Struan F A Grant

List of Publications by Citations

250 papers	22,927 citations	69 h-index	149 g-index
283 ext. papers	26,683 ext. citations	12 avg, IF	5.88 L-index

#	Paper	IF	Citations
250	Genetic risk and a primary role for cell-mediated immune mechanisms in multiple sclerosis. *Nature*, **2011**, 476, 214-9	50.4	1948
249	Variant of transcription factor 7-like 2 (TCF7L2) gene confers risk of type 2 diabetes. *Nature Genetics*, **2006**, 38, 320-3	36.3	1725
248	PennCNV: an integrated hidden Markov model designed for high-resolution copy number variation detection in whole-genome SNP genotyping data. *Genome Research*, **2007**, 17, 1665-74	9.7	1278
247	Autism genome-wide copy number variation reveals ubiquitin and neuronal genes. *Nature*, **2009**, 459, 569-73	50.4	1075
246	The gene encoding 5-lipoxygenase activating protein confers risk of myocardial infarction and stroke. *Nature Genetics*, **2004**, 36, 233-9	36.3	770
245	Common genetic variants on 5p14.1 associate with autism spectrum disorders. *Nature*, **2009**, 459, 528-33	50.4	760
244	Reduced bone density and osteoporosis associated with a polymorphic Sp1 binding site in the collagen type I alpha 1 gene. *Nature Genetics*, **1996**, 14, 203-5	36.3	580
243	A genome-wide association study identifies KIAA0350 as a type 1 diabetes gene. *Nature*, **2007**, 448, 591-4	50.4	424
242	Refining the impact of TCF7L2 gene variants on type 2 diabetes and adaptive evolution. *Nature Genetics*, **2007**, 39, 218-25	36.3	420
241	Common variants at five new loci associated with early-onset inflammatory bowel disease. *Nature Genetics*, **2009**, 41, 1335-40	36.3	389
240	Relation of alleles of the collagen type Ialpha1 gene to bone density and the risk of osteoporotic fractures in postmenopausal women. *New England Journal of Medicine*, **1998**, 338, 1016-21	59.2	388
239	Common variants at 5q22 associate with pediatric eosinophilic esophagitis. *Nature Genetics*, **2010**, 42, 289-91	36.3	321
238	A COL1A1 Sp1 binding site polymorphism predisposes to osteoporotic fracture by affecting bone density and quality. *Journal of Clinical Investigation*, **2001**, 107, 899-907	15.9	312
237	Genome-wide analyses of exonic copy number variants in a family-based study point to novel autism susceptibility genes. *PLoS Genetics*, **2009**, 5, e1000536	6	305
236	A variant of the gene encoding leukotriene A4 hydrolase confers ethnicity-specific risk of myocardial infarction. *Nature Genetics*, **2006**, 38, 68-74	36.3	304
235	High-resolution mapping and analysis of copy number variations in the human genome: a data resource for clinical and research applications. *Genome Research*, **2009**, 19, 1682-90	9.7	293
234	A genome-wide association meta-analysis identifies new childhood obesity loci. *Nature Genetics*, **2012**, 44, 526-31	36.3	292

233	Copy number variation at 1q21.1 associated with neuroblastoma. *Nature*, **2009**, 459, 987-91	50.4	285
232	Genome-wide copy number variation study associates metabotropic glutamate receptor gene networks with attention deficit hyperactivity disorder. *Nature Genetics*, **2011**, 44, 78-84	36.3	279
231	Genome-wide associations for birth weight and correlations with adult disease. *Nature*, **2016**, 538, 248-252	50.4	266
230	Variants of DENND1B associated with asthma in children. *New England Journal of Medicine*, **2010**, 362, 36-44	59.2	261
229	Loci on 20q13 and 21q22 are associated with pediatric-onset inflammatory bowel disease. *Nature Genetics*, **2008**, 40, 1211-5	36.3	256
228	A genome-wide meta-analysis of six type 1 diabetes cohorts identifies multiple associated loci. *PLoS Genetics*, **2011**, 7, e1002293	6	237
227	New loci associated with birth weight identify genetic links between intrauterine growth and adult height and metabolism. *Nature Genetics*, **2013**, 45, 76-82	36.3	232
226	Integrative genomics identifies LMO1 as a neuroblastoma oncogene. *Nature*, **2011**, 469, 216-20	50.4	231
225	Common variations in BARD1 influence susceptibility to high-risk neuroblastoma. *Nature Genetics*, **2009**, 41, 718-23	36.3	226
224	Chromosome 6p22 locus associated with clinically aggressive neuroblastoma. *New England Journal of Medicine*, **2008**, 358, 2585-93	59.2	224
223	Diverse genome-wide association studies associate the IL12/IL23 pathway with Crohn Disease. *American Journal of Human Genetics*, **2009**, 84, 399-405	11	219
222	Large-scale gene-centric meta-analysis across 39 studies identifies type 2 diabetes loci. *American Journal of Human Genetics*, **2012**, 90, 410-25	11	214
221	A genome-wide association study identifies a locus for nonsyndromic cleft lip with or without cleft palate on 8q24. *Journal of Pediatrics*, **2009**, 155, 909-13	3.6	214
220	Genome-wide association analysis identifies three new susceptibility loci for childhood body mass index. *Human Molecular Genetics*, **2016**, 25, 389-403	5.6	202
219	A meta-analysis identifies new loci associated with body mass index in individuals of African ancestry. *Nature Genetics*, **2013**, 45, 690-6	36.3	192
218	Linkage of osteoporosis to chromosome 20p12 and association to BMP2. *PLoS Biology*, **2003**, 1, E69	9.7	189
217	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. *Nature Genetics*, **2018**, 50, 26-41	36.3	186
216	Variants in ADCY5 and near CCNL1 are associated with fetal growth and birth weight. *Nature Genetics*, **2010**, 42, 430-5	36.3	184

215	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. *Nature Genetics*, **2019**, 51, 804-814	36.3	181
214	The Time Is Right for a New Classification System for Diabetes: Rationale and Implications of the β-Cell-Centric Classification Schema. *Diabetes Care*, **2016**, 39, 179-86	14.6	173
213	Strong synaptic transmission impact by copy number variations in schizophrenia. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 10584-9	11.5	165
212	Association analysis of the FTO gene with obesity in children of Caucasian and African ancestry reveals a common tagging SNP. *PLoS ONE*, **2008**, 3, e1746	3.7	161
211	Localization of a susceptibility gene for type 2 diabetes to chromosome 5q34-q35.2. *American Journal of Human Genetics*, **2003**, 73, 323-35	11	160
210	From disease association to risk assessment: an optimistic view from genome-wide association studies on type 1 diabetes. *PLoS Genetics*, **2009**, 5, e1000678	6	150
209	Genetic Evidence for Causal Relationships Between Maternal Obesity-Related Traits and Birth Weight. *JAMA - Journal of the American Medical Association*, **2016**, 315, 1129-40	27.4	149
208	Meta-analysis of shared genetic architecture across ten pediatric autoimmune diseases. *Nature Medicine*, **2015**, 21, 1018-27	50.5	143
207	The role of obesity-associated loci identified in genome-wide association studies in the determination of pediatric BMI. *Obesity*, **2009**, 17, 2254-7	8	141
206	Genome-wide association and longitudinal analyses reveal genetic loci linking pubertal height growth, pubertal timing and childhood adiposity. *Human Molecular Genetics*, **2013**, 22, 2735-47	5.6	138
205	Comparative genetic analysis of inflammatory bowel disease and type 1 diabetes implicates multiple loci with opposite effects. *Human Molecular Genetics*, **2010**, 19, 2059-67	5.6	136
204	An Sp1 binding site polymorphism in the COLIA1 gene predicts osteoporotic fractures in both men and women. *Journal of Bone and Mineral Research*, **1998**, 13, 1384-9	6.3	122
203	The genetics of human obesity. *Annals of the New York Academy of Sciences*, **2013**, 1281, 178-90	6.5	120
202	Directional dominance on stature and cognition in diverse human populations. *Nature*, **2015**, 523, 459-462	50.4	119
201	Life-Course Genome-wide Association Study Meta-analysis of Total Body BMD and Assessment of Age-Specific Effects. *American Journal of Human Genetics*, **2018**, 102, 88-102	11	119
200	A novel susceptibility locus for type 1 diabetes on Chr12q13 identified by a genome-wide association study. *Diabetes*, **2008**, 57, 1143-6	0.9	118
199	Follow-up analysis of genome-wide association data identifies novel loci for type 1 diabetes. *Diabetes*, **2009**, 58, 290-5	0.9	112
198	Genome-wide association study of white blood cell count in 16,388 African Americans: the continental origins and genetic epidemiology network (COGENT). *PLoS Genetics*, **2011**, 7, e1002108	6	111

197	Common variants at 6q22 and 17q21 are associated with intracranial volume. *Nature Genetics*, **2012**, 44, 539-44	36.3	104
196	Investigating the Causal Relationship of C-Reactive Protein with 32 Complex Somatic and Psychiatric Outcomes: A Large-Scale Cross-Consortium Mendelian Randomization Study. *PLoS Medicine*, **2016**, 13, e1001976	11.6	100
195	Genome-wide association study of offspring birth weight in 86 577 women identifies five novel loci and highlights maternal genetic effects that are independent of fetal genetics. *Human Molecular Genetics*, **2018**, 27, 742-756	5.6	98
194	Common variants at 12q15 and 12q24 are associated with infant head circumference. *Nature Genetics*, **2012**, 44, 532-538	36.3	94
193	Infant BMI or Weight-for-Length and Obesity Risk in Early Childhood. *Pediatrics*, **2016**, 137,	7.4	93
192	Genome-wide association of body fat distribution in African ancestry populations suggests new loci. *PLoS Genetics*, **2013**, 9, e1003681	6	92
191	Role of BMI-associated loci identified in GWAS meta-analyses in the context of common childhood obesity in European Americans. *Obesity*, **2011**, 19, 2436-9	8	82
190	ORMDL3 variants associated with asthma susceptibility in North Americans of European ancestry. *Journal of Allergy and Clinical Immunology*, **2008**, 122, 1225-7	11.5	82
189	A genome-wide study reveals copy number variants exclusive to childhood obesity cases. *American Journal of Human Genetics*, **2010**, 87, 661-6	11	78
188	SUN-LB090 Accounting for Skeletal Maturation in the Assessment of Pediatric Bone Mineral Density. *Journal of the Endocrine Society*, **2019**, 3,	0.4	78
187	A novel common variant in DCST2 is associated with length in early life and height in adulthood. *Human Molecular Genetics*, **2015**, 24, 1155-68	5.6	77
186	Low-Frequency Synonymous Coding Variation in CYP2R1 Has Large Effects on Vitamin D Levels and Risk of Multiple Sclerosis. *American Journal of Human Genetics*, **2017**, 101, 227-238	11	76
185	Genetic correlations among psychiatric and immune-related phenotypes based on genome-wide association data. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2018**, 177, 641-657	3.5	75
184	Association Between Linear Growth and Bone Accrual in a Diverse Cohort of Children and Adolescents. *JAMA Pediatrics*, **2017**, 171, e171769	8.3	74
183	Genetic association analysis highlights new loci that modulate hematological trait variation in Caucasians and African Americans. *Human Genetics*, **2011**, 129, 307-17	6.3	74
182	Genetic control of bone density and turnover: role of the collagen 1alpha1, estrogen receptor, and vitamin D receptor genes. *Journal of Bone and Mineral Research*, **2001**, 16, 758-64	6.3	73
181	GWAS of blood cell traits identifies novel associated loci and epistatic interactions in Caucasian and African-American children. *Human Molecular Genetics*, **2013**, 22, 1457-64	5.6	69
180	17q12-21 variants interact with smoke exposure as a risk factor for pediatric asthma but are equally associated with early-onset versus late-onset asthma in North Americans of European ancestry. *Journal of Allergy and Clinical Immunology*, **2009**, 124, 605-7	11.5	63

179	Microarray technology and applications in the arena of genome-wide association. *Clinical Chemistry*, **2008**, 54, 1116-24	5.5	61
178	Modeling genetic inheritance of copy number variations. *Nucleic Acids Research*, **2008**, 36, e138	20.1	60
177	Discovery and fine-mapping of adiposity loci using high density imputation of genome-wide association studies in individuals of African ancestry: African Ancestry Anthropometry Genetics Consortium. *PLoS Genetics*, **2017**, 13, e1006719	6	60
176	Genome-wide association study implicates novel loci and reveals candidate effector genes for longitudinal pediatric bone accrual. *Genome Biology*, **2021**, 22, 1	18.3	58
175	First Genome-Wide Association Study of Latent Autoimmune Diabetes in Adults Reveals Novel Insights Linking Immune and Metabolic Diabetes. *Diabetes Care*, **2018**, 41, 2396-2403	14.6	57
174	Genotype and tissue-specific effects on alternative splicing of the transcription factor 7-like 2 gene in humans. *Journal of Clinical Endocrinology and Metabolism*, **2010**, 95, 1450-7	5.6	56
173	Investigation of the locus near MC4R with childhood obesity in Americans of European and African ancestry. *Obesity*, **2009**, 17, 1461-5	8	56
172	Impact of Common Diabetes Risk Variant in MTNR1B on Sleep, Circadian, and Melatonin Physiology. *Diabetes*, **2016**, 65, 1741-51	0.9	55
171	Duplication of the SLIT3 locus on 5q35.1 predisposes to major depressive disorder. *PLoS ONE*, **2010**, 5, e15463	3.7	55
170	Genome-scale Capture C promoter interactions implicate effector genes at GWAS loci for bone mineral density. *Nature Communications*, **2019**, 10, 1260	17.4	53
169	Association of variants of the interleukin-23 receptor gene with susceptibility to pediatric Crohn's disease. *Clinical Gastroenterology and Hepatology*, **2007**, 5, 972-6	6.9	53
168	Association of the T300A non-synonymous variant of the ATG16L1 gene with susceptibility to paediatric Crohn's disease. *Gut*, **2007**, 56, 1171-3	19.2	53
167	The type 2 diabetes presumed causal variant within TCF7L2 resides in an element that controls the expression of ACSL5. *Diabetologia*, **2016**, 59, 2360-2368	10.3	52
166	Bivariate genome-wide association meta-analysis of pediatric musculoskeletal traits reveals pleiotropic effects at the SREBF1/TOM1L2 locus. *Nature Communications*, **2017**, 8, 121	17.4	52
165	Relative contribution of type 1 and type 2 diabetes loci to the genetic etiology of adult-onset, non-insulin-requiring autoimmune diabetes. *BMC Medicine*, **2017**, 15, 88	11.4	52
164	Examination of type 2 diabetes loci implicates CDKAL1 as a birth weight gene. *Diabetes*, **2009**, 58, 2414-8	0.9	52
163	The inheritance of rheumatoid arthritis in Iceland. *Arthritis and Rheumatism*, **2001**, 44, 2247-54		52
162	Transferability and fine mapping of type 2 diabetes loci in African Americans: the Candidate Gene Association Resource Plus Study. *Diabetes*, **2013**, 62, 965-76	0.9	51

161	SNP array mapping of chromosome 20p deletions: genotypes, phenotypes, and copy number variation. *Human Mutation*, **2009**, 30, 371-8	4.7	51
160	Genetic susceptibility to type 2 diabetes and obesity: follow-up of findings from genome-wide association studies. *International Journal of Endocrinology*, **2014**, 2014, 769671	2.7	50
159	Examination of all type 2 diabetes GWAS loci reveals HHEX-IDE as a locus influencing pediatric BMI. *Diabetes*, **2010**, 59, 751-5	0.9	49
158	Association between a high-risk autism locus on 5p14 and social communication spectrum phenotypes in the general population. *American Journal of Psychiatry*, **2010**, 167, 1364-72	11.9	49
157	A Unified Pathophysiological Construct of Diabetes and its Complications. *Trends in Endocrinology and Metabolism*, **2017**, 28, 645-655	8.8	47
156	A Dementia-Associated Risk Variant near TMEM106B Alters Chromatin Architecture and Gene Expression. *American Journal of Human Genetics*, **2017**, 101, 643-663	11	46
155	Genetic sharing and heritability of paediatric age of onset autoimmune diseases. *Nature Communications*, **2015**, 6, 8442	17.4	46
154	Can the genetics of type 1 and type 2 diabetes shed light on the genetics of latent autoimmune diabetes in adults?. *Endocrine Reviews*, **2010**, 31, 183-93	27.2	46
153	The Genetics of Pediatric Obesity. *Trends in Endocrinology and Metabolism*, **2015**, 26, 711-721	8.8	45
152	The role of height-associated loci identified in genome wide association studies in the determination of pediatric stature. *BMC Medical Genetics*, **2010**, 11, 96	2.1	45
151	Association of the TRAF1-C5 locus on chromosome 9 with juvenile idiopathic arthritis. *Arthritis and Rheumatism*, **2008**, 58, 2206-7		42
150	A trans-ethnic genome-wide association study identifies gender-specific loci influencing pediatric aBMD and BMC at the distal radius. *Human Molecular Genetics*, **2015**, 24, 5053-9	5.6	40
149	Associations of autozygosity with a broad range of human phenotypes. *Nature Communications*, **2019**, 10, 4957	17.4	40
148	GWAS on longitudinal growth traits reveals different genetic factors influencing infant, child, and adult BMI. *Science Advances*, **2019**, 5, eaaw3095	14.3	39
147	Association analysis of type 2 diabetes Loci in type 1 diabetes. *Diabetes*, **2008**, 57, 1983-6	0.9	39
146	Genetics of childhood obesity. *Journal of Obesity*, **2011**, 2011, 845148	3.7	38
145	Body mass index (BMI) trajectories in infancy differ by population ancestry and may presage disparities in early childhood obesity. *Journal of Clinical Endocrinology and Metabolism*, **2015**, 100, 1551-60	5.6	37
144	Identification of Genetic and Environmental Factors Predicting Metabolically Healthy Obesity in Children: Data From the BCAMS Study. *Journal of Clinical Endocrinology and Metabolism*, **2016**, 101, 1816-25	5.6	37

143	DNA binding by FOXP3 domain-swapped dimer suggests mechanisms of long-range chromosomal interactions. *Nucleic Acids Research*, **2015**, 43, 1268-82	20.1	35
142	Contribution of common non-synonymous variants in PCSK1 to body mass index variation and risk of obesity: a systematic review and meta-analysis with evidence from up to 331 175 individuals. *Human Molecular Genetics*, **2015**, 24, 3582-94	5.6	34
141	A Global Perspective of Latent Autoimmune Diabetes in Adults. *Trends in Endocrinology and Metabolism*, **2018**, 29, 638-650	8.8	34
140	Genetics of Bone Mass in Childhood and Adolescence: Effects of Sex and Maturation Interactions. *Journal of Bone and Mineral Research*, **2015**, 30, 1676-83	6.3	32
139	SNP genotyping on a genome-wide amplified DOP-PCR template. *Nucleic Acids Research*, **2002**, 30, e125	20.1	32
138	Obesity-susceptibility loci and the tails of the pediatric BMI distribution. *Obesity*, **2013**, 21, 1256-60	8	31
137	Recent development in pharmacogenomics: from candidate genes to genome-wide association studies. *Expert Review of Molecular Diagnostics*, **2007**, 7, 371-93	3.8	31
136	Overlap of genetic susceptibility to type 1 diabetes, type 2 diabetes, and latent autoimmune diabetes in adults. *Current Diabetes Reports*, **2014**, 14, 550	5.6	29
135	Association of TCF7L2 variation with single islet autoantibody expression in children with type 1 diabetes. *BMJ Open Diabetes Research and Care*, **2014**, 2, e000008	4.5	28
134	Genome-wide association studies (GWAS): impact on elucidating the aetiology of diabetes. *Diabetes/Metabolism Research and Reviews*, **2011**, 27, 685-96	7.5	26
133	Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. *PLoS Genetics*, **2020**, 16, e1008718	6	25
132	A Genomewide Association Study Identifies Two Sex-Specific Loci, at SPTB and IZUMO3, Influencing Pediatric Bone Mineral Density at Multiple Skeletal Sites. *Journal of Bone and Mineral Research*, **2017**, 32, 1274-1281	6.3	24
131	Genetically Determined Later Puberty Impacts Lowered Bone Mineral Density in Childhood and Adulthood. *Journal of Bone and Mineral Research*, **2018**, 33, 430-436	6.3	24
130	A genome-wide association meta-analysis of diarrhoeal disease in young children identifies FUT2 locus and provides plausible biological pathways. *Human Molecular Genetics*, **2016**, 25, 4127-4142	5.6	24
129	The power of genetic diversity in genome-wide association studies of lipids. *Nature*, **2021**,	50.4	24
128	The Locus: A Genetic Window Into the Pathogenesis of Type 1 and Type 2 Diabetes. *Diabetes Care*, **2019**, 42, 1624-1629	14.6	23
127	The Genetic Contribution to Type 1 Diabetes. *Current Diabetes Reports*, **2019**, 19, 116	5.6	23
126	Genetic variation in genes encoding airway epithelial potassium channels is associated with chronic rhinosinusitis in a pediatric population. *PLoS ONE*, **2014**, 9, e89329	3.7	23

125	Sleep Duration and Cardiometabolic Risk Among Chinese School-aged Children: Do Adipokines Play a Mediating Role?. *Sleep*, **2017**, 40,	1.1	22
124	BMD Loci Contribute to Ethnic and Developmental Differences in Skeletal Fragility across Populations: Assessment of Evolutionary Selection Pressures. *Molecular Biology and Evolution*, **2015**, 32, 2961-72	8.3	22
123	The missense variation landscape of FTO, MC4R, and TMEM18 in obese children of African Ancestry. *Obesity*, **2013**, 21, 159-63	8	22
122	Physical Activity Benefits the Skeleton of Children Genetically Predisposed to Lower Bone Density in Adulthood. *Journal of Bone and Mineral Research*, **2016**, 31, 1504-12	6.3	22
121	Variants in the fetal genome near pro-inflammatory cytokine genes on 2q13 associate with gestational duration. *Nature Communications*, **2019**, 10, 3927	17.4	21
120	Mapping effector genes at lupus GWAS loci using promoter Capture-C in follicular helper T cells. *Nature Communications*, **2020**, 11, 3294	17.4	21
119	Genetic and Epigenetic Fine Mapping of Complex Trait Associated Loci in the Human Liver. *American Journal of Human Genetics*, **2019**, 105, 89-107	11	20
118	Genetics of obesity and type 2 diabetes in African Americans. *Journal of Obesity*, **2013**, 2013, 396416	3.7	20
117	BMD-associated variation at the Osterix locus is correlated with childhood obesity in females. *Obesity*, **2011**, 19, 1311-4	8	20
116	Prevalence of diabetes in Australia: insights from the Fremantle Diabetes Study Phase II. *Internal Medicine Journal*, **2018**, 48, 803-809	1.6	19
115	Transethnic Evaluation Identifies Low-Frequency Loci Associated With 25-Hydroxyvitamin D Concentrations. *Journal of Clinical Endocrinology and Metabolism*, **2018**, 103, 1380-1392	5.6	18
114	Copy number variation on chromosome 10q26.3 for obesity identified by a genome-wide study. *Journal of Clinical Endocrinology and Metabolism*, **2013**, 98, E191-5	5.6	18
113	A genome wide association study of plasma uric acid levels in obese cases and never-overweight controls. *Obesity*, **2013**, 21, E490-4	8	18
112	Characterization of the transcriptional machinery bound across the widely presumed type 2 diabetes causal variant, rs7903146, within TCF7L2. *European Journal of Human Genetics*, **2015**, 23, 103-9	5.3	17
111	Rare copy number variants in over 100,000 European ancestry subjects reveal multiple disease associations. *Nature Communications*, **2020**, 11, 255	17.4	17
110	Genome-wide association studies in type 1 diabetes. *Current Diabetes Reports*, **2009**, 9, 157-63	5.6	17
109	Genetic Risk Scores Implicated in Adult Bone Fragility Associate With Pediatric Bone Density. *Journal of Bone and Mineral Research*, **2016**, 31, 789-95	6.3	17
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107	Rare EN1 Variants and Pediatric Bone Mass. *Journal of Bone and Mineral Research*, **2016**, 31, 1513-7	6.3	16
106	Implicating candidate genes at GWAS signals by leveraging topologically associating domains. *European Journal of Human Genetics*, **2017**, 25, 1286-1289	5.3	15
105	Strategies for genetic studies of complex diseases. *Cell*, **2010**, 142, 351-3; author reply 353-5	56.2	15
104	Genome-wide association studies in type 1 diabetes, inflammatory bowel disease and other immune-mediated disorders. *Seminars in Immunology*, **2009**, 21, 355-62	10.7	15
103	Genetic Discrimination Between LADA and Childhood-Onset Type 1 Diabetes Within the MHC. *Diabetes Care*, **2020**, 43, 418-425	14.6	15
102	Candidate Loci are Revealed by an Initial Genome-wide Association Study of Juvenile Osteochondritis Dissecans. *Journal of Pediatric Orthopaedics*, **2017**, 37, e32-e36	2.4	14
101	Planning a genome-wide association study: points to consider. *Annals of Medicine*, **2011**, 43, 451-60	1.5	14
100	In silico replication of the genome-wide association results of the Type 1 Diabetes Genetics Consortium. *Human Molecular Genetics*, **2010**, 19, 2534-8	5.6	14
99	Rare Genetic Variants of Large Effect Influence Risk of Type 1 Diabetes. *Diabetes*, **2020**, 69, 784-795	0.9	14
98	Childhood sleep duration modifies the polygenic risk for obesity in youth through leptin pathway: the Beijing Child and Adolescent Metabolic Syndrome cohort study. *International Journal of Obesity*, **2019**, 43, 1556-1567	5.5	13
97	GATA factors promote ER integrity and β-cell survival and contribute to type 1 diabetes risk. *Molecular Endocrinology*, **2014**, 28, 28-39		13
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94	Two novel type 2 diabetes loci revealed through integration of TCF7L2 DNA occupancy and SNP association data. *BMJ Open Diabetes Research and Care*, **2014**, 2, e000052	4.5	12
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92	Genetics of pediatric bone strength. *BoneKEy Reports*, **2016**, 5, 823		12
91	Changes in Sleep Duration and Timing During the Middle-to-High School Transition. *Journal of Adolescent Health*, **2020**, 67, 829-836	5.8	11
90	Relative Skeletal Maturation and Population Ancestry in Nonobese Children and Adolescents. *Journal of Bone and Mineral Research*, **2017**, 32, 115-124	6.3	11

89	Pathway-Wide Association Study Implicates Multiple Sterol Transport and Metabolism Genes in HDL Cholesterol Regulation. *Frontiers in Genetics*, **2011**, 2, 41	4.5	11
88	Pathway-Based Genome-wide Association Studies Reveal That the Rac1 Pathway Is Associated with Plasma Adiponectin Levels. *Scientific Reports*, **2015**, 5, 13422	4.9	10
87	Pathway-Based Genome-Wide Association Studies for Plasma Triglycerides in Obese Females and Normal-Weight Controls. *PLoS ONE*, **2015**, 10, e0134923	3.7	10
86	Expression analyses of the genes harbored by the type 2 diabetes and pediatric BMI associated locus on 10q23. *BMC Medical Genetics*, **2012**, 13, 89	2.1	10
85	Generation of high quality chromatin immunoprecipitation DNA template for high-throughput sequencing (ChIP-seq). *Journal of Visualized Experiments*, **2013**,	1.6	10
84	Understanding the elusive mechanism of action of TCF7L2 in metabolism. *Diabetes*, **2012**, 61, 2657-8	0.9	10
83	Classification of genetic profiles of Crohn's disease: a focus on the ATG16L1 gene. *Expert Review of Molecular Diagnostics*, **2008**, 8, 199-207	3.8	10
82	Type 1 diabetes in Africa: an immunogenetic study in the Amhara of North-West Ethiopia. *Diabetologia*, **2020**, 63, 2158-2168	10.3	10
81	Genetic Studies of Leptin Concentrations Implicate Leptin in the Regulation of Early Adiposity. *Diabetes*, **2020**, 69, 2806-2818	0.9	10
80	Assessing the general population frequency of rare coding variants in the EXT1 and EXT2 genes previously implicated in hereditary multiple exostoses. *Bone*, **2016**, 92, 196-200	4.7	9
79	Sleep duration does not mediate or modify association of common genetic variants with type 2 diabetes. *Diabetologia*, **2014**, 57, 339-46	10.3	9
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77	The type 2 diabetes associated rs7903146 T allele within TCF7L2 is significantly under-represented in Hereditary Multiple Exostoses: insights into pathogenesis. *Bone*, **2015**, 72, 123-7	4.7	8
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