Struan F A Grant

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.

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	Using linear and natural cubic splines, SITAR, and latent trajectory models to characterise nonlinear longitudinal growth trajectories in cohort studies.. *BMC Medical Research Methodology*, **2022**, 22, 68	4.7	1
249	Ancestral diversity improves discovery and fine-mapping of genetic loci for anthropometric traits-The Hispanic/Latino Anthropometry Consortium.. *Human Genetics and Genomics Advances*, **2022**, 3, 100099	0.8	0
248	0029 Developing a pipeline for translating genome-wide association signals to behavioral correlates of sleep dysfunction. *Sleep*, **2022**, 45, A13-A13	1.1	
247	The power of genetic diversity in genome-wide association studies of lipids. *Nature*, **2021**,	50.4	24
246	CYP11B1 variants influence skeletal maturation via alternative splicing. *Communications Biology*, **2021**, 4, 1274	6.7	0
245	Cis-regulatory architecture of human ESC-derived hypothalamic neuron differentiation aids in variant-to-gene mapping of relevant complex traits. *Nature Communications*, **2021**, 12, 6749	17.4	2
244	Constrained chromatin accessibility in PU.1-mutated agammaglobulinemia patients. *Journal of Experimental Medicine*, **2021**, 218,	16.6	6
243	3D promoter architecture re-organization during iPSC-derived neuronal cell differentiation implicates target genes for neurodevelopmental disorders. *Progress in Neurobiology*, **2021**, 201, 102000	10.9	6
242	Identification of 22 susceptibility loci associated with testicular germ cell tumors. *Nature Communications*, **2021**, 12, 4487	17.4	5
241	Variant-to-Gene-Mapping Analyses Reveal a Role for the Hypothalamus in Genetic Susceptibility to Inflammatory Bowel Disease. *Cellular and Molecular Gastroenterology and Hepatology*, **2021**, 11, 667-682	7.9	3
240	A Meta-Analysis of the Transferability of Bone Mineral Density Genetic Loci Associations From European to African Ancestry Populations. *Journal of Bone and Mineral Research*, **2021**, 36, 469-479	6.3	2
239	Genetic potential and height velocity during childhood and adolescence do not fully account for shorter stature in cystic fibrosis. *Pediatric Research*, **2021**, 89, 653-659	3.2	3
238	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
237	Colorectal Cancer-Associated Smad4 R361 Hotspot Mutations Boost Wnt/Catenin Signaling through Enhanced Smad4-LEF1 Binding. *Molecular Cancer Research*, **2021**, 19, 823-833	6.6	2
236	CRISPR-Cas9-Mediated Genome Editing Confirms as an Effector Gene at the BMD GWAS-Implicated '' Locus. *JBMR Plus*, **2021**, 5, e10531	3.9	0
235	Restriction enzyme selection dictates detection range sensitivity in chromatin conformation capture-based variant-to-gene mapping approaches. *Human Genetics*, **2021**, 140, 1441-1448	6.3	3
234	Genetic Variation in on 1p36.13 Is Associated with Common Forms of Human Generalized Epilepsy. *Genes*, **2021**, 12,	4.2	1

233	Biological constraints on GWAS SNPs at suggestive significance thresholds reveal additional BMI loci. *ELife*, **2021**, 10,	8.9	3
232	Associations of the residential built environment with adolescent sleep outcomes. *Sleep*, **2021**, 44,	1.1	4
231	Ancestry-specific intronic variants on the APOEe4 haplotype influence enhancer activity and interaction with APOE promoter.. *Alzheimer's and Dementia*, **2021**, 17 Suppl 3, e055266	1.2	
230	High-resolution, genome-wide, promoter-focused Capture C in astrocytes implicates causal genes for Alzheimer's disease. *Alzheimer's and Dementia*, **2020**, 16, e043368	1.2	
229	A Selective Sweep Conceals a MicroRNA with Broad Metabolic Effects. *Cell Metabolism*, **2020**, 32, 697-698	24.6	0
228	Insights into the Genetic Underpinnings of Endocrine Traits from Large-Scale Genome-Wide Association Studies. *Endocrinology and Metabolism Clinics of North America*, **2020**, 49, 725-739	5.5	1
227	Genetically Determined Birthweight Associates With Atrial Fibrillation: A Mendelian Randomization Study. *Circulation Genomic and Precision Medicine*, **2020**, 13, e002553	5.2	3
226	Canonical Notch signaling is required for bone morphogenetic protein-mediated human osteoblast differentiation. *Stem Cells*, **2020**, 38, 1332-1347	5.8	5
225	Changes in Sleep Duration and Timing During the Middle-to-High School Transition. *Journal of Adolescent Health*, **2020**, 67, 829-836	5.8	11
224	Mapping effector genes at lupus GWAS loci using promoter Capture-C in follicular helper T cells. *Nature Communications*, **2020**, 11, 3294	17.4	21
223	IL-1 Transcriptional Responses to Lipopolysaccharides Are Regulated by a Complex of RNA Binding Proteins. *Journal of Immunology*, **2020**, 204, 1334-1344	5.3	6
222	Rare copy number variants in over 100,000 European ancestry subjects reveal multiple disease associations. *Nature Communications*, **2020**, 11, 255	17.4	17
221	Regulation of Janus Kinase 2 by an Inflammatory Bowel Disease Causal Non-coding Single Nucleotide Polymorphism. *Journal of Crohn's and Colitis*, **2020**, 14, 646-653	1.5	3
220	Rare Genetic Variants of Large Effect Influence Risk of Type 1 Diabetes. *Diabetes*, **2020**, 69, 784-795	0.9	14
219	Genetic variants affecting bone mineral density and bone mineral content at multiple skeletal sites in Hispanic children. *Bone*, **2020**, 132, 115175	4.7	8
218	Genetic Discrimination Between LADA and Childhood-Onset Type 1 Diabetes Within the MHC. *Diabetes Care*, **2020**, 43, 418-425	14.6	15
217	Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. *PLoS Genetics*, **2020**, 16, e1008718	6	25
216	Genetic Determinants of Childhood Obesity. *Molecular Diagnosis and Therapy*, **2020**, 24, 653-663	4.5	9

215	Type 1 diabetes in Africa: an immunogenetic study in the Amhara of North-West Ethiopia. *Diabetologia*, **2020**, 63, 2158-2168	10.3	10
214	Genetic Studies of Leptin Concentrations Implicate Leptin in the Regulation of Early Adiposity. *Diabetes*, **2020**, 69, 2806-2818	0.9	10
213	Next steps in the identification of gene targets for type 1 diabetes. *Diabetologia*, **2020**, 63, 2260-2269	10.3	6
212	GWAS on longitudinal growth traits reveals different genetic factors influencing infant, child, and adult BMI. *Science Advances*, **2019**, 5, eaaw3095	14.3	39
211	Variants in the fetal genome near pro-inflammatory cytokine genes on 2q13 associate with gestational duration. *Nature Communications*, **2019**, 10, 3927	17.4	21
210	Postmenopausal osteoporotic fracture-associated COLIA1 variant impacts bone accretion in girls. *Bone*, **2019**, 121, 221-226	4.7	4
209	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
208	Characterization of Rare Variants in MC4R in African American and Latino Children With Severe Early-Onset Obesity. *Journal of Clinical Endocrinology and Metabolism*, **2019**, 104, 2961-2970	5.6	12
207	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
206	Genome-scale Capture C promoter interactions implicate effector genes at GWAS loci for bone mineral density. *Nature Communications*, **2019**, 10, 1260	17.4	53
205	Intersections and Clinical Translations of Diabetes Mellitus with Cancer Promotion, Progression and Prognosis. *Postgraduate Medicine*, **2019**, 131, 597-606	3.7	6
204	The Locus: A Genetic Window Into the Pathogenesis of Type 1 and Type 2 Diabetes. *Diabetes Care*, **2019**, 42, 1624-1629	14.6	23
203	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
202	The Genetic Contribution to Type 1 Diabetes. *Current Diabetes Reports*, **2019**, 19, 116	5.6	23
201	Associations of autozygosity with a broad range of human phenotypes. *Nature Communications*, **2019**, 10, 4957	17.4	40
200	SUN-LB090 Accounting for Skeletal Maturation in the Assessment of Pediatric Bone Mineral Density. *Journal of the Endocrine Society*, **2019**, 3,	0.4	78
199	HIGH-RESOLUTION GENOMEWIDE PROMOTER-FOCUSED CONNECTOME IMPLICATES MICROGLIA CAUSAL GENES FOR ALZHEIMER DISEASE **2019**, 15, P238		
198	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

197	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
196	Teasing Diabetes Apart, One Locus at a Time. *Diabetes Care*, **2018**, 41, 224-226	14.6	2
195	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
194	Prevalence of diabetes in Australia: insights from the Fremantle Diabetes Study Phase II. *Internal Medicine Journal*, **2018**, 48, 803-809	1.6	19
193	Physical Activity and Bone Accretion: Isotemporal Modeling and Genetic Interactions. *Medicine and Science in Sports and Exercise*, **2018**, 50, 977-986	1.2	3
192	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
191	PARP-1 Inhibition Rescues Short Lifespan in Hyperglycemic And Improves GLP-1 Secretion in Human Cells **2018**, 9, 17-30		7
190	A Global Perspective of Latent Autoimmune Diabetes in Adults. *Trends in Endocrinology and Metabolism*, **2018**, 29, 638-650	8.8	34
189	Loss of Cardio-Protective Effects at the CDH13 Locus Due to Gene-Sleep Interaction: The BCAMS Study. *EBioMedicine*, **2018**, 32, 164-171	8.8	4
188	Leveraging putative enhancer-promoter interactions to investigate two-way epistasis in Type 2 Diabetes GWAS. *Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing*, **2018**, 23, 548-558	1.3	2
187	A High Resolution Capture-C Promoter "Interactome" Implicates Causal Genes at Type 2 Diabetes GWAS Loci. *Diabetes*, **2018**, 67, 1705-P	0.9	1
186	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
185	Multidimensional Bone Density Phenotyping Reveals New Insights Into Genetic Regulation of the Pediatric Skeleton. *Journal of Bone and Mineral Research*, **2018**, 33, 812-821	6.3	5
184	O3-03-04: A HIGH RESOLUTION CAPTURE-C PROMOTER INTERACTOME IMPLICATES CAUSAL GENES AT ALZHEIMER'S DISEASE GWAS LOCI **2018**, 14, P1016-P1016		
183	The Dynamic Origins of Type 1 Diabetes. *Diabetes Care*, **2018**, 41, 2441-2443	14.6	3
182	Public resources aid diabetes gene discovery. *Nature Genetics*, **2018**, 50, 1499-1500	36.3	1
181	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
180	Complex patterns of direct and indirect association between the transcription Factor-7 like 2 gene, body mass index and type 2 diabetes diagnosis in adulthood in the Hispanic Community Health Study/Study of Latinos. *BMC Obesity*, **2018**, 5, 26	3.6	4

179	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
178	Relevance of polymorphisms in MC4R and BDNF in short normal stature. *BMC Pediatrics*, **2018**, 18, 278	2.6	2
177	Leveraging epigenomics and contactomics data to investigate SNP pairs in GWAS. *Human Genetics*, **2018**, 137, 413-425	6.3	7
176	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
175	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
174	A Unified Pathophysiological Construct of Diabetes and its Complications. *Trends in Endocrinology and Metabolism*, **2017**, 28, 645-655	8.8	47
173	Sleep Duration and Cardiometabolic Risk Among Chinese School-aged Children: Do Adipokines Play a Mediating Role?. *Sleep*, **2017**, 40,	1.1	22
172	A Dementia-Associated Risk Variant near TMEM106B Alters Chromatin Architecture and Gene Expression. *American Journal of Human Genetics*, **2017**, 101, 643-663	11	46
171	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
170	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
169	Implicating candidate genes at GWAS signals by leveraging topologically associating domains. *European Journal of Human Genetics*, **2017**, 25, 1286-1289	5.3	15
168	Association Between Linear Growth and Bone Accrual in a Diverse Cohort of Children and Adolescents. *JAMA Pediatrics*, **2017**, 171, e171769	8.3	74
167	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
166	Relative Skeletal Maturation and Population Ancestry in Nonobese Children and Adolescents. *Journal of Bone and Mineral Research*, **2017**, 32, 115-124	6.3	11
165	High And Low Impact Physical Activity Substitution And Pediatric Bone Density. *Medicine and Science in Sports and Exercise*, **2017**, 49, 165-166	1.2	
164	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
163	The role of established East Asian obesity-related loci on pediatric leptin levels highlights a neuronal influence on body weight regulation in Chinese children and adolescents: the BCAMS study. *Oncotarget*, **2017**, 8, 93593-93607	3.3	7
162	Response to Comment on Schwartz et al. The Time Is Right for a New Classification System for Diabetes: Rationale and Implications of the β-Cell-Centric Classification Schema. Diabetes Care 2016;39:179-186. *Diabetes Care*, **2016**, 39, e129-30	14.6	3

161	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
160	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
159	Type 2 Diabetes Genes Gleaned by Making a Cell Screen Routine. *Diabetes*, **2016**, 65, 3541-3543	0.9	
158	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
157	Transcription Factor 7-Like 2 (TCF7L2) **2016**, 297-316		0
156	Genetics of Type 2 Diabetes **2016**, 141-157		
155	The Time Is Right for a New Classification System for Diabetes: Rationale and Implications of the Cell-Centric Classification Schema. *Diabetes Care*, **2016**, 39, 179-86	14.6	173
154	Impact of Common Diabetes Risk Variant in MTNR1B on Sleep, Circadian, and Melatonin Physiology. *Diabetes*, **2016**, 65, 1741-51	0.9	55
153	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
152	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
151	Genome-wide association analysis identifies three new susceptibility loci for childhood body mass index. *Human Molecular Genetics*, **2016**, 25, 389-403	5.6	202
150	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
149	Genetics of pediatric bone strength. *BoneKEy Reports*, **2016**, 5, 823		12
148	Rare EN1 Variants and Pediatric Bone Mass. *Journal of Bone and Mineral Research*, **2016**, 31, 1513-7	6.3	16
147	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
146	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
145	Infant BMI or Weight-for-Length and Obesity Risk in Early Childhood. *Pediatrics*, **2016**, 137,	7.4	93
144	Genome-wide associations for birth weight and correlations with adult disease. *Nature*, **2016**, 538, 248-252	42.4	266

143	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
142	Directional dominance on stature and cognition in diverse human populations. *Nature*, **2015**, 523, 459-462	38.4	119
141	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
140	Ethnic disparities in DNA methylation and risk of type 2 diabetes. *Lancet Diabetes and Endocrinology,the*, **2015**, 3, 491-2	18.1	4
139	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
138	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
137	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
136	The Genetics of Pediatric Obesity. *Trends in Endocrinology and Metabolism*, **2015**, 26, 711-721	8.8	45
135	Genetic sharing and heritability of paediatric age of onset autoimmune diseases. *Nature Communications*, **2015**, 6, 8442	17.4	46
134	Genetics of Type 2 Diabetes **2015**, 1-21		
133	Meta-analysis of shared genetic architecture across ten pediatric autoimmune diseases. *Nature Medicine*, **2015**, 21, 1018-27	50.5	143
132	Allelic expression imbalance: tipping the scales to elucidate the function of type 2 diabetes-associated loci. *Diabetes*, **2015**, 64, 1102-4	0.9	2
131	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
130	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
129	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
128	Pathway-Based Genome-Wide Association Studies for Plasma Triglycerides in Obese Females and Normal-Weight Controls. *PLoS ONE*, **2015**, 10, e0134923	3.7	10
127	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
126	DNA binding by FOXP3 domain-swapped dimer suggests mechanisms of long-range chromosomal interactions. *Nucleic Acids Research*, **2015**, 43, 1268-82	20.1	35

125	A ChIP-seq-defined genome-wide map of MEF2C binding reveals inflammatory pathways associated with its role in bone density determination. *Calcified Tissue International*, **2014**, 94, 396-402	3.9	16
124	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
123	Genome-wide analyses of ChIP-Seq derived FOXA2 DNA occupancy in liver points to genetic networks underpinning multiple complex traits. *Journal of Clinical Endocrinology and Metabolism*, **2014**, 99, E1580-5	5.6	6
122	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
121	GATA factors promote ER integrity and β-cell survival and contribute to type 1 diabetes risk. *Molecular Endocrinology*, **2014**, 28, 28-39		13
120	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
119	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
118	Sleep duration does not mediate or modify association of common genetic variants with type 2 diabetes. *Diabetologia*, **2014**, 57, 339-46	10.3	9
117	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
116	Transcriptome profiling of human ulcerative colitis mucosa reveals altered expression of pathways enriched in genetic susceptibility loci. *PLoS ONE*, **2014**, 9, e96153	3.7	8
115	Genetics of Childhood Obesity **2014**, 71-91		1
114	PECONPI: a novel software for uncovering pathogenic copy number variations in non-syndromic sensorineural hearing loss and other genetically heterogeneous disorders. *American Journal of Medical Genetics, Part A*, **2013**, 161A, 2134-47	2.5	5
113	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
112	Obesity-susceptibility loci and the tails of the pediatric BMI distribution. *Obesity*, **2013**, 21, 1256-60	8	31
111	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
110	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
109	Genome-wide association of body fat distribution in African ancestry populations suggests new loci. *PLoS Genetics*, **2013**, 9, e1003681	6	92
108	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

107	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
106	A genome wide association study of plasma uric acid levels in obese cases and never-overweight controls. *Obesity*, **2013**, 21, E490-4	8	18
105	The genetics of human obesity. *Annals of the New York Academy of Sciences*, **2013**, 1281, 178-90	6.5	120
104	The missense variation landscape of FTO, MC4R, and TMEM18 in obese children of African Ancestry. *Obesity*, **2013**, 21, 159-63	8	22
103	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
102	Generation of high quality chromatin immunoprecipitation DNA template for high-throughput sequencing (ChIP-seq). *Journal of Visualized Experiments*, **2013**,	1.6	10
101	Copy number variations in alternative splicing gene networks impact lifespan. *PLoS ONE*, **2013**, 8, e53846	3.7	12
100	Genetics of obesity and type 2 diabetes in African Americans. *Journal of Obesity*, **2013**, 2013, 396416	3.7	20
99	Identical osteochondritis dissecans lesions of the knee in sets of monozygotic twins. *Orthopedics*, **2013**, 36, e1559-62	1.5	13
98	Genetics of Childhood Obesity **2013**, 1-21		
97	A genome-wide association meta-analysis identifies new childhood obesity loci. *Nature Genetics*, **2012**, 44, 526-31	36.3	292
96	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
95	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
94	Common variants at 6q22 and 17q21 are associated with intracranial volume. *Nature Genetics*, **2012** , 44, 539-44	36.3	104
93	Common variants at 12q15 and 12q24 are associated with infant head circumference. *Nature Genetics*, **2012**, 44, 532-538	36.3	94
92	Understanding the elusive mechanism of action of TCF7L2 in metabolism. *Diabetes*, **2012**, 61, 2657-8	0.9	10
91	Developmental origins of genotype-phenotype correlations in chronic diseases of old age **2012**, 3, 385-403		1
90	Examination of genetic variants influencing lipid traits in pediatric populations. *Journal of Pediatric Genetics*, **2012**, 1, 85-98	0.7	3

89	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
88	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
87	Planning a genome-wide association study: points to consider. *Annals of Medicine*, **2011**, 43, 451-60	1.5	14
86	BMD-associated variation at the Osterix locus is correlated with childhood obesity in females. *Obesity*, **2011**, 19, 1311-4	8	20
85	Genetics of childhood obesity. *Journal of Obesity*, **2011**, 2011, 845148	3.7	38
84	Pathway-Wide Association Study Implicates Multiple Sterol Transport and Metabolism Genes in HDL Cholesterol Regulation. *Frontiers in Genetics*, **2011**, 2, 41	4.5	11
83	Re: Ward K, Ogilvie JW, Singleton, et al. Validation of DNA-based prognostic testing to predict spinal curve progression in adolescent idiopathic scoliosis. Spine 2010;35:E1455-64. *Spine*, **2011**, 36, 1258; discussion 1258-9	3.3	1
82	Integrative genomics identifies LMO1 as a neuroblastoma oncogene. *Nature*, **2011**, 469, 216-20	50.4	231
81	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
80	Another tool in the genome-wide association study arsenal: population-based detection of somatic gene conversion. *BMC Medicine*, **2011**, 9, 13	11.4	1
79	Genome-wide association studies (GWAS): impact on elucidating the aetiology of diabetes. *Diabetes/Metabolism Research and Reviews*, **2011**, 27, 685-96	7.5	26
78	Genetic risk and a primary role for cell-mediated immune mechanisms in multiple sclerosis. *Nature*, **2011**, 476, 214-9	50.4	1948
77	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
76	A genome-wide meta-analysis of six type 1 diabetes cohorts identifies multiple associated loci. *PLoS Genetics*, **2011**, 7, e1002293	6	237
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8	Cis-regulatory architecture of human ESC-derived hypothalamic neuron differentiation aids in variant-to-gene mapping of relevant complex traits		1
7	Restriction enzyme selection dictates detection range sensitivity in chromatin conformation capture-based variant-to-gene mapping approaches		1
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1	A multiancestry genome-wide association study of unexplained chronic ALT elevation as a proxy for nonalcoholic fatty liver disease with histological and radiological validation. *Nature Genetics*,	36.3	2