

Fasil Tekola-Ayele

List of Publications by Year
in descending order

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Version: 2024-02-01

106
papers

3,230
citations

186254
28
h-index

182417
51
g-index

109
all docs

109
docs citations

109
times ranked

5882
citing authors

#	ARTICLE	IF	CITATIONS
1	Maternal-fetal genetic interactions, imprinting, and risk of placental abruption. Journal of Maternal-Fetal and Neonatal Medicine, 2022, 35, 3473-3482.	1.5	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. Diabetes, 2022, 71, 340-349.	0.6	0
3	Using polygenic scores and clinical data for bipolar disorder patient stratification and lithium response prediction: machine learning approach. British Journal of Psychiatry, 2022, 220, 219-228.	2.8	11
4	Unified standard for fetal growth: the Eunice Kennedy Shriver National Institute of Child Health and Human Development Fetal Growth Studies. American Journal of Obstetrics and Gynecology, 2022, 226, 576-587.e2.	1.3	13
5	Sex-specific placental gene expression signatures of small for gestational age at birth. Placenta, 2022, 121, 82-90.	1.5	4
6	Placental multi-omics integration identifies candidate functional genes for birthweight. Nature Communications, 2022, 13, 2384.	12.8	13
7	Recreational physical activity before and during pregnancy and placental DNA methylation—an epigenome-wide association study. American Journal of Clinical Nutrition, 2022, 116, 1168-1183.	4.7	7
8	Association of polygenic score for major depression with response to lithium in patients with bipolar disorder. Molecular Psychiatry, 2021, 26, 2457-2470.	7.9	44
9	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
10	Invited Commentary: Epigenetic Clocks and Obesity—Towards the Next Frontier Using Integrative Approaches and Early-Life Models. American Journal of Epidemiology, 2021, 190, 994-997.	3.4	2
11	Associations of maternal blood pressure-raising polygenic risk scores with fetal weight. Journal of Human Hypertension, 2021, , .	2.2	3
12	Admixture mapping identifies African and Amerindigenous local ancestry loci associated with fetal growth. Human Genetics, 2021, 140, 985-997.	3.8	5
13	Replication of HLA class II locus association with susceptibility to podoconiosis in three Ethiopian ethnic groups. Scientific Reports, 2021, 11, 3285.	3.3	5
14	Association Between Maternal Caffeine Consumption and Metabolism and Neonatal Anthropometry. JAMA Network Open, 2021, 4, e213238.	5.9	21
15	Plasma lipidomics profile in pregnancy and gestational diabetes risk: a prospective study in a multiracial/ethnic cohort. BMJ Open Diabetes Research and Care, 2021, 9, e001551.	2.8	31
16	Omics community detection using multi-resolution clustering. Bioinformatics, 2021, 37, 3588-3594.	4.1	6
17	Genetic and in utero environmental contributions to DNA methylation variation in placenta. Human Molecular Genetics, 2021, 30, 1968-1976.	2.9	12
18	HLA-DRB1 and HLA-DQB1 genetic diversity modulates response to lithium in bipolar affective disorders. Scientific Reports, 2021, 11, 17823.	3.3	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.	2.1	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.	7.5	4
21	Pleiotropic genetic influence on birth weight and childhood obesity. <i>Scientific Reports</i> , 2021, 11, 48.	3.3	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.	2.3	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.	2.5	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.	4.8	25
25	Editorial: Genetic and Epigenetic Insights Into the Developmental Origins of Health and Disease. <i>Frontiers in Genetics</i> , 2021, 12, 814126.	2.3	1
26	Association of Maternal Exposure to Persistent Organic Pollutants in Early Pregnancy With Fetal Growth. <i>JAMA Pediatrics</i> , 2020, 174, 149.	6.2	70
27	Concentrations of persistent organic pollutants in maternal plasma and epigenome-wide placental DNA methylation. <i>Clinical Epigenetics</i> , 2020, 12, 103.	4.1	49
28	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
29	Maternal Socioeconomic Factors and Racial/Ethnic Differences in Neonatal Anthropometry. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7323.	2.6	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.	3.5	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.	4.1	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.	3.5	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.	3.4	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.	11.4	62
35	Differential DNA Methylation in Placenta Associated With Maternal Blood Pressure During Pregnancy. <i>Hypertension</i> , 2020, 75, 1117-1124.	2.7	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.	0.8	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.	2.8	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.	1.5	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.	0.3	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.	3.6	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.	10.0	74
42	Maternal BMIâ€œIncreasing Genetic Risk Score and Fetal Weights among Diverse US Ethnic Groups. <i>Obesity</i> , 2019, 27, 1150-1160.	3.0	5
43	Maternal dyslipidemia during early pregnancy and epigenetic ageing of the placenta. <i>Epigenetics</i> , 2019, 14, 1030-1039.	2.7	30
44	Shared genetic underpinnings of childhood obesity and adult cardiometabolic diseases. <i>Human Genomics</i> , 2019, 13, 17.	2.9	17
45	Genetic overlap between birthweight and adult cardiometabolic diseases has implications for genomic medicine. <i>Scientific Reports</i> , 2019, 9, 4076.	3.3	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.	2.8	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.	2.8	5
49	Examining How Our Shared Evolutionary History Shapes Future Disease Outcomes. <i>Global Heart</i> , 2019, 12, 169.	2.3	2
50	Sex differences in the associations of placental epigenetic aging with fetal growth. <i>Aging</i> , 2019, 11, 5412-5432.	3.1	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.	11.0	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.	1.5	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.	2.5	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.	2.3	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. American Journal of Obstetrics and Gynecology, 2018, 219, 617.e1-617.e17.	1.3	15
56	Association of the Polygenic Scores for Personality Traits and Response to Selective Serotonin Reuptake Inhibitors in Patients with Major Depressive Disorder. Frontiers in Psychiatry, 2018, 9, 65.	2.6	38
57	Genetic and Environmental Influences on Fetal Growth Vary during Sensitive Periods in Pregnancy. Scientific Reports, 2018, 8, 7274.	3.3	38
58	High burden of birthweight-lowering genetic variants in Africans and Asians. BMC Medicine, 2018, 16, 70.	5.5	12
59	Whole-exome sequencing in maya indigenous families: variant in PPP1R3A is associated with type 2 diabetes. Molecular Genetics and Genomics, 2018, 293, 1205-1216.	2.1	13
60	Plasma Lipidomics and Gestational Diabetesâ€”A Longitudinal Study in a Multiracial Cohort. Diabetes, 2018, 67, 174-LB.	0.6	5
61	Shared Genetic Influence on Early Growth and Type 2 Diabetes in Adulthood. Diabetes, 2018, 67, 18-OR.	0.6	0
62	Sex Hormoneâ€”Binding Globulin, Cardiometabolic Biomarkers, and Gestational Diabetesâ€”A Longitudinal Pregnancy Cohort Study and a Meta-analysis. Diabetes, 2018, 67, 1434-P.	0.6	0
63	Association of Maternal and Offspring Genetic Risk for Type 2 Diabetes with Offspring Birth Weight among African-Ancestry Populations. Diabetes, 2018, 67, 218-LB.	0.6	0
64	Rare coding variants associated with blood pressure variation in 15â€”914 individuals of African ancestry. Journal of Hypertension, 2017, 35, 1381-1389.	0.5	15
65	Genomeâ€”wide analysis identifies an africanâ€”specific variant in <i>SEMA4D</i> associated with body mass index. Obesity, 2017, 25, 794-800.	3.0	30
66	Genomics of Cardiometabolic Disorders in Sub-Saharan Africa. Public Health Genomics, 2017, 20, 9-26.	1.0	17
67	Susceptibility to Cryptococcal Meningoencephalitis Associated With Idiopathic CD4+ Lymphopenia and Secondary Germline or Acquired Defects. Open Forum Infectious Diseases, 2017, 4, ofx082.	0.9	25
68	Common and rare exonic MUC5B variants associated with type 2 diabetes in Han Chinese. PLoS ONE, 2017, 12, e0173784.	2.5	10
69	Podoconiosis in Ethiopia: From Neglect to Priority Public Health Problem. Ethiopian Medical Journal, 2017, 55, 65-74.	0.6	6
70	Impact of Type 2 Diabetes on Impaired Kidney Function in Sub-Saharan African Populations. Frontiers in Endocrinology, 2016, 7, 50.	3.5	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. BMC Public Health, 2016, 16, 997.	2.9	13
72	The African diaspora: history, adaptation and health. Current Opinion in Genetics and Development, 2016, 41, 77-84.	3.3	44

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73	Ancient Human Migration after Out-of-Africa. Scientific Reports, 2016, 6, 26565.	3.3	15
74	Podoconiosis: Endemic Non-filarial Elephantiasis. Neglected Tropical Diseases, 2016, , 231-249.	0.4	6
75	Evaluation of Genome Wide Association Study Associated Type 2 Diabetes Susceptibility Loci in Sub Saharan Africans. Frontiers in Genetics, 2015, 6, 335.	2.3	50
76	An Improved Fst Estimator. PLoS ONE, 2015, 10, e0135368.	2.5	6
77	Genetic Ancestry Is Associated With Measures of Subclinical Atherosclerosis in African Americans. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 1271-1278.	2.4	20
78	Translational Genomics in Low- and Middle-Income Countries: Opportunities and Challenges. Public Health Genomics, 2015, 18, 242-247.	1.0	79
79	Genome-wide genotype and sequence-based reconstruction of the 140,000 year history of modern human ancestry. Scientific Reports, 2015, 4, 6055.	3.3	54
80	Genome-Wide Association Studies in Africans and African Americans: Expanding the Framework of the Genomics of Human Traits and Disease. Public Health Genomics, 2015, 18, 40-51.	1.0	73
81	Gender-specific associations between ADIPOQ gene polymorphisms and adiponectin levels and obesity in the Jackson Heart Study cohort. BMC Medical Genetics, 2015, 16, 65.	2.1	29
82	Genome-wide association study identifies African-ancestry specific variants for metabolic syndrome. Molecular Genetics and Metabolism, 2015, 116, 305-313.	1.1	41
83	The African Genome Variation Project shapes medical genetics in Africa. Nature, 2015, 517, 327-332.	27.8	473
84	Clinical and pharmacogenomic implications of genetic variation in a Southern Ethiopian population. Pharmacogenomics Journal, 2015, 15, 101-108.	2.0	15
85	Novel genomic signals of recent selection in an Ethiopian population. European Journal of Human Genetics, 2015, 23, 1085-1092.	2.8	25
86	Pleiotropic genes for metabolic syndrome and inflammation. Molecular Genetics and Metabolism, 2014, 112, 317-338.	1.1	107
87	Podoconiosis patients's willingness to pay for treatment services in Northwest Ethiopia: potential for cost recovery. BMC Public Health, 2014, 14, 259.	2.9	11
88	Genetic Epidemiology of Type 2 Diabetes and Cardiovascular Diseases in Africa. Progress in Cardiovascular Diseases, 2013, 56, 251-260.	3.1	28
89	Community-based survey of podoconiosis in Bedele Zuria woreda, west Ethiopia. International Health, 2013, 5, 119-125.	2.0	33
90	Ten Years of Podoconiosis Research in Ethiopia. PLoS Neglected Tropical Diseases, 2013, 7, e2301.	3.0	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. Human Molecular Genetics, 2012, 21, 3063-3072.	2.9	32
92	HLA Class II Locus and Susceptibility to Podoconiosis. New England Journal of Medicine, 2012, 366, 1200-1208.	27.0	125
93	Tailoring Information Provision and Consent Processes to Research Contexts: The Value of Rapid Assessments. Journal of Empirical Research on Human Research Ethics, 2012, 7, 37-52.	1.3	45
94	Launch of the International Podoconiosis Initiative. Lancet, The, 2012, 379, 1004.	13.7	20
95	Prediction of HLA Class II Alleles Using SNPs in an African Population. PLoS ONE, 2012, 7, e40206.	2.5	10
96	Using a "genomics tool" to develop disease prevention strategy in a low-income setting: lessons from the podoconiosis research project. Journal of Community Genetics, 2012, 3, 303-309.	1.2	13
97	Genome-wide associated loci influencing interleukin (IL)-10, IL-1Ra, and IL-6 levels in African Americans. Immunogenetics, 2012, 64, 351-359.	2.4	31
98	Parasitological, serological and clinical evidence for high prevalence of podoconiosis (non-filarial) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 36 17, 722-726.	2.3	36
99	Burden of Podoconiosis in Poor Rural Communities in Gulliso woreda, West Ethiopia. PLoS Neglected Tropical Diseases, 2011, 5, e1184.	3.0	70
100	Tailoring Consent to Context: Designing an Appropriate Consent Process for a Biomedical Study in a Low Income Setting. PLoS Neglected Tropical Diseases, 2009, 3, e482.	3.0	85
101	Impact of social stigma on the process of obtaining informed consent for genetic research on podoconiosis: a qualitative study. BMC Medical Ethics, 2009, 10, 13.	2.4	85
102	Development and testing of a "de novo" clinical staging system for podoconiosis (endemic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 36 2.3 63	2.3	63
103	The economic impact of HIV/AIDS morbidity and mortality on households in Addis Ababa, Ethiopia. AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV, 2008, 20, 995-1001.	1.2	15
104	Podoconiosis: non-infectious geochemical elephantiasis. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2007, 101, 1175-1180.	1.8	137
105	Economic costs of endemic non-filarial elephantiasis in Wolaita Zone, Ethiopia. Tropical Medicine and International Health, 2006, 11, 1136-1144.	2.3	129
106	Rapid Ethical Appraisal: A tool to design a contextualized consent process for a genetic study of podoconiosis in Ethiopia. Wellcome Open Research, 0, 2, 99.	1.8	7