Tsegaselassie Workalemahu

List of Publications by Year
in descending order

46	14,783	304743 22	206112 48
papers	citations	h-index	g-index

53	53	53	22817
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genetic studies of body mass index yield new insights for obesity biology. Nature, 2015, 518, 197-206.	27.8	3,823
2	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. Nature Genetics, 2010, 42, 937-948.	21.4	2,634
3	Defining the role of common variation in the genomic and biological architecture of adult human height. Nature Genetics, 2014, 46, 1173-1186.	21.4	1,818
4	Hundreds of variants clustered in genomic loci and biological pathways affect human height. Nature, 2010, 467, 832-838.	27.8	1,789
5	New genetic loci link adipose and insulin biology to body fat distribution. Nature, 2015, 518, 187-196.	27.8	1,328
6	Meta-analysis identifies 13 new loci associated with waist-hip ratio and reveals sexual dimorphism in the genetic basis of fat distribution. Nature Genetics, 2010, 42, 949-960.	21.4	836
7	Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. Nature Genetics, 2013, 45, 501-512.	21.4	578
8	Quality control and conduct of genome-wide association meta-analyses. Nature Protocols, 2014, 9, 1192-1212.	12.0	398
9	Sex-stratified Genome-wide Association Studies Including 270,000 Individuals Show Sexual Dimorphism in Genetic Loci for Anthropometric Traits. PLoS Genetics, 2013, 9, e1003500.	3.5	371
10	Novel locus including FGF21 is associated with dietary macronutrient intake. Human Molecular Genetics, 2013, 22, 1895-1902.	2.9	167
11	Genome-wide physical activity interactions in adiposity â€• A meta-analysis of 200,452 adults. PLoS Genetics, 2017, 13, e1006528.	3.5	158
12	Genome-wide analysis of BMI in adolescents and young adults reveals additional insight into the effects of genetic loci over the life course. Human Molecular Genetics, 2013, 22, 3597-3607.	2.9	116
13	Genomics of body fat percentage may contribute to sex bias in anorexia nervosa. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2019, 180, 428-438.	1.7	87
14	Genetic variants, plasma lipoprotein(a) levels, and risk of cardiovascular morbidity and mortality among two prospective cohorts of type 2 diabetes. European Heart Journal, 2012, 33, 325-334.	2.2	81
15	Meta-analysis of Gene-Level Associations for Rare Variants Based on Single-Variant Statistics. American Journal of Human Genetics, 2013, 93, 236-248.	6.2	60
16	Genetic correlations of psychiatric traits with body composition and glycemic traits are sex- and age-dependent. Nature Communications, 2019, 10, 5765.	12.8	59
17	Sex differences in the associations of placental epigenetic aging with fetal growth. Aging, 2019, 11, 5412-5432.	3.1	44
18	Genetic and Environmental Influences on Fetal Growth Vary during Sensitive Periods in Pregnancy. Scientific Reports, 2018, 8, 7274.	3.3	38

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19	Placental DNA methylation changes associated with maternal prepregnancy BMI and gestational weight gain. International Journal of Obesity, 2020, 44, 1406-1416.	3.4	31
20	Maternal dyslipidemia during early pregnancy and epigenetic ageing of the placenta. Epigenetics, 2019, 14, 1030-1039.	2.7	30
21	DNA methylation loci in placenta associated with birthweight and expression of genes relevant for early development and adult diseases. Clinical Epigenetics, 2020, 12, 78.	4.1	28
22	Birth Weight, Genetic Susceptibility, and Adulthood Risk of Type 2 Diabetes. Diabetes Care, 2012, 35, 2479-2484.	8.6	24
23	Physical Activity and Metabolic Syndrome among Ethiopian Adults. American Journal of Hypertension, 2013, 26, 535-540.	2.0	21
24	Differential DNA Methylation in Placenta Associated With Maternal Blood Pressure During Pregnancy. Hypertension, 2020, 75, 1117-1124.	2.7	20
25	Genetic Determinants for Body Iron Store and Type 2 Diabetes Risk in US Men and Women. PLoS ONE, 2012, 7, e40919.	2.5	19
26	Placental genetic variations in vitamin D metabolism and birthweight. Placenta, 2017, 50, 78-83.	1.5	17
27	Shared genetic underpinnings of childhood obesity and adult cardiometabolic diseases. Human Genomics, 2019, 13, 17.	2.9	17
28	Genetic variations related to maternal whole blood mitochondrial DNA copy number: a genome-wide and candidate gene study. Journal of Maternal-Fetal and Neonatal Medicine, 2017, 30, 2433-2439.	1.5	15
29	Genetic variations and risk of placental abruption: A genome-wide association study and meta-analysis of genome-wide association studies. Placenta, 2018, 66, 8-16.	1.5	15
30	Abruptio placentae risk and genetic variations in mitochondrial biogenesis and oxidative phosphorylation: replication of a candidate gene association study. American Journal of Obstetrics and Gynecology, 2018, 219, 617.e1-617.e17.	1.3	15
31	Trans-ethnic meta-analysis of genome-wide association studies identifies maternal ITPR1 as a novel locus influencing fetal growth during sensitive periods in pregnancy. PLoS Genetics, 2020, 16, e1008747.	3.5	13
32	Maternal cardiometabolic factors and genetic ancestry influence epigenetic aging of the placenta. Journal of Developmental Origins of Health and Disease, 2021, 12, 34-41.	1.4	13
33	Placental multi-omics integration identifies candidate functional genes for birthweight. Nature Communications, 2022, 13, 2384.	12.8	13
34	High burden of birthweight-lowering genetic variants in Africans and Asians. BMC Medicine, 2018, 16, 70.	5.5	12
35	Early pregnancy dyslipidemia is associated with placental DNA methylation at loci relevant for cardiometabolic diseases. Epigenomics, 2020, 12, 921-934.	2.1	12
36	Genome-wide and candidate gene association studies of placental abruption. International Journal of Molecular Epidemiology and Genetics, 2013, 4, 128-39.	0.4	11

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37	Raceâ€“ethnic differences in the associations of maternal lipid trait genetic risk scores with longitudinal fetal growth. Journal of Clinical Lipidology, 2019, 13, 821-831.	1.5	8
38	Placental telomere length and risk of placental abruption. Journal of Maternal-Fetal and Neonatal Medicine, 2016, 29, 2767-2772.	1.5	6
39	Influence of Fetal and Maternal Genetic Susceptibility to Obesity on Birthweight in African Ancestry Populations. Frontiers in Genetics, 2018, 9, 511.	2.3	6
40	Maternal and Offspring Genetic Risk of Type 2 Diabetes and Offspring Birthweight Among African Ancestry Populations. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 5032-5042.	3.6	5
41	Maternal BMIâ€Increasing Genetic Risk Score and Fetal Weights among Diverse US Ethnic Groups. Obesity, 2019, 27, 1150-1160.	3.0	5
42	Genetic overlap between birthweight and adult cardiometabolic diseases has implications for genomic medicine. Scientific Reports, 2019, 9, 4076.	3.3	5
43	Admixture mapping identifies African and Amerindigenous local ancestry loci associated with fetal growth. Human Genetics, 2021, 140, 985-997.	3.8	5
44	Associations of perinatal exposure to PM2.5 with gestational weight gain and offspring birth weight. Environmental Research, 2022, 204, 112087.	7.5	4
45	Maternal-fetal genetic interactions, imprinting, and risk of placental abruption. Journal of Maternal-Fetal and Neonatal Medicine, 2022, 35, 3473-3482.	1.5	3
46	Associations of maternal blood pressure-raising polygenic risk scores with fetal weight. Journal of Human Hypertension, 2021, , .	2.2	3