

# Tsegasselassie Workalemahu

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

14,783  
citations

304743

22  
h-index

206112

48  
g-index

53  
all docs

53  
docs citations

53  
times ranked

22817  
citing authors

#	ARTICLE	IF	CITATIONS
1	Maternal-fetal genetic interactions, imprinting, and risk of placental abruption. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2022, 35, 3473-3482.	1.5	3
2	Associations of perinatal exposure to PM2.5 with gestational weight gain and offspring birth weight. <i>Environmental Research</i> , 2022, 204, 112087.	7.5	4
3	Placental multi-omics integration identifies candidate functional genes for birthweight. <i>Nature Communications</i> , 2022, 13, 2384.	12.8	13
4	Maternal cardiometabolic factors and genetic ancestry influence epigenetic aging of the placenta. <i>Journal of Developmental Origins of Health and Disease</i> , 2021, 12, 34-41.	1.4	13
5	Associations of maternal blood pressure-raising polygenic risk scores with fetal weight. <i>Journal of Human Hypertension</i> , 2021, , .	2.2	3
6	Admixture mapping identifies African and Amerindigenous local ancestry loci associated with fetal growth. <i>Human Genetics</i> , 2021, 140, 985-997.	3.8	5
7	Early pregnancy dyslipidemia is associated with placental DNA methylation at loci relevant for cardiometabolic diseases. <i>Epigenomics</i> , 2020, 12, 921-934.	2.1	12
8	Trans-ethnic meta-analysis of genome-wide association studies identifies maternal ITPR1 as a novel locus influencing fetal growth during sensitive periods in pregnancy. <i>PLoS Genetics</i> , 2020, 16, e1008747.	3.5	13
9	DNA methylation loci in placenta associated with birthweight and expression of genes relevant for early development and adult diseases. <i>Clinical Epigenetics</i> , 2020, 12, 78.	4.1	28
10	Placental DNA methylation changes associated with maternal prepregnancy BMI and gestational weight gain. <i>International Journal of Obesity</i> , 2020, 44, 1406-1416.	3.4	31
11	Differential DNA Methylation in Placenta Associated With Maternal Blood Pressure During Pregnancy. <i>Hypertension</i> , 2020, 75, 1117-1124.	2.7	20
12	Raceâ€œethnic differences in the associations of maternal lipid trait genetic risk scores with longitudinal fetal growth. <i>Journal of Clinical Lipidology</i> , 2019, 13, 821-831.	1.5	8
13	Maternal and Offspring Genetic Risk of Type 2 Diabetes and Offspring Birthweight Among African Ancestry Populations. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 5032-5042.	3.6	5
14	Maternal BMIâ€œIncreasing Genetic Risk Score and Fetal Weights among Diverse US Ethnic Groups. <i>Obesity</i> , 2019, 27, 1150-1160.	3.0	5
15	Maternal dyslipidemia during early pregnancy and epigenetic ageing of the placenta. <i>Epigenetics</i> , 2019, 14, 1030-1039.	2.7	30
16	Shared genetic underpinnings of childhood obesity and adult cardiometabolic diseases. <i>Human Genomics</i> , 2019, 13, 17.	2.9	17
17	Genetic overlap between birthweight and adult cardiometabolic diseases has implications for genomic medicine. <i>Scientific Reports</i> , 2019, 9, 4076.	3.3	5
18	Genetic correlations of psychiatric traits with body composition and glycemic traits are sex- and age-dependent. <i>Nature Communications</i> , 2019, 10, 5765.	12.8	59

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19	Genomics of body fat percentage may contribute to sex bias in anorexia nervosa. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2019, 180, 428-438.	1.7	87
20	Sex differences in the associations of placental epigenetic aging with fetal growth. <i>Aging</i> , 2019, 11, 5412-5432.	3.1	44
21	Genetic variations and risk of placental abruption: A genome-wide association study and meta-analysis of genome-wide association studies. <i>Placenta</i> , 2018, 66, 8-16.	1.5	15
22	Influence of Fetal and Maternal Genetic Susceptibility to Obesity on Birthweight in African Ancestry Populations. <i>Frontiers in Genetics</i> , 2018, 9, 511.	2.3	6
23	Abruptio placentae risk and genetic variations in mitochondrial biogenesis and oxidative phosphorylation: replication of a candidate gene association study. <i>American Journal of Obstetrics and Gynecology</i> , 2018, 219, 617.e1-617.e17.	1.3	15
24	Genetic and Environmental Influences on Fetal Growth Vary during Sensitive Periods in Pregnancy. <i>Scientific Reports</i> , 2018, 8, 7274.	3.3	38
25	High burden of birthweight-lowering genetic variants in Africans and Asians. <i>BMC Medicine</i> , 2018, 16, 70.	5.5	12
26	Placental genetic variations in vitamin D metabolism and birthweight. <i>Placenta</i> , 2017, 50, 78-83.	1.5	17
27	Genetic variations related to maternal whole blood mitochondrial DNA copy number: a genome-wide and candidate gene study. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2017, 30, 2433-2439.	1.5	15
28	Genome-wide physical activity interactions in adiposity â€• A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , 2017, 13, e1006528.	3.5	158
29	Placental telomere length and risk of placental abruption. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2016, 29, 2767-2772.	1.5	6
30	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015, 518, 187-196.	27.8	1,328
31	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015, 518, 197-206.	27.8	3,823
32	Defining the role of common variation in the genomic and biological architecture of adult human height. <i>Nature Genetics</i> , 2014, 46, 1173-1186.	21.4	1,818
33	Quality control and conduct of genome-wide association meta-analyses. <i>Nature Protocols</i> , 2014, 9, 1192-1212.	12.0	398
34	Meta-analysis of Gene-Level Associations for Rare Variants Based on Single-Variant Statistics. <i>American Journal of Human Genetics</i> , 2013, 93, 236-248.	6.2	60
35	Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. <i>Nature Genetics</i> , 2013, 45, 501-512.	21.4	578
36	Genome-wide analysis of BMI in adolescents and young adults reveals additional insight into the effects of genetic loci over the life course. <i>Human Molecular Genetics</i> , 2013, 22, 3597-3607.	2.9	116

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37	Physical Activity and Metabolic Syndrome among Ethiopian Adults. American Journal of Hypertension, 2013, 26, 535-540.	2.0	21
38	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
39	Novel locus including FGF21 is associated with dietary macronutrient intake. Human Molecular Genetics, 2013, 22, 1895-1902.	2.9	167
40	Genome-wide and candidate gene association studies of placental abruption. International Journal of Molecular Epidemiology and Genetics, 2013, 4, 128-39.	0.4	11
41	Birth Weight, Genetic Susceptibility, and Adulthood Risk of Type 2 Diabetes. Diabetes Care, 2012, 35, 2479-2484.	8.6	24
42	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
43	Genetic Determinants for Body Iron Store and Type 2 Diabetes Risk in US Men and Women. PLoS ONE, 2012, 7, e40919.	2.5	19
44	Hundreds of variants clustered in genomic loci and biological pathways affect human height. Nature, 2010, 467, 832-838.	27.8	1,789
45	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
46	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