Struan F A Grant

List of Publications by Year
in descending order

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246 papers	29,531 citations	9756 73 h-index	5663 162 g-index
283 all docs	283 docs citations	283 times ranked	38984 citing authors

#	Article	IF	Citations
1	Identifying differential regulatory control of APOE É›4 on African versus European haplotypes as potential therapeutic targets. Alzheimer's and Dementia, 2022, 18, 1930-1942.	0.4	12
2	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.	1.4	21
3	Ancestral diversity improves discovery and fine-mapping of genetic loci for anthropometric traitsâ€"The Hispanic/Latino Anthropometry Consortium. Human Genetics and Genomics Advances, 2022, 3, 100099.	1.0	3
4	Variant-to-gene-mapping analyses reveal a role for pancreatic islet cells in conferring genetic susceptibility to sleep-related traits. Sleep, 2022, 45, .	0.6	6
5	0029 Developing a pipeline for translating genome-wide association signals to behavioral correlates of sleep dysfunction. Sleep, 2022, 45, A13-A13.	0.6	0
6	Genetics of early-life head circumference and genetic correlations with neurological, psychiatric and cognitive outcomes. BMC Medical Genomics, 2022, 15, .	0.7	2
7	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, 2022, 54, 761-771.	9.4	68
8	Implicating effector genes at COVID-19 GWAS loci using promoter-focused Capture-C in disease-relevant immune cell types. Genome Biology, 2022, 23, .	3.8	12
9	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.	2.3	15
10	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.	1.1	7
11	Genome-wide association study implicates novel loci and reveals candidate effector genes for longitudinal pediatric bone accrual. Genome Biology, 2021, 22, 1.	3.8	239
12	Colorectal Cancer-Associated Smad4 R361 Hotspot Mutations Boost Wnt/Î²-Catenin Signaling through Enhanced Smad4â€"LEF1 Binding. Molecular Cancer Research, 2021, 19, 823-833.	1.5	4
13	Constrained chromatin accessibility in PU.1-mutated agammaglobulinemia patients. Journal of Experimental Medicine, 2021, 218, .	4.2	31
14	3D promoter architecture re-organization during iPSC-derived neuronal cell differentiation implicates target genes for neurodevelopmental disorders. Progress in Neurobiology, 2021, 201, 102000.	2.8	24
15	Identification of 22 susceptibility loci associated with testicular germ cell tumors. Nature Communications, 2021, 12, 4487.	5.8	27
16	<scp>CRISPRâ€Cas9</scp>â€"Mediated Genome Editing Confirms <scp>EPDR1</scp> as an Effector Gene at the <scp>BMD GWAS</scp>â€Implicated â€˜<scp>STARD3NL</scp>â€™ Locus. JBMR Plus, 2021, 5, e10531.	1.3	5
17	Restriction enzyme selection dictates detection range sensitivity in chromatin conformation capture-based variant-to-gene mapping approaches. Human Genetics, 2021, 140, 1441-1448.	1.8	6
18	Genetic Variation in PADI6-PADI4 on 1p36.13 Is Associated with Common Forms of Human Generalized Epilepsy. Genes, 2021, 12, 1441.	1.0	7

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19	Biological constraints on GWAS SNPs at suggestive significance thresholds reveal additional BMI loci. ELife, 2021, 10, .	2.8	27
20	Associations of the residential built environment with adolescent sleep outcomes. Sleep, 2021, 44, .	0.6	18
21	CYP11B1 variants influence skeletal maturation via alternative splicing. Communications Biology, 2021, 4, 1274.	2.0	3
22	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.	5.8	11
23	The power of genetic diversity in genome-wide association studies of lipids. Nature, 2021, 600, 675-679.	13.7	353
24	Ancestryâ€specific intronic variants on the APOE É›4 haplotype influence enhancer activity and interaction with APOE promoter. Alzheimer's and Dementia, 2021, 17, e055266.	0.4	0
25	Genetic variants affecting bone mineral density and bone mineral content at multiple skeletal sites in Hispanic children. Bone, 2020, 132, 115175.	1.4	13
26	Genetic Discrimination Between LADA and Childhood-Onset Type 1 Diabetes Within the MHC. Diabetes Care, 2020, 43, 418-425.	4.3	23
27	Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. PLoS Genetics, 2020, 16, e1008718.	1.5	95
28	Genetic Determinants of Childhood Obesity. Molecular Diagnosis and Therapy, 2020, 24, 653-663.	1.6	36
29	Type 1 diabetes in Africa: an immunogenetic study in the Amhara of North-West Ethiopia. Diabetologia, 2020, 63, 2158-2168.	2.9	17
30	Genetic Studies of Leptin Concentrations Implicate Leptin in the Regulation of Early Adiposity. Diabetes, 2020, 69, 2806-2818.	0.3	26
31	Next steps in the identification of gene targets for type 1 diabetes. Diabetologia, 2020, 63, 2260-2269.	2.9	12
32	Highâ€resolution, genomeâ€wide, promoterâ€focused Capture C in astrocytes implicates causal genes for Alzheimerâ€™s disease. Alzheimer's and Dementia, 2020, 16, e043368.	0.4	0
33	A Selective Sweep Conceals a MicroRNA with Broad Metabolic Effects. Cell Metabolism, 2020, 32, 697-698.	7.2	1
34	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.	1.2	1
35	Genetically Determined Birthweight Associates With Atrial Fibrillation. Circulation Genomic and Precision Medicine, 2020, 13, e002553.	1.6	13
36	Canonical Notch signaling is required for bone morphogenetic protein-mediated human osteoblast differentiation. Stem Cells, 2020, 38, 1332-1347.	1.4	22

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37	Changes in Sleep Duration and Timing During the Middle-to-High School Transition. Journal of Adolescent Health, 2020, 67, 829-836.	1.2	20
38	Mapping effector genes at lupus GWAS loci using promoter Capture-C in follicular helper T cells. Nature Communications, 2020, 11, 3294.	5.8	44
39	IL-1 Transcriptional Responses to Lipopolysaccharides Are Regulated by a Complex of RNA Binding Proteins. Journal of Immunology, 2020, 204, 1334-1344.	0.4	12
40	Rare copy number variants in over 100,000 European ancestry subjects reveal multiple disease associations. Nature Communications, 2020, 11, 255.	5.8	48
41	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.	0.6	5
42	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, 2020, 36, 469-479.	3.1	9
43	Rare Genetic Variants of Large Effect Influence Risk of Type 1 Diabetes. Diabetes, 2020, 69, 784-795.	0.3	69
44	Intersections and Clinical Translations of Diabetes Mellitus with Cancer Promotion, Progression and Prognosis. Postgraduate Medicine, 2019, 131, 597-606.	0.9	10
45	The TCF7L2 Locus: A Genetic Window Into the Pathogenesis of Type 1 and Type 2 Diabetes. Diabetes Care, 2019, 42, 1624-1629.	4.3	43
46	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.	1.6	29
47	The Genetic Contribution to Type 1 Diabetes. Current Diabetes Reports, 2019, 19, 116.	1.7	48
48	Associations of autozygosity with a broad range of human phenotypes. Nature Communications, 2019, 10, 4957.	5.8	84
49	GWAS on longitudinal growth traits reveals different genetic factors influencing infant, child, and adult BMI. Science Advances, 2019, 5, eaaw3095.	4.7	86
50	Variants in the fetal genome near pro-inflammatory cytokine genes on 2q13 associate with gestational duration. Nature Communications, 2019, 10, 3927.	5.8	49
51	Postmenopausal osteoporotic fracture-associated COLIA1 variant impacts bone accretion in girls. Bone, 2019, 121, 221-226.	1.4	4
52	Genetic and Epigenetic Fine Mapping of Complex Trait Associated Loci in the Human Liver. American Journal of Human Genetics, 2019, 105, 89-107.	2.6	35
53	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.	1.8	20
54	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. Nature Genetics, 2019, 51, 804-814.	9.4	402

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55	Genome-scale Capture C promoter interactions implicate effector genes at GWAS loci for bone mineral density. Nature Communications, 2019, 10, 1260.	5.8	101
56	P1â€019: HIGHâ€RESOLUTION GENOMEWIDE PROMOTERâ€FOCUSED CONNECTOME IMPLICATES MICROGLIA CAUSAL GENES FOR ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2019, 15, .	0.4	0
57	SUN-LB090 Accounting for Skeletal Maturation in the Assessment of Pediatric Bone Mineral Density. Journal of the Endocrine Society, 2019, 3, .	0.1	0
58	Genome-wide association study of offspring birth weight in 86â€‰577 women identifies five novel loci and highlights maternal genetic effects that are independent of fetal genetics. Human Molecular Genetics, 2018, 27, 742-756.	1.4	156
59	Transethnic Evaluation Identifies Low-Frequency Loci Associated With 25-Hydroxyvitamin D Concentrations. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 1380-1392.	1.8	33
60	Teasing Diabetes Apart, One Locus at a Time. Diabetes Care, 2018, 41, 224-226.	4.3	2
61	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.	2.6	252
62	Prevalence of diabetes in Australia: insights from the Fremantle Diabetes Study Phase II. Internal Medicine Journal, 2018, 48, 803-809.	0.5	46
63	Physical Activity and Bone Accretion. Medicine and Science in Sports and Exercise, 2018, 50, 977-986.	0.2	3
64	Genetically Determined Later Puberty Impacts Lowered Bone Mineral Density in Childhood and Adulthood. Journal of Bone and Mineral Research, 2018, 33, 430-436.	3.1	31
65	Leveraging putative enhancer-promoter interactions to investigate two-way epistasis in Type 2 Diabetes GWAS. , 2018, , .		2
66	Multidimensional Bone Density Phenotyping Reveals New Insights Into Genetic Regulation of the Pediatric Skeleton. Journal of Bone and Mineral Research, 2018, 33, 812-821.	3.1	8
67	O3â€03â€04: A HIGH RESOLUTION CAPTUREâ€C PROMOTER INTERACTOME IMPLICATES CAUSAL GENES AT ALZHEIMER'S DISEASE GWAS LOCI. Alzheimer's and Dementia, 2018, 14, P1016.	0.4	0
68	The Dynamic Origins of Type 1 Diabetes. Diabetes Care, 2018, 41, 2441-2443.	4.3	4
69	Public resources aid diabetes gene discovery. Nature Genetics, 2018, 50, 1499-1500.	9.4	2
70	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.	4.3	99
71	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.	3.1	6
72	Genetic correlations among psychiatric and immuneâ€related phenotypes based on genomeâ€wide association data. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2018, 177, 641-657.	1.1	158

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73	Relevance of polymorphisms in MC4R and BDNF in short normal stature. BMC Pediatrics, 2018, 18, 278.	0.7	5
74	Leveraging epigenomics and contactomics data to investigate SNP pairs in GWAS. Human Genetics, 2018, 137, 413-425.	1.8	8
75	PARP-1 Inhibition Rescues Short Lifespan in Hyperglycemic C. Elegans And Improves GLP-1 Secretion in Human Cells. , 2018, 9, 17.		12
76	A Global Perspective of Latent Autoimmune Diabetes in Adults. Trends in Endocrinology and Metabolism, 2018, 29, 638-650.	3.1	59
77	Loss of Cardio-Protective Effects at the CDH13 Locus Due to Gene-Sleep Interaction: The BCAMS Study. EBioMedicine, 2018, 32, 164-171.	2.7	7
78	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. Nature Genetics, 2018, 50, 26-41.	9.4	286
79	A High Resolution Capture-C Promoter "Interactome" Implicates Causal Genes at Type 2 Diabetes GWAS Loci. Diabetes, 2018, 67, 1705-P.	0.3	1
80	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.	0.7	2
81	Candidate Loci are Revealed by an Initial Genome-wide Association Study of Juvenile Osteochondritis Dissecans. Journal of Pediatric Orthopaedics, 2017, 37, e32-e36.	0.6	23
82	A Genomewide Association Study Identifies Two Sexâ€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.	3.1	30
83	A Unified Pathophysiological Construct of Diabetes and its Complications. Trends in Endocrinology and Metabolism, 2017, 28, 645-655.	3.1	71
84	Sleep Duration and Cardiometabolic Risk Among Chinese School-aged Children: Do Adipokines Play a Mediating Role?. Sleep, 2017, 40, .	0.6	26
85	A Dementia-Associated Risk Variant near TMEM106B Alters Chromatin Architecture and Gene Expression. American Journal of Human Genetics, 2017, 101, 643-663.	2.6	87
86	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.	2.6	112
87	Bivariate genome-wide association meta-analysis of pediatric musculoskeletal traits reveals pleiotropic effects at the SREBF1/TOM1L2 locus. Nature Communications, 2017, 8, 121.	5.8	82
88	Implicating candidate genes at GWAS signals by leveraging topologically associating domains. European Journal of Human Genetics, 2017, 25, 1286-1289.	1.4	18
89	Association Between Linear Growth and Bone Accrual in a Diverse Cohort of Children and Adolescents. JAMA Pediatrics, 2017, 171, e171769.	3.3	112
90	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.	2.3	67

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91	Relative Skeletal Maturation and Population Ancestry in Nonobese Children and Adolescents. Journal of Bone and Mineral Research, 2017, 32, 115-124.	3.1	15
92	High And Low Impact Physical Activity Substitution And Pediatric Bone Density. Medicine and Science in Sports and Exercise, 2017, 49, 165-166.	0.2	0
93	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.	1.5	98
94	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.	0.8	11
95	Rare EN1 Variants and Pediatric Bone Mass. Journal of Bone and Mineral Research, 2016, 31, 1513-1517.	3.1	20
96	Physical Activity Benefits the Skeleton of Children Genetically Predisposed to Lower Bone Density in Adulthood. Journal of Bone and Mineral Research, 2016, 31, 1504-1512.	3.1	28
97	Genetic Risk Scores Implicated in Adult Bone Fragility Associate With Pediatric Bone Density. Journal of Bone and Mineral Research, 2016, 31, 789-795.	3.1	24
98	Infant BMI or Weight-for-Length and Obesity Risk in Early Childhood. Pediatrics, 2016, 137, .	1.0	135
99	Genome-wide associations for birth weight and correlations with adult disease. Nature, 2016, 538, 248-252.	13.7	406
100	Response to Comment on Schwartz et al. The Time Is Right for a New Classification System for Diabetes: Rationale and Implications of the Î²-Cellâ€“Centric Classification Schema. Diabetes Care 2016;39:179â€“186. Diabetes Care, 2016, 39, e129-e130.	4.3	3
101	The type 2 diabetes presumed causal variant within TCF7L2 resides in an element that controls the expression of ACSL5. Diabetologia, 2016, 59, 2360-2368.	2.9	68
102	A genome-wide association meta-analysis of diarrhoeal disease in young children identifiesFUT2locus and provides plausible biological pathways. Human Molecular Genetics, 2016, 25, 4127-4142.	1.4	35
103	Type 2 Diabetes Genes Gleaned by Making a Î²-Cell Screen Routine. Diabetes, 2016, 65, 3541-3543.	0.3	0
104	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.	1.4	12
105	Transcription Factor 7-Like 2 (TCF7L2). , 2016, , 297-316.		1
106	Genetics of Type 2 Diabetes. , 2016, , 141-157.		0
107	The Time Is Right for a New Classification System for Diabetes: Rationale and Implications of the Î²-Cellâ€“Centric Classification Schema. Diabetes Care, 2016, 39, 179-186.	4.3	244
108	Impact of Common Diabetes Risk Variant in MTNR1B on Sleep, Circadian, and Melatonin Physiology. Diabetes, 2016, 65, 1741-1751.	0.3	75

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109	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, 1816-1825.	1.8	59
110	Genetic Evidence for Causal Relationships Between Maternal Obesity-Related Traits and Birth Weight. JAMA - Journal of the American Medical Association, 2016, 315, 1129.	3.8	220
111	Genome-wide association analysis identifies three new susceptibility loci for childhood body mass index. Human Molecular Genetics, 2016, 25, 389-403.	1.4	275
112	Genetics of pediatric bone strength. BoneKEy Reports, 2016, 5, 823.	2.7	18
113	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.	3.9	150
114	Pathway-Based Genome-wide Association Studies Reveal That the Rac1 Pathway Is Associated with Plasma Adiponectin Levels. Scientific Reports, 2015, 5, 13422.	1.6	14
115	Genetics of Bone Mass in Childhood and Adolescence: Effects of Sex and Maturation Interactions. Journal of Bone and Mineral Research, 2015, 30, 1676-1683.	3.1	39
116	Pathway-Based Genome-Wide Association Studies for Plasma Triglycerides in Obese Females and Normal-Weight Controls. PLoS ONE, 2015, 10, e0134923.	1.1	16
117	BMD Loci Contribute to Ethnic and Developmental Differences in Skeletal Fragility across Populations: Assessment of Evolutionary Selection Pressures. Molecular Biology and Evolution, 2015, 32, 2961-2972.	3.5	29
118	DNA binding by FOXP3 domain-swapped dimer suggests mechanisms of long-range chromosomal interactions. Nucleic Acids Research, 2015, 43, 1268-1282.	6.5	49
119	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, 103-109.	1.4	18
120	Directional dominance on stature and cognition inÂdiverse human populations. Nature, 2015, 523, 459-462.	13.7	173
121	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, 5053-5059.	1.4	48
122	Ethnic disparities in DNA methylation and risk of type 2 diabetes. Lancet Diabetes and Endocrinology,the, 2015, 3, 491-492.	5.5	4
123	The type 2 diabetes associated rs7903146 T allele within TCF7L2 is significantly under-represented in Hereditary Multiple Exostoses: Insights into pathogenesis. Bone, 2015, 72, 123-127.	1.4	8
124	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, 1551-1560.	1.8	48
125	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, 3582-3594.	1.4	53
126	The Genetics of Pediatric Obesity. Trends in Endocrinology and Metabolism, 2015, 26, 711-721.	3.1	66

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127	Genetic sharing and heritability of paediatric age of onset autoimmune diseases. Nature Communications, 2015, 6, 8442.	5.8	58
128	Genetics of Type 2 Diabetes. , 2015, , 1-21.		0
129	Meta-analysis of shared genetic architecture across ten pediatric autoimmune diseases. Nature Medicine, 2015, 21, 1018-1027.	15.2	212
130	Allelic Expression Imbalance: Tipping the Scales to Elucidate the Function of Type 2 Diabetesâ€“Associated Loci: Figure 1. Diabetes, 2015, 64, 1102-1104.	0.3	3
131	A novel common variant in DCST2 is associated with length in early life and height in adulthood. Human Molecular Genetics, 2015, 24, 1155-1168.	1.4	109
132	Genetic Susceptibility to Type 2 Diabetes and Obesity: Follow-Up of Findings from Genome-Wide Association Studies. International Journal of Endocrinology, 2014, 2014, 1-13.	0.6	62
133	GATA Factors Promote ER Integrity and Î²-Cell Survival and Contribute to Type 1 Diabetes Risk. Molecular Endocrinology, 2014, 28, 28-39.	3.7	17
134	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.	1.2	17
135	Association ofTCF7L2variation with single islet autoantibody expression in children with type 1 diabetes. BMJ Open Diabetes Research and Care, 2014, 2, e000008.	1.2	31
136	Sleep duration does not mediate or modify association of common genetic variants with type 2 diabetes. Diabetologia, 2014, 57, 339-346.	2.9	10
137	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.	1.5	17
138	Overlap of Genetic Susceptibility to Type 1 Diabetes, Type 2 Diabetes, and Latent Autoimmune Diabetes in Adults. Current Diabetes Reports, 2014, 14, 550.	1.7	40
139	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-E1585.	1.8	6
140	Genetic Variation in Genes Encoding Airway Epithelial Potassium Channels Is Associated with Chronic Rhinosinusitis in a Pediatric Population. PLoS ONE, 2014, 9, e89329.	1.1	24
141	Transcriptome Profiling of Human Ulcerative Colitis Mucosa Reveals Altered Expression of Pathways Enriched in Genetic Susceptibility Loci. PLoS ONE, 2014, 9, e96153.	1.1	8
142	Genetics of Childhood Obesity. , 2014, , 71-91.		1
143	PECONPI: A novel software for uncovering pathogenic copy number variations in nonâ€syndromic sensorineural hearing loss and other genetically heterogeneous disorders. American Journal of Medical Genetics, Part A, 2013, 161, 2134-2147.	0.7	5
144	Genome-wide association and longitudinal analyses reveal genetic loci linking pubertal height growth, pubertal timing and childhood adiposity. Human Molecular Genetics, 2013, 22, 2735-2747.	1.4	188

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145	Obesity-susceptibility loci and the tails of the pediatric BMI distribution. Obesity, 2013, 21, 1256-1260.	1.5	39
146	Copy Number Variation on Chromosome 10q26.3 for Obesity Identified by a Genome-Wide Study. Journal of Clinical Endocrinology and Metabolism, 2013, 98, E191-E195.	1.8	19
147	A meta-analysis identifies new loci associated with body mass index in individuals of African ancestry. Nature Genetics, 2013, 45, 690-696.	9.4	232
148	Genome-Wide Association of Body Fat Distribution in African Ancestry Populations Suggests New Loci. PLoS Genetics, 2013, 9, e1003681.	1.5	109
149	GWAS of blood cell traits identifies novel associated loci and epistatic interactions in Caucasian and African-American children. Human Molecular Genetics, 2013, 22, 1457-1464.	1.4	82
150	Transferability and Fine Mapping of Type 2 Diabetes Loci in African Americans. Diabetes, 2013, 62, 965-976.	0.3	59
151	A genome wide association study of plasma uric acid levels in obese cases and neverâ€overweight controls. Obesity, 2013, 21, E490-4.	1.5	29
152	The genetics of human obesity. Annals of the New York Academy of Sciences, 2013, 1281, 178-190.	1.8	150
153	The missense variation landscape of FTO, MC4R, and TMEM18 in obese children of African Ancestry. Obesity, 2013, 21, 159-163.	1.5	22
154	New loci associated with birth weight identify genetic links between intrauterine growth and adult height and metabolism. Nature Genetics, 2013, 45, 76-82.	9.4	293
155	Generation of High Quality Chromatin Immunoprecipitation DNA Template for High-throughput Sequencing (ChIP-seq). Journal of Visualized Experiments, 2013, , .	0.2	12
156	Copy Number Variations in Alternative Splicing Gene Networks Impact Lifespan. PLoS ONE, 2013, 8, e53846.	1.1	13
157	Genetics of Obesity and Type 2 Diabetes in African Americans. Journal of Obesity, 2013, 2013, 1-12.	1.1	24
158	Identical Osteochondritis Dissecans Lesions of the Knee in Sets of Monozygotic Twins. Orthopedics, 2013, 36, e1559-62.	0.5	16
159	Common variants at 6q22 and 17q21 are associated with intracranial volume. Nature Genetics, 2012, 44, 539-544.	9.4	126
160	Common variants at 12q15 and 12q24 are associated with infant head circumference. Nature Genetics, 2012, 44, 532-538.	9.4	130
161	Understanding the Elusive Mechanism of Action of TCF7L2 in Metabolism. Diabetes, 2012, 61, 2657-2658.	0.3	11
162	A genome-wide association meta-analysis identifies new childhood obesity loci. Nature Genetics, 2012, 44, 526-531.	9.4	352

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163	Genome-wide copy number variation study associates metabotropic glutamate receptor gene networks with attention deficit hyperactivity disorder. Nature Genetics, 2012, 44, 78-84.	9.4	334
164	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	11
165	Large-Scale Gene-Centric Meta-Analysis across 39 Studies Identifies Type 2 Diabetes Loci. American Journal of Human Genetics, 2012, 90, 410-425.	2.6	239
166	Examination of genetic variants influencing lipid traits in pediatric populations. Journal of Pediatric Genetics, 2012, 1, 85-98.	0.3	4
167	Developmental origins of genotype-phenotype correlations in chronic diseases of old age. , 2012, 3, 385-403.		1
168	Genetic risk and a primary role for cell-mediated immune mechanisms in multiple sclerosis. Nature, 2011, 476, 214-219.	13.7	2,400
169	Role of BMIâ€Associated Loci Identified in GWAS Metaâ€Analyses in the Context of Common Childhood Obesity in European Americans. Obesity, 2011, 19, 2436-2439.	1.5	88
170	Planning a genome-wide association study: Points to consider. Annals of Medicine, 2011, 43, 451-460.	1.5	15
171	BMDâ€Associated Variation at the Osterix Locus Is Correlated With Childhood Obesity in Females. Obesity, 2011, 19, 1311-1314.	1.5	22
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173	Pathway-Wide Association Study Implicates Multiple Sterol Transport and Metabolism Genes in HDL Cholesterol Regulation. Frontiers in Genetics, 2011, 2, 41.	1.1	13
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