

Jussi Pihlajamki

List of Publications by Citations

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204
papers

9,843
citations

51
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93
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219
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11,559
ext. citations

6.4
avg, IF

5.62
L-index

#	Paper	IF	Citations
204	A Pro12Ala substitution in PPARgamma2 associated with decreased receptor activity, lower body mass index and improved insulin sensitivity. <i>Nature Genetics</i> , 1998 , 20, 284-7	36.3	1117
203	Serum bile acids are higher in humans with prior gastric bypass: potential contribution to improved glucose and lipid metabolism. <i>Obesity</i> , 2009 , 17, 1671-7	8	431
202	The MBOAT7-TMC4 Variant rs641738 Increases Risk of Nonalcoholic Fatty Liver Disease in Individuals of European Descent. <i>Gastroenterology</i> , 2016 , 150, 1219-1230.e6	13.3	347
201	Transmembrane 6 superfamily member 2 gene variant disentangles nonalcoholic steatohepatitis from cardiovascular disease. <i>Hepatology</i> , 2015 , 61, 506-14	11.2	311
200	Probiotics modulated gut microbiota suppresses hepatocellular carcinoma growth in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E1306-15	11.5	288
199	Statin use and non-alcoholic steatohepatitis in at risk individuals. <i>Journal of Hepatology</i> , 2015 , 63, 705-12	13.4	227
198	Linkage of familial combined hyperlipidaemia to chromosome 1q21-q23. <i>Nature Genetics</i> , 1998 , 18, 369-73	33.3	226
197	Promoter polymorphisms of the TNF-alpha (G-308A) and IL-6 (C-174G) genes predict the conversion from impaired glucose tolerance to type 2 diabetes: the Finnish Diabetes Prevention Study. <i>Diabetes</i> , 2003 , 52, 1872-6	0.9	209
196	Multiple abnormalities in glucose and energy metabolism and coordinated changes in levels of adiponectin, cytokines, and adhesion molecules in subjects with metabolic syndrome. <i>Circulation</i> , 2004 , 110, 3842-8	16.7	207
195	Hyperglycemia and a common variant of GCKR are associated with the levels of eight amino acids in 9,369 Finnish men. <i>Diabetes</i> , 2012 , 61, 1895-902	0.9	195
194	Two polymorphisms in the peroxisome proliferator-activated receptor-gamma gene are associated with severe overweight among obese women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999 , 84, 3708-12	5.6	186
193	Causal relationship of hepatic fat with liver damage and insulin resistance in nonalcoholic fatty liver. <i>Journal of Internal Medicine</i> , 2018 , 283, 356-370	10.8	140
192	Indolepropionic acid and novel lipid metabolites are associated with a lower risk of type 2 diabetes in the Finnish Diabetes Prevention Study. <i>Scientific Reports</i> , 2017 , 7, 46337	4.9	137
191	Insulin resistance is associated with increased cholesterol synthesis and decreased cholesterol absorption in normoglycemic men. <i>Journal of Lipid Research</i> , 2004 , 45, 507-12	6.3	134
190	Conjugated bile acids associate with altered rates of glucose and lipid oxidation after Roux-en-Y gastric bypass. <i>Obesity Surgery</i> , 2012 , 22, 1473-80	3.7	127
189	Genomewide scan for familial combined hyperlipidemia genes in finnish families, suggesting multiple susceptibility loci influencing triglyceride, cholesterol, and apolipoprotein B levels. <i>American Journal of Human Genetics</i> , 1999 , 64, 1453-63	11	126
188	Polymorphisms in the ABCG5 and ABCG8 genes associate with cholesterol absorption and insulin sensitivity. <i>Journal of Lipid Research</i> , 2004 , 45, 1660-5	6.3	125

187	The C-174G promoter polymorphism of the IL-6 gene affects energy expenditure and insulin sensitivity. <i>Diabetes</i> , 2003 , 52, 558-61	0.9	122
186	Epigenetic Alterations in Human Liver From Subjects With Type 2 Diabetes in Parallel With Reduced Folate Levels. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, E1491-501	5.6	109
185	Thyroid hormone-related regulation of gene expression in human fatty liver. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 3521-9	5.6	108
184	DNA methylation of loci within ABCG1 and PHOSPHO1 in blood DNA is associated with future type 2 diabetes risk. <i>Epigenetics</i> , 2016 , 11, 482-8	5.7	99
183	Expression of the splicing factor gene SFRS10 is reduced in human obesity and contributes to enhanced lipogenesis. <i>Cell Metabolism</i> , 2011 , 14, 208-18	24.6	98
182	PKC β regulates hepatic insulin sensitivity and hepatosteatosis in mice and humans. <i>Journal of Clinical Investigation</i> , 2011 , 121, 2504-17	15.9	98
181	A population-based study on the prevalence of NASH using scores validated against liver histology. <i>Journal of Hepatology</i> , 2014 , 60, 839-46	13.4	89
180	SIRT1 mRNA expression may be associated with energy expenditure and insulin sensitivity. <i>Diabetes</i> , 2010 , 59, 829-35	0.9	83
179	Diverse associations of 25-hydroxyvitamin D and 1,25-dihydroxy-vitamin D with dyslipidaemias. <i>Journal of Internal Medicine</i> , 2010 , 268, 604-10	10.8	80
178	Association of ketone body levels with hyperglycemia and type 2 diabetes in 9,398 Finnish men. <i>Diabetes</i> , 2013 , 62, 3618-26	0.9	77
177	Polymorphisms of the SUR1 (ABCC8) and Kir6.2 (KCNJ11) genes predict the conversion from impaired glucose tolerance to type 2 diabetes. The Finnish Diabetes Prevention Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004 , 89, 6286-90	5.6	76
176	Associations of serum indolepropionic acid, a gut microbiota metabolite, with type 2 diabetes and low-grade inflammation in high-risk individuals. <i>Nutrition and Diabetes</i> , 2018 , 8, 35	4.7	75
175	Sulfonylurea receptor 1 gene variants are associated with gestational diabetes and type 2 diabetes but not with altered secretion of insulin. <i>Diabetes Care</i> , 2000 , 23, 70-3	14.6	74
174	Single-nucleotide polymorphism rs7754840 of CDKAL1 is associated with impaired insulin secretion in nondiabetic offspring of type 2 diabetic subjects and in a large sample of men with normal glucose tolerance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, 1924-30	5.6	71
173	Plasma fatty acids as predictors of glycaemia and type 2 diabetes. <i>Diabetologia</i> , 2015 , 58, 2533-44	10.3	70
172	Effect of bariatric surgery on liver glucose metabolism in morbidly obese diabetic and non-diabetic patients. <i>Journal of Hepatology</i> , 2014 , 60, 377-83	13.4	70
171	Serum interleukin 1 receptor antagonist as an independent marker of non-alcoholic steatohepatitis in humans. <i>Journal of Hepatology</i> , 2012 , 56, 663-70	13.4	69
170	Gene dose effect of the DQB1*0201 allele contributes to severity of coeliac disease. <i>Scandinavian Journal of Gastroenterology</i> , 2006 , 41, 191-9	2.4	69

169	Circulating CXCR5+PD-1+ICOS+ Follicular T Helper Cells Are Increased Close to the Diagnosis of Type 1 Diabetes in Children With Multiple Autoantibodies. <i>Diabetes</i> , 2017 , 66, 437-447	0.9	68
168	Link between GIP and osteopontin in adipose tissue and insulin resistance. <i>Diabetes</i> , 2013 , 62, 2088-94	0.9	64
167	Cholesterol absorption decreases after Roux-en-Y gastric bypass but not after gastric banding. <i>Metabolism: Clinical and Experimental</i> , 2010 , 59, 866-72	12.7	64
166	G-250A substitution in promoter of hepatic lipase gene is associated with dyslipidemia and insulin resistance in healthy control subjects and in members of families with familial combined hyperlipidemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000 , 20, 1789-95	9.4	64
165	Changes in inflammatory cytokines are related to impaired glucose tolerance in offspring of type 2 diabetic subjects. <i>Diabetes Care</i> , 2006 , 29, 2714-20	14.6	63
164	The K121Q polymorphism of the PC-1 gene is associated with insulin resistance but not with dyslipidemia. <i>Diabetes Care</i> , 2003 , 26, 464-7	14.6	63
163	Sleep of professional athletes: Underexploited potential to improve health and performance. <i>Journal of Sports Sciences</i> , 2017 , 35, 704-710	3.6	58
162	The G-250A promoter polymorphism of the hepatic lipase gene predicts the conversion from impaired glucose tolerance to type 2 diabetes mellitus: the Finnish Diabetes Prevention Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004 , 89, 2019-23	5.6	58
161	Fatty acid metabolism is altered in non-alcoholic steatohepatitis independent of obesity. <i>Metabolism: Clinical and Experimental</i> , 2016 , 65, 655-666	12.7	57
160	Adipose tissue TCF7L2 splicing is regulated by weight loss and associates with glucose and fatty acid metabolism. <i>Diabetes</i> , 2012 , 61, 2807-13	0.9	57
159	Mutations in the cardiac myosin-binding protein C gene are the predominant cause of familial hypertrophic cardiomyopathy in eastern Finland. <i>Journal of Molecular Medicine</i> , 2002 , 80, 412-22	5.5	57
158	DNA methylation in obesity and type 2 diabetes. <i>Annals of Medicine</i> , 2014 , 46, 103-13	1.5	56
157	The Trp64Arg polymorphism of the beta 3-Adrenergic receptor gene. Lack of association with NIDDM and features of insulin resistance syndrome. <i>Diabetes Care</i> , 1997 , 20, 1319-23	14.6	56
156	Endothelial function in hypercholesterolemic subjects: Effects of plant stanol and sterol esters. <i>Atherosclerosis</i> , 2006 , 188, 425-32	3.1	55
155	The cardiac beta-myosin heavy chain gene is not the predominant gene for hypertrophic cardiomyopathy in the Finnish population. <i>Journal of the American College of Cardiology</i> , 1998 , 32, 1709-18	15.1	54
154	Lipoprotein subclass metabolism in nonalcoholic steatohepatitis. <i>Journal of Lipid Research</i> , 2014 , 55, 2676-84	6.3	51
153	Single nucleotide polymorphisms in the peroxisome proliferator-activated receptor delta gene are associated with skeletal muscle glucose uptake. <i>Diabetes</i> , 2005 , 54, 3587-91	0.9	51
152	Common polymorphisms in the genes regulating the early insulin signalling pathway: effects on weight change and the conversion from impaired glucose tolerance to Type 2 diabetes. The Finnish Diabetes Prevention Study. <i>Diabetologia</i> , 2004 , 47, 871-7	10.3	50

151	Ketone body production is differentially altered in steatosis and non-alcoholic steatohepatitis in obese humans. <i>Liver International</i> , 2015 , 35, 1853-61	7.9	48
150	Insulin sensitivity regulates cholesterol metabolism to a greater extent than obesity: lessons from the METSIM Study. <i>Journal of Lipid Research</i> , 2010 , 51, 2422-7	6.3	48
149	High perceived stress is associated with unfavorable eating behavior in overweight and obese Finns of working age. <i>Appetite</i> , 2016 , 103, 249-258	4.5	48
148	Obstructive sleep apnea: the effect of bariatric surgery after 12 months. A prospective multicenter trial. <i>Sleep Medicine</i> , 2017 , 35, 85-90	4.6	45
147	The Pro12Ala polymorphism of the PPAR gamma 2 gene regulates weight from birth to adulthood. <i>Obesity</i> , 2004 , 12, 187-90		45
146	Codon 54 polymorphism of the human intestinal fatty acid binding protein 2 gene is associated with dyslipidemias but not with insulin resistance in patients with familial combined hyperlipidemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1997 , 17, 1039-44	9.4	45
145	Cholesterol synthesis prevails over absorption in metabolic syndrome. <i>Translational Research</i> , 2007 , 149, 310-6	11	44
144	Prevalence and Risk Factors of Significant Fibrosis in Patients With Nonalcoholic Fatty Liver Without Steatohepatitis. <i>Clinical Gastroenterology and Hepatology</i> , 2019 , 17, 2310-2319.e6	6.9	42
143	Association of angiotensin converting enzyme and plasminogen activator inhibitor-1 promoter gene polymorphisms with features of the insulin resistance syndrome in patients with premature coronary heart disease. <i>Atherosclerosis</i> , 2001 , 157, 57-64	3.1	42
142	Hepatic DPP4 DNA Methylation Associates With Fatty Liver. <i>Diabetes</i> , 2017 , 66, 25-35	0.9	41
141	The Pro12A1a substitution in the peroxisome proliferator activated receptor gamma 2 is associated with an insulin-sensitive phenotype in families with familial combined hyperlipidemia and in nondiabetic elderly subjects with dyslipidemia. <i>Atherosclerosis</i> , 2000 , 151, 567-74	3.1	41
140	High-fat diet increases tau expression in the brain of T2DM and AD mice independently of peripheral metabolic status. <i>Journal of Nutritional Biochemistry</i> , 2014 , 25, 634-41	6.3	40
139	Epigenome-Wide Association Study of Incident Type 2 Diabetes in a British Population: EPIC-Norfolk Study. <i>Diabetes</i> , 2019 , 68, 2315-2326	0.9	40
138	Human liver epigenetic alterations in non-alcoholic steatohepatitis are related to insulin action. <i>Epigenetics</i> , 2017 , 12, 287-295	5.7	39
137	Persistent organic pollutants and non-alcoholic fatty liver disease in morbidly obese patients: a cohort study. <i>Environmental Health</i> , 2015 , 14, 79	6	39
136	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, 292-9	14.6	39
135	Apolipoprotein E gene promoter (-219G/T) polymorphism is associated with premature coronary heart disease. <i>Journal of Molecular Medicine</i> , 2001 , 79, 732-7	5.5	39
134	LPIAT1/MBOAT7 depletion increases triglyceride synthesis fueled by high phosphatidylinositol turnover. <i>Gut</i> , 2021 , 70, 180-193	19.2	39

133	Healthy Nordic diet downregulates the expression of genes involved in inflammation in subcutaneous adipose tissue in individuals with features of the metabolic syndrome. <i>American Journal of Clinical Nutrition</i> , 2015 , 101, 228-39	7	38
132	Prevalence of Obstructive Sleep Apnoea Among Patients Admitted for Bariatric Surgery. A Prospective Multicentre Trial. <i>Obesity Surgery</i> , 2016 , 26, 1384-90	3.7	38
131	Fasting serum hippuric acid is elevated after bilberry (<i>Vaccinium myrtillus</i>) consumption and associates with improvement of fasting glucose levels and insulin secretion in persons at high risk of developing type 2 diabetes. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1700019	5.9	36
130	The Ala54Thr polymorphism of the fatty acid binding protein 2 gene does not influence insulin sensitivity in Finnish nondiabetic and NIDDM subjects. <i>Diabetes</i> , 1997 , 46, 711-2	0.9	36
129	FADS2 genotype regulates delta-6 desaturase activity and inflammation in human adipose tissue. <i>Journal of Lipid Research</i> , 2016 , 57, 56-65	6.3	35
128	Association of MBOAT7 gene variant with plasma ALT levels in children: the PANIC study. <i>Pediatric Research</i> , 2016 , 80, 651-655	3.2	34
127	Desmosterol in human nonalcoholic steatohepatitis. <i>Hepatology</i> , 2013 , 58, 976-82	11.2	34
126	Association of indices of liver and adipocyte insulin resistance with 19 confirmed susceptibility loci for type 2 diabetes in 6,733 non-diabetic Finnish men. <i>Diabetologia</i> , 2011 , 54, 563-71	10.3	34
125	Epigenetic alterations in blood mirror age-associated DNA methylation and gene expression changes in human liver. <i>Epigenomics</i> , 2017 , 9, 105-122	4.4	33
124	Inflammatory response to dietary linoleic acid depends on FADS1 genotype. <i>American Journal of Clinical Nutrition</i> , 2019 , 109, 165-175	7	33
123	Impaired free fatty acid suppression during hyperinsulinemia is a characteristic finding in familial combined hyperlipidemia, but insulin resistance is observed only in hypertriglyceridemic patients. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000 , 20, 164-70	9.4	32
122	Specific collagen XVIII isoforms promote adipose tissue accrual via mechanisms determining adipocyte number and affect fat deposition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E3043-52	11.5	31
121	The effectiveness and applicability of different lifestyle interventions for enhancing wellbeing: the study design for a randomized controlled trial for persons with metabolic syndrome risk factors and psychological distress. <i>BMC Public Health</i> , 2014 , 14, 310	4.1	31
120	Adipose tissue INSR splicing in humans associates with fasting insulin level and is regulated by weight loss. <i>Diabetologia</i> , 2014 , 57, 347-51	10.3	30
119	Protein phosphatase 1 regulatory subunit 3B gene variation protects against hepatic fat accumulation and fibrosis in individuals at high risk of nonalcoholic fatty liver disease. <i>Hepatology Communications</i> , 2018 , 2, 666-675	6	30
118	The effect of the -308A allele of the TNF-alpha gene on insulin action is dependent on obesity. <i>Obesity</i> , 2003 , 11, 912-7		29
117	Diabetes medication associates with DNA methylation of metformin transporter genes in the human liver. <i>Clinical Epigenetics</i> , 2017 , 9, 102	7.7	28
116	The effects of acceptance and commitment therapy on eating behavior and diet delivered through face-to-face contact and a mobile app: a randomized controlled trial. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2018 , 15, 22	8.4	28

115	The hormone sensitive lipase gene in familial combined hyperlipidemia and insulin resistance. <i>European Journal of Clinical Investigation</i> , 2001 , 31, 302-8	4.6	28
114	Impaired insulin-stimulated glucose oxidation and free fatty acid suppression in patients with familial combined hyperlipidemia: a precursor defect for dyslipidemia?. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1998 , 18, 1548-53	9.4	28
113	gene variation bridges atherogenic dyslipidemia with hepatic inflammation in NAFLD patients. <i>Journal of Lipid Research</i> , 2019 , 60, 1144-1153	6.3	27
112	Comparative nontargeted profiling of metabolic changes in tissues and biofluids in high-fat diet-fed Ossabaw pig. <i>Journal of Proteome Research</i> , 2013 , 12, 3980-92	5.6	27
111	Markers of endothelial dysfunction and low-grade inflammation are associated in the offspring of type 2 diabetic subjects. <i>Atherosclerosis</i> , 2008 , 197, 271-7	3.1	27
110	HLA genotyping is useful in the evaluation of the risk for coeliac disease in the 1st-degree relatives of patients with coeliac disease. <i>Scandinavian Journal of Gastroenterology</i> , 2006 , 41, 1299-304	2.4	27
109	Aldose reductase gene polymorphisms and peripheral nerve function in patients with type 2 diabetes. <i>Diabetes Care</i> , 2004 , 27, 2021-6	14.6	27
108	Genomewide search and association studies in a Finnish celiac disease population: Identification of a novel locus and replication of the HLA and CTLA4 loci 2004 , 130A, 345-50		27
107	Postprandial glucose metabolism and SCFA after consuming wholegrain rye bread and wheat bread enriched with bioprocessed rye bran in individuals with mild gastrointestinal symptoms. <i>Nutrition Journal</i> , 2014 , 13, 104	4.3	26
106	Association analysis of peroxisome proliferator-activated receptor gamma polymorphisms and late onset Alzheimer's disease in the Finnish population. <i>Dementia and Geriatric Cognitive Disorders</i> , 2006 , 22, 449-53	2.6	26
105	Insulin resistance is related to left ventricular hypertrophy in patients with polycystic kidney disease type 1. <i>American Journal of Kidney Diseases</i> , 2003 , 41, 1219-24	7.4	26
104	The effect of the Ala12 allele of the peroxisome proliferator-activated receptor-gamma2 gene on skeletal muscle glucose uptake depends on obesity: a positron emission tomography study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 4249-54	5.6	26
103	Sex Differences in the Methylome and Transcriptome of the Human Liver and Circulating HDL-Cholesterol Levels. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 4395-4408	5.6	26
102	The metabolism of plant sterols is disturbed in postmenopausal women with coronary artery disease. <i>Metabolism: Clinical and Experimental</i> , 2009 , 58, 401-7	12.7	25
101	Impact of obesity and associated diseases on outcome after laparoscopic cholecystectomy. <i>Surgical Laparoscopy, Endoscopy and Percutaneous Techniques</i> , 2012 , 22, 509-13	1.3	25
100	Molecular evaluation of vitamin D responsiveness of healthy young adults. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017 , 174, 314-321	5.1	24
99	Visceral obesity is associated with high levels of serum squalene. <i>Obesity</i> , 2006 , 14, 1155-63	8	24
98	Brown adipose tissue lipid metabolism in morbid obesity: Effect of bariatric surgery-induced weight loss. <i>Diabetes, Obesity and Metabolism</i> , 2018 , 20, 1280-1288	6.7	23

97	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	13.3	23
96	Incidence, Comorbidities, and Mortality in Idiopathic Normal Pressure Hydrocephalus. <i>World Neurosurgery</i> , 2018 , 112, e624-e631	2.1	22
95	Interleukin-6 promoter polymorphism and late-onset Alzheimer disease in the Finnish population. <i>Journal of Neurogenetics</i> , 2005 , 19, 155-61	1.6	22
94	The Val103Ile polymorphism of melanocortin-4 receptor regulates energy expenditure and weight gain. <i>Obesity</i> , 2004 , 12, 1060-6		22
93	Plasma cathepsin D correlates with histological classifications of fatty liver disease in adults and responds to intervention. <i>Scientific Reports</i> , 2016 , 6, 38278	4.9	22
92	Haplotypes of PPARGC1A are associated with glucose tolerance, body mass index and insulin sensitivity in offspring of patients with type 2 diabetes. <i>Diabetologia</i> , 2005 , 48, 1331-4	10.3	21
91	Interorgan cross talk between fatty acid metabolism, tissue inflammation, and FADS2 genotype in humans with obesity. <i>Obesity</i> , 2017 , 25, 545-552	8	20
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	6	20
89	Association of fatty liver index with the risk of incident cardiovascular disease and acute myocardial infarction. <i>European Journal of Gastroenterology and Hepatology</i> , 2018 , 30, 1047-1054	2.2	20
88	MFAP5 is related to obesity-associated adipose tissue and extracellular matrix remodeling and inflammation. <i>Obesity</i> , 2015 , 23, 1371-8	8	20
87	Serum adipokines are associated with cholesterol metabolism in the metabolic syndrome. <i>Clinica Chimica Acta</i> , 2007 , 383, 126-32	6.2	20
86	Measured energy content of frequently purchased restaurant meals: multi-country cross sectional study. <i>BMJ, The</i> , 2018 , 363, k4864	5.9	20
85	Downregulation of CPPED1 expression improves glucose metabolism in vitro in adipocytes. <i>Diabetes</i> , 2013 , 62, 3747-50	0.9	18
84	Different regulation of free fatty acid levels and glucose oxidation by the Trp64Arg polymorphism of the beta3-adrenergic receptor gene and the promoter variant (A-3826G) of the uncoupling protein 1 gene in familial combined hyperlipidemia. <i>Metabolism: Clinical and Experimental</i> , 1998 , 47, 1397-402	12.7	18
83	Increased Liver Fatty Acid Uptake Is Partly Reversed and Liver Fat Content Normalized After Bariatric Surgery. <i>Diabetes Care</i> , 2018 , 41, 368-371	14.6	18
82	Novel Lipid Long Intervening Noncoding RNA, Oligodendrocyte Maturation-Associated Long Intergenic Noncoding RNA, Regulates the Liver Steatosis Gene Stearoyl-Coenzyme A Desaturase As an Enhancer RNA. <i>Hepatology Communications</i> , 2019 , 3, 1356-1372	6	17
81	Alterations in fatty acid metabolism in response to obesity surgery combined with dietary counseling. <i>Nutrition and Diabetes</i> , 2017 , 7, e285	4.7	17
80	The Leu7Pro polymorphism of the neuropeptide Y gene regulates free fatty acid metabolism. <i>Metabolism: Clinical and Experimental</i> , 2003 , 52, 643-6	12.7	17

79	Association of plasma fatty acid composition with plasma irisin levels in normal weight and overweight/obese children. <i>Pediatric Obesity</i> , 2016 , 11, 299-305	4.6	17
78	Gene-diet interaction of a common FADS1 variant with marine polyunsaturated fatty acids for fatty acid composition in plasma and erythrocytes among men. <i>Molecular Nutrition and Food Research</i> , 2016 , 60, 381-9	5.9	17
77	Identification and characterization of a FOXA2-regulated transcriptional enhancer at a type 2 diabetes intronic locus that controls GCKR expression in liver cells. <i>Genome Medicine</i> , 2017 , 9, 63	14.4	16
76	Genetic risk score does not predict the outcome of obesity surgery. <i>Obesity Surgery</i> , 2014 , 24, 128-33	3.7	16
75	Common polymorphisms of calpain-10 are associated with abdominal obesity in subjects at high risk of type 2 diabetes. <i>Diabetologia</i> , 2006 , 49, 1560-6	10.3	16
74	Single nucleotide polymorphisms of the melanocortin-3 receptor gene are associated with substrate oxidation and first-phase insulin secretion in offspring of type 2 diabetic subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 1112-7	5.6	16
73	Associations of I148M variant in PNPLA3 gene with plasma ALT levels during 2-year follow-up in normal weight and overweight children: the PANIC Study. <i>Pediatric Obesity</i> , 2015 , 10, 84-90	4.6	15
72	Changes in cytokine levels during acute hyperinsulinemia in offspring of type 2 diabetic subjects. <i>Atherosclerosis</i> , 2010 , 210, 536-41	3.1	15
71	High amount of visceral fat mass is associated with multiple metabolic changes in offspring of type 2 diabetic patients. <i>International Journal of Obesity</i> , 2005 , 29, 1464-70	5.5	15
70	Evaluation of the Effect of Bariatric Surgery-Induced Weight Loss on Knee Gait and Cartilage Degeneration. <i>Journal of Biomechanical Engineering</i> , 2018 , 140,	2.1	15
69	The 148 M allele of the PNPLA3 is associated with plasma irisin levels in a population sample of Caucasian children: The PANIC Study. <i>Metabolism: Clinical and Experimental</i> , 2015 , 64, 793-6	12.7	14
68	Effector T Cell Resistance to Suppression and STAT3 Signaling during the Development of Human Type 1 Diabetes. <i>Journal of Immunology</i> , 2018 , 201, 1144-1153	5.3	14
67	Parental metabolic syndrome epigenetically reprograms offspring hepatic lipid metabolism in mice. <i>Journal of Clinical Investigation</i> , 2020 , 130, 2391-2407	15.9	14
66	Epigenetic markers associated with metformin response and intolerance in drug-naïve patients with type 2 diabetes. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	14
65	Dietary Fiber from Oat and Rye Brans Ameliorate Western Diet-Induced Body Weight Gain and Hepatic Inflammation by the Modulation of Short-Chain Fatty Acids, Bile Acids, and Tryptophan Metabolism. <i>Molecular Nutrition and Food Research</i> , 2021 , 65, e1900580	5.9	14
64	Non-cholesterol sterol levels predict hyperglycemia and conversion to type 2 diabetes in Finnish men. <i>PLoS ONE</i> , 2013 , 8, e67406	3.7	13
63	Liver DNA methylation of FADS2 associates with FADS2 genotype. <i>Clinical Epigenetics</i> , 2019 , 11, 10	7.7	12
62	Digitally supported program for type 2 diabetes risk identification and risk reduction in real-world setting: protocol for the StopDia model and randomized controlled trial. <i>BMC Public Health</i> , 2019 , 19, 255	4.1	12

61	Comprehensive Pharmacogenomic Study Reveals an Important Role of UGT1A3 in Montelukast Pharmacokinetics. <i>Clinical Pharmacology and Therapeutics</i> , 2018 , 104, 158-168	6.1	12
60	A liquid chromatography-tandem mass spectrometry analysis of nine cytochrome P450 probe drugs and their corresponding metabolites in human serum and urine. <i>Analytical and Bioanalytical Chemistry</i> , 2017 , 409, 251-268	4.4	12
59	Regulation of alternative splicing in obesity and weight loss. <i>Adipocyte</i> , 2013 , 2, 143-7	3.2	12
58	Decreased plasma serotonin and other metabolite changes in healthy adults after consumption of wholegrain rye: an untargeted metabolomics study. <i>American Journal of Clinical Nutrition</i> , 2019 , 109, 1630-1639	7	11
57	Markers of cholesterol metabolism as biomarkers in predicting diabetes in the Finnish Diabetes Prevention Study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2015 , 25, 635-42	4.5	11
56	Dietary polyunsaturated fatty acids and the Pro12Ala polymorphisms of PPARG regulate serum lipids through divergent pathways: a randomized crossover clinical trial. <i>Genes and Nutrition</i> , 2015 , 10, 43	4.3	11
55	Associations of TM6SF2 167K allele with liver enzymes and lipid profile in children: the PANIC Study. <i>Pediatric Research</i> , 2016 , 79, 684-8	3.2	11
54	PCSK9 rs11591147 R46L loss-of-function variant protects against liver damage in individuals with NAFLD. <i>Liver International</i> , 2021 , 41, 321-332	7.9	10
53	Regulation of alternative splicing in human obesity loci. <i>Obesity</i> , 2016 , 24, 2033-7	8	9
52	Cholesterol metabolism and non-cholesterol sterol distribution in lipoproteins of type 1 diabetes: the effect of improved glycemic control. <i>Atherosclerosis</i> , 2007 , 194, 465-72	3.1	9
51	Distinct contributions of metabolic dysfunction and genetic risk factors in the pathogenesis of non-alcoholic fatty liver disease. <i>Journal of Hepatology</i> , 2021 ,	13.4	9
50	An Isocaloric Nordic Diet Modulates and Gene Expression in Peripheral Blood Mononuclear Cells in Individuals with Metabolic Syndrome-A SYSDIET Sub-Study. <i>Nutrients</i> , 2019 , 11,	6.7	9
49	Healthy Nordic Diet Modulates the Expression of Genes Related to Mitochondrial Function and Immune Response in Peripheral Blood Mononuclear Cells from Subjects with Metabolic Syndrome-A SYSDIET Sub-Study. <i>Molecular Nutrition and Food Research</i> , 2019 , 63, e1801405	5.9	8
48	Effects of Genetic Variants on Carboxylesterase 1 Gene Expression, and Clopidogrel Pharmacokinetics and Antiplatelet Effects. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2018 , 122, 341-345	3.1	8
47	The Pro12Ala polymorphism of the PPARGgamma2 gene is associated with hepatic glucose uptake during hyperinsulinemia in subjects with type 2 diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , 2009 , 58, 541-6	12.7	8
46	Single nucleotide polymorphisms of the MCHR1 gene do not affect metabolism in humans. <i>Obesity</i> , 2007 , 15, 2902-7	8	8
45	Serum aromatic and branched-chain amino acids associated with NASH demonstrate divergent associations with serum lipids. <i>Liver International</i> , 2021 , 41, 754-763	7.9	8
44	Internet-Based Lifestyle Intervention to Prevent Type 2 Diabetes Through Healthy Habits: Design and 6-Month Usage Results of Randomized Controlled Trial. <i>JMIR Diabetes</i> , 2020 , 5, e15219	2.7	7

43	The Effects of Acceptance and Commitment Therapy (ACT) Intervention on Inflammation and Stress Biomarkers: a Randomized Controlled Trial. <i>International Journal of Behavioral Medicine</i> , 2020 , 27, 539-555	2.6	6
42	Cross-linking of sodium caseinate-structured emulsion with transglutaminase alters postprandial metabolic and appetite responses in healthy young individuals. <i>British Journal of Nutrition</i> , 2015 , 114, 418-29	3.6	6
41	Indole-3-Propionic Acid, a Gut-Derived Tryptophan Metabolite, Associates with Hepatic Fibrosis. <i>Nutrients</i> , 2021 , 13,	6.7	6
40	Diabetic phenotype in mouse and humans reduces the number of microglia around β -amyloid plaques. <i>Molecular Neurodegeneration</i> , 2020 , 15, 66	19	6
39	Laparoscopic Roux-en-Y gastric bypass surgery influenced pharmacokinetics of several drugs given as a cocktail with the highest impact observed for CYP1A2, CYP2C8 and CYP2E1 substrates. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2019 , 125, 123-132	3.1	5
38	Glomerular filtration rate and parathyroid hormone are associated with 1,25-dihydroxyvitamin D in men without chronic kidney disease. <i>Journal of Internal Medicine</i> , 2012 , 271, 573-80	10.8	5
37	A major gene effect on fasting insulin and insulin sensitivity in familial combined hyperlipidemia. <i>Diabetes</i> , 2001 , 50, 2396-401	0.9	5
36	Mucosal-associated invariant T cell alterations during the development of human type 1 diabetes. <i>Diabetologia</i> , 2020 , 63, 2396-2409	10.3	5
35	The FADS1 Genotype Modifies Metabolic Responses to the Linoleic Acid and Alpha-linolenic Acid Containing Plant Oils-Genotype Based Randomized Trial FADSDIET2. <i>Molecular Nutrition and Food Research</i> , 2021 , 65, e2001004	5.9	5
34	Serum, liver and bile sitosterol and sitostanol in obese patients with and without NAFLD. <i>Bioscience Reports</i> , 2018 , 38,	4.1	4
33	Serum Plant Sterols Associate with Gallstone Disease Independent of Weight Loss and Non-Alcoholic Fatty Liver Disease. <i>Obesity Surgery</i> , 2017 , 27, 1284-1291	3.7	4
32	Response to Brosch et al. <i>Cell Metabolism</i> , 2012 , 15, 267-269	24.6	4
31	Eating Competence Is Associated with Lower Prevalence of Obesity and Better Insulin Sensitivity in Finnish Adults with Increased Risk for Type 2 Diabetes: The StopDia Study. <i>Nutrients</i> , 2019 , 12,	6.7	4
30	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	4.5	4
29	Integrative analysis of liver-specific non-coding regulatory SNPs associated with the risk of coronary artery disease. <i>American Journal of Human Genetics</i> , 2021 , 108, 411-430	11	4
28	Total liver phosphatidylcholine content associates with non-alcoholic steatohepatitis and glycine N-methyltransferase expression. <i>Liver International</i> , 2019 , 39, 1895-1905	7.9	3
27	Small Intestinal Length Associates with Serum Triglycerides Before and After LRYGB. <i>Obesity Surgery</i> , 2018 , 28, 3969-3975	3.7	3
26	Plasma IL-1 receptor antagonist levels correlate with the development of non-alcoholic steatohepatitis. <i>Biomarkers in Medicine</i> , 2015 , 9, 1301-9	2.3	3

25	Association of fatty liver disease with mortality outcomes in an Eastern Finland male cohort. <i>BMJ Open Gastroenterology</i> , 2019 , 6, e000219	3.9	3
24	NR1H4 rs35724 G>C variant modulates liver damage in nonalcoholic fatty liver disease. <i>Liver International</i> , 2021 , 41, 2712-2719	7.9	3
23	The effect of different estradiol levels on carotid artery distensibility during a long agonist IVF protocol. <i>Reproductive Biology and Endocrinology</i> , 2020 , 18, 44	5	2
22	Fatty liver index as a predictor of increased risk of cardiometabolic disease: finding from the Kuopio Ischaemic Heart Disease Risk Factor Study Cohort. <i>BMJ Open</i> , 2019 , 9, e031420	3	2
21	Formation and Validation of the Healthy Diet Index (HDI) for Evaluation of Diet Quality in Healthcare. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	2
20	Identification of TBX15 as an adipose master trans regulator of abdominal obesity genes. <i>Genome Medicine</i> , 2021 , 13, 123	14.4	2
19	Comparison of Communication Channels for Large-Scale Type 2 Diabetes Risk Screening and Intervention Recruitment: Empirical Study. <i>JMIR Diabetes</i> , 2021 , 6, e21356	2.7	2
18	Genetic variants in the MTHFR are not associated with fatty liver disease. <i>Liver International</i> , 2020 , 40, 1934-1940	7.9	1
17	Chapter 12 Regulation of PGC-1 in humans with insulin resistance and type 2 diabetes: Functional implications. <i>Advances in Molecular and Cellular Endocrinology</i> , 2006 , 5, 233-253		1
16	PSD3 downregulation confers protection against fatty liver disease.. <i>Nature Metabolism</i> , 2022 , 4, 60-75	14.6	1
15	Digitalization as an Engine for Change? Building a Vision Pathway towards a Sustainable Health Care System by Using the MLP and Health Economic Decision Modelling. <i>Sustainability</i> , 2021 , 13, 13007	3.6	1
14	Protein Phosphatase 1 Regulatory Subunit 3B Genotype at rs4240624 Has a Major Effect on Gallbladder Bile Composition. <i>Hepatology Communications</i> , 2021 , 5, 244-257	6	1
13	Oxygen-18 and Carbon-13 isotopes in eCOand erythrocytes carbonic anhydrase activity of Finnish prediabetic population. <i>Journal of Breath Research</i> , 2020 ,	3.1	1
12	Differential Mitochondrial Gene Expression in Adipose Tissue Following Weight Loss Induced by Diet or Bariatric Surgery. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, 1312-1324	5.6	1
11	Digitally Supported Lifestyle Intervention to Prevent Type 2 Diabetes Through Healthy Habits: Secondary Analysis of Long-Term User Engagement Trajectories in a Randomized Controlled Trial.. <i>Journal of Medical Internet Research</i> , 2022 , 24, e31530	7.6	1
10	Effect of metabolic state on implicit and explicit responses to food in young healthy females. <i>Appetite</i> , 2020 , 148, 104593	4.5	0
9	Immigrants Perspectives on healthy life and healthy lifestyle counseling: a focus group study.. <i>Scandinavian Journal of Public Health</i> , 2022 , 14034948221075021	3	0
8	Endothelial function and concentrations of high-sensitivity C-reactive protein, interleukin-6, and tumor necrosis factor-alpha during a long agonist IVF protocol. <i>Journal of Reproductive Immunology</i> , 2021 , 148, 103434	4.2	0

7	FADS1 rs174550 genotype and high linoleic acid diet modify plasma PUFA phospholipids in a dietary intervention study. <i>European Journal of Nutrition</i> , 2021 , 1	5.2	o
6	Sleep-time physiological recovery is associated with eating habits in distressed working-age Finns with overweight: secondary analysis of a randomised controlled trial. <i>Journal of Occupational Medicine and Toxicology</i> , 2021 , 16, 23	2.7	o
5	Reply to "Statin treatment for non-alcoholic steatohepatitis". <i>Journal of Hepatology</i> , 2016 , 64, 242-3	13.4	
4	The Importance of Intestinal Length in Triglyceride Metabolism and in Predicting the Outcomes of Comorbidities in Laparoscopic Roux-en-Y Gastric Bypass-a Narrative Review. <i>Obesity Surgery</i> , 2021 , 31, 3291-3295	3.7	
3	Fatal complications after an interrupted gastric bypass operation in a patient with non-alcoholic fatty liver disease and massive obesity: a case report. <i>Journal of Surgical Case Reports</i> , 2021 , 2021, rjab247	0.6	
2	Robotic versus hybrid assisted ventral hernia repair: a prospective one-year comparative study of clinical outcomes.. <i>Acta Chirurgica Belgica</i> , 2022 , 1-20	0.9	
1	Robotic versus hybrid assisted ventral hernia repair: a prospective one-year comparative study of clinical outcomes. <i>Acta Chirurgica Belgica</i> , 1-7	0.9	