8	66
113	Acquired Obesity Increases CD68 and Tumor Necrosis Factor- $\alpha$ and Decreases Adiponectin Gene Expression in Adipose Tissue: A Study in Monozygotic Twins. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 2776-2781.	3.6	65
114	Insulin-Like Growth Factor Binding Protein 1 as a Novel Specific Marker of Hepatic Insulin Sensitivity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 4867-4872.	3.6	64
115	Nutritional modulation of nonalcoholic fatty liver disease and insulin resistance: human data. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2010, 13, 709-714.	2.5	63
116	Use of Genome-Wide Expression Data to Mine the "Gray Zone" of GWA Studies Leads to Novel Candidate Obesity Genes. <i>PLoS Genetics</i> , 2010, 6, e1000976.	3.5	62
117	Ketone body production is differentially altered in steatosis and nonalcoholic steatohepatitis in obese humans. <i>Liver International</i> , 2015, 35, 1853-1861.	3.9	62
118	Hydroxysteroid 17- $\beta$ dehydrogenase 13 variant increases phospholipids and protects against fibrosis in nonalcoholic fatty liver disease. <i>JCI Insight</i> , 2020, 5, .	5.0	62
119	Splanchnic Balance of Free Fatty Acids, Endocannabinoids, and Lipids in Subjects With Nonalcoholic Fatty Liver Disease. <i>Gastroenterology</i> , 2010, 139, 1961-1971.e1.	1.3	61
120	The Effect of Insulin and FFA on Myocardial Glucose Uptake. <i>Journal of Molecular and Cellular Cardiology</i> , 1995, 27, 1359-1367.	1.9	60
121	Insulin resistance and endothelial dysfunction. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2003, 17, 411-430.	4.7	58
122	Circulating Triacylglycerol Signatures in Nonalcoholic Fatty Liver Disease Associated With the I148M Variant in PNPLA3 and With Obesity. <i>Diabetes</i> , 2014, 63, 312-322.	0.6	58
123	Resistance to Acute Insulin Induced Decreases in Large Artery Stiffness Accompanies the Insulin Resistance Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 5262-5268.	3.6	54
124	Gene polymorphisms of cellular senescence marker p21 and disease progression in non-alcohol-related fatty liver disease. <i>Cell Cycle</i> , 2014, 13, 1489-1494.	2.6	54
125	Metabolomes of mitochondrial diseases and inclusion body myositis patients: treatment targets and biomarkers. <i>EMBO Molecular Medicine</i> , 2018, 10, .	6.9	54
126	Macrophage scavenger receptor 1 mediates lipid-induced inflammation in non-alcoholic fatty liver disease. <i>Journal of Hepatology</i> , 2022, 76, 1001-1012.	3.7	54



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127	Clinical benefits and mechanisms of a sustained response to intermittent insulin therapy in type 2 diabetic patients with secondary drug failure. <i>American Journal of Medicine</i> , 1988, 84, 185-192.	1.5	53
128	Site of Insulin Resistance in Type 1 Diabetes: Insulin-Mediated Glucose Disposal <i>in Vivo</i> in Relation to Insulin Binding and Action in Adipocytes <i>in Vitro</i> *. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1984, 59, 1183-1192.	3.6	51
129	Insulin-Induced Decreases in Aortic Wave Reflection and Central Systolic Pressure Are Impaired in Type 2 Diabetes. <i>Diabetes Care</i> , 2002, 25, 2314-2319.	8.6	51
130	Rosiglitazone Reduces Liver Fat and Insulin Requirements and Improves Hepatic Insulin Sensitivity and Glycemic Control in Patients with Type 2 Diabetes Requiring High Insulin Doses. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 118-124.	3.6	51
131	Thiazolidinediones and the liver in humans. <i>Current Opinion in Lipidology</i> , 2009, 20, 477-483.	2.7	49
132	Genetic variation in <i>PNPLA3</i> but not <i>APOC3</i> influences liver fat in nonalcoholic fatty liver disease. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2012, 27, 951-956.	2.8	49
133	Nonalcoholic Fatty Liver Disease: Detection of Elevated Nicotinamide Adenine Dinucleotide Phosphate with <i>in Vivo</i> 3.0-T <sup>31</sup> P MR Spectroscopy with Proton Decoupling. <i>Radiology</i> , 2010, 256, 466-473.	7.3	48
134	Regulation of plasma lactate concentration in resting human subjects. <i>Metabolism: Clinical and Experimental</i> , 1990, 39, 859-864.	3.4	47
135	Uridine supplementation for the treatment of antiretroviral therapy-associated lipodystrophy: a randomized, double-blind, placebo-controlled trial. <i>Antiviral Therapy</i> , 2007, 12, 97-105.	1.0	47
136	Insulin resistance is a prominent feature of patients with pancreatogenic diabetes. <i>Metabolism: Clinical and Experimental</i> , 1986, 35, 718-727.	3.4	46
137	Insulin increases the release of endothelin in endothelial cell cultures <i>in vitro</i> but not <i>in vivo</i> . <i>Metabolism: Clinical and Experimental</i> , 1994, 43, 878-882.	3.4	45
138	Insulin Resistance, Arterial Stiffness and Wave Reflection. , 2006, 44, 252-260.		45
139	The Effect of Exogenous Hyperinsulinemia on Proinsulin Secretion in Normal Man, Obese Subjects, and Patients with Insulinoma*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1986, 63, 1117-1120.	3.6	44
140	Liver Fat Content and Hepatic Insulin Sensitivity in Overweight Patients With Type 1 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 607-616.	3.6	43
141	Efficacy and Safety of Flexible Versus Fixed Dosing Intervals of Insulin Glargine 300 U/mL in People with Type 2 Diabetes. <i>Diabetes Technology and Therapeutics</i> , 2016, 18, 252-257.	4.4	42
142	No Evidence for Short-Term Regulation of Plasminogen Activator Inhibitor Activity by Insulin in Man. <i>Thrombosis and Haemostasis</i> , 1992, 67, 117-120.	3.4	42
143	Management of Type 2 Diabetes Mellitus and Cardiovascular Risk. <i>Drugs</i> , 2000, 60, 975-983.	10.9	41
144	Novel hepatic microRNAs upregulated in human nonalcoholic fatty liver disease. <i>Physiological Reports</i> , 2016, 4, e12661.	1.7	41

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145	MARC1 variant rs2642438 increases hepatic phosphatidylcholines and decreases severity of non-alcoholic fatty liver disease in humans. <i>Journal of Hepatology</i> , 2020, 73, 725-726.	3.7	39
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