

# Steven E Kahn

## List of Publications by Year in Descending Order

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

286  
papers

33,051  
citations

82  
h-index

179  
g-index

302  
ext. papers

37,286  
ext. citations

9  
avg, IF

6.96  
L-index

#	Paper	IF	Citations
286	Association Between Change in Accelerometer-Measured and Self-Reported Physical Activity and Cardiovascular Disease in the Look AHEAD Trial.. <i>Diabetes Care</i> , <b>2022</b> ,	14.6	2
285	Islet Autoimmunity is Highly Prevalent and Associated With Diminished $\beta$ Cell Function in Patients With Type 2 Diabetes in the Grade Study.. <i>Diabetes</i> , <b>2022</b> ,	0.9	2
284	Islet Autoimmunity in Adults With Impaired Glucose Tolerance and Recently Diagnosed, Treatment Naïve Type 2 Diabetes in the Restoring Insulin SEcretion (RISE) Study. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 640251	8.4	1
283	Plasma amino acid profile, a biomarker for visceral adipose tissue that can substitute for waist circumference in Japanese Americans. <i>Obesity Research and Clinical Practice</i> , <b>2021</b> , 15, 557-563	5.4	0
282	Tirzepatide versus insulin glargine in type 2 diabetes and increased cardiovascular risk (SURPASS-4): a randomised, open-label, parallel-group, multicentre, phase 3 trial. <i>Lancet, The</i> , <b>2021</b> , 398, 1811-1824	40	35
281	Type 2 Diabetes Subgroups, Risk for Complications, and Differential Effects Due to an Intensive Lifestyle Intervention. <i>Diabetes Care</i> , <b>2021</b> , 44, 1203-1210	14.6	6
280	Precision and accuracy of hyperglycemic clamps in a multicenter study. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2021</b> , 320, E797-E807	6	0
279	Association of glycemia with insulin sensitivity and $\beta$ cell function in adults with early type 2 diabetes on metformin alone. <i>Journal of Diabetes and Its Complications</i> , <b>2021</b> , 35, 107912	3.2	2
278	$\beta$ cell function in black South African women: exploratory associations with insulin clearance, visceral and ectopic fat. <i>Endocrine Connections</i> , <b>2021</b> , 10, 550-560	3.5	1
277	Hyperglucagonemia Does Not Explain the $\beta$ Cell Hyperresponsiveness and Insulin Resistance in Dysglycemic Youth Compared With Adults: Lessons From the RISE Study. <i>Diabetes Care</i> , <b>2021</b> , 44, 1961-1969	14.6	2
276	The $\beta$ Cell in Diabetes: Integrating Biomarkers With Functional Measures. <i>Endocrine Reviews</i> , <b>2021</b> , 42, 528-583	27.2	2
275	Baseline Predictors of Glycemic Worsening in Youth and Adults With Impaired Glucose Tolerance or Recently Diagnosed Type 2 Diabetes in the Restoring Insulin Secretion (RISE) Study. <i>Diabetes Care</i> , <b>2021</b> , 44, 1938-1947	14.6	4
274	Effect of Medical and Surgical Interventions on $\beta$ Cell Function in Dysglycemic Youth and Adults in the RISE Study. <i>Diabetes Care</i> , <b>2021</b> , 44, 1948-1960	14.6	2
273	On the causal relationships between hyperinsulinaemia, insulin resistance, obesity and dysglycaemia in type 2 diabetes: Reply to Johnson JD [letter]. <i>Diabetologia</i> , <b>2021</b> , 64, 2345-2347	10.3	2
272	Leptin and Adiponectin Concentrations Independently Predict Future Accumulation of Visceral Fat in Nondiabetic Japanese Americans. <i>Obesity</i> , <b>2021</b> , 29, 233-239	8	3
271	Within-Trial Cost-Effectiveness of a Structured Lifestyle Intervention in Adults With Overweight/Obesity and Type 2 Diabetes: Results From the Action for Health in Diabetes (Look AHEAD) Study. <i>Diabetes Care</i> , <b>2021</b> , 44, 67-74	14.6	3
270	Association of Baseline Characteristics With Insulin Sensitivity and $\beta$ Cell Function in the Glycemia Reduction Approaches in Diabetes: A Comparative Effectiveness (GRADE) Study Cohort. <i>Diabetes Care</i> , <b>2021</b> , 44, 340-349	14.6	3

269	OGTT Glucose Response Curves, Insulin Sensitivity, and ECell Function in RISE: Comparison Between Youth and Adults at Randomization and in Response to Interventions to Preserve ECell Function. <i>Diabetes Care</i> , <b>2021</b> , 44, 817-825	14.6	7
268	Sex-related differences in cognitive trajectories in older individuals with type 2 diabetes and overweight or obesity. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , <b>2021</b> , 7, e12160	6	3
267	Effect of linagliptin versus placebo on cardiovascular and kidney outcomes in nephrotic-range proteinuria and type 2 diabetes: the CARMELINA randomized controlled trial. <i>CKJ: Clinical Kidney Journal</i> , <b>2021</b> , 14, 226-236	4.5	1
266	Obstructive Sleep Apnea, Glucose Tolerance, and ECell Function in Adults With Prediabetes or Untreated Type 2 Diabetes in the Restoring Insulin Secretion (RISE) Study. <i>Diabetes Care</i> , <b>2021</b> , 44, 993-1001	14.6	2
265	Changes in mood and health-related quality of life in Look AHEAD 6 years after termination of the lifestyle intervention. <i>Obesity</i> , <b>2021</b> , 29, 1294-1308	8	1
264	Legacy of a 10-Year Multidomain Lifestyle Intervention on the Cognitive Trajectories of Individuals with Overweight/Obesity and Type 2 Diabetes Mellitus. <i>Dementia and Geriatric Cognitive Disorders</i> , <b>2021</b> , 50, 237-249	2.6	0
263	Lower High-Density Lipoprotein Cholesterol Concentration Is Independently Associated with Greater Future Accumulation of Intra-Abdominal Fat. <i>Endocrinology and Metabolism</i> , <b>2021</b> , 36, 835-844	3.5	0
262	Loss of apoptosis repressor with caspase recruitment domain (ARC) worsens high fat diet-induced hyperglycemia in mice. <i>Journal of Endocrinology</i> , <b>2021</b> , 251, 125-135	4.7	
261	Islet Autoimmunity in Adults With Impaired Glucose Tolerance and Recently Diagnosed, Treatment Naïve Type 2 Diabetes in the Restoring Insulin SEcretion (RISE) Study. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 640251	8.4	2
260	COVID-19 in People With Diabetes: Urgently Needed Lessons From Early Reports. <i>Diabetes Care</i> , <b>2020</b> , 43, 1378-1381	14.6	55
259	Daniel Porte Jr.: A Leader in Our Understanding of the Role of Defective Insulin Secretion and Action in Obesity and Type 2 Diabetes. <i>Diabetes Care</i> , <b>2020</b> , 43, 704-709	14.6	2
258	Weight Change 2 Years After Termination of the Intensive Lifestyle Intervention in the Look AHEAD Study. <i>Obesity</i> , <b>2020</b> , 28, 893-901	8	10
257	Effect of exercise training on insulin sensitivity, hyperinsulinemia and ectopic fat in black South African women: a randomized controlled trial. <i>European Journal of Endocrinology</i> , <b>2020</b> , 183, 51-61	6.5	4
256	Effects of Linagliptin on Cardiovascular and Kidney Outcomes in People With Normal and Reduced Kidney Function: Secondary Analysis of the CARMELINA Randomized Trial. <i>Diabetes Care</i> , <b>2020</b> , 43, 1803-1812	14.6	20
255	Intra-Abdominal Fat and High Density Lipoprotein Cholesterol Are Associated in a Non-Linear Pattern in Japanese-Americans. <i>Diabetes and Metabolism Journal</i> , <b>2020</b> , 44, 277-285	5	1
254	Apolipoprotein B Levels Predict Future Development of Hypertension Independent of Visceral Adiposity and Insulin Sensitivity. <i>Endocrinology and Metabolism</i> , <b>2020</b> , 35, 351-358	3.5	0
253	Impaired counterregulatory responses to hypoglycaemia following oral glucose in adults with cystic fibrosis. <i>Diabetologia</i> , <b>2020</b> , 63, 1055-1065	10.3	7
252	History of Cardiovascular Disease, Intensive Lifestyle Intervention, and Cardiovascular Outcomes in the Look AHEAD Trial. <i>Obesity</i> , <b>2020</b> , 28, 247-258	8	4

251	Withdrawal of medications leads to worsening of OGTT parameters in youth with impaired glucose tolerance or recently-diagnosed type 2 diabetes. <i>Pediatric Diabetes</i> , <b>2020</b> , 21, 1437-1446	3.6	3
250	Comparison of twenty indices of insulin sensitivity in predicting type 2 diabetes in Japanese Americans: The Japanese American Community Diabetes Study. <i>Journal of Diabetes and Its Complications</i> , <b>2020</b> , 34, 107731	3.2	0
249	Low concentration IL-1 $\beta$ promotes islet amyloid formation by increasing hIAPP release from humanised mouse islets in vitro. <i>Diabetologia</i> , <b>2020</b> , 63, 2385-2395	10.3	3
248	Tubular Secretory Clearance Is Associated With Whole-Body Insulin Clearance. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2020</b> , 105,	5.6	2
247	Intensive Weight Loss Intervention and Cancer Risk in Adults with Type 2 Diabetes: Analysis of the Look AHEAD Randomized Clinical Trial. <i>Obesity</i> , <b>2020</b> , 28, 1678-1686	8	22
246	Early beta cell dysfunction vs insulin hypersecretion as the primary event in the pathogenesis of dysglycaemia. <i>Diabetologia</i> , <b>2020</b> , 63, 2007-2021	10.3	31
245	Interaction Between Type 2 Diabetes Prevention Strategies and Genetic Determinants of Coronary Artery Disease on Cardiometabolic Risk Factors. <i>Diabetes</i> , <b>2020</b> , 69, 112-120	0.9	9
244	Short Report: Circulating microRNAs are associated with incident diabetes over 10 years in Japanese Americans. <i>Scientific Reports</i> , <b>2020</b> , 10, 6509	4.9	7
243	A Polygenic Lipodystrophy Genetic Risk Score Characterizes Risk Independent of BMI in the Diabetes Prevention Program. <i>Journal of the Endocrine Society</i> , <b>2019</b> , 3, 1663-1677	0.4	6
242	Effect of Linagliptin vs Glimepiride on Major Adverse Cardiovascular Outcomes in Patients With Type 2 Diabetes: The CAROLINA Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2019</b> , 322, 1155-1166	27.4	245
241	RNA-seq-based identification of Star upregulation by islet amyloid formation. <i>Protein Engineering, Design and Selection</i> , <b>2019</b> , 32, 67-76	1.9	2
240	Probing the Meaning of Persistent Propeptide Release in Type 1 Diabetes. <i>Diabetes Care</i> , <b>2019</b> , 42, 183-185	1.5	3
239	Change in CT-measured abdominal subcutaneous and visceral but not thigh fat areas predict future insulin sensitivity. <i>Diabetes Research and Clinical Practice</i> , <b>2019</b> , 154, 17-26	7.4	2
238	Association of Habitual Daily Physical Activity With Glucose Tolerance and $\beta$ Cell Function in Adults With Impaired Glucose Tolerance or Recently Diagnosed Type 2 Diabetes From the Restoring Insulin Secretion (RISE) Study. <i>Diabetes Care</i> , <b>2019</b> , 42, 1521-1529	14.6	5
237	Lack of Durable Improvements in $\beta$ Cell Function Following Withdrawal of Pharmacological Interventions in Adults With Impaired Glucose Tolerance or Recently Diagnosed Type 2 Diabetes. <i>Diabetes Care</i> , <b>2019</b> , 42, 1742-1751	14.6	30
236	Long-term Effects of Metformin on Diabetes Prevention: Identification of Subgroups That Benefited Most in the Diabetes Prevention Program and Diabetes Prevention Program Outcomes Study. <i>Diabetes Care</i> , <b>2019</b> , 42, 601-608	14.6	53
235	Hepatic Insulin Extraction in NAFLD Is Related to Insulin Resistance Rather Than Liver Fat Content. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2019</b> , 104, 1855-1865	5.6	34
234	Higher High Density Lipoprotein 2 (HDL2) to Total HDL Cholesterol Ratio Is Associated with a Lower Risk for Incident Hypertension. <i>Diabetes and Metabolism Journal</i> , <b>2019</b> , 43, 114-122	5	5

233	Regression From Prediabetes to Normal Glucose Regulation and Prevalence of Microvascular Disease in the Diabetes Prevention Program Outcomes Study (DPPOS). <i>Diabetes Care</i> , <b>2019</b> , 42, 1809-1815	14.6	30
232	Does diabetes prevention translate into reduced long-term vascular complications of diabetes?. <i>Diabetologia</i> , <b>2019</b> , 62, 1319-1328	10.3	24
231	Loss of perlecan heparan sulfate glycosaminoglycans lowers body weight and decreases islet amyloid deposition in human islet amyloid polypeptide transgenic mice. <i>Protein Engineering, Design and Selection</i> , <b>2019</b> , 32, 95-102	1.9	2
230	Linagliptin Effects on Heart Failure and Related Outcomes in Individuals With Type 2 Diabetes Mellitus at High Cardiovascular and Renal Risk in CARMELINA. <i>Circulation</i> , <b>2019</b> , 139, 351-361	16.7	103
229	Effect of Linagliptin vs Placebo on Major Cardiovascular Events in Adults With Type 2 Diabetes and High Cardiovascular and Renal Risk: The CARMELINA Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2019</b> , 321, 69-79	27.4	562
228	Genetic Ancestry Markers and Difference in A1c Between African American and White in the Diabetes Prevention Program. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2019</b> , 104, 328-336	5.6	9
227	Metabolic Clusters and Outcomes in Older Adults: The Cardiovascular Health Study. <i>Journal of the American Geriatrics Society</i> , <b>2018</b> , 66, 289-296	5.6	15
226	Review of methods for measuring $\beta$ cell function: Design considerations from the Restoring Insulin Secretion (RISE) Consortium. <i>Diabetes, Obesity and Metabolism</i> , <b>2018</b> , 20, 14-24	6.7	50
225	Physical Function Following a Long-Term Lifestyle Intervention Among Middle Aged and Older Adults With Type 2 Diabetes: The Look AHEAD Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2018</b> , 73, 1552-1559	6.4	20
224	Change in visceral adiposity is an independent predictor of future arterial pulse pressure. <i>Journal of Hypertension</i> , <b>2018</b> , 36, 299-305	1.9	5
223	Use of the PET ligand florbetapir for in vivo imaging of pancreatic islet amyloid deposits in hIAPP transgenic mice. <i>Diabetologia</i> , <b>2018</b> , 61, 2215-2224	10.3	7
222	Novel approaches to restore beta cell function in prediabetes and type 2 diabetes. <i>Diabetologia</i> , <b>2018</b> , 61, 1895-1901	10.3	25
221	An Exercise Intervention to Unravel the Mechanisms Underlying Insulin Resistance in a Cohort of Black South African Women: Protocol for a Randomized Controlled Trial and Baseline Characteristics of Participants. <i>JMIR Research Protocols</i> , <b>2018</b> , 7, e75	2	14
220	Association of Thigh Muscle Mass with Insulin Resistance and Incident Type 2 Diabetes Mellitus in Japanese Americans. <i>Diabetes and Metabolism Journal</i> , <b>2018</b> , 42, 488-495	5	25
219	Design and validation of a novel estimator of visceral adipose tissue area and comparison to existing adiposity surrogates. <i>Journal of Diabetes and Its Complications</i> , <b>2018</b> , 32, 1062-1067	3.2	3
218	Impact of Gastric Banding Versus Metformin on $\beta$ Cell Function in Adults With Impaired Glucose Tolerance or Mild Type 2 Diabetes. <i>Diabetes Care</i> , <b>2018</b> , 41, 2544-2551	14.6	19
217	Predictors of Incident Type 2 Diabetes Mellitus in Japanese Americans with Normal Fasting Glucose Level. <i>Diabetes and Metabolism Journal</i> , <b>2018</b> , 42, 198-206	5	1
216	Natural history of impaired glucose tolerance in Japanese Americans: Change in visceral adiposity is associated with remission from impaired glucose tolerance to normal glucose tolerance. <i>Diabetes Research and Clinical Practice</i> , <b>2018</b> , 142, 303-311	7.4	1

215	Impact of Insulin and Metformin Versus Metformin Alone on $\beta$ Cell Function in Youth With Impaired Glucose Tolerance or Recently Diagnosed Type 2 Diabetes. <i>Diabetes Care</i> , <b>2018</b> , 41, 1717-1725	14.6	74
214	Metabolic Contrasts Between Youth and Adults With Impaired Glucose Tolerance or Recently Diagnosed Type 2 Diabetes: I. Observations Using the Hyperglycemic Clamp. <i>Diabetes Care</i> , <b>2018</b> , 41, 1696-1706	14.6	89
213	Evidence That the Sympathetic Nervous System Elicits Rapid, Coordinated, and Reciprocal Adjustments of Insulin Secretion and Insulin Sensitivity During Cold Exposure. <i>Diabetes</i> , <b>2017</b> , 66, 823-834	9.9	28
212	Response to Comment on Cefalu et al. Update and Next Steps for Real-World Translation of Interventions for Type 2 Diabetes Prevention: Reflections From a Diabetes Care EditorsRExpert Forum. <i>Diabetes Care</i> 2016;39:1186-1201. <i>Diabetes Care</i> , <b>2017</b> , 40, e23-e24	14.6	1
211	Greater visceral abdominal fat is associated with a lower probability of conversion of prehypertension to normotension. <i>Journal of Hypertension</i> , <b>2017</b> , 35, 1213-1218	1.9	8
210	Chronic kidney disease and obesity bias surrogate estimates of insulin sensitivity compared with the hyperinsulinemic euglycemic clamp. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2017</b> , 312, E175-E182	6	4
209	Variation in Maturity-Onset Diabetes of the Young Genes Influence Response to Interventions for Diabetes Prevention. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2017</b> , 102, 2678-2689	5.6	12
208	Effect of a long-term intensive lifestyle intervention on prevalence of cognitive impairment. <i>Neurology</i> , <b>2017</b> , 88, 2026-2035	6.5	45
207	Low Plasma Adiponectin Concentrations Predict Increases in Visceral Adiposity and Insulin Resistance. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2017</b> , 102, 4626-4633	5.6	25
206	Effects of combination of change in visceral fat and thigh muscle mass on the development of type 2 diabetes. <i>Diabetes Research and Clinical Practice</i> , <b>2017</b> , 134, 131-138	7.4	6
205	Relationships of the early insulin secretory response and oral disposition index with gastric emptying in subjects with normal glucose tolerance. <i>Physiological Reports</i> , <b>2017</b> , 5, e13122	2.6	7
204	Apoptosis Repressor With Caspase Recruitment Domain Ameliorates Amyloid-Induced $\beta$ Cell Apoptosis and JNK Pathway Activation. <i>Diabetes</i> , <b>2017</b> , 66, 2636-2645	0.9	12
203	The Effect of Intentional Weight Loss on Fracture Risk in Persons With Diabetes: Results From the Look AHEAD Randomized Clinical Trial. <i>Journal of Bone and Mineral Research</i> , <b>2017</b> , 32, 2278-2287	6.3	41
202	Metformin for diabetes prevention: insights gained from the Diabetes Prevention Program/Diabetes Prevention Program Outcomes Study. <i>Diabetologia</i> , <b>2017</b> , 60, 1601-1611	10.3	86
201	Update and Next Steps for Real-World Translation of Interventions for Type 2 Diabetes Prevention: Reflections From a Diabetes Care EditorsRExpert Forum. <i>Diabetes Care</i> , <b>2016</b> , 39, 1186-201	14.6	86
200	The S20G substitution in hIAPP is more amyloidogenic and cytotoxic than wild-type hIAPP in mouse islets. <i>Diabetologia</i> , <b>2016</b> , 59, 2166-71	10.3	23
199	Lifestyle Intervention for Weight Loss and Cardiometabolic Changes in the Setting of Glucokinase Regulatory Protein Inhibition: Glucokinase Regulatory Protein-Leu446Pro Variant in Look AHEAD. <i>Circulation: Cardiovascular Genetics</i> , <b>2016</b> , 9, 71-8		3
198	Lifestyle and Metformin Ameliorate Insulin Sensitivity Independently of the Genetic Burden of Established Insulin Resistance Variants in Diabetes Prevention Program Participants. <i>Diabetes</i> , <b>2016</b> , 65, 520-6	0.9	27



197	Increased Visceral Adipose Tissue Is an Independent Predictor for Future Development of Atherogenic Dyslipidemia. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 678-85	5.6	39
196	Impaired Glucose and Insulin Homeostasis in Moderate-Severe CKD. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2016</b> , 27, 2861-71	12.7	65
195	Physical activity and metabolic health in chronic kidney disease: a cross-sectional study. <i>BMC Nephrology</i> , <b>2016</b> , 17, 187	2.7	10
194	Inhibition of Insulin-Degrading Enzyme Does Not Increase Islet Amyloid Deposition in Vitro. <i>Endocrinology</i> , <b>2016</b> , 157, 3462-8	4.8	3
193	Insulin resistance as a physiological defense against metabolic stress: implications for the management of subsets of type 2 diabetes. <i>Diabetes</i> , <b>2015</b> , 64, 673-86	0.9	139
192	Changes in body composition over 8 years in a randomized trial of a lifestyle intervention: the look AHEAD study. <i>Obesity</i> , <b>2015</b> , 23, 565-72	8	46
191	Change in Intra-Abdominal Fat Predicts the Risk of Hypertension in Japanese Americans. <i>Hypertension</i> , <b>2015</b> , 66, 134-40	8.5	32
190	Determination of Optimal Sample Size for Quantification of $\beta$ Cell Area, Amyloid Area and $\beta$ Cell Apoptosis in Isolated Islets. <i>Journal of Histochemistry and Cytochemistry</i> , <b>2015</b> , 63, 663-73	3.4	14
189	Design and baseline characteristics of the CARdiovascular Outcome Trial of LINAgliptin Versus Glimpiride in Type 2 Diabetes (CAROLINA <sup>2</sup> ). <i>Diabetes and Vascular Disease Research</i> , <b>2015</b> , 12, 164-74	3.3	182
188	Medications for type 2 diabetes: how will we be treating patients in 50 years?. <i>Diabetologia</i> , <b>2015</b> , 58, 1735-9	10.3	9
187	Pancreatic morphology in normal and diabetic states <b>2015</b> , 69-81		1
186	Differential Association Between HDL Subclasses and the Development of Type 2 Diabetes in a Prospective Study of Japanese Americans. <i>Diabetes Care</i> , <b>2015</b> , 38, 2100-5	14.6	19
185	Hepatic Insulin Resistance Following Chronic Activation of the CREB Coactivator CRTC2. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 25997-6006	5.4	19
184	Ethnic differences in hepatic and systemic insulin sensitivity and their associated determinants in obese black and white South African women. <i>Diabetologia</i> , <b>2015</b> , 58, 2647-52	10.3	26
183	Genetic Predisposition to Weight Loss and Regain With Lifestyle Intervention: Analyses From the Diabetes Prevention Program and the Look AHEAD Randomized Controlled Trials. <i>Diabetes</i> , <b>2015</b> , 64, 4312-21	0.9	51
182	Factors affecting the decline in incidence of diabetes in the Diabetes Prevention Program Outcomes Study (DPPOS). <i>Diabetes</i> , <b>2015</b> , 64, 989-98	0.9	32
181	Response to Comments on Nolan et al. Insulin Resistance as a Physiological Defense Against Metabolic Stress: Implications for the Management of Subsets of Type 2 Diabetes. <i>Diabetes</i> 2015;64:673-686. <i>Diabetes</i> , <b>2015</b> , 64, e38-9	0.9	3
180	Matrix Metalloproteinase-9 Protects Islets from Amyloid-induced Toxicity. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 30475-85	5.4	10

179	Optimum BMI cut points to screen asian americans for type 2 diabetes. <i>Diabetes Care</i> , <b>2015</b> , 38, 814-20	14.6	82
178	Pathophysiology and treatment of type 2 diabetes: perspectives on the past, present, and future. <i>Lancet, The</i> , <b>2014</b> , 383, 1068-83	40	915
177	Impact of intensive lifestyle intervention on depression and health-related quality of life in type 2 diabetes: the Look AHEAD Trial. <i>Diabetes Care</i> , <b>2014</b> , 37, 1544-53	14.6	129
176	Effects of weight loss, weight cycling, and weight loss maintenance on diabetes incidence and change in cardiometabolic traits in the Diabetes Prevention Program. <i>Diabetes Care</i> , <b>2014</b> , 37, 2738-45	14.6	68
175	Impact of an intensive lifestyle intervention on use and cost of medical services among overweight and obese adults with type 2 diabetes: the action for health in diabetes. <i>Diabetes Care</i> , <b>2014</b> , 37, 2548-56	14.6	123
174	The influence of rare genetic variation in SLC30A8 on diabetes incidence and $\beta$ cell function. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2014</b> , 99, E926-30	5.6	19
173	We can change the natural history of type 2 diabetes. <i>Diabetes Care</i> , <b>2014</b> , 37, 2668-76	14.6	59
172	Islet amyloid formation is an important determinant for inducing islet inflammation in high-fat-fed human IAPP transgenic mice. <i>Diabetologia</i> , <b>2014</b> , 57, 1884-8	10.3	52
171	Michaela Diamant, 11 April 1962-9 April 2014. <i>Diabetologia</i> , <b>2014</b> , 57, 1271-2	10.3	1
170	The relative associations of $\beta$ cell function and insulin sensitivity with glycemic status and incident glycemic progression in migrant Asian Indians in the United States: the MASALA study. <i>Journal of Diabetes and Its Complications</i> , <b>2014</b> , 28, 45-50	3.2	37
169	Serum ferritin is associated with non-alcoholic fatty liver disease and decreased $\beta$ cell function in non-diabetic men and women. <i>Journal of Diabetes and Its Complications</i> , <b>2014</b> , 28, 177-84	3.2	19
168	The Look AHEAD Trial: bone loss at 4-year follow-up in type 2 diabetes. <i>Diabetes Care</i> , <b>2014</b> , 37, 2822-9	14.6	24
167	Adipocytokines as features of the metabolic syndrome determined using confirmatory factor analysis. <i>Annals of Epidemiology</i> , <b>2013</b> , 23, 415-21	6.4	14
166	Glucose levels and risk of dementia. <i>New England Journal of Medicine</i> , <b>2013</b> , 369, 540-8	59.2	516
165	Cardiovascular outcome trials in type 2 diabetes and the sulphonylurea controversy: rationale for the active-comparator CAROLINA trial. <i>Diabetes and Vascular Disease Research</i> , <b>2013</b> , 10, 289-301	3.3	119
164	A novel risk classification paradigm for patients with impaired glucose tolerance and high cardiovascular risk. <i>American Journal of Cardiology</i> , <b>2013</b> , 112, 231-7	3	4
163	Impact of differences in glucose tolerance on the prevalence of a negative insulinogenic index. <i>Journal of Diabetes and Its Complications</i> , <b>2013</b> , 27, 158-61	3.2	11
162	Treatment with Thiazolidinediones <b>2013</b> , 117-146		



161	Cardiovascular effects of intensive lifestyle intervention in type 2 diabetes. <i>New England Journal of Medicine</i> , <b>2013</b> , 369, 145-54	59.2	1738
160	Direct autocrine action of insulin on $\beta$ cells: does it make physiological sense?. <i>Diabetes</i> , <b>2013</b> , 62, 2157-63.	63.9	71
159	Incretin therapy and islet pathology: a time for caution. <i>Diabetes</i> , <b>2013</b> , 62, 2178-80	0.9	52
158	Paricalcitol does not improve glucose metabolism in patients with stage 3-4 chronic kidney disease. <i>Kidney International</i> , <b>2013</b> , 83, 323-30	9.9	37
157	Change in visceral adiposity independently predicts a greater risk of developing type 2 diabetes over 10 years in Japanese Americans. <i>Diabetes Care</i> , <b>2013</b> , 36, 289-93	14.6	71
156	Patterns of insulin concentration during the OGTT predict the risk of type 2 diabetes in Japanese Americans. <i>Diabetes Care</i> , <b>2013</b> , 36, 1229-35	14.6	59
155	Neprilysin deficiency protects against fat-induced insulin secretory dysfunction by maintaining calcium influx. <i>Diabetes</i> , <b>2013</b> , 62, 1593-601	0.9	12
154	Quantifying $\beta$ cells in health and disease: the past, the present, and the need. <i>Diabetes Care</i> , <b>2013</b> , 36, 4-5	14.6	75
153	Rationale and design of the glycemia reduction approaches in diabetes: a comparative effectiveness study (GRADE). <i>Diabetes Care</i> , <b>2013</b> , 36, 2254-61	14.6	173
152	Variation at the melanocortin 4 receptor gene and response to weight-loss interventions in the diabetes prevention program. <i>Obesity</i> , <b>2013</b> , 21, E520-6	8	29
151	Human cardiovascular disease IBC chip-wide association with weight loss and weight regain in the look AHEAD trial. <i>Human Heredity</i> , <b>2013</b> , 75, 160-74	1.1	21
150	Visceral fat resection in humans: effect on insulin sensitivity, beta-cell function, adipokines, and inflammatory markers. <i>Obesity</i> , <b>2013</b> , 21, E182-9	8	49
149	Matrix metalloproteinase-9 reduces islet amyloid formation by degrading islet amyloid polypeptide. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 3553-9	5.4	26
148	Maternal physical activity and insulin action in pregnancy and their relationships with infant body composition. <i>Diabetes Care</i> , <b>2013</b> , 36, 267-9	14.6	15
147	Effect of regression from prediabetes to normal glucose regulation on long-term reduction in diabetes risk: results from the Diabetes Prevention Program Outcomes Study. <i>Lancet</i> , <b>2012</b> , 379, 2243-51	40	297
146	Effects of genetic variants previously associated with fasting glucose and insulin in the Diabetes Prevention Program. <i>PLoS ONE</i> , <b>2012</b> , 7, e44424	3.7	35
145	Effect of 1 year of an intentional weight loss intervention on bone mineral density in type 2 diabetes: results from the Look AHEAD randomized trial. <i>Journal of Bone and Mineral Research</i> , <b>2012</b> , 27, 619-27	6.3	58
144	Genetic predictors of weight loss and weight regain after intensive lifestyle modification, metformin treatment, or standard care in the Diabetes Prevention Program. <i>Diabetes Care</i> , <b>2012</b> , 35, 363-6	14.6	84

143	Risk Factors for Type 2 Diabetes: Lessons Learned from Japanese Americans in Seattle. <i>Journal of Diabetes Investigation</i> , <b>2012</b> , 3, 212-224	3.9	30
142	Colesevelam improves oral but not intravenous glucose tolerance by a mechanism independent of insulin sensitivity and $\beta$ cell function. <i>Diabetes Care</i> , <b>2012</b> , 35, 1119-25	14.6	45
141	Midcourse correction to a clinical trial when the event rate is underestimated: the Look AHEAD (Action for Health in Diabetes) Study. <i>Clinical Trials</i> , <b>2012</b> , 9, 113-24	2.2	26
140	$\beta$ cell loss and $\beta$ cell apoptosis in human type 2 diabetes are related to islet amyloid deposition. <i>American Journal of Pathology</i> , <b>2011</b> , 178, 2632-40	5.8	223
139	Physical activity, sedentary behaviors, and estimated insulin sensitivity and secretion in pregnant and non-pregnant women. <i>BMC Pregnancy and Childbirth</i> , <b>2011</b> , 11, 44	3.2	50
138	Obesity and type 2 diabetes: what can be unified and what needs to be individualized?. <i>Diabetes Care</i> , <b>2011</b> , 34, 1424-30	14.6	168
137	Gestational diabetes or lesser degrees of glucose intolerance and risk of preeclampsia. <i>Hypertension in Pregnancy</i> , <b>2011</b> , 30, 153-63	2	35
136	Diet intervention and cerebrospinal fluid biomarkers in amnesic mild cognitive impairment. <i>Archives of Neurology</i> , <b>2011</b> , 68, 743-52		100
135	Triglyceride response to an intensive lifestyle intervention is enhanced in carriers of the GCKR Pro446Leu polymorphism. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2011</b> , 96, E1142-7	5.6	32
134	Reduced gluteal expression of adipogenic and lipogenic genes in Black South African women is associated with obesity-related insulin resistance. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2011</b> , 96, E2029-33	5.6	27
133	Effects of rosiglitazone, glyburide, and metformin on $\beta$ cell function and insulin sensitivity in ADOPT. <i>Diabetes</i> , <b>2011</b> , 60, 1552-60	0.9	164
132	Obesity and type 2 diabetes: what can be unified and what needs to be individualized?. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2011</b> , 96, 1654-63	5.6	290
131	Updated genetic score based on 34 confirmed type 2 diabetes Loci is associated with diabetes incidence and regression to normoglycemia in the diabetes prevention program. <i>Diabetes</i> , <b>2011</b> , 60, 1340-8	6.8	153
130	Renal function in type 2 diabetes with rosiglitazone, metformin, and glyburide monotherapy. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , <b>2011</b> , 6, 1032-40	6.9	58
129	Plasma sterol evidence for decreased absorption and increased synthesis of cholesterol in insulin resistance and obesity. <i>American Journal of Clinical Nutrition</i> , <b>2011</b> , 94, 1182-8	7	29
128	Insulin resistance is the best predictor of the metabolic syndrome in subjects with a first-degree relative with type 2 diabetes. <i>Obesity</i> , <b>2010</b> , 18, 1781-7	8	27
127	Activation of the NLRP3 inflammasome by islet amyloid polypeptide provides a mechanism for enhanced IL-1 $\beta$ in type 2 diabetes. <i>Nature Immunology</i> , <b>2010</b> , 11, 897-904	19.1	940
126	Nepriylsin impedes islet amyloid formation by inhibition of fibril formation rather than peptide degradation. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 18177-83	5.4	29

125	Rosiglitazone decreases C-reactive protein to a greater extent relative to glyburide and metformin over 4 years despite greater weight gain: observations from a Diabetes Outcome Progression Trial (ADOPT). <i>Diabetes Care</i> , <b>2010</b> , 33, 177-83	14.6	34
124	Low clusterin levels in high-density lipoprotein associate with insulin resistance, obesity, and dyslipoproteinemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2010</b> , 30, 2528-34	9.4	62
123	Effect of valsartan on the incidence of diabetes and cardiovascular events. <i>New England Journal of Medicine</i> , <b>2010</b> , 362, 1477-90	59.2	493
122	Ghrelin suppresses glucose-stimulated insulin secretion and deteriorates glucose tolerance in healthy humans. <i>Diabetes</i> , <b>2010</b> , 59, 2145-51	0.9	237
121	Effect of nateglinide on the incidence of diabetes and cardiovascular events. <i>New England Journal of Medicine</i> , <b>2010</b> , 362, 1463-76	59.2	358
120	Acute effect of roux-en-y gastric bypass on whole-body insulin sensitivity: a study with the euglycemic-hyperinsulinemic clamp. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2010</b> , 95, 3871-5	5.6	82
119	Current status of islet cell replacement and regeneration therapy. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2010</b> , 95, 1034-43	5.6	77
118	Effect of rosiglitazone, metformin, and glyburide on bone biomarkers in patients with type 2 diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2010</b> , 95, 134-42	5.6	138
117	Latent class analysis of the metabolic syndrome. <i>Diabetes Research and Clinical Practice</i> , <b>2010</b> , 89, 88-93	7.4	15
116	Intra-abdominal fat accumulation is greatest at younger ages in Japanese-American adults. <i>Diabetes Research and Clinical Practice</i> , <b>2010</b> , 89, 58-64	7.4	19
115	Effect of a 12-month intensive lifestyle intervention on hepatic steatosis in adults with type 2 diabetes. <i>Diabetes Care</i> , <b>2010</b> , 33, 2156-63	14.6	250
114	Ethnic differences in serum lipoproteins and their determinants in South African women. <i>Metabolism: Clinical and Experimental</i> , <b>2010</b> , 59, 1341-50	12.7	53
113	Regression from pre-diabetes to normal glucose regulation in the diabetes prevention program. <i>Diabetes Care</i> , <b>2009</b> , 32, 1583-8	14.6	119
112	Oral disposition index predicts the development of future diabetes above and beyond fasting and 2-h glucose levels. <i>Diabetes Care</i> , <b>2009</b> , 32, 335-41	14.6	363
111	Body mass index is associated with increased creatinine clearance by a mechanism independent of body fat distribution. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2009</b> , 94, 3781-8	5.6	47
110	Enhanced cortisol production rates, free cortisol, and 11beta-HSD-1 expression correlate with visceral fat and insulin resistance in men: effect of weight loss. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2009</b> , 296, E351-7	6	78
109	The association of ENPP1 K121Q with diabetes incidence is abolished by lifestyle modification in the diabetes prevention program. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2009</b> , 94, 449-55	5.6	45
108	Insulin response in relation to insulin sensitivity: an appropriate beta-cell response in black South African women. <i>Diabetes Care</i> , <b>2009</b> , 32, 860-5	14.6	69

107	Glucose control in type 2 diabetes: still worthwhile and worth pursuing. <i>JAMA - Journal of the American Medical Association</i> , <b>2009</b> , 301, 1590-2	27.4	9
106	Differential effects of abdominal adipose tissue distribution on insulin sensitivity in black and white South African women. <i>Obesity</i> , <b>2009</b> , 17, 1506-12	8	80
105	Association between the 4 bp proinsulin gene insertion polymorphism (IVS-69) and body composition in black South African women. <i>Obesity</i> , <b>2009</b> , 17, 1298-300	8	3
104	The prevention of type 2 diabetes. <i>Nature Clinical Practice Endocrinology and Metabolism</i> , <b>2008</b> , 4, 382-93		170
103	Adiponectin, change in adiponectin, and progression to diabetes in the Diabetes Prevention Program. <i>Diabetes</i> , <b>2008</b> , 57, 980-6	0.9	135
102	Reduced adipogenic gene expression in thigh adipose tissue precedes human immunodeficiency virus-associated lipodystrophy. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2008</b> , 93, 959-66	5.6	16
101	Rosiglitazone-associated fractures in type 2 diabetes: an Analysis from A Diabetes Outcome Progression Trial (ADOPT). <i>Diabetes Care</i> , <b>2008</b> , 31, 845-51	14.6	431
100	Modestly elevated glucose levels during pregnancy are associated with a higher risk of future diabetes among women without gestational diabetes mellitus. <i>Diabetes Care</i> , <b>2008</b> , 31, 1037-9	14.6	43
99	Visceral adiposity, not abdominal subcutaneous fat area, is associated with an increase in future insulin resistance in Japanese Americans. <i>Diabetes</i> , <b>2008</b> , 57, 1269-75	0.9	157
98	Prevention of diabetes in women with a history of gestational diabetes: effects of metformin and lifestyle interventions. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2008</b> , 93, 4774-9	5.6	531
97	Elevated depression symptoms, antidepressant medicine use, and risk of developing diabetes during the diabetes prevention program. <i>Diabetes Care</i> , <b>2008</b> , 31, 420-6	14.6	167
96	The dipeptidyl peptidase-4 inhibitor vildagliptin improves beta-cell function and insulin sensitivity in subjects with impaired fasting glucose. <i>Diabetes Care</i> , <b>2008</b> , 31, 108-13	14.6	115
95	Glucose control, macro- and microvascular disease, and the Food and Drug Administration: let's keep our eye on the ball. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2008</b> , 93, 3727-9	5.6	1
94	Type 2 diabetes-associated missense polymorphisms KCNJ11 E23K and ABCC8 A1369S influence progression to diabetes and response to interventions in the Diabetes Prevention Program. <i>Diabetes</i> , <b>2007</b> , 56, 531-6	0.9	105
93	Minimum waist and visceral fat values for identifying Japanese Americans at risk for the metabolic syndrome. <i>Diabetes Care</i> , <b>2007</b> , 30, 120-7	14.6	153
92	Reduction in weight and cardiovascular disease risk factors in individuals with type 2 diabetes: one-year results of the look AHEAD trial. <i>Diabetes Care</i> , <b>2007</b> , 30, 1374-83	14.6	1154
91	Differences in A1C by race and ethnicity among patients with impaired glucose tolerance in the Diabetes Prevention Program. <i>Diabetes Care</i> , <b>2007</b> , 30, 2453-7	14.6	394
90	Inhibition of glycosaminoglycan synthesis and protein glycosylation with WAS-406 and azaserine result in reduced islet amyloid formation in vitro. <i>American Journal of Physiology - Cell Physiology</i> , <b>2007</b> , 293, C1586-93	5.4	46

89	Effects of the type 2 diabetes-associated PPAR $\gamma$ P12A polymorphism on progression to diabetes and response to troglitazone. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2007</b> , 92, 1502-9	5.6	113
88	Factors associated with diabetes onset during metformin versus placebo therapy in the diabetes prevention program. <i>Diabetes</i> , <b>2007</b> , 56, 1153-9	0.9	66
87	Progressive loss of beta-cell function leads to worsening glucose tolerance in first-degree relatives of subjects with type 2 diabetes. <i>Diabetes Care</i> , <b>2007</b> , 30, 677-82	14.6	129
86	Relationship of liver enzymes to insulin sensitivity and intra-abdominal fat. <i>Diabetes Care</i> , <b>2007</b> , 30, 2673-8	14.6	41
85	Identification of the amyloid-degrading enzyme neprilysin in mouse islets and potential role in islet amyloidogenesis. <i>Diabetes</i> , <b>2007</b> , 56, 304-10	0.9	26
84	Glucose- and time-dependence of islet amyloid formation in vitro. <i>Biochemical and Biophysical Research Communications</i> , <b>2007</b> , 354, 234-9	3.4	33
83	Superiority of the Modification of Diet in Renal Disease equation over the Cockcroft-Gault equation in screening for impaired kidney function in Japanese Americans. <i>Diabetes Research and Clinical Practice</i> , <b>2007</b> , 77, 320-6	7.4	9
82	Effects of sex and hormone replacement therapy use on the prevalence of isolated impaired fasting glucose and isolated impaired glucose tolerance in subjects with a family history of type 2 diabetes. <i>Diabetes</i> , <b>2006</b> , 55, 3529-35	0.9	52
81	Commentary: Of HOPEs and DREAMs: the quest to prevent type 2 diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2006</b> , 91, 4762-3	5.6	1
80	Population approaches to estimate minimal model indexes of insulin sensitivity and glucose effectiveness using full and reduced sampling schedules. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2006</b> , 291, E716-23	6	16
79	Adherence to preventive medications: predictors and outcomes in the Diabetes Prevention Program. <i>Diabetes Care</i> , <b>2006</b> , 29, 1997-2002	14.6	126
78	Impact of differences in fasting glucose and glucose tolerance on the hyperbolic relationship between insulin sensitivity and insulin responses. <i>Diabetes Care</i> , <b>2006</b> , 29, 356-62	14.6	64
77	Gestational diabetes mellitus increases the risk of cardiovascular disease in women with a family history of type 2 diabetes. <i>Diabetes Care</i> , <b>2006</b> , 29, 2078-83	14.6	233
76	Review: The role of insulin resistance in nonalcoholic fatty liver disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2006</b> , 91, 4753-61	5.6	555
75	Glycemic durability of rosiglitazone, metformin, or glyburide monotherapy. <i>New England Journal of Medicine</i> , <b>2006</b> , 355, 2427-43	59.2	2332
74	Obesity is a major determinant of the association of C-reactive protein levels and the metabolic syndrome in type 2 diabetes. <i>Diabetes</i> , <b>2006</b> , 55, 2357-64	0.9	154
73	Mechanisms linking obesity to insulin resistance and type 2 diabetes. <i>Nature</i> , <b>2006</b> , 444, 840-6	50.4	3229
72	Cholesterol feeding increases C-reactive protein and serum amyloid A levels in lean insulin-sensitive subjects. <i>Circulation</i> , <b>2005</b> , 111, 3058-62	16.7	80

71	Is central obesity associated with cirrhosis-related death or hospitalization? A population-based, cohort study. <i>Clinical Gastroenterology and Hepatology</i> , <b>2005</b> , 3, 67-74	6.9	246
70	Contribution of metabolic factors to alanine aminotransferase activity in persons with other causes of liver disease. <i>Gastroenterology</i> , <b>2005</b> , 128, 627-35	13.3	63
69	Preserved Cognition in Patients With Early Alzheimer Disease and Amnesic Mild Cognitive Impairment During Treatment With Rosiglitazone. <i>American Journal of Geriatric Psychiatry</i> , <b>2005</b> , 13, 950-958	6.5	25
68	Genetic background determines the extent of islet amyloid formation in human islet amyloid polypeptide transgenic mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2005</b> , 289, E703-9	6	9
67	Insulin, C-peptide, and leptin concentrations predict increased visceral adiposity at 5- and 10-year follow-ups in nondiabetic Japanese Americans. <i>Diabetes</i> , <b>2005</b> , 54, 985-90	0.9	34
66	Prevention of type 2 diabetes with troglitazone in the Diabetes Prevention Program. <i>Diabetes</i> , <b>2005</b> , 54, 1150-6	0.9	384
65	Effects of short-term experimental insulin resistance and family history of diabetes on pancreatic beta-cell function in nondiabetic individuals. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2005</b> , 90, 5825-33	5.6	24
64	Role of insulin secretion and sensitivity in the evolution of type 2 diabetes in the diabetes prevention program: effects of lifestyle intervention and metformin. <i>Diabetes</i> , <b>2005</b> , 54, 2404-14	0.9	348
63	Long-term treatment with rosiglitazone and metformin reduces the extent of, but does not prevent, islet amyloid deposition in mice expressing the gene for human islet amyloid polypeptide. <i>Diabetes</i> , <b>2005</b> , 54, 2235-44	0.9	78
62	A reduced-fat diet and aerobic exercise in Japanese Americans with impaired glucose tolerance decreases intra-abdominal fat and improves insulin sensitivity but not beta-cell function. <i>Diabetes</i> , <b>2005</b> , 54, 340-7	0.9	53
61	Differential effect of inbred mouse strain (C57BL/6, DBA/2, 129T2) on insulin secretory function in response to a high fat diet. <i>Journal of Endocrinology</i> , <b>2005</b> , 187, 45-53	4.7	106
60	Diet-induced weight loss is associated with an improvement in beta-cell function in older men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2004</b> , 89, 2704-10	5.6	65
59	Impact of intra-abdominal fat and age on insulin sensitivity and beta-cell function. <i>Diabetes</i> , <b>2004</b> , 53, 2867-72	0.9	85
58	Intra-abdominal fat is a major determinant of the National Cholesterol Education Program Adult Treatment Panel III criteria for the metabolic syndrome. <i>Diabetes</i> , <b>2004</b> , 53, 2087-94	0.9	697
57	Suppression of Beta-cell secretion by somatostatin does not fully reverse the disproportionate proinsulinemia of type 2 diabetes. <i>Diabetes</i> , <b>2004</b> , 53 Suppl 3, S22-5	0.9	6
56	Islet amyloid: a critical entity in the pathogenesis of type 2 diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2004</b> , 89, 3629-43	5.6	427
55	Phenotypic characteristics of GAD antibody-positive recently diagnosed patients with type 2 diabetes in North America and Europe. <i>Diabetes</i> , <b>2004</b> , 53, 3193-200	0.9	124
54	Complex distribution, not absolute amount of adiponectin, correlates with thiazolidinedione-mediated improvement in insulin sensitivity. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 12152-62	5.4	868



53	Engineering a new beta-cell: a critical venture requiring special attention to constantly changing physiological needs. <i>Seminars in Cell and Developmental Biology</i> , <b>2004</b> , 15, 359-70	7.5	7
52	Visceral adiposity is an independent predictor of incident hypertension in Japanese Americans. <i>Annals of Internal Medicine</i> , <b>2004</b> , 140, 992-1000	8	201
51	Increased dietary fat promotes islet amyloid formation and beta-cell secretory dysfunction in a transgenic mouse model of islet amyloid. <i>Diabetes</i> , <b>2003</b> , 52, 372-9	0.9	91
50	Visceral adiposity and the risk of impaired glucose tolerance: a prospective study among Japanese Americans. <i>Diabetes Care</i> , <b>2003</b> , 26, 650-5	14.6	171
49	Visceral adiposity and the prevalence of hypertension in Japanese Americans. <i>Circulation</i> , <b>2003</b> , 108, 1718-23	16.7	100
48	PLTP activity decreases with weight loss: changes in PLTP are associated with changes in subcutaneous fat and FFA but not IAF or insulin sensitivity. <i>Journal of Lipid Research</i> , <b>2003</b> , 44, 1705-12	6.3	32
47	Management of patients with diabetic hyperlipidemia. <i>American Journal of Cardiology</i> , <b>2003</b> , 91, 24E-28E		9
46	Look AHEAD (Action for Health in Diabetes): design and methods for a clinical trial of weight loss for the prevention of cardiovascular disease in type 2 diabetes. <i>Contemporary Clinical Trials</i> , <b>2003</b> , 24, 610-28		591
45	The atherogenic lipoprotein profile associated with obesity and insulin resistance is largely attributable to intra-abdominal fat. <i>Diabetes</i> , <b>2003</b> , 52, 172-9	0.9	215
44	Proteoglycans synthesized and secreted by pancreatic islet beta-cells bind amylin. <i>Archives of Biochemistry and Biophysics</i> , <b>2003</b> , 413, 182-90	4.1	36
43	Comparison of a clinical model, the oral glucose tolerance test, and fasting glucose for prediction of type 2 diabetes risk in Japanese Americans. <i>Diabetes Care</i> , <b>2003</b> , 26, 758-63	14.6	82
42	Effects of insulin resistance and obesity on lipoproteins and sensitivity to egg feeding. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2003</b> , 23, 1437-43	9.4	82
41	Continuous measurement of oxygen consumption by pancreatic islets. <i>Diabetes Technology and Therapeutics</i> , <b>2002</b> , 4, 661-72	8.1	79
40	A diabetes outcome progression trial (ADOPT): an international multicenter study of the comparative efficacy of rosiglitazone, glyburide, and metformin in recently diagnosed type 2 diabetes. <i>Diabetes Care</i> , <b>2002</b> , 25, 1737-43	14.6	180
39	Beta-cell function is a major contributor to oral glucose tolerance in high-risk relatives of four ethnic groups in the U.S. <i>Diabetes</i> , <b>2002</b> , 51, 2170-8	0.9	253
38	Insulin and amylin release are both diminished in first-degree relatives of subjects with type 2 diabetes. <i>Diabetes Care</i> , <b>2002</b> , 25, 292-7	14.6	31
37	Improvement of BMI, body composition, and body fat distribution with lifestyle modification in Japanese Americans with impaired glucose tolerance. <i>Diabetes Care</i> , <b>2002</b> , 25, 1504-10	14.6	56
36	The concurrent accumulation of intra-abdominal and subcutaneous fat explains the association between insulin resistance and plasma leptin concentrations: distinct metabolic effects of two fat compartments. <i>Diabetes</i> , <b>2002</b> , 51, 1005-15	0.9	311

35	Obesity, body fat distribution, insulin sensitivity and Islet beta-cell function as explanations for metabolic diversity. <i>Journal of Nutrition</i> , <b>2001</b> , 131, 354S-60S	4.1	144
34	Relationship of insulin sensitivity and ApoB levels to intra-abdominal fat in subjects with familial combined hyperlipidemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2001</b> , 21, 567-72	9.4	55
33	Importance of early phase insulin secretion to intravenous glucose tolerance in subjects with type 2 diabetes mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2001</b> , 86, 5824-9	5.6	69
32	Clinical review 135: The importance of beta-cell failure in the development and progression of type 2 diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2001</b> , 86, 4047-58	5.6	470
31	Regulation of Insulin Secretion in Vivo. <i>Growth Hormone</i> , <b>2001</b> , 109-131		4
30	Reduced pancreatic B cell compensation to the insulin resistance of aging: impact on proinsulin and insulin levels. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2000</b> , 85, 2275-80	5.6	38
29	Effect of weight loss with reduction of intra-abdominal fat on lipid metabolism in older men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2000</b> , 85, 977-82	5.6	108
28	The importance of the beta-cell in the pathogenesis of type 2 diabetes mellitus. <i>American Journal of Medicine</i> , <b>2000</b> , 108 Suppl 6a, 2S-8S	2.4	140
27	Type 2 diabetes and the metabolic syndrome in Japanese Americans. <i>Diabetes Research and Clinical Practice</i> , <b>2000</b> , 50 Suppl 2, S73-6	7.4	54
26	Reduced beta-cell function contributes to impaired glucose tolerance in dogs made obese by high-fat feeding. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>1999</b> , 277, E659-67	6	20
25	Heritability of pancreatic beta-cell function among nondiabetic members of Caucasian familial type 2 diabetic kindreds. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1999</b> , 84, 1398-403	5.6	113
24	Disproportionately elevated proinsulin levels reflect the degree of impaired B cell secretory capacity in patients with noninsulin-dependent diabetes mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1998</b> , 83, 604-8	5.6	164
23	Effect of troglitazone on B cell function, insulin sensitivity, and glycemic control in subjects with type 2 diabetes mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1998</b> , 83, 819-23	5.6	53
22	Human aging is associated with parallel reductions in insulin and amylin release. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>1998</b> , 275, E785-91	6	16
21	Des-(27-31)C-peptide. A novel secretory product of the rat pancreatic beta cell produced by truncation of proinsulin connecting peptide in secretory granules. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 27475-81	5.4	21
20	Proinsulin as a marker for the development of NIDDM in Japanese-American men. <i>Diabetes</i> , <b>1995</b> , 44, 173-9	0.9	114
19	Changes in insulin sensitivity, glucose effectiveness, and B-cell function in regularly exercising subjects. <i>Metabolism: Clinical and Experimental</i> , <b>1995</b> , 44, 1259-63	12.7	25
18	The contribution of insulin-dependent and insulin-independent glucose uptake to intravenous glucose tolerance in healthy human subjects. <i>Diabetes</i> , <b>1994</b> , 43, 587-92	0.9	108

17	The visceral adiposity syndrome in Japanese-American men. <i>Obesity</i> , <b>1994</b> , 2, 364-71		64
16	Effect of human growth hormone and insulin-like growth factor I on whole-body leucine and estimates of protein metabolism. <i>Hormone Research</i> , <b>1993</b> , 40, 92-4		7
15	Effect of heparin on insulin-glucose interactions measured by the minimal model technique: implications for reproducibility using this method. <i>Metabolism: Clinical and Experimental</i> , <b>1993</b> , 42, 353-7 <sup>12.7</sup>	12.7	37
14	Prospective evaluation of beta-cell function in insulin autoantibody-positive relatives of insulin-dependent diabetic patients. <i>Metabolism: Clinical and Experimental</i> , <b>1993</b> , 42, 482-6	12.7	10
13	Fibrinolytic response during exercise and epinephrine infusion in the same subjects. <i>Journal of the American College of Cardiology</i> , <b>1992</b> , 19, 1412-20	15.1	56
12	Effect of intensive endurance training on lipoprotein profiles in young and older men. <i>Metabolism: Clinical and Experimental</i> , <b>1992</b> , 41, 649-54	12.7	36
11	Central insulin administration reduces neuropeptide Y mRNA expression in the arcuate nucleus of food-deprived lean (Fa/Fa) but not obese (Fa/fa) Zucker rats. <i>Endocrinology</i> , <b>1991</b> , 128, 2645-7	4.8	232
10	Mechanisms for hyperglycemia in type II diabetes mellitus: therapeutic implications for sulfonylurea treatment--an update. <i>American Journal of Medicine</i> , <b>1991</b> , 90, 8S-14S	2.4	20
9	The effect of intensive endurance exercise training on body fat distribution in young and older men. <i>Metabolism: Clinical and Experimental</i> , <b>1991</b> , 40, 545-51	12.7	224
8	Disproportionately elevated proinsulin in Pima Indians with noninsulin-dependent diabetes mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1990</b> , 70, 1247-53	5.6	184
7	Treatment with a somatostatin analog decreases pancreatic B-cell and whole body sensitivity to glucose. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1990</b> , 71, 994-1002	5.6	89
6	Insulin binding to brain capillaries is reduced in genetically obese, hyperinsulinemic Zucker rats. <i>Peptides</i> , <b>1990</b> , 11, 467-72	3.8	91
5	Islet dysfunction in non-insulin-dependent diabetes mellitus. <i>American Journal of Medicine</i> , <b>1988</b> , 85, 4-8	2.4	20
4	Transfemoral embolectomy for massive pulmonary embolus and associated myocardial infarction. <i>American Heart Journal</i> , <b>1987</b> , 113, 819-20	4.9	5
3	Superior vena caval obstruction secondary to acute dissecting aneurysm of the aorta. <i>American Heart Journal</i> , <b>1986</b> , 111, 606-8	4.9	17
2	Low-dose streptokinase therapy for Swan-Ganz catheter-induced thrombosis. <i>American Heart Journal</i> , <b>1985</b> , 110, 891-3	4.9	8
1	Importance of Early Phase Insulin Secretion to Intravenous Glucose Tolerance in Subjects with Type 2 Diabetes Mellitus		32