

Fasil Tekola-Ayele

List of Publications by Year in descending order

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Version: 2024-02-01

106
papers

3,230
citations

212478

28
h-index

206121

51
g-index

109
all docs

109
docs citations

109
times ranked

6445
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.	0.7	3
2	Ancestry-Matched and Cross-Ancestry Genetic Risk Scores of Type 2 Diabetes in Pregnant Women and Fetal Growth: A Study in an Ancestrally Diverse Cohort. <i>Diabetes</i> , 2022, 71, 340-349.	0.3	0
3	Using polygenic scores and clinical data for bipolar disorder patient stratification and lithium response prediction: machine learning approach. <i>British Journal of Psychiatry</i> , 2022, 220, 219-228.	1.7	11
4	Unified standard for fetal growth: the Eunice Kennedy Shriver National Institute of Child Health and Human Development Fetal Growth Studies. <i>American Journal of Obstetrics and Gynecology</i> , 2022, 226, 576-587.e2.	0.7	13
5	Sex-specific placental gene expression signatures of small for gestational age at birth. <i>Placenta</i> , 2022, 121, 82-90.	0.7	4
6	Placental multi-omics integration identifies candidate functional genes for birthweight. <i>Nature Communications</i> , 2022, 13, 2384.	5.8	13
7	Recreational physical activity before and during pregnancy and placental DNA methylation—an epigenome-wide association study. <i>American Journal of Clinical Nutrition</i> , 2022, 116, 1168-1183.	2.2	7
8	Association of polygenic score for major depression with response to lithium in patients with bipolar disorder. <i>Molecular Psychiatry</i> , 2021, 26, 2457-2470.	4.1	44
9	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.	0.7	13
10	Invited Commentary: Epigenetic Clocks and Obesity—Towards the Next Frontier Using Integrative Approaches and Early-Life Models. <i>American Journal of Epidemiology</i> , 2021, 190, 994-997.	1.6	2
11	Associations of maternal blood pressure-raising polygenic risk scores with fetal weight. <i>Journal of Human Hypertension</i> , 2021, , .	1.0	3
12	Admixture mapping identifies African and Amerindigenous local ancestry loci associated with fetal growth. <i>Human Genetics</i> , 2021, 140, 985-997.	1.8	5
13	Replication of HLA class II locus association with susceptibility to podoconiosis in three Ethiopian ethnic groups. <i>Scientific Reports</i> , 2021, 11, 3285.	1.6	5
14	Association Between Maternal Caffeine Consumption and Metabolism and Neonatal Anthropometry. <i>JAMA Network Open</i> , 2021, 4, e213238.	2.8	21
15	Plasma lipidomics profile in pregnancy and gestational diabetes risk: a prospective study in a multiracial/ethnic cohort. <i>BMJ Open Diabetes Research and Care</i> , 2021, 9, e001551.	1.2	31
16	Omics community detection using multi-resolution clustering. <i>Bioinformatics</i> , 2021, 37, 3588-3594.	1.8	6
17	Genetic and <i>in utero</i> environmental contributions to DNA methylation variation in placenta. <i>Human Molecular Genetics</i> , 2021, 30, 1968-1976.	1.4	12
18	HLA-DRB1 and HLA-DQB1 genetic diversity modulates response to lithium in bipolar affective disorders. <i>Scientific Reports</i> , 2021, 11, 17823.	1.6	10

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19	Impact of depression and stress on placental DNA methylation in ethnically diverse pregnant women. <i>Epigenomics</i> , 2021, 13, 1485-1496.	1.0	10
20	Acute ambient air pollution exposure and placental Doppler results in the NICHD fetal growth studies "Singleton cohort. <i>Environmental Research</i> , 2021, 202, 111728.	3.7	4
21	Pleiotropic genetic influence on birth weight and childhood obesity. <i>Scientific Reports</i> , 2021, 11, 48.	1.6	10
22	Placental Gene Co-expression Network for Maternal Plasma Lipids Revealed Enrichment of Inflammatory Response Pathways. <i>Frontiers in Genetics</i> , 2021, 12, 681095.	1.1	1
23	Association between early gestation passive smoke exposure and neonatal size among self-reported non-smoking women by race/ethnicity: A cohort study. <i>PLoS ONE</i> , 2021, 16, e0256676.	1.1	2
24	Combining schizophrenia and depression polygenic risk scores improves the genetic prediction of lithium response in bipolar disorder patients. <i>Translational Psychiatry</i> , 2021, 11, 606.	2.4	25
25	Editorial: Genetic and Epigenetic Insights Into the Developmental Origins of Health and Disease. <i>Frontiers in Genetics</i> , 2021, 12, 814126.	1.1	1
26	Association of Maternal Exposure to Persistent Organic Pollutants in Early Pregnancy With Fetal Growth. <i>JAMA Pediatrics</i> , 2020, 174, 149.	3.3	70
27	Concentrations of persistent organic pollutants in maternal plasma and epigenome-wide placental DNA methylation. <i>Clinical Epigenetics</i> , 2020, 12, 103.	1.8	49
28	Early pregnancy dyslipidemia is associated with placental DNA methylation at loci relevant for cardiometabolic diseases. <i>Epigenomics</i> , 2020, 12, 921-934.	1.0	12
29	Maternal Socioeconomic Factors and Racial/Ethnic Differences in Neonatal Anthropometry. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7323.	1.2	4
30	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.	1.5	13
31	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.	1.8	28
32	Plasma Prolactin and Progesterone Levels and the Risk of Gestational Diabetes: A Prospective and Longitudinal Study in a Multiracial Cohort. <i>Frontiers in Endocrinology</i> , 2020, 11, 83.	1.5	12
33	Placental DNA methylation changes associated with maternal prepregnancy BMI and gestational weight gain. <i>International Journal of Obesity</i> , 2020, 44, 1406-1416.	1.6	31
34	Glycaemic status during pregnancy and longitudinal measures of fetal growth in a multi-racial US population: a prospective cohort study. <i>Lancet Diabetes and Endocrinology</i> , 2020, 8, 292-300.	5.5	62
35	Differential DNA Methylation in Placenta Associated With Maternal Blood Pressure During Pregnancy. <i>Hypertension</i> , 2020, 75, 1117-1124.	1.3	20
36	Sex Hormone-binding Globulin, Cardiometabolic Biomarkers, and Gestational Diabetes: A Longitudinal Study and Meta-analysis. <i>Maternal-Fetal Medicine</i> , 2020, 2, 2-9.	0.4	10

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37	Genetic factors and risk of type 2 diabetes among women with a history of gestational diabetes: findings from two independent populations. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e000850.	1.2	23
38	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.	0.6	8
39	Gestational Diabetes and Longitudinal Ultrasonographic Measures of Fetal Growth in the NICHD Fetal Growth Studies-Singletons (P11-133-19). <i>Current Developments in Nutrition</i> , 2019, 3, nzz048.P11-133-19.	0.1	0
40	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.	1.8	5
41	Persistent organic pollutants and gestational diabetes: A multi-center prospective cohort study of healthy US women. <i>Environment International</i> , 2019, 124, 249-258.	4.8	74
42	Maternal BMIâ€œIncreasing Genetic Risk Score and Fetal Weights among Diverse US Ethnic Groups. <i>Obesity</i> , 2019, 27, 1150-1160.	1.5	5
43	Maternal dyslipidemia during early pregnancy and epigenetic ageing of the placenta. <i>Epigenetics</i> , 2019, 14, 1030-1039.	1.3	30
44	Shared genetic underpinnings of childhood obesity and adult cardiometabolic diseases. <i>Human Genomics</i> , 2019, 13, 17.	1.4	17
45	Genetic overlap between birthweight and adult cardiometabolic diseases has implications for genomic medicine. <i>Scientific Reports</i> , 2019, 9, 4076.	1.6	5
46	Genomics of Cardiometabolic Disorders in Sub-Saharan Africa. , 2019, , 168-198.		0
47	The association of obesity and coronary artery disease genes with response to SSRIs treatment in major depression. <i>Journal of Neural Transmission</i> , 2019, 126, 35-45.	1.4	27
48	Combined linkage and association analysis identifies rare and low frequency variants for blood pressure at 1q31. <i>European Journal of Human Genetics</i> , 2019, 27, 269-277.	1.4	5
49	Examining How Our Shared Evolutionary History Shapes Future Disease Outcomes. <i>Global Heart</i> , 2019, 12, 169.	0.9	2
50	Sex differences in the associations of placental epigenetic aging with fetal growth. <i>Aging</i> , 2019, 11, 5412-5432.	1.4	44
51	Association of Polygenic Score for Schizophrenia and HLA Antigen and Inflammation Genes With Response to Lithium in Bipolar Affective Disorder. <i>JAMA Psychiatry</i> , 2018, 75, 65-74.	6.0	102
52	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.	0.7	15
53	Genetic Ancestry of Hadza and Sandawe Peoples Reveals Ancient Population Structure in Africa. <i>Genome Biology and Evolution</i> , 2018, 10, 875-882.	1.1	6
54	Influence of Fetal and Maternal Genetic Susceptibility to Obesity on Birthweight in African Ancestry Populations. <i>Frontiers in Genetics</i> , 2018, 9, 511.	1.1	6

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55	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.	0.7	15
56	Association of the Polygenic Scores for Personality Traits and Response to Selective Serotonin Reuptake Inhibitors in Patients with Major Depressive Disorder. <i>Frontiers in Psychiatry</i> , 2018, 9, 65.	1.3	38
57	Genetic and Environmental Influences on Fetal Growth Vary during Sensitive Periods in Pregnancy. <i>Scientific Reports</i> , 2018, 8, 7274.	1.6	38
58	High burden of birthweight-lowering genetic variants in Africans and Asians. <i>BMC Medicine</i> , 2018, 16, 70.	2.3	12
59	Whole-exome sequencing in maya indigenous families: variant in PPP1R3A is associated with type 2 diabetes. <i>Molecular Genetics and Genomics</i> , 2018, 293, 1205-1216.	1.0	13
60	Plasma Lipidomics and Gestational Diabetes—A Longitudinal Study in a Multiracial Cohort. <i>Diabetes</i> , 2018, 67, 174-LB.	0.3	5
61	Shared Genetic Influence on Early Growth and Type 2 Diabetes in Adulthood. <i>Diabetes</i> , 2018, 67, 18-OR.	0.3	0
62	Sex Hormone—Binding Globulin, Cardiometabolic Biomarkers, and Gestational Diabetes—A Longitudinal Pregnancy Cohort Study and a Meta-analysis. <i>Diabetes</i> , 2018, 67, 1434-P.	0.3	0
63	Association of Maternal and Offspring Genetic Risk for Type 2 Diabetes with Offspring Birth Weight among African-Ancestry Populations. <i>Diabetes</i> , 2018, 67, 218-LB.	0.3	0
64	Rare coding variants associated with blood pressure variation in 15—914 individuals of African ancestry. <i>Journal of Hypertension</i> , 2017, 35, 1381-1389.	0.3	15
65	Genome—wide analysis identifies an african—specific variant in <i>SEMA4D</i> associated with body mass index. <i>Obesity</i> , 2017, 25, 794-800.	1.5	30
66	Genomics of Cardiometabolic Disorders in Sub-Saharan Africa. <i>Public Health Genomics</i> , 2017, 20, 9-26.	0.6	17
67	Susceptibility to Cryptococcal Meningoencephalitis Associated With Idiopathic CD4+ Lymphopenia and Secondary Germline or Acquired Defects. <i>Open Forum Infectious Diseases</i> , 2017, 4, ofx082.	0.4	25
68	Common and rare exonic MUC5B variants associated with type 2 diabetes in Han Chinese. <i>PLoS ONE</i> , 2017, 12, e0173784.	1.1	10
69	Podoconiosis in Ethiopia: From Neglect to Priority Public Health Problem. <i>Ethiopian Medical Journal</i> , 2017, 55, 65-74.	0.6	6
70	Impact of Type 2 Diabetes on Impaired Kidney Function in Sub-Saharan African Populations. <i>Frontiers in Endocrinology</i> , 2016, 7, 50.	1.5	9
71	Detecting and staging podoconiosis cases in North West Cameroon: positive predictive value of clinical screening of patients by community health workers and researchers. <i>BMC Public Health</i> , 2016, 16, 997.	1.2	13
72	The African diaspora: history, adaptation and health. <i>Current Opinion in Genetics and Development</i> , 2016, 41, 77-84.	1.5	44

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73	Ancient Human Migration after Out-of-Africa. <i>Scientific Reports</i> , 2016, 6, 26565.	1.6	15
74	Podoconiosis: Endemic Non-filarial Elephantiasis. <i>Neglected Tropical Diseases</i> , 2016, , 231-249.	0.4	6
75	Evaluation of Genome Wide Association Study Associated Type 2 Diabetes Susceptibility Loci in Sub Saharan Africans. <i>Frontiers in Genetics</i> , 2015, 6, 335.	1.1	50
76	An Improved Fst Estimator. <i>PLoS ONE</i> , 2015, 10, e0135368.	1.1	6
77	Genetic Ancestry Is Associated With Measures of Subclinical Atherosclerosis in African Americans. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 1271-1278.	1.1	20
78	Translational Genomics in Low- and Middle-Income Countries: Opportunities and Challenges. <i>Public Health Genomics</i> , 2015, 18, 242-247.	0.6	79
79	Genome-wide genotype and sequence-based reconstruction of the 140,000 year history of modern human ancestry. <i>Scientific Reports</i> , 2015, 4, 6055.	1.6	54
80	Genome-Wide Association Studies in Africans and African Americans: Expanding the Framework of the Genomics of Human Traits and Disease. <i>Public Health Genomics</i> , 2015, 18, 40-51.	0.6	73
81	Gender-specific associations between ADIPOQ gene polymorphisms and adiponectin levels and obesity in the Jackson Heart Study cohort. <i>BMC Medical Genetics</i> , 2015, 16, 65.	2.1	29
82	Genome-wide association study identifies African-ancestry specific variants for metabolic syndrome. <i>Molecular Genetics and Metabolism</i> , 2015, 116, 305-313.	0.5	41
83	The African Genome Variation Project shapes medical genetics in Africa. <i>Nature</i> , 2015, 517, 327-332.	13.7	473
84	Clinical and pharmacogenomic implications of genetic variation in a Southern Ethiopian population. <i>Pharmacogenomics Journal</i> , 2015, 15, 101-108.	0.9	15
85	Novel genomic signals of recent selection in an Ethiopian population. <i>European Journal of Human Genetics</i> , 2015, 23, 1085-1092.	1.4	25
86	Pleiotropic genes for metabolic syndrome and inflammation. <i>Molecular Genetics and Metabolism</i> , 2014, 112, 317-338.	0.5	107
87	Podoconiosis patients's willingness to pay for treatment services in Northwest Ethiopia: potential for cost recovery. <i>BMC Public Health</i> , 2014, 14, 259.	1.2	11
88	Genetic Epidemiology of Type 2 Diabetes and Cardiovascular Diseases in Africa. <i>Progress in Cardiovascular Diseases</i> , 2013, 56, 251-260.	1.6	28
89	Community-based survey of podoconiosis in Bedele Zuria woreda, west Ethiopia. <i>International Health</i> , 2013, 5, 119-125.	0.8	33
90	Ten Years of Podoconiosis Research in Ethiopia. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2301.	1.3	30

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91	C-reactive protein (CRP) promoter polymorphisms influence circulating CRP levels in a genome-wide association study of African Americans. <i>Human Molecular Genetics</i> , 2012, 21, 3063-3072.	1.4	32
92	HLA Class II Locus and Susceptibility to Podoconiosis. <i>New England Journal of Medicine</i> , 2012, 366, 1200-1208.	13.9	125
93	Tailoring Information Provision and Consent Processes to Research Contexts: The Value of Rapid Assessments. <i>Journal of Empirical Research on Human Research Ethics</i> , 2012, 7, 37-52.	0.6	45
94	Launch of the International Podoconiosis Initiative. <i>Lancet, The</i> , 2012, 379, 1004.	6.3	20
95	Prediction of HLA Class II Alleles Using SNPs in an African Population. <i>PLoS ONE</i> , 2012, 7, e40206.	1.1	10
96	Using a "genomics tool" to develop disease prevention strategy in a low-income setting: lessons from the podoconiosis research project. <i>Journal of Community Genetics</i> , 2012, 3, 303-309.	0.5	13
97	Genome-wide associated loci influencing interleukin (IL)-10, IL-1Ra, and IL-6 levels in African Americans. <i>Immunogenetics</i> , 2012, 64, 351-359.	1.2	31
98	Parasitological, serological and clinical evidence for high prevalence of podoconiosis (non-filarial) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 17, 722-726.	1.0	36
99	Burden of Podoconiosis in Poor Rural Communities in Gulliso woreda, West Ethiopia. <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e1184.	1.3	70
100	Tailoring Consent to Context: Designing an Appropriate Consent Process for a Biomedical Study in a Low Income Setting. <i>PLoS Neglected Tropical Diseases</i> , 2009, 3, e482.	1.3	85
101	Impact of social stigma on the process of obtaining informed consent for genetic research on podoconiosis: a qualitative study. <i>BMC Medical Ethics</i> , 2009, 10, 13.	1.0	85
102	Development and testing of a <i>de novo</i> clinical staging system for podoconiosis (endemic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 1.0 63	1.0	63
103	The economic impact of HIV/AIDS morbidity and mortality on households in Addis Ababa, Ethiopia. <i>AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV</i> , 2008, 20, 995-1001.	0.6	15
104	Podoconiosis: non-infectious geochemical elephantiasis. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2007, 101, 1175-1180.	0.7	137
105	Economic costs of endemic non-filarial elephantiasis in Wolaita Zone, Ethiopia. <i>Tropical Medicine and International Health</i> , 2006, 11, 1136-1144.	1.0	129
106	Rapid Ethical Appraisal: A tool to design a contextualized consent process for a genetic study of podoconiosis in Ethiopia. <i>Wellcome Open Research</i> , 0, 2, 99.	0.9	7