

Norbert Stefan

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3442524/norbert-stefan-publications-by-year.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

254
papers

16,608
citations

70
h-index

122
g-index

273
ext. papers

19,597
ext. citations

7.8
avg, IF

7.06
L-index

#	Paper	IF	Citations
254	Fetuin-A and risk of diabetes-related vascular complications: a prospective study.. <i>Cardiovascular Diabetology</i> , 2022 , 21, 6	8.7	1
253	A global view of the interplay between non-alcoholic fatty liver disease and diabetes.. <i>Lancet Diabetes and Endocrinology</i> , 2022 ,	18.1	18
252	Metabolic disorders, COVID-19 and vaccine-breakthrough infections. <i>Nature Reviews Endocrinology</i> , 2021 ,	15.2	10
251	Reproducibility and discrimination of different indices of insulin sensitivity and insulin secretion. <i>PLoS ONE</i> , 2021 , 16, e0258476	3.7	0
250	Elevated circulating follistatin associates with an increased risk of type 2 diabetes. <i>Nature Communications</i> , 2021 , 12, 6486	17.4	2
249	Diabetes und Fettleber. <i>Diabetes Aktuell</i> , 2021 , 19, 318-322	0	
248	Diabetes und Fettleber. <i>Diabetologie Und Stoffwechsel</i> , 2021 , 16, S308-S311	0.7	
247	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
246	Diabetes und Fettleber. <i>Diabetologe</i> , 2021 , 17, 307-310	0.2	
245	The hepatokine fetuin-A disrupts functional maturation of pancreatic beta cells. <i>Diabetologia</i> , 2021 , 64, 1358-1374	10.3	3
244	Low-Density Lipoprotein Cholesterol Is Associated With Insulin Secretion. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, 1576-1584	5.6	2
243	Diabetes und nicht-alkoholische Fettleber-Erkrankungen. <i>Diabetes Aktuell</i> , 2021 , 19, 67-70	0	
242	Liver-targeting drugs and their effect on blood glucose and hepatic lipids. <i>Diabetologia</i> , 2021 , 64, 1461-1479	14.9	8
241	Hemostatic alterations linked to body fat distribution, fatty liver, and insulin resistance. <i>Molecular Metabolism</i> , 2021 , 53, 101262	8.8	5
240	An Empirically Derived Definition of Metabolically Healthy Obesity Based on Risk of Cardiovascular and Total Mortality. <i>JAMA Network Open</i> , 2021 , 4, e218505	10.4	15
239	Determinants of hepatic insulin clearance - Results from a Mendelian Randomization study. <i>Metabolism: Clinical and Experimental</i> , 2021 , 119, 154776	12.7	1
238	Elevated Circulating Glutamate Is Associated With Subclinical Atherosclerosis Independently of Established Risk Markers: A Cross-Sectional Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, e982-e989	5.6	2

237	Pathophysiology-based subphenotyping of individuals at elevated risk for type 2 diabetes. <i>Nature Medicine</i> , 2021 , 27, 49-57	50.5	68
236	Lifestyle Intervention Improves Prothrombotic Coagulation Profile in Individuals at High Risk for Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, e3198-e3207	5.6	5
235	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
234	Detection and Characterization of Phosphorylation, Glycosylation, and Fatty Acid Bound to Fetuin A in Human Blood. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	1
233	Global pandemics interconnected - obesity, impaired metabolic health and COVID-19. <i>Nature Reviews Endocrinology</i> , 2021 , 17, 135-149	15.2	140
232	Causes, consequences, and treatment of metabolically unhealthy fat distribution. <i>Lancet Diabetes and Endocrinology</i> , 2020 , 8, 616-627	18.1	145
231	Obesity and impaired metabolic health in patients with COVID-19. <i>Nature Reviews Endocrinology</i> , 2020 , 16, 341-342	15.2	303
230	Metabolically Healthy and Unhealthy Normal Weight and Obesity. <i>Endocrinology and Metabolism</i> , 2020 , 35, 487-493	3.5	4
229	Reduced insulin clearance is linked to subclinical atherosclerosis in individuals at risk for type 2 diabetes mellitus. <i>Scientific Reports</i> , 2020 , 10, 22453	4.9	3
228	Diabetes und Fettleber. <i>Diabetologie Und Stoffwechsel</i> , 2020 , 15, S156-S159	0.7	1
227	AMPK Subunits Harbor Largely Nonoverlapping Genetic Determinants for Body Fat Mass, Glucose Metabolism, and Cholesterol Metabolism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	5
226	Diabetes und Fettleber. <i>Diabetologe</i> , 2020 , 16, 36-39	0.2	1
225	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
224	Lipodystrophic Nonalcoholic Fatty Liver Disease Induced by Immune Checkpoint Blockade. <i>Annals of Internal Medicine</i> , 2020 , 172, 836-837	8	25
223	Fettleber und Diabetes: Pathomechanismen. <i>Diabetologe</i> , 2020 , 16, 560-565	0.2	
222	Determinants of activity of brown adipose tissue in lymphoma patients. <i>Scientific Reports</i> , 2020 , 10, 218029	0.29	0
221	Metabolomic Characteristics of Fatty Pancreas. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2020 , 128, 804-810	2.3	7
220	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

219	Adipositas und Diabetes mellitus. <i>Diabetologe</i> , 2019 , 15, 573-579	0.2	
218	Associations of short stature and components of height with incidence of type 2 diabetes: mediating effects of cardiometabolic risk factors. <i>Diabetologia</i> , 2019 , 62, 2211-2221	10.3	25
217	Sex-Specific Associations of Testosterone With Metabolic Traits. <i>Frontiers in Endocrinology</i> , 2019 , 10, 90	5.7	6
216	The Gly385(388)Arg Polymorphism of the FGFR4 Receptor Regulates Hepatic Lipogenesis Under Healthy Diet. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 2041-2053	5.6	4
215	Effect of SGLT2 inhibitors on body composition, fluid status and renin-angiotensin-aldosterone system in type 2 diabetes: a prospective study using bioimpedance spectroscopy. <i>Cardiovascular Diabetology</i> , 2019 , 18, 46	8.7	86
214	Potential effects of reduced red meat compared with increased fiber intake on glucose metabolism and liver fat content: a randomized and controlled dietary intervention study. <i>American Journal of Clinical Nutrition</i> , 2019 , 109, 288-296	7	7
213	Dietary Niacin Intake Predicts the Decrease of Liver Fat Content During a Lifestyle Intervention. <i>Scientific Reports</i> , 2019 , 9, 1303	4.9	7
212	Visceral Adiposity Index as an Independent Marker of Subclinical Atherosclerosis in Individuals Prone to Diabetes Mellitus. <i>Journal of Atherosclerosis and Thrombosis</i> , 2019 , 26, 821-834	4	19
211	Trends in Obesity Among Low-Income Young Children. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 322, 1713-1714	27.4	
210	A Polygenic Risk Score of Lipolysis-Increasing Alleles Determines Visceral Fat Mass and Proinsulin Conversion. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 1090-1098	5.6	5
209	Impact of diverse chemotherapeutic agents and external factors on activation of brown adipose tissue in a large patient collective. <i>Scientific Reports</i> , 2019 , 9, 1901	4.9	4
208	Diabetes and Fatty Liver. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2019 , 127, S93-S96	2.3	3
207	Non-alcoholic fatty liver disease: causes, diagnosis, cardiometabolic consequences, and treatment strategies. <i>Lancet Diabetes and Endocrinology</i> , 2019 , 7, 313-324	18.1	322
206	Genome-Wide and Abdominal MRI Data Provide Evidence That a Genetically Determined Favorable Adiposity Phenotype Is Characterized by Lower Ectopic Liver Fat and Lower Risk of Type 2 Diabetes, Heart Disease, and Hypertension. <i>Diabetes</i> , 2019 , 68, 207-219	0.9	46
205	Periaortic Adipose Tissue Compared With Peribrachial Adipose Tissue Mass as Markers and Possible Modulators of Cardiometabolic Risk. <i>Angiology</i> , 2018 , 69, 854-860	2.1	7
204	Effects of resveratrol supplementation on liver fat content in overweight and insulin-resistant subjects: A randomized, double-blind, placebo-controlled clinical trial. <i>Diabetes, Obesity and Metabolism</i> , 2018 , 20, 1793-1797	6.7	48
203	Circulating Fetuin-A and Risk of Type 2 Diabetes: A Mendelian Randomization Analysis. <i>Diabetes</i> , 2018 , 67, 1200-1205	0.9	13
202	Metabolically healthy obesity: the low-hanging fruit in obesity treatment?. <i>Lancet Diabetes and Endocrinology</i> , 2018 , 6, 249-258	18.1	152

201	Correlation of Brown Adipose Tissue with Other Body Fat Compartments and Patient Characteristics: A Retrospective Analysis in a Large Patient Cohort Using PET/CT. <i>Academic Radiology</i> , 2018 , 25, 102-110	4.3	41
200	Serine/threonine protein kinase 25 antisense oligonucleotide treatment reverses glucose intolerance, insulin resistance, and nonalcoholic fatty liver disease in mice. <i>Hepatology Communications</i> , 2018 , 2, 69-83	6	23
199	The hepatokines fetuin-A and fetuin-B are upregulated in the state of hepatic steatosis and may differently impact on glucose homeostasis in humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018 , 314, E266-E273	6	32
198	Genetic variation in TCF7L2 rs7903146 and history of GDM negatively and independently impact on diabetes-associated metabolic traits. <i>Diabetes Research and Clinical Practice</i> , 2018 , 146, 251-257	7.4	4
197	Diabetes und Fettleber. <i>Diabetologie Und Stoffwechsel</i> , 2018 , 13, S205-S208	0.7	1
196	Single Nucleotide Polymorphisms in the G-Protein Coupled Receptor Kinase 5 (GRK5) Gene are associated with Plasma LDL-Cholesterol Levels in Humans. <i>Scientific Reports</i> , 2018 , 8, 7745	4.9	1
195	Transition from metabolic healthy to unhealthy phenotypes and association with cardiovascular disease risk across BMI categories in 90 257 women (the NursesPHHealth Study): 30 year follow-up from a prospective cohort study. <i>Lancet Diabetes and Endocrinology</i> , 2018 , 6, 714-724	18.1	153
194	An extended fatty liver index to predict non-alcoholic fatty liver disease. <i>Diabetes and Metabolism</i> , 2017 , 43, 229-239	5.4	18
193	Hypothalamic and Striatal Insulin Action Suppresses Endogenous Glucose Production and May Stimulate Glucose Uptake During Hyperinsulinemia in Lean but Not in Overweight Men. <i>Diabetes</i> , 2017 , 66, 1797-1806	0.9	60
192	Genetic determination of body fat distribution and the attributive influence on metabolism. <i>Obesity</i> , 2017 , 25, 1277-1283	8	8
191	Intra- and interindividual variability of fatty acid unsaturation in six different human adipose tissue compartments assessed by H-MRS in vivo at 3T. <i>NMR in Biomedicine</i> , 2017 , 30, e3744	4.4	26
190	Genetic Predisposition to Abdominal Adiposity and Cardiometabolic Risk. <i>JAMA - Journal of the American Medical Association</i> , 2017 , 317, 2334	27.4	1
189	Nonsuppressed Glucagon After Glucose Challenge as a Potential Predictor for Glucose Tolerance. <i>Diabetes</i> , 2017 , 66, 1373-1379	0.9	17
188	Common variation in the sodium/glucose cotransporter 2 gene SLC5A2 does neither affect fasting nor glucose-suppressed plasma glucagon concentrations. <i>PLoS ONE</i> , 2017 , 12, e0177148	3.7	7
187	DPP4 gene variation affects GLP-1 secretion, insulin secretion, and glucose tolerance in humans with high body adiposity. <i>PLoS ONE</i> , 2017 , 12, e0181880	3.7	9
186	Non-alcoholic fatty liver disease and impaired proinsulin conversion as newly identified predictors of the long-term non-response to a lifestyle intervention for diabetes prevention: results from the TULIP study. <i>Diabetologia</i> , 2017 , 60, 2341-2351	10.3	18
185	Causes, Characteristics, and Consequences of Metabolically Unhealthy Normal Weight in Humans. <i>Cell Metabolism</i> , 2017 , 26, 292-300	24.6	237
184	Metabolic crosstalk between fatty pancreas and fatty liver: effects on local inflammation and insulin secretion. <i>Diabetologia</i> , 2017 , 60, 2240-2251	10.3	58

183	Elevated hepatic DPP4 activity promotes insulin resistance and non-alcoholic fatty liver disease. <i>Molecular Metabolism</i> , 2017 , 6, 1254-1263	8.8	70
182	Typ-2-Diabetes: bariatrische Chirurgie effektiver als medikamentöse Therapie. <i>Diabetologie Und Stoffwechsel</i> , 2017 , 12, 182-183	0.7	
181	Obesity and renal disease: not all fat is created equal and not all obesity is harmful to the kidneys. <i>Nephrology Dialysis Transplantation</i> , 2016 , 31, 726-30	4.3	27
180	Genome-Wide Association Study of the Modified Stumvoll Insulin Sensitivity Index Identifies BCL2 and FAM19A2 as Novel Insulin Sensitivity Loci. <i>Diabetes</i> , 2016 , 65, 3200-11	0.9	47
179	The impact of insulin resistance on the kidney and vasculature. <i>Nature Reviews Nephrology</i> , 2016 , 12, 721-737	14.9	151
178	Relationship of Serum Trimethylamine N-Oxide (TMAO) Levels with early Atherosclerosis in Humans. <i>Scientific Reports</i> , 2016 , 6, 26745	4.9	174
177	A novel insulin sensitivity index particularly suitable to measure insulin sensitivity during gestation. <i>Acta Diabetologica</i> , 2016 , 53, 1037-1044	3.9	18
176	Granulocyte colony-stimulating factor (G-CSF): A saturated fatty acid-induced myokine with insulin-desensitizing properties in humans. <i>Molecular Metabolism</i> , 2016 , 5, 305-316	8.8	11
175	Phenotypes of prediabetes and stratification of cardiometabolic risk. <i>Lancet Diabetes and Endocrinology</i> , 2016 , 4, 789-798	18.1	115
174	Divergent associations of height with cardiometabolic disease and cancer: epidemiology, pathophysiology, and global implications. <i>Lancet Diabetes and Endocrinology</i> , 2016 , 4, 457-67	18.1	67
173	Metabolically healthy obesity and cardiovascular events: A systematic review and meta-analysis. <i>European Journal of Preventive Cardiology</i> , 2016 , 23, 956-66	3.9	181
172	Glucose-Raising Polymorphisms in the Human Clock Gene Cryptochrome 2 (CRY2) Affect Hepatic Lipid Content. <i>PLoS ONE</i> , 2016 , 11, e0145563	3.7	18
171	TGF- β contributes to impaired exercise response by suppression of mitochondrial key regulators in skeletal muscle. <i>Diabetes</i> , 2016 , 65, 2849-61	0.9	36
170	FTO genotype interacts with improvement in aerobic fitness on body weight loss during lifestyle intervention. <i>Obesity Facts</i> , 2016 , 9, 174-81	5.1	4
169	Genetic variation in the 11 β -hydroxysteroid-dehydrogenase 1 gene determines NAFLD and visceral obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 4743-4751	5.6	12
168	Characterization of metabolically unhealthy normal-weight individuals: Risk factors and their associations with type 2 diabetes. <i>Metabolism: Clinical and Experimental</i> , 2015 , 64, 862-71	12.7	58
167	Fibroblast growth factor 21 is elevated in metabolically unhealthy obesity and affects lipid deposition, adipogenesis, and adipokine secretion of human abdominal subcutaneous adipocytes. <i>Molecular Metabolism</i> , 2015 , 4, 519-27	8.8	53
166	Solutions for low and high accuracy mass spectrometric data matching: a data-driven annotation strategy in nontargeted metabolomics. <i>Analytical Chemistry</i> , 2015 , 87, 8917-24	7.8	31

165	A high-risk phenotype associates with reduced improvement in glycaemia during a lifestyle intervention in prediabetes. <i>Diabetologia</i> , 2015 , 58, 2877-84	10.3	35
164	Associations of Erythrocyte Fatty Acids in the De Novo Lipogenesis Pathway with Proxies of Liver Fat Accumulation in the EPIC-Potsdam Study. <i>PLoS ONE</i> , 2015 , 10, e0127368	3.7	18
163	Variation in the Phosphoinositide 3-Kinase Gamma Gene Affects Plasma HDL-Cholesterol without Modification of Metabolic or Inflammatory Markers. <i>PLoS ONE</i> , 2015 , 10, e0144494	3.7	14
162	Association between the Fatty Liver Index and Risk of Type 2 Diabetes in the EPIC-Potsdam Study. <i>PLoS ONE</i> , 2015 , 10, e0124749	3.7	38
161	Untangling the interplay of genetic and metabolic influences on beta-cell function: Examples of potential therapeutic implications involving TCF7L2 and FFAR1. <i>Molecular Metabolism</i> , 2014 , 3, 261-7	8.8	17
160	PNPLA3 variant I148M is associated with altered hepatic lipid composition in humans. <i>Diabetologia</i> , 2014 , 57, 2103-7	10.3	34
159	Fetuin-A influences vascular cell growth and production of proinflammatory and angiogenic proteins by human perivascular fat cells. <i>Diabetologia</i> , 2014 , 57, 1057-66	10.3	38
158	Peroxisome proliferator-activated receptor gamma (PPARG) modulates free fatty acid receptor 1 (FFAR1) dependent insulin secretion in humans. <i>Molecular Metabolism</i> , 2014 , 3, 676-80	8.8	10
157	Inhibition of 11βHSD1 with RO5093151 for non-alcoholic fatty liver disease: a multicentre, randomised, double-blind, placebo-controlled trial. <i>Lancet Diabetes and Endocrinology</i> , 2014 , 2, 406-16	18.1	82
156	Comment on Hedderson et al. Prepregnancy SHBG concentrations and risk for subsequently developing gestational diabetes mellitus. <i>Diabetes Care</i> 2014;37:1296-1303. <i>Diabetes Care</i> , 2014 , 37, e278-9	14.6	1
155	Central insulin administration improves whole-body insulin sensitivity via hypothalamus and parasympathetic outputs in men. <i>Diabetes</i> , 2014 , 63, 4083-8	0.9	117
154	Relationships of body composition and liver fat content with insulin resistance in obesity-matched adolescents and adults. <i>Obesity</i> , 2014 , 22, 1325-31	8	30
153	Mechanisms explaining the relationship between metabolically healthy obesity and cardiovascular risk. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 2748-9	15.1	8
152	Age-dependent association of serum prolactin with glycaemia and insulin sensitivity in humans. <i>Acta Diabetologica</i> , 2014 , 51, 71-8	3.9	27
151	Impact of the adipokine adiponectin and the hepatokine fetuin-A on the development of type 2 diabetes: prospective cohort- and cross-sectional phenotyping studies. <i>PLoS ONE</i> , 2014 , 9, e92238	3.7	53
150	Metabolic signatures of cultured human adipocytes from metabolically healthy versus unhealthy obese individuals. <i>PLoS ONE</i> , 2014 , 9, e93148	3.7	40
149	Circulating lysophosphatidylcholines are markers of a metabolically benign nonalcoholic fatty liver. <i>Diabetes Care</i> , 2013 , 36, 2331-8	14.6	77
148	Measures of adiposity and fat distribution and risk of diabetes. <i>JAMA - Journal of the American Medical Association</i> , 2013 , 309, 339-40	27.4	2

147	Metabolically healthy obesity: epidemiology, mechanisms, and clinical implications. <i>Lancet Diabetes and Endocrinology</i> , 2013 , 1, 152-62	18.1	409
146	The genetic influence on body fat distribution. <i>Drug Discovery Today Disease Mechanisms</i> , 2013 , 10, e5-e13		7
145	Tipping the inflammatory balance: inflammasome activation distinguishes metabolically unhealthy from healthy obesity. <i>Diabetologia</i> , 2013 , 56, 2343-6	10.3	12
144	Family history of diabetes is associated with higher risk for prediabetes: a multicentre analysis from the German Center for Diabetes Research. <i>Diabetologia</i> , 2013 , 56, 2176-80	10.3	43
143	Identification of serum metabolites associated with risk of type 2 diabetes using a targeted metabolomic approach. <i>Diabetes</i> , 2013 , 62, 639-48	0.9	634
142	Nor-1, a novel incretin-responsive regulator of insulin genes and insulin secretion. <i>Molecular Metabolism</i> , 2013 , 2, 243-55	8.8	17
141	The role of hepatokines in metabolism. <i>Nature Reviews Endocrinology</i> , 2013 , 9, 144-52	15.2	326
140	The cancer-associated FGFR4-G388R polymorphism enhances pancreatic insulin secretion and modifies the risk of diabetes. <i>Cell Metabolism</i> , 2013 , 17, 929-940	24.6	22
139	Circulating fetuin-A and free fatty acids interact to predict insulin resistance in humans. <i>Nature Medicine</i> , 2013 , 19, 394-5	50.5	113
138	Fraction of unsaturated fatty acids in visceral adipose tissue (VAT) is lower in subjects with high total VAT volume - a combined 1 H MRS and volumetric MRI study in male subjects. <i>NMR in Biomedicine</i> , 2013 , 26, 232-6	4.4	26
137	Genetic variation in NR1H4 encoding the bile acid receptor FXR determines fasting glucose and free fatty acid levels in humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, E1224-9	5.6	20
136	Common genetic variation in the human FNDC5 locus, encoding the novel muscle-derived browning factor irisin, determines insulin sensitivity. <i>PLoS ONE</i> , 2013 , 8, e61903	3.7	71
135	High cerebral insulin sensitivity is associated with loss of body fat during lifestyle intervention. <i>Diabetologia</i> , 2012 , 55, 175-82	10.3	48
134	High hepatic SCD1 activity is associated with low liver fat content in healthy subjects under a lipogenic diet. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, E2288-92	5.6	53
133	Common genetic variation in the SERPINF1 locus determines overall adiposity, obesity-related insulin resistance, and circulating leptin levels. <i>PLoS ONE</i> , 2012 , 7, e34035	3.7	23
132	Allele summation of diabetes risk genes predicts impaired glucose tolerance in female and obese individuals. <i>PLoS ONE</i> , 2012 , 7, e38224	3.7	17
131	Body adiposity index, body fat content and incidence of type 2 diabetes. <i>Diabetologia</i> , 2012 , 55, 1660-7	10.3	65
130	Cholesterol synthesis is associated with hepatic lipid content and dependent on fructose/glucose intake in healthy humans. <i>Experimental Diabetes Research</i> , 2012 , 2012, 361863		19

129	Visceral obesity modulates the impact of apolipoprotein C3 gene variants on liver fat content. <i>International Journal of Obesity</i> , 2012 , 36, 774-82	5.5	28
128	Association of common genetic variants in the MAP4K4 locus with prediabetic traits in humans. <i>PLoS ONE</i> , 2012 , 7, e47647	3.7	24
127	Heterogeneity of the Stearoyl-CoA desaturase-1 (SCD1) gene and metabolic risk factors in the EPIC-Potsdam study. <i>PLoS ONE</i> , 2012 , 7, e48338	3.7	9
126	Cardiovascular disease in patients with non-alcoholic fatty liver disease. <i>Annals of Gastroenterology</i> , 2012 , 25, 276-277	2.2	6
125	The body adiposity index and the sexual dimorphism in body fat. <i>Obesity</i> , 2011 , 19, 1729	8	18
124	Global trends in body-mass index. <i>Lancet, The</i> , 2011 , 377, 1917; author reply 1917-8	4.0	8
123	Magnetic resonance techniques for mapping fat deposits and directing therapy. <i>Clinical Lipidology</i> , 2011 , 6, 93-107		1
122	In vitro responsiveness of human muscle cell peroxisome proliferator-activated receptor α reflects donors' insulin sensitivity in vivo. <i>European Journal of Clinical Investigation</i> , 2011 , 41, 1323-9	4.6	5
121	Variants in the CD36 gene locus determine whole-body adiposity, but have no independent effect on insulin sensitivity. <i>Obesity</i> , 2011 , 19, 1004-9	8	20
120	Genetic variation within the TRPM5 locus associates with prediabetic phenotypes in subjects at increased risk for type 2 diabetes. <i>Metabolism: Clinical and Experimental</i> , 2011 , 60, 1325-33	12.7	33
119	Genetic variation within the NR1H2 gene encoding liver X receptor α associates with insulin secretion in subjects at increased risk for type 2 diabetes. <i>Journal of Molecular Medicine</i> , 2011 , 89, 75-81	5.5	20
118	Dissociation between fatty liver and insulin resistance: the role of adipose triacylglycerol lipase. <i>Diabetologia</i> , 2011 , 54, 7-9	10.3	16
117	Effects of a lifestyle intervention in metabolically benign and malignant obesity. <i>Diabetologia</i> , 2011 , 54, 864-8	10.3	101
116	Hepatic glucokinase expression is associated with lipogenesis and fatty liver in humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, E1126-30	5.6	67
115	The metabolically benign and malignant fatty liver. <i>Diabetes</i> , 2011 , 60, 2011-7	0.9	139
114	Cardiorespiratory fitness determines the reduction in blood pressure and insulin resistance during lifestyle intervention. <i>Journal of Hypertension</i> , 2011 , 29, 1220-7	1.9	20
113	Insulin sensitivity and liver fat: role of iron load. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, E958-61	5.6	32
112	Effects of 4-week very-high-fructose/glucose diets on insulin sensitivity, visceral fat and intrahepatic lipids: an exploratory trial. <i>British Journal of Nutrition</i> , 2011 , 106, 79-86	3.6	132

111	Relationships between hepatic stearyl-CoA desaturase-1 activity and mRNA expression with liver fat content in humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011 , 300, E321-6	6	26
110	Glucose-raising genetic variants in MADD and ADCY5 impair conversion of proinsulin to insulin. <i>PLoS ONE</i> , 2011 , 6, e23639	3.7	32
109	Wrapper- and Ensemble-Based Feature Subset Selection Methods for Biomarker Discovery in Targeted Metabolomics. <i>Lecture Notes in Computer Science</i> , 2011 , 121-132	0.9	3
108	Novel obesity risk loci do not determine distribution of body fat depots: a whole-body MRI/MRS study. <i>Obesity</i> , 2010 , 18, 1212-7	8	28
107	Evaluation of fasting state-/oral glucose tolerance test-derived measures of insulin release for the detection of genetically impaired β cell function. <i>PLoS ONE</i> , 2010 , 5, e14194	3.7	52
106	Circulating palmitoleate strongly and independently predicts insulin sensitivity in humans. <i>Diabetes Care</i> , 2010 , 33, 405-7	14.6	111
105	Relationships of circulating sex hormone-binding globulin with metabolic traits in humans. <i>Diabetes</i> , 2010 , 59, 3167-73	0.9	107
104	Letter by Stefan et al regarding article, "Impact of body mass index and the metabolic syndrome on the risk of cardiovascular disease and death in middle-aged men". <i>Circulation</i> , 2010 , 122, e456; author reply e457	16.7	5
103	Glycemia determines the effect of type 2 diabetes risk genes on insulin secretion. <i>Diabetes</i> , 2010 , 59, 3247-52	0.9	38
102	Environmental and genetic determinants of fatty liver in humans. <i>Digestive Diseases</i> , 2010 , 28, 169-78	3.2	29
101	Interscapular fat is strongly associated with insulin resistance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 4736-42	5.6	14
100	Follow-up whole-body assessment of adipose tissue compartments during a lifestyle intervention in a large cohort at increased risk for type 2 diabetes. <i>Radiology</i> , 2010 , 257, 353-63	20.5	90
99	The impact of genetic variation in the G6PC2 gene on insulin secretion depends on glycemia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, E479-84	5.6	22
98	Gene variants of TCF7L2 influence weight loss and body composition during lifestyle intervention in a population at risk for type 2 diabetes. <i>Diabetes</i> , 2010 , 59, 747-50	0.9	58
97	Impact of age on the relationships of brown adipose tissue with sex and adiposity in humans. <i>Diabetes</i> , 2010 , 59, 1789-93	0.9	285
96	Quantitative analysis of adipose tissue in single transverse slices for estimation of volumes of relevant fat tissue compartments: a study in a large cohort of subjects at risk for type 2 diabetes by MRI with comparison to anthropometric data. <i>Investigative Radiology</i> , 2010 , 45, 788-94	10.1	47
95	The impact of liver fat vs visceral fat in determining categories of prediabetes. <i>Diabetologia</i> , 2010 , 53, 882-9	10.3	109
94	Pancreatic fat is negatively associated with insulin secretion in individuals with impaired fasting glucose and/or impaired glucose tolerance: a nuclear magnetic resonance study. <i>Diabetes/Metabolism Research and Reviews</i> , 2010 , 26, 200-5	7.5	174

93	No association between variation in the NR4A1 gene locus and metabolic traits in white subjects at increased risk for type 2 diabetes. <i>BMC Medical Genetics</i> , 2010 , 11, 84	2.1	6
92	Association of obesity risk SNPs in PCSK1 with insulin sensitivity and proinsulin conversion. <i>BMC Medical Genetics</i> , 2010 , 11, 86	2.1	43
91	The D299G/T399I Toll-like receptor 4 variant associates with body and liver fat: results from the TULIP and METSIM Studies. <i>PLoS ONE</i> , 2010 , 5, e13980	3.7	21
90	High baseline vitamin C levels do not prevent a positive outcome of a lifestyle intervention. <i>Diabetes Care</i> , 2009 , 32, e112	14.6	5
89	Muscle-derived angiopoietin-like protein 4 is induced by fatty acids via peroxisome proliferator-activated receptor (PPAR)-delta and is of metabolic relevance in humans. <i>Diabetes</i> , 2009 , 58, 579-89	0.9	145
88	Dissociation between fatty liver and insulin resistance in humans carrying a variant of the patatin-like phospholipase 3 gene. <i>Diabetes</i> , 2009 , 58, 2616-23	0.9	261
87	Association of AHSG gene polymorphisms with fetuin-A plasma levels and cardiovascular diseases in the EPIC-Potsdam study. <i>Circulation: Cardiovascular Genetics</i> , 2009 , 2, 607-13		71
86	Association of type 2 diabetes candidate polymorphisms in KCNQ1 with incretin and insulin secretion. <i>Diabetes</i> , 2009 , 58, 1715-20	0.9	89
85	Hepatic lipid composition and stearoyl-coenzyme A desaturase 1 mRNA expression can be estimated from plasma VLDL fatty acid ratios. <i>Clinical Chemistry</i> , 2009 , 55, 2113-20	5.5	101
84	Individual stearoyl-coa desaturase 1 expression modulates endoplasmic reticulum stress and inflammation in human myotubes and is associated with skeletal muscle lipid storage and insulin sensitivity in vivo. <i>Diabetes</i> , 2009 , 58, 1757-65	0.9	122
83	Role of ectopic fat in the pathogenesis of insulin resistance. <i>Clinical Lipidology</i> , 2009 , 4, 457-464		4
82	The insulin effect on cerebrocortical theta activity is associated with serum concentrations of saturated nonesterified Fatty acids. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 4600-7	5.6	37
81	Sex hormone-binding globulin and risk of type 2 diabetes. <i>New England Journal of Medicine</i> , 2009 , 361, 2675-6; author reply 2677-8	59.2	45
80	The inhibitory effect of recent type 2 diabetes risk loci on insulin secretion is modulated by insulin sensitivity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 1775-80	5.6	18
79	RARRES2, encoding the novel adipokine chemerin, is a genetic determinant of disproportionate regional body fat distribution: a comparative magnetic resonance imaging study. <i>Metabolism: Clinical and Experimental</i> , 2009 , 58, 519-24	12.7	46
78	Preliminary report: genetic variation within the GPBAR1 gene is not associated with metabolic traits in white subjects at an increased risk for type 2 diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , 2009 , 58, 1809-11	12.7	13
77	Psychological effects of prevention: do participants of a type 2 diabetes prevention program experience increased mental distress?. <i>Diabetes/Metabolism Research and Reviews</i> , 2009 , 25, 83-8	7.5	10
76	Intermuscular adipose tissue (IMAT): association with other adipose tissue compartments and insulin sensitivity. <i>Journal of Magnetic Resonance Imaging</i> , 2009 , 29, 1340-5	5.6	134

75	Common polymorphisms within the NR4A3 locus, encoding the orphan nuclear receptor Nor-1, are associated with enhanced beta-cell function in non-diabetic subjects. <i>BMC Medical Genetics</i> , 2009 , 10, 77	2.1	20
74	Adiponectin oligomers and ectopic fat in liver and skeletal muscle in humans. <i>Obesity</i> , 2009 , 17, 390-2	8	16
73	Non-invasive assessment and quantification of liver steatosis by ultrasound, computed tomography and magnetic resonance. <i>Journal of Hepatology</i> , 2009 , 51, 433-45	13.4	556
72	Association of common genetic variation in the FOXO1 gene with beta-cell dysfunction, impaired glucose tolerance, and type 2 diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 1353-60	5.6	29
71	High plasma fetuin-A is associated with increased carotid intima-media thickness in a middle-aged population. <i>Atherosclerosis</i> , 2009 , 207, 341-2	3.1	52
70	Identification and Characterization of Metabolically Benign Obesity in Humans. <i>Obstetrical and Gynecological Survey</i> , 2009 , 64, 30-31	2.4	7
69	The DGAT2 gene is a candidate for the dissociation between fatty liver and insulin resistance in humans. <i>Clinical Science</i> , 2009 , 116, 531-7	6.5	62
68	Variant near ADAMTS9 known to associate with type 2 diabetes is related to insulin resistance in offspring of type 2 diabetes patients--EUGENE2 study. <i>PLoS ONE</i> , 2009 , 4, e7236	3.7	43
67	The importance of brown adipose tissue. <i>New England Journal of Medicine</i> , 2009 , 361, 416-7; author reply 418-21	59.2	16
66	Impact of variation in the FTO gene on whole body fat distribution, ectopic fat, and weight loss. <i>Obesity</i> , 2008 , 16, 1969-72	8	91
65	Genetic variation within the ANGPTL4 gene is not associated with metabolic traits in white subjects at an increased risk for type 2 diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , 2008 , 57, 637-43	12.7	20
64	Fetuin-A induces cytokine expression and suppresses adiponectin production. <i>PLoS ONE</i> , 2008 , 3, e17653	3.7	199
63	Plasma fetuin-a levels and the risk of myocardial infarction and ischemic stroke. <i>Circulation</i> , 2008 , 118, 2555-62	16.7	245
62	(1)H MR spectroscopy of skeletal muscle, liver and bone marrow. <i>European Journal of Radiology</i> , 2008 , 67, 275-284	4.7	87
61	The CCR2 promoter polymorphism T-960A, but not the serum MCP-1 level, is associated with endothelial function in prediabetic individuals. <i>Atherosclerosis</i> , 2008 , 198, 338-46	3.1	7
60	Variations in PPARD determine the change in body composition during lifestyle intervention: a whole-body magnetic resonance study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, 1497-500	5.6	61
59	Identification and characterization of metabolically benign obesity in humans. <i>Archives of Internal Medicine</i> , 2008 , 168, 1609-16		736
58	A candidate type 2 diabetes polymorphism near the HHEX locus affects acute glucose-stimulated insulin release in European populations: results from the EUGENE2 study. <i>Diabetes</i> , 2008 , 57, 514-7	0.9	47

57	Fatty liver is independently associated with alterations in circulating HDL2 and HDL3 subfractions. <i>Diabetes Care</i> , 2008 , 31, 366-8	14.6	49
56	Causes and metabolic consequences of Fatty liver. <i>Endocrine Reviews</i> , 2008 , 29, 939-60	27.2	394
55	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
54	Plasma fetuin-A levels and the risk of type 2 diabetes. <i>Diabetes</i> , 2008 , 57, 2762-7	0.9	277
53	T2* relaxometry in liver, pancreas, and spleen in a healthy cohort of one hundred twenty-nine subjects-correlation with age, gender, and serum ferritin. <i>Investigative Radiology</i> , 2008 , 43, 854-60	10.1	76
52	Quantification of pancreatic lipomatosis and liver steatosis by MRI: comparison of in/opposed-phase and spectral-spatial excitation techniques. <i>Investigative Radiology</i> , 2008 , 43, 330-7	10.1	87
51	Increased fat accumulation in liver may link insulin resistance with subcutaneous abdominal adipocyte enlargement, visceral adiposity, and hypo adiponectinemia in obese individuals. <i>American Journal of Clinical Nutrition</i> , 2008 , 87, 295-302	7	92
50	Novel meta-analysis-derived type 2 diabetes risk loci do not determine prediabetic phenotypes. <i>PLoS ONE</i> , 2008 , 3, e3019	3.7	35
49	Low hepatic stearoyl-CoA desaturase 1 activity is associated with fatty liver and insulin resistance in obese humans. <i>Diabetologia</i> , 2008 , 51, 648-56	10.3	78
48	Variance of the SGK1 gene is associated with insulin secretion in different European populations: results from the TUEF, EUGENE2, and METSIM studies. <i>PLoS ONE</i> , 2008 , 3, e3506	3.7	13
47	Polymorphisms within the novel type 2 diabetes risk locus MTNR1B determine beta-cell function. <i>PLoS ONE</i> , 2008 , 3, e3962	3.7	93
46	High visceral fat mass and high liver fat are associated with resistance to lifestyle intervention. <i>Obesity</i> , 2007 , 15, 531-8	8	103
45	Lifestyle intervention in individuals with normal versus impaired glucose tolerance. <i>European Journal of Clinical Investigation</i> , 2007 , 37, 535-43	4.6	86
44	Effect of genotype on success of lifestyle intervention in subjects at risk for type 2 diabetes. <i>Journal of Molecular Medicine</i> , 2007 , 85, 107-17	5.5	21
43	Upstream transcription factor 1 gene polymorphisms are associated with high antilipolytic insulin sensitivity and show gene-gene interactions. <i>Journal of Molecular Medicine</i> , 2007 , 85, 55-61	5.5	19
42	High circulating retinol-binding protein 4 is associated with elevated liver fat but not with total, subcutaneous, visceral, or intramyocellular fat in humans. <i>Diabetes Care</i> , 2007 , 30, 1173-8	14.6	182
41	Circulating retinol-binding protein-4, insulin sensitivity, insulin secretion, and insulin disposition index in obese and nonobese subjects: response to Broch et al. <i>Diabetes Care</i> , 2007 , 30, e91; author reply e92	14.6	11
40	Genetic variations in PPARD and PPARGC1A determine mitochondrial function and change in aerobic physical fitness and insulin sensitivity during lifestyle intervention. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 1827-33	5.6	107

39	Impact of different fat depots on insulin sensitivity: predominant role of liver fat. <i>Journal of Diabetes Science and Technology</i> , 2007 , 1, 753-9	4.1	16
38	Polymorphisms within novel risk loci for type 2 diabetes determine beta-cell function. <i>PLoS ONE</i> , 2007 , 2, e832	3.7	127
37	Hepatic lipid accumulation in healthy subjects: a comparative study using spectral fat-selective MRI and volume-localized 1H-MR spectroscopy. <i>Magnetic Resonance in Medicine</i> , 2006 , 55, 913-7	4.4	129
36	A new variant in the human Kv1.3 gene is associated with low insulin sensitivity and impaired glucose tolerance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 654-8	5.6	38
35	The relationships of plasma adiponectin with a favorable lipid profile, decreased inflammation, and less ectopic fat accumulation depend on adiposity. <i>Clinical Chemistry</i> , 2006 , 52, 1934-42	5.5	77
34	Alpha2-Heremans-Schmid glycoprotein/fetuin-A is associated with insulin resistance and fat accumulation in the liver in humans. <i>Diabetes Care</i> , 2006 , 29, 853-7	14.6	368
33	The -8503 G/A polymorphism of the adiponectin receptor 1 gene is associated with insulin sensitivity dependent on adiposity. <i>Diabetes Care</i> , 2006 , 29, 464	14.6	22
32	Leptin down-regulates insulin action through phosphorylation of serine-318 in insulin receptor substrate 1. <i>FASEB Journal</i> , 2006 , 20, 1206-8	0.9	77
31	Liver fat and insulin resistance are independently associated with the -514C>T polymorphism of the hepatic lipase gene. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 4238-43	5.6	30
30	Reduced adiponectin serum levels in smokers. <i>Atherosclerosis</i> , 2005 , 179, 421-2	3.1	25
29	The association between plasma adiponectin and insulin sensitivity in humans depends on obesity. <i>Obesity</i> , 2005 , 13, 1683-91		34
28	A novel functional polymorphism (-336A/G) in the promoter of the partitioning-defective protein-6alpha gene is associated with increased glucose tolerance and lower concentrations of serum non-esterified fatty acids. <i>Diabetologia</i> , 2005 , 48, 669-74	10.3	5
27	Polymorphisms in the gene encoding adiponectin receptor 1 are associated with insulin resistance and high liver fat. <i>Diabetologia</i> , 2005 , 48, 2282-91	10.3	162
26	New imaging techniques of fat, muscle and liver within the context of determining insulin sensitivity. <i>Hormone Research in Paediatrics</i> , 2005 , 64 Suppl 3, 38-44	3.3	14
25	Parasympathetic blockade attenuates augmented pancreatic polypeptide but not insulin secretion in Pima Indians. <i>Diabetes</i> , 2004 , 53, 663-71	0.9	28
24	Expression of adiponectin receptor mRNA in human skeletal muscle cells is related to in vivo parameters of glucose and lipid metabolism. <i>Diabetes</i> , 2004 , 53, 2195-201	0.9	101
23	Palmitate-induced interleukin-6 expression in human coronary artery endothelial cells. <i>Diabetes</i> , 2004 , 53, 3209-16	0.9	116
22	Regulation of synovial adipocytokines. <i>JAMA - Journal of the American Medical Association</i> , 2004 , 291, 694-5; author reply 695	27.4	5

21	Intrahepatic lipids are predicted by visceral adipose tissue mass in healthy subjects. <i>Diabetes Care</i> , 2004 , 27, 2726-9	14.6	58
20	Adiponectin in youth: response to Bacha et al. <i>Diabetes Care</i> , 2004 , 27, 1519-20; author reply 1520-1	14.6	4
19	Exaggerated insulin secretion in Pima Indians and African-Americans but higher insulin resistance in Pima Indians compared to African-Americans and Caucasians. <i>Diabetic Medicine</i> , 2004 , 21, 1090-5	3.5	33
18	C825T polymorphism of the G protein beta3 subunit is associated with obesity but not with insulin sensitivity. <i>Obesity</i> , 2004 , 12, 679-83		22
17	Endogenous glucose production, insulin sensitivity, and insulin secretion in normal glucose-tolerant Pima Indians with low birth weight. <i>Metabolism: Clinical and Experimental</i> , 2004 , 53, 904-11	12.7	20
16	Glucose allostasis. <i>Diabetes</i> , 2003 , 52, 903-9	0.9	84
15	Elevated plasma nonesterified fatty acids are associated with deterioration of acute insulin response in IGT but not NGT. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003 , 284, E1156-61	6	31
14	Increased insulin clearance in peroxisome proliferator-activated receptor gamma2 Pro12Ala. <i>Metabolism: Clinical and Experimental</i> , 2003 , 52, 778-83	12.7	26
13	Metabolic effects of the Gly1057Asp polymorphism in IRS-2 and interactions with obesity. <i>Diabetes</i> , 2003 , 52, 1544-50	0.9	38
12	Acute hyperglycemia causes intracellular formation of CML and activation of ras, p42/44 MAPK, and nuclear factor kappaB in PBMCs. <i>Diabetes</i> , 2003 , 52, 621-33	0.9	161
11	Plasma adiponectin and endogenous glucose production in humans. <i>Diabetes Care</i> , 2003 , 26, 3315-9	14.6	89
10	Interaction effect between common polymorphisms in PPARgamma2 (Pro12Ala) and insulin receptor substrate 1 (Gly972Arg) on insulin sensitivity. <i>Journal of Molecular Medicine</i> , 2002 , 80, 33-8	5.5	30
9	Plasma adiponectin levels are not associated with fat oxidation in humans. <i>Obesity</i> , 2002 , 10, 1016-20		22
8	High alanine aminotransferase is associated with decreased hepatic insulin sensitivity and predicts the development of type 2 diabetes. <i>Diabetes</i> , 2002 , 51, 1889-95	0.9	512
7	Relationships among age, proinsulin conversion, and beta-cell function in nondiabetic humans. <i>Diabetes</i> , 2002 , 51 Suppl 1, S234-9	0.9	66
6	Plasma adiponectin concentrations in children: relationships with obesity and insulinemia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002 , 87, 4652-6	5.6	237
5	Low plasma adiponectin concentrations do not predict weight gain in humans. <i>Diabetes</i> , 2002 , 51, 2964-7.9		56
4	Plasma adiponectin concentration is associated with skeletal muscle insulin receptor tyrosine phosphorylation, and low plasma concentration precedes a decrease in whole-body insulin sensitivity in humans. <i>Diabetes</i> , 2002 , 51, 1884-8	0.9	453

3	Autoimmune thrombocytopenia associated with <i>Borrelia burgdorferi</i> . <i>Clinical Infectious Diseases</i> , 1999 , 28, 927	11.6	43
2	Pathophysiology-based subphenotyping of individuals at elevated risk for type 2 diabetes		1
1	Risk-stratified lifestyle intervention to prevent type 2 diabetes		1