

# Robert L Hanson

## List of Publications by Citations

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269  
papers

18,317  
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72  
h-index

127  
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277  
ext. papers

20,340  
ext. citations

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avg, IF

5.96  
L-index

#	Paper	IF	Citations
269	Intrauterine exposure to diabetes conveys risks for type 2 diabetes and obesity: a study of discordant sibships. <i>Diabetes</i> , <b>2000</b> , 49, 2208-11	0.9	910
268	Adiponectin and development of type 2 diabetes in the Pima Indian population. <i>Lancet, The</i> , <b>2002</b> , 360, 57-8	40	904
267	Childhood obesity, other cardiovascular risk factors, and premature death. <i>New England Journal of Medicine</i> , <b>2010</b> , 362, 485-93	59.2	903
266	Components of the "metabolic syndrome" and incidence of type 2 diabetes. <i>Diabetes</i> , <b>2002</b> , 51, 3120-7	0.9	456
265	An autosomal genomic scan for loci linked to type II diabetes mellitus and body-mass index in Pima Indians. <i>American Journal of Human Genetics</i> , <b>1998</b> , 63, 1130-8	11	432
264	The 1997 American Diabetes Association and 1999 World Health Organization criteria for hyperglycemia in the diagnosis and prediction of diabetes. <i>Diabetes Care</i> , <b>2000</b> , 23, 1108-12	14.6	388
263	Evaluation of simple indices of insulin sensitivity and insulin secretion for use in epidemiologic studies. <i>American Journal of Epidemiology</i> , <b>2000</b> , 151, 190-8	3.8	379
262	The transcriptional landscape of age in human peripheral blood. <i>Nature Communications</i> , <b>2015</b> , 6, 8570	17.4	335
261	Increasing prevalence of Type II diabetes in American Indian children. <i>Diabetologia</i> , <b>1998</b> , 41, 904-10	10.3	329
260	Evidence for genetic linkage to alcohol dependence on chromosomes 4 and 11 from an autosome-wide scan in an American Indian population. <i>American Journal of Medical Genetics Part A</i> , <b>1998</b> , 81, 216-21		303
259	Periodontal disease and mortality in type 2 diabetes. <i>Diabetes Care</i> , <b>2005</b> , 28, 27-32	14.6	299
258	Sib-pair linkage analysis for susceptibility genes for microvascular complications among Pima Indians with type 2 diabetes. Pima Diabetes Genes Group. <i>Diabetes</i> , <b>1998</b> , 47, 821-30	0.9	282
257	Inflammatory markers, adiponectin, and risk of type 2 diabetes in the Pima Indian. <i>Diabetes Care</i> , <b>2003</b> , 26, 1745-51	14.6	279
256	Breastfeeding and incidence of non-insulin-dependent diabetes mellitus in Pima Indians. <i>Lancet, The</i> , <b>1997</b> , 350, 166-8	40	253
255	Association between uncoupling protein polymorphisms (UCP2-UCP3) and energy metabolism/obesity in Pima Indians. <i>Human Molecular Genetics</i> , <b>1998</b> , 7, 1431-5	5.6	230
254	A calpain-10 gene polymorphism is associated with reduced muscle mRNA levels and insulin resistance. <i>Journal of Clinical Investigation</i> , <b>2000</b> , 106, R69-73	15.9	216
253	A high fasting plasma insulin concentration predicts type 2 diabetes independent of insulin resistance: evidence for a pathogenic role of relative hyperinsulinemia. <i>Diabetes</i> , <b>2000</b> , 49, 2094-101	0.9	212

252	Birth weight, type 2 diabetes, and insulin resistance in Pima Indian children and young adults. <i>Diabetes Care</i> , <b>1999</b> , 22, 944-50	14.6	202
251	Common variants in 40 genes assessed for diabetes incidence and response to metformin and lifestyle intervention in the diabetes prevention program. <i>Diabetes</i> , <b>2010</b> , 59, 2672-81	0.9	200
250	Gestational glucose tolerance and risk of type 2 diabetes in young Pima Indian offspring. <i>Diabetes</i> , <b>2006</b> , 55, 460-5	0.9	180
249	Relation of central adiposity and body mass index to the development of diabetes in the Diabetes Prevention Program. <i>American Journal of Clinical Nutrition</i> , <b>2008</b> , 87, 1212-8	7	177
248	New susceptibility loci associated with kidney disease in type 1 diabetes. <i>PLoS Genetics</i> , <b>2012</b> , 8, e1002921	21	176
247	Autosomal genomic scan for loci linked to obesity and energy metabolism in Pima Indians. <i>American Journal of Human Genetics</i> , <b>1998</b> , 62, 659-68	11	172
246	An autosomal genomic scan for loci linked to prediabetic phenotypes in Pima Indians. <i>Journal of Clinical Investigation</i> , <b>1998</b> , 101, 1757-64	15.9	169
245	Type 2 diabetes and low birth weight: the role of paternal inheritance in the association of low birth weight and diabetes. <i>Diabetes</i> , <b>2000</b> , 49, 445-9	0.9	160
244	Plasma glucose and prediction of microvascular disease and mortality: evaluation of 1997 American Diabetes Association and 1999 World Health Organization criteria for diagnosis of diabetes. <i>Diabetes Care</i> , <b>2000</b> , 23, 1113-8	14.6	157
243	Identification of PVT1 as a candidate gene for end-stage renal disease in type 2 diabetes using a pooling-based genome-wide single nucleotide polymorphism association study. <i>Diabetes</i> , <b>2007</b> , 56, 975-83	0.9	156
242	Physical activity, obesity, and the incidence of type 2 diabetes in a high-risk population. <i>American Journal of Epidemiology</i> , <b>2003</b> , 158, 669-75	3.8	152
241	The interleukin-6 (-174) G/C promoter polymorphism is associated with type-2 diabetes mellitus in Native Americans and Caucasians. <i>Human Genetics</i> , <b>2003</b> , 112, 409-13	6.3	145
240	Rheumatoid arthritis and mortality. A longitudinal study in Pima Indians. <i>Arthritis and Rheumatism</i> , <b>1993</b> , 36, 1045-53		139
239	Heritability of the severity of diabetic retinopathy: the FIND-Eye study <b>2008</b> , 49, 3839-45		133
238	Body mass index as a measure of adiposity in children and adolescents: relationship to adiposity by dual energy x-ray absorptiometry and to cardiovascular risk factors. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2001</b> , 86, 4061-7	5.6	129
237	Do measures of body fat distribution provide information on the risk of type 2 diabetes in addition to measures of general obesity? Comparison of anthropometric predictors of type 2 diabetes in Pima Indians. <i>Diabetes Care</i> , <b>2003</b> , 26, 2556-61	14.6	128
236	Genome-wide scans for diabetic nephropathy and albuminuria in multiethnic populations: the family investigation of nephropathy and diabetes (FIND). <i>Diabetes</i> , <b>2007</b> , 56, 1577-85	0.9	125
235	Childhood predictors of young-onset type 2 diabetes. <i>Diabetes</i> , <b>2007</b> , 56, 2964-72	0.9	123

234	Meta-analysis of genome-wide linkage studies in BMI and obesity. <i>Obesity</i> , <b>2007</b> , 15, 2263-75	8	122
233	Gene for susceptibility to diabetic nephropathy in type 2 diabetes maps to 18q22.3-23. <i>Kidney International</i> , <b>2002</b> , 62, 2176-83	9.9	121
232	Association analysis of variation in/near FTO, CDKAL1, SLC30A8, HHEX, EXT2, IGF2BP2, LOC387761, and CDKN2B with type 2 diabetes and related quantitative traits in Pima Indians. <i>Diabetes</i> , <b>2009</b> , 58, 478-88	0.9	120
231	A genomewide single-nucleotide-polymorphism panel for Mexican American admixture mapping. <i>American Journal of Human Genetics</i> , <b>2007</b> , 80, 1014-23	11	113
230	Ethnic-difference markers for use in mapping by admixture linkage disequilibrium. <i>American Journal of Human Genetics</i> , <b>2002</b> , 70, 737-50	11	113
229	Adiponectin concentrations are influenced by renal function and diabetes duration in Pima Indians with type 2 diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2004</b> , 89, 4010-7	5.6	111
228	Prediction of diabetic nephropathy using urine proteomic profiling 10 years prior to development of nephropathy. <i>Diabetes Care</i> , <b>2007</b> , 30, 638-43	14.6	106
227	The effect of salsalate on insulin action and glucose tolerance in obese non-diabetic patients: results of a randomised double-blind placebo-controlled study. <i>Diabetologia</i> , <b>2009</b> , 52, 385-93	10.3	102
226	Incidence of retinopathy and nephropathy in youth-onset compared with adult-onset type 2 diabetes. <i>Diabetes Care</i> , <b>2003</b> , 26, 76-81	14.6	102
225	Genome-wide linkage analysis assessing parent-of-origin effects in the inheritance of type 2 diabetes and BMI in Pima Indians. <i>Diabetes</i> , <b>2001</b> , 50, 2850-7	0.9	98
224	Individual estimates of European genetic admixture associated with lower body-mass index, plasma glucose, and prevalence of type 2 diabetes in Pima Indians. <i>American Journal of Human Genetics</i> , <b>2000</b> , 66, 527-38	11	95
223	Albuminuria and estimated glomerular filtration rate as predictors of diabetic end-stage renal disease and death. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , <b>2011</b> , 6, 2444-51	6.9	94
222	Changes in BMI and weight before and after the development of type 2 diabetes. <i>Diabetes Care</i> , <b>2001</b> , 24, 1917-22	14.6	94
221	Genome-wide linkage analyses to identify Loci for diabetic retinopathy. <i>Diabetes</i> , <b>2007</b> , 56, 1160-6	0.9	92
220	Glucose, insulin concentrations and obesity in childhood and adolescence as predictors of NIDDM. <i>Diabetologia</i> , <b>1994</b> , 37, 617-23	10.3	92
219	IL6 gene promoter polymorphisms and type 2 diabetes: joint analysis of individual participantsO data from 21 studies. <i>Diabetes</i> , <b>2006</b> , 55, 2915-21	0.9	91
218	Secular trends in birth weight, BMI, and diabetes in the offspring of diabetic mothers. <i>Diabetes Care</i> , <b>2000</b> , 23, 1249-54	14.6	91
217	Large meta-analysis of genome-wide association studies identifies five loci for lean body mass. <i>Nature Communications</i> , <b>2017</b> , 8, 80	17.4	88

216	Changing patterns of type 2 diabetes incidence among Pima Indians. <i>Diabetes Care</i> , <b>2007</b> , 30, 1758-63	14.6	88
215	Mexican American ancestry-informative markers: examination of population structure and marker characteristics in European Americans, Mexican Americans, Amerindians and Asians. <i>Human Genetics</i> , <b>2004</b> , 114, 263-71	6.3	87
214	Extension of type 2 diabetes genome-wide association scan results in the diabetes prevention program. <i>Diabetes</i> , <b>2008</b> , 57, 2503-10	0.9	86
213	Body size and shape changes and the risk of diabetes in the diabetes prevention program. <i>Diabetes</i> , <b>2007</b> , 56, 1680-5	0.9	86
212	The Gln223Arg polymorphism of the leptin receptor in Pima Indians: influence on energy expenditure, physical activity and lipid metabolism. <i>International Journal of Obesity</i> , <b>2002</b> , 26, 1629-32	5.5	85
211	Incidence and determinants of elevated urinary albumin excretion in Pima Indians with NIDDM. <i>Diabetes Care</i> , <b>1995</b> , 18, 182-7	14.6	85
210	Genome-Wide Association and Trans-ethnic Meta-Analysis for Advanced Diabetic Kidney Disease: Family Investigation of Nephropathy and Diabetes (FIND). <i>PLoS Genetics</i> , <b>2015</b> , 11, e1005352	6	84
209	Genome-wide linkage analysis of serum adiponectin in the Pima Indian population. <i>Diabetes</i> , <b>2003</b> , 52, 2419-25	0.9	84
208	Decreasing incidence and prevalence of rheumatoid arthritis in Pima Indians over a twenty-five-year period. <i>Arthritis and Rheumatism</i> , <b>1994</b> , 37, 1158-65		84
207	Habitual physical activity in children: the role of genes and the environment. <i>American Journal of Clinical Nutrition</i> , <b>2005</b> , 82, 901-8	7	83
206	A search for variants associated with young-onset type 2 diabetes in American Indians in a 100K genotyping array. <i>Diabetes</i> , <b>2007</b> , 56, 3045-52	0.9	79
205	Genetic studies of the etiology of type 2 diabetes in Pima Indians: hunting for pieces to a complicated puzzle. <i>Diabetes</i> , <b>2004</b> , 53, 1181-6	0.9	78
204	Homocysteine as a risk factor for nephropathy and retinopathy in Type 2 diabetes. <i>Diabetologia</i> , <b>2003</b> , 46, 766-72	10.3	78
203	A C-reactive protein promoter polymorphism is associated with type 2 diabetes mellitus in Pima Indians. <i>Molecular Genetics and Metabolism</i> , <b>2003</b> , 78, 136-44	3.7	78
202	Both subcutaneous and visceral adipose tissue correlate highly with insulin resistance in african americans. <i>Obesity</i> , <b>2004</b> , 12, 1352-9		77
201	Rate of weight gain, weight fluctuation, and incidence of NIDDM. <i>Diabetes</i> , <b>1995</b> , 44, 261-6	0.9	77
200	Genome-wide scan for estimated glomerular filtration rate in multi-ethnic diabetic populations: the Family Investigation of Nephropathy and Diabetes (FIND). <i>Diabetes</i> , <b>2008</b> , 57, 235-43	0.9	75
199	Common Polymorphisms in the Adiponectin Gene ACDC Are Not Associated With Diabetes in Pima Indians. <i>Diabetes</i> , <b>2005</b> , 54, 284-9	0.9	75

198	Segregation analysis of diabetic nephropathy in Pima Indians. <i>Diabetes</i> , <b>2000</b> , 49, 1049-56	0.9	74
197	Diagnosing diabetes mellitus--do we need new criteria?. <i>Diabetologia</i> , <b>1997</b> , 40, 247-55	10.3	71
196	Determinants of end-stage renal disease in Pima Indians with type 2 (non-insulin-dependent) diabetes mellitus and proteinuria. <i>Diabetologia</i> , <b>1993</b> , 36, 1087-93	10.3	71
195	A Genome-Wide Association Study of IVGTT-Based Measures of First-Phase Insulin Secretion Refines the Underlying Physiology of Type 2 Diabetes Variants. <i>Diabetes</i> , <b>2017</b> , 66, 2296-2309	0.9	69
194	Association of urinary KIM-1, L-FABP, NAG and NGAL with incident end-stage renal disease and mortality in American Indians with type 2 diabetes mellitus. <i>Diabetologia</i> , <b>2015</b> , 58, 188-98	10.3	68
193	Higher prevalence of type 2 diabetes, metabolic syndrome and cardiovascular diseases in gypsies than in non-gypsies in Slovakia. <i>Diabetes Research and Clinical Practice</i> , <b>2003</b> , 62, 95-103	7.4	66
192	A locus influencing total serum cholesterol on chromosome 19p: results from an autosomal genomic scan of serum lipid concentrations in Pima Indians. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2000</b> , 20, 2651-6	9.4	65
191	Assessment of parent-of-origin effects in linkage analysis of quantitative traits. <i>American Journal of Human Genetics</i> , <b>2001</b> , 68, 951-62	11	65
190	Progression to type 2 diabetes characterized by moderate then rapid glucose increases. <i>Diabetes</i> , <b>2007</b> , 56, 2054-61	0.9	64
189	TCF7L2 is not a major susceptibility gene for type 2 diabetes in Pima Indians: analysis of 3,501 individuals. <i>Diabetes</i> , <b>2007</b> , 56, 3082-8	0.9	64
188	Genome-wide linkage analysis assessing parent-of-origin effects in the inheritance of birth weight. <i>Human Genetics</i> , <b>2002</b> , 110, 503-9	6.3	63
187	The Pro12Ala variant at the peroxisome proliferator-activated receptor gamma gene and change in obesity-related traits in the Diabetes Prevention Program. <i>Diabetologia</i> , <b>2007</b> , 50, 2451-60	10.3	62
186	Subcutaneous abdominal adipocyte size, a predictor of type 2 diabetes, is linked to chromosome 1q21--q23 and is associated with a common polymorphism in LMNA in Pima Indians. <i>Molecular Genetics and Metabolism</i> , <b>2001</b> , 72, 231-8	3.7	62
185	Effect of losartan on prevention and progression of early diabetic nephropathy in American Indians with type 2 diabetes. <i>Diabetes</i> , <b>2013</b> , 62, 3224-31	0.9	61
184	The insulin gene variable number tandem repeat class I/III polymorphism is in linkage disequilibrium with birth weight but not Type 2 diabetes in the Pima population. <i>Diabetes</i> , <b>2003</b> , 52, 187-93	0.9	60
183	Comparison of World Health Organization and National Diabetes Data Group procedures to detect abnormalities of glucose tolerance during pregnancy. <i>Diabetes Care</i> , <b>1994</b> , 17, 1264-8	14.6	60
182	Interaction between an 11betaHSD1 gene variant and birth era modifies the risk of hypertension in Pima Indians. <i>Hypertension</i> , <b>2004</b> , 44, 681-8	8.5	55
181	Association of physical activity and serum insulin concentrations in two populations at high risk for type 2 diabetes but differing by BMI. <i>Diabetes Care</i> , <b>2001</b> , 24, 1175-80	14.6	55

180	The U-shaped association between body mass index and mortality: relationship with weight gain in a Native American population. <i>Journal of Clinical Epidemiology</i> , <b>1995</b> , 48, 903-16	5.7	55
179	Genome-wide Association Study of Platelet Count Identifies Ancestry-Specific Loci in Hispanic/Latino Americans. <i>American Journal of Human Genetics</i> , <b>2016</b> , 98, 229-42	11	54
178	HbA1c and the Prediction of Type 2 Diabetes in Children and Adults. <i>Diabetes Care</i> , <b>2017</b> , 40, 16-21	14.6	54
177	Gamma globulin levels predict type 2 diabetes in the Pima Indian population. <i>Diabetes</i> , <b>2001</b> , 50, 1598-603	10.3	54
176	SIRT1 is associated with a decrease in acute insulin secretion and a sex specific increase in risk for type 2 diabetes in Pima Indians. <i>Molecular Genetics and Metabolism</i> , <b>2011</b> , 104, 661-5	3.7	53
175	Glycated haemoglobin, plasma glucose and diabetic retinopathy: cross-sectional and prospective analyses. <i>Diabetologia</i> , <b>1993</b> , 36, 428-32	10.3	53
174	The role of insulin receptor substrate-1 gene (IRS1) in type 2 diabetes in Pima Indians. <i>Diabetes</i> , <b>2003</b> , 52, 3005-9	0.9	52
173	Strong parent-of-origin effects in the association of KCNQ1 variants with type 2 diabetes in American Indians. <i>Diabetes</i> , <b>2013</b> , 62, 2984-91	0.9	51
172	Genetic variation in UCP2 (uncoupling protein-2) is associated with energy metabolism in Pima Indians. <i>Diabetologia</i> , <b>2005</b> , 48, 2292-5	10.3	51
171	Joint swelling as a predictor of death from cardiovascular disease in a population study of Pima Indians. <i>Arthritis and Rheumatism</i> , <b>2001</b> , 44, 1170-6		50
170	Association of dopamine D2 receptor polymorphisms Ser311Cys and Taq1A with obesity or type 2 diabetes mellitus in Pima Indians. <i>International Journal of Obesity</i> , <b>2000</b> , 24, 1233-8	5.5	50
169	Differential methylation of genes in individuals exposed to maternal diabetes in utero. <i>Diabetologia</i> , <b>2017</b> , 60, 645-655	10.3	49
168	A genome-wide association study in American Indians implicates DNER as a susceptibility locus for type 2 diabetes. <i>Diabetes</i> , <b>2014</b> , 63, 369-76	0.9	49
167	Genomewide linkage scan for diabetic renal failure and albuminuria: the FIND study. <i>American Journal of Nephrology</i> , <b>2011</b> , 33, 381-9	4.6	48
166	Comparison of body size measurements as predictors of NIDDM in Pima Indians. <i>Diabetes Care</i> , <b>1995</b> , 18, 435-9	14.6	48
165	Greater impact of melanocortin-4 receptor deficiency on rates of growth and risk of type 2 diabetes during childhood compared with adulthood in Pima Indians. <i>Diabetes</i> , <b>2012</b> , 61, 250-7	0.9	46
164	Longitudinal studies of incidence and progression of diabetic retinopathy assessed by retinal photography in pima indians. <i>Diabetes Care</i> , <b>2003</b> , 26, 320-6	14.6	46
163	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

162	Lower metabolic rate in individuals heterozygous for either a frameshift or a functional missense MC4R variant. <i>Diabetes</i> , <b>2008</b> , 57, 3267-72	0.9	45
161	A novel missense substitution (Val1483Ile) in the fatty acid synthase gene (FAS) is associated with percentage of body fat and substrate oxidation rates in nondiabetic Pima Indians. <i>Diabetes</i> , <b>2004</b> , 53, 1915-9	0.9	45
160	Potential epigenetic dysregulation of genes associated with MODY and type 2 diabetes in humans exposed to a diabetic intrauterine environment: an analysis of genome-wide DNA methylation. <i>Metabolism: Clinical and Experimental</i> , <b>2014</b> , 63, 654-60	12.7	44
159	Variants in hepatocyte nuclear factor 4alpha are modestly associated with type 2 diabetes in Pima Indians. <i>Diabetes</i> , <b>2005</b> , 54, 3035-9	0.9	43
158	Variations in peptide YY and Y2 receptor genes are associated with severe obesity in Pima Indian men. <i>Diabetes</i> , <b>2005</b> , 54, 1598-602	0.9	43
157	Novel polymorphisms in the neuropeptide-Y Y5 receptor associated with obesity in Pima Indians. <i>International Journal of Obesity</i> , <b>2000</b> , 24, 580-4	5.5	43
156	The effect of Indian or Anglo dietary preference on the incidence of diabetes in Pima Indians. <i>Diabetes Care</i> , <b>2001</b> , 24, 811-6	14.6	41
155	Common variation in SIM1 is reproducibly associated with BMI in Pima Indians. <i>Diabetes</i> , <b>2009</b> , 58, 1682-9	0.9	40
154	The relationship of menstrual irregularity to type 2 diabetes in Pima Indian women. <i>Diabetes Care</i> , <b>1998</b> , 21, 346-9	14.6	40
153	Preventing non-insulin-dependent diabetes. <i>Diabetes</i> , <b>1995</b> , 44, 483-488	0.9	40
152	Plasma concentrations of macrophage migration inhibitory factor are elevated in Pima Indians compared to Caucasians and are associated with insulin resistance. <i>Diabetologia</i> , <b>2002</b> , 45, 1739-41	10.3	39
151	Alcohol consumption predicts hypertension but not diabetes. <i>Journal of Studies on Alcohol and Drugs</i> , <b>2004</b> , 65, 184-90		39
150	Metabolic effects of the Gly1057Asp polymorphism in IRS-2 and interactions with obesity. <i>Diabetes</i> , <b>2003</b> , 52, 1544-50	0.9	38
149	ABCC8 R1420H Loss-of-Function Variant in a Southwest American Indian Community: Association With Increased Birth Weight and Doubled Risk of Type 2 Diabetes. <i>Diabetes</i> , <b>2015</b> , 64, 4322-32	0.9	37
148	Analysis of the association between diabetic nephropathy and polymorphisms in the aldose reductase gene in Type 1 and Type 2 diabetes mellitus. <i>Diabetic Medicine</i> , <b>2001</b> , 18, 906-14	3.5	37
147	Family and genetic studies of indices of insulin sensitivity and insulin secretion in Pima Indians. <i>Diabetes/Metabolism Research and Reviews</i> , <b>2001</b> , 17, 296-303	7.5	37
146	ELMO1 variants and susceptibility to diabetic nephropathy in American Indians. <i>Molecular Genetics and Metabolism</i> , <b>2010</b> , 101, 383-90	3.7	36
145	Predictive power of sequential measures of albuminuria for progression to ESRD or death in Pima Indians with type 2 diabetes. <i>American Journal of Kidney Diseases</i> , <b>2008</b> , 51, 759-66	7.4	36



144	Genetics of diabetic nephropathy in the Pima Indians. <i>Current Diabetes Reports</i> , <b>2001</b> , 1, 275-81	5.6	36
143	Evaluation of A2BP1 as an obesity gene. <i>Diabetes</i> , <b>2010</b> , 59, 2837-45	0.9	35
142	Plasma lipoproteins and incidence of non-insulin-dependent diabetes mellitus in Pima Indians: protective effect of HDL cholesterol in women. <i>Atherosclerosis</i> , <b>1997</b> , 128, 113-9	3.1	35
141	Weight, adiposity, and physical activity as determinants of an insulin sensitivity index in pima Indian children. <i>Diabetes Care</i> , <b>2003</b> , 26, 2524-30	14.6	35
140	Variant in the regulatory subunit of phosphatidylinositol 3-kinase (p85alpha): preliminary evidence indicates a potential role of this variant in the acute insulin response and type 2 diabetes in Pima women. <i>Diabetes</i> , <b>1998</b> , 47, 973-5	0.9	35
139	Diabetic nephropathy: a risk factor for diabetes mellitus in offspring. <i>Diabetologia</i> , <b>1995</b> , 38, 221-6	10.3	35
138	Variation within the gene encoding the upstream stimulatory factor 1 does not influence susceptibility to type 2 diabetes in samples from populations with replicated evidence of linkage to chromosome 1q. <i>Diabetes</i> , <b>2006</b> , 55, 2541-8	0.9	33
137	A Loss-of-Function Splice Acceptor Variant in Is Protective for Type 2 Diabetes. <i>Diabetes</i> , <b>2017</b> , 66, 2903-2914	2.9	32
136	Meprin beta metalloprotease gene polymorphisms associated with diabetic nephropathy in the Pima Indians. <i>Human Genetics</i> , <b>2005</b> , 118, 12-22	6.3	32
135	Familial and metabolic factors related to blood pressure in Pima Indian children. <i>American Journal of Epidemiology</i> , <b>1994</b> , 140, 123-31	3.8	32
134	Which test for diagnosing diabetes?. <i>Diabetes Care</i> , <b>1995</b> , 18, 1042-4	14.6	32
133	Higher energy expenditure in humans predicts natural mortality. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2011</b> , 96, E972-6	5.6	31
132	Early excess weight gain of children in the Pima Indian population. <i>Pediatrics</i> , <b>2002</b> , 109, E33	7.4	31
131	Kidney cytosine methylation changes improve renal function decline estimation in patients with diabetic kidney disease. <i>Nature Communications</i> , <b>2019</b> , 10, 2461	17.4	30
130	A trans-ancestral meta-analysis of genome-wide association studies reveals loci associated with childhood obesity. <i>Human Molecular Genetics</i> , <b>2019</b> , 28, 3327-3338	5.6	30
129	A cross-sectional and longitudinal comparison of the Rome criteria for active rheumatoid arthritis (equivalent to the American College of Rheumatology 1958 criteria) and the American College of Rheumatology 1987 criteria for rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , <b>1994</b> , 37, 1479-86		30
128	One-hour and two-hour postload plasma glucose concentrations are comparable predictors of type 2 diabetes mellitus in Southwestern Native Americans. <i>Diabetologia</i> , <b>2017</b> , 60, 1704-1711	10.3	29
127	Physical activity levels in American-Indian adults: the Strong Heart Family Study. <i>American Journal of Preventive Medicine</i> , <b>2009</b> , 37, 481-7	6.1	29

126	Variants in ARHGEF11, a candidate gene for the linkage to type 2 diabetes on chromosome 1q, are nominally associated with insulin resistance and type 2 diabetes in Pima Indians. <i>Diabetes</i> , <b>2007</b> , 56, 1454-9	0.9	29
125	Comparison of screening tests for non-insulin-dependent diabetes mellitus. <i>Archives of Internal Medicine</i> , <b>1993</b> , 153, 2133-2140		29
124	Environmentally Driven Increases in Type 2 Diabetes and Obesity in Pima Indians and Non-Pimas in Mexico Over a 15-Year Period: The Maycoba Project. <i>Diabetes Care</i> , <b>2015</b> , 38, 2075-82	14.6	28
123	Whole exome sequencing identifies variation in CYB5A and RNF10 associated with adiposity and type 2 diabetes. <i>Obesity</i> , <b>2014</b> , 22, 984-8	8	28
122	HLA-DRB1 reduces the risk of type 2 diabetes mellitus by increased insulin secretion. <i>Diabetologia</i> , <b>2011</b> , 54, 1684-92	10.3	28
121	Parental hypertension and proteinuria in Pima Indians with NIDDM. <i>Diabetologia</i> , <b>1996</b> , 39, 433-8	10.3	28
120	Associations between persistent organic pollutants, type 2 diabetes, diabetic nephropathy and mortality. <i>Occupational and Environmental Medicine</i> , <b>2017</b> , 74, 521-527	2.1	27
119	Cytosine methylation predicts renal function decline in American Indians. <i>Kidney International</i> , <b>2018</b> , 93, 1417-1431	9.9	27
118	Common genetic variation in the glucokinase gene (GCK) is associated with type 2 diabetes and rates of carbohydrate oxidation and energy expenditure. <i>Diabetologia</i> , <b>2014</b> , 57, 1382-90	10.3	27
117	Comparison of serum cystatin C, serum creatinine, measured GFR, and estimated GFR to assess the risk of kidney failure in American Indians with diabetic nephropathy. <i>American Journal of Kidney Diseases</i> , <b>2013</b> , 62, 33-41	7.4	27
116	A genome-wide association study of BMI in American Indians. <i>Obesity</i> , <b>2011</b> , 19, 2102-6	8	27
115	Variants in ACAD10 are associated with type 2 diabetes, insulin resistance and lipid oxidation in Pima Indians. <i>Diabetologia</i> , <b>2010</b> , 53, 1349-53	10.3	27
114	Variants in the Ca V 2.3 (alpha 1E) subunit of voltage-activated Ca <sup>2+</sup> channels are associated with insulin resistance and type 2 diabetes in Pima Indians. <i>Diabetes</i> , <b>2007</b> , 56, 3089-94	0.9	27
113	Common variation in the LMNA gene (encoding lamin A/C) and type 2 diabetes: association analyses in 9,518 subjects. <i>Diabetes</i> , <b>2007</b> , 56, 879-83	0.9	27
112	Meta-analysis of genome-wide linkage studies of quantitative lipid traits in families ascertained for type 2 diabetes. <i>Diabetes</i> , <b>2007</b> , 56, 890-6	0.9	27
111	An autosomal genomic scan for loci linked to plasma leptin concentration in Pima Indians. <i>International Journal of Obesity</i> , <b>2000</b> , 24, 559-65	5.5	26
110	The Arg59Trp variant in ANGPTL8 (betatrophin) is associated with total and HDL-cholesterol in American Indians and Mexican Americans and differentially affects cleavage of ANGPTL3. <i>Molecular Genetics and Metabolism</i> , <b>2016</b> , 118, 128-37	3.7	26
109	Bimodal distribution of RNA expression levels in human skeletal muscle tissue. <i>BMC Genomics</i> , <b>2011</b> , 12, 98	4.5	25

108	Early and late insulin response as predictors of NIDDM in Pima Indians with impaired glucose tolerance. <i>Diabetologia</i> , <b>1995</b> , 38, 187-92	10.3	25
107	Gravidity, obesity, and non-insulin-dependent diabetes among Pima Indian women. <i>American Journal of Medicine</i> , <b>1994</b> , 97, 250-5	2.4	25
106	Analysis of the lamin A/C gene as a candidate for type II diabetes susceptibility in Pima Indians. <i>Diabetologia</i> , <b>2001</b> , 44, 779-82	10.3	24
105	Role of Established Type 2 Diabetes-Susceptibility Genetic Variants in a High Prevalence American Indian Population. <i>Diabetes</i> , <b>2015</b> , 64, 2646-57	0.9	23
104	A genome-wide search for linkage of estimated glomerular filtration rate (eGFR) in the Family Investigation of Nephropathy and Diabetes (FIND). <i>PLoS ONE</i> , <b>2013</b> , 8, e81888	3.7	23
103	Linkage disequilibrium mapping of the replicated type 2 diabetes linkage signal on chromosome 1q. <i>Diabetes</i> , <b>2009</b> , 58, 1704-9	0.9	23
102	Validity of the CAGE questionnaire in an American Indian population. <i>Journal of Studies on Alcohol and Drugs</i> , <b>2001</b> , 62, 294-300		23
101	HDL cholesterol subfractions and risk of developing type 2 diabetes among Pima Indians. <i>Diabetes Care</i> , <b>1999</b> , 22, 271-4	14.6	23
100	Familial relationships between obesity and NIDDM. <i>Diabetes</i> , <b>1995</b> , 44, 418-22	0.9	23
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98	Racial/ethnic differences in the burden of type 2 diabetes over the life course: a focus on the USA and India. <i>Diabetologia</i> , <b>2019</b> , 62, 1751-1760	10.3	21
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95	A two-step strategy for identification of high-risk subjects for a clinical trial of prevention of NIDDM. <i>Diabetes Care</i> , <b>1996</b> , 19, 972-8	14.6	20
94	Variants in the gene encoding aldose reductase (AKR1B1) and diabetic nephropathy in American Indians. <i>Diabetic Medicine</i> , <b>2006</b> , 23, 367-76	3.5	20
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89	Predictive value of albuminuria in American Indian youth with or without type 2 diabetes. <i>Pediatrics</i> , <b>2010</b> , 125, e844-51	7.4	19
88	Homocysteine and vitamin B(12) concentrations and mortality rates in type 2 diabetes. <i>Diabetes/Metabolism Research and Reviews</i> , <b>2007</b> , 23, 193-201	7.5	19
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80	Admixture mapping in the Hispanic Community Health Study/Study of Latinos reveals regions of genetic associations with blood pressure traits. <i>PLoS ONE</i> , <b>2017</b> , 12, e0188400	3.7	17
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75	Association of CREBRF variants with obesity and diabetes in Pacific Islanders from Guam and Saipan. <i>Diabetologia</i> , <b>2019</b> , 62, 1647-1652	10.3	15
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72	Effect of intrauterine diabetes exposure on the incidence of end-stage renal disease in young adults with type 2 diabetes. <i>Diabetes Care</i> , <b>2010</b> , 33, 2396-8	14.6	15
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67	Plasma glucose regulation and mortality in pima Indians. <i>Diabetes Care</i> , <b>2008</b> , 31, 488-92	14.6	14
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55	Use of a High-Density Protein Microarray to Identify Autoantibodies in Subjects with Type 2 Diabetes Mellitus and an HLA Background Associated with Reduced Insulin Secretion. <i>PLoS ONE</i> , <b>2015</b> , 10, e0143551	3.7	11

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52	Weight maintenance from young adult weight predicts better health outcomes. <i>Obesity</i> , <b>2014</b> , 22, 2361-9		10
51	Growth Tracking in Severely Obese or Underweight Children. <i>Pediatrics</i> , <b>2017</b> , 140,	7.4	10
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33	Assessing FOXO1A as a potential susceptibility locus for type 2 diabetes and obesity in American Indians. <i>Obesity</i> , <b>2015</b> , 23, 1960-5	8	6
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14	Evidence for a Role of LPGAT1 in Influencing BMI and Percent Body Fat in Native Americans. <i>Obesity</i> ,	8	2
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12	Incidence of diabetes in South Asian young adults compared to Pima Indians. <i>BMJ Open Diabetes Research and Care</i> , <b>2021</b> , 9,	4.5	2
11	Selecting SNPs informative for African, American Indian and European Ancestry: application to the Family Investigation of Nephropathy and Diabetes (FIND). <i>BMC Genomics</i> , <b>2016</b> , 17, 325	4.5	1
10	Non-Caucasian North American Populations: Native Americans	181-194	1
9	Exome Sequencing Identifies A Nonsense Variant in DAO Associated With Reduced Energy Expenditure in American Indians. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2020</b> , 105,	5.6	1
8	Further evidence supporting a potential role for ADH1B in obesity. <i>Scientific Reports</i> , <b>2021</b> , 11, 1932	4.9	1
7	Family and genetic studies of indices of insulin sensitivity and insulin secretion in Pima Indians	2001, 17, 296	1
6	A missense variant Arg611Cys in LIPE which encodes hormone sensitive lipase decreases lipolysis and increases risk of type 2 diabetes in American Indians. <i>Diabetes/Metabolism Research and Reviews</i> , <b>2021</b> , e3504	7.5	0
5	Exome Sequencing of 21 Bardet-Biedl Syndrome (BBS) Genes to Identify Obesity Variants in 6,851 American Indians. <i>Obesity</i> , <b>2021</b> , 29, 748-754	8	0
4	Low Serum Insulinlike Growth Factor Levels Correlate with High BMI in American Indian Adults. <i>Obesity</i> , <b>2020</b> , 28, 676-682	8	
3	Epidemiology of Type 2 Diabetes in Indigenous Communities in the United States. <i>Current Diabetes Reports</i> , <b>2021</b> , 21, 47	5.6	
2	Association Studies to Map Genes for Disease-Related Traits in Humans	2015, 53-66	
1	Next generation sequencing for HLA loci in full heritage Pima Indians of Arizona, Part II: HLA-A, -B, and -C with selected non-classical loci at 4-field resolution from whole genome sequences. <i>Human Immunology</i> , <b>2021</b> , 82, 385-403	2.3	



