

Diana L Cousminer

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

5,844
citations

172457

29
h-index

149698

56
g-index

59
all docs

59
docs citations

59
times ranked

10772
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	3.1	21
2	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.	4.5	15
3	Genome-wide association study implicates novel loci and reveals candidate effector genes for longitudinal pediatric bone accrual. Genome Biology, 2021, 22, 1.	8.8	239
4	3D promoter architecture re-organization during iPSC-derived neuronal cell differentiation implicates target genes for neurodevelopmental disorders. Progress in Neurobiology, 2021, 201, 102000.	5.7	24
5	Biological constraints on GWAS SNPs at suggestive significance thresholds reveal additional BMI loci. ELife, 2021, 10, .	6.0	27
6	CYP11B1 variants influence skeletal maturation via alternative splicing. Communications Biology, 2021, 4, 1274.	4.4	3
7	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.	12.8	11
8	Genetic variants affecting bone mineral density and bone mineral content at multiple skeletal sites in Hispanic children. Bone, 2020, 132, 115175.	2.9	13
9	Genetic Discrimination Between LADA and Childhood-Onset Type 1 Diabetes Within the MHC. Diabetes Care, 2020, 43, 418-425.	8.6	23
10	Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. PLoS Genetics, 2020, 16, e1008718.	3.5	95
11	Pubertal timing and body mass: Genes involved. Current Opinion in Endocrine and Metabolic Research, 2020, 14, 117-126.	1.4	6
12	Genetics of early growth traits. Human Molecular Genetics, 2020, 29, R66-R72.	2.9	9
13	Type 1 diabetes in Africa: an immunogenetic study in the Amhara of North-West Ethiopia. Diabetologia, 2020, 63, 2158-2168.	6.3	17
14	Regulation of cellular sterol homeostasis by the oxygen responsive noncoding RNA lincNORS. Nature Communications, 2020, 11, 4755.	12.8	12
15	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.	3.2	1
16	Genetically Determined Birthweight Associates With Atrial Fibrillation. Circulation Genomic and Precision Medicine, 2020, 13, e002553.	3.6	13
17	A trans-ancestral meta-analysis of genome-wide association studies reveals loci associated with childhood obesity. Human Molecular Genetics, 2019, 28, 3327-3338.	2.9	76
18	Associations of autozygosity with a broad range of human phenotypes. Nature Communications, 2019, 10, 4957.	12.8	84

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19	GWAS on longitudinal growth traits reveals different genetic factors influencing infant, child, and adult BMI. <i>Science Advances</i> , 2019, 5, eaaw3095.	10.3	86
20	Postmenopausal osteoporotic fracture-associated COL1A1 variant impacts bone accretion in girls. <i>Bone</i> , 2019, 121, 221-226.	2.9	4
21	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. <i>Nature Genetics</i> , 2019, 51, 804-814.	21.4	402
22	SUN-LB090 Accounting for Skeletal Maturation in the Assessment of Pediatric Bone Mineral Density. <i>Journal of the Endocrine Society</i> , 2019, 3, .	0.2	0
23	Physical Activity and Bone Accretion. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 977-986.	0.4	3
24	Genetically Determined Later Puberty Impacts Lowered Bone Mineral Density in Childhood and Adulthood. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 430-436.	2.8	31
25	Multidimensional Bone Density Phenotyping Reveals New Insights Into Genetic Regulation of the Pediatric Skeleton. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 812-821.	2.8	8
26	Public resources aid diabetes gene discovery. <i>Nature Genetics</i> , 2018, 50, 1499-1500.	21.4	2
27	First Genome-Wide Association Study of Latent Autoimmune Diabetes in Adults Reveals Novel Insights Linking Immune and Metabolic Diabetes. <i>Diabetes Care</i> , 2018, 41, 2396-2403.	8.6	99
28	Relevance of polymorphisms in MC4R and BDNF in short normal stature. <i>BMC Pediatrics</i> , 2018, 18, 278.	1.7	5
29	A Global Perspective of Latent Autoimmune Diabetes in Adults. <i>Trends in Endocrinology and Metabolism</i> , 2018, 29, 638-650.	7.1	59
30	A Genomewide Association Study Identifies Two Sex-specific Loci, at <i>SPTB</i> and <i>IZUMO3</i> , Influencing Pediatric Bone Mineral Density at Multiple Skeletal Sites. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 1274-1281.	2.8	30
31	Genomic analyses identify hundreds of variants associated with age at menarche and support a role for puberty timing in cancer risk. <i>Nature Genetics</i> , 2017, 49, 834-841.	21.4	426
32	Low-Frequency Synonymous Coding Variation in CYP2R1 Has Large Effects on Vitamin D Levels and Risk of Multiple Sclerosis. <i>American Journal of Human Genetics</i> , 2017, 101, 227-238.	6.2	112
33	Association Between Linear Growth and Bone Accrual in a Diverse Cohort of Children and Adolescents. <i>JAMA Pediatrics</i> , 2017, 171, e171769.	6.2	112
34	Relative contribution of type 1 and type 2 diabetes loci to the genetic etiology of adult-onset, non-insulin-requiring autoimmune diabetes. <i>BMC Medicine</i> , 2017, 15, 88.	5.5	67
35	Relative Skeletal Maturation and Population Ancestry in Nonobese Children and Adolescents. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 115-124.	2.8	15
36	Rare <i>EN1</i> Variants and Pediatric Bone Mass. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 1513-1517.	2.8	20

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37	Genome-wide associations for birth weight and correlations with adult disease. <i>Nature</i> , 2016, 538, 248-252.	27.8	406
38	Assessing the general population frequency of rare coding variants in the EXT1 and EXT2 genes previously implicated in hereditary multiple exostoses. <i>Bone</i> , 2016, 92, 196-200.	2.9	12
39	The genetics of pubertal timing in the general population. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2016, 23, 57-65.	2.3	40
40	Sex-specific regulation of weight and puberty by the Lin28/let-7 axis. <i>Journal of Endocrinology</i> , 2016, 228, 179-191.	2.6	52
41	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. <i>Nature Communications</i> , 2016, 7, 10495.	12.8	245
42	Genome-wide association analysis identifies three new susceptibility loci for childhood body mass index. <i>Human Molecular Genetics</i> , 2016, 25, 389-403.	2.9	275
43	Genetics of pediatric bone strength. <i>BoneKey Reports</i> , 2016, 5, 823.	2.7	18
44	A novel common variant in DCST2 is associated with length in early life and height in adulthood. <i>Human Molecular Genetics</i> , 2015, 24, 1155-1168.	2.9	109
45	Targeted Resequencing of the Pericentromere of Chromosome 2 Linked to Constitutional Delay of Growth and Puberty. <i>PLoS ONE</i> , 2015, 10, e0128524.	2.5	10
46	Genome-wide association study of sexual maturation in males and females highlights a role for body mass and menarche loci in male puberty. <i>Human Molecular Genetics</i> , 2014, 23, 4452-4464.	2.9	82
47	Parent-of-origin-specific allelic associations among 106 genomic loci for age at menarche. <i>Nature</i> , 2014, 514, 92-97.	27.8	548
48	Genome-wide association and longitudinal analyses reveal genetic loci linking pubertal height growth, pubertal timing and childhood adiposity. <i>Human Molecular Genetics</i> , 2013, 22, 2735-2747.	2.9	188
49	Association of Adiposity Genetic Variants With Menarche Timing in 92,105 Women of European Descent. <i>American Journal of Epidemiology</i> , 2013, 178, 451-460.	3.4	51
50	New loci associated with birth weight identify genetic links between intrauterine growth and adult height and metabolism. <i>Nature Genetics</i> , 2013, 45, 76-82.	21.4	293
51	Common variants at 12q15 and 12q24 are associated with infant head circumference. <i>Nature Genetics</i> , 2012, 44, 532-538.	21.4	130
52	Pubertal Timing and Growth Influences Cardiometabolic Risk Factors in Adult Males and Females. <i>Diabetes Care</i> , 2012, 35, 850-856.	8.6	107
53	A genome-wide association meta-analysis identifies new childhood obesity loci. <i>Nature Genetics</i> , 2012, 44, 526-531.	21.4	352
54	Distinct Variants at LIN28B Influence Growth in Height from Birth to Adulthood. <i>American Journal of Human Genetics</i> , 2010, 86, 773-782.	6.2	81

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55	Variants in ADCY5 and near CCNL1 are associated with fetal growth and birth weight. Nature Genetics, 2010, 42, 430-435.	21.4	223
56	Thirty new loci for age at menarche identified by a meta-analysis of genome-wide association studies. Nature Genetics, 2010, 42, 1077-1085.	21.4	445