

Fasil Tekola-Ayele

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

104
papers

2,247
citations

25
h-index

45
g-index

109
ext. papers

2,868
ext. citations

5.9
avg, IF

4.92
L-index

#	Paper	IF	Citations
104	The African Genome Variation Project shapes medical genetics in Africa. <i>Nature</i> , 2015 , 517, 327-32	50.4	340
103	Podoconiosis: non-infectious geochemical elephantiasis. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2007 , 101, 1175-80	2	114
102	Economic costs of endemic non-filarial elephantiasis in Wolaita Zone, Ethiopia. <i>Tropical Medicine and International Health</i> , 2006 , 11, 1136-44	2.3	109
101	HLA class II locus and susceptibility to podoconiosis. <i>New England Journal of Medicine</i> , 2012 , 366, 1200-8	59.2	104
100	Pleiotropic genes for metabolic syndrome and inflammation. <i>Molecular Genetics and Metabolism</i> , 2014 , 112, 317-38	3.7	81
99	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,	0.4	78
98	Association of Polygenic Score for Schizophrenia and HLA Antigen and Inflammation Genes With Response to Lithium in Bipolar Affective Disorder: A Genome-Wide Association Study. <i>JAMA Psychiatry</i> , 2018 , 75, 65-74	14.5	75
97	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	2.9	73
96	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	4.8	72
95	Burden of podoconiosis in poor rural communities in Gulliso woreda, West Ethiopia. <i>PLoS Neglected Tropical Diseases</i> , 2011 , 5, e1184	4.8	59
94	Development and testing of a de novo clinical staging system for podoconiosis (endemic non-filarial elephantiasis). <i>Tropical Medicine and International Health</i> , 2008 , 13, 1277-83	2.3	55
93	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	1.9	53
92	Translational Genomics in Low- and Middle-Income Countries: Opportunities and Challenges. <i>Public Health Genomics</i> , 2015 , 18, 242-7	1.9	50
91	Genome-wide genotype and sequence-based reconstruction of the 140,000 year history of modern human ancestry. <i>Scientific Reports</i> , 2014 , 4, 6055	4.9	42
90	Persistent organic pollutants and gestational diabetes: A multi-center prospective cohort study of healthy US women. <i>Environment International</i> , 2019 , 124, 249-258	12.9	41
89	Evaluation of Genome Wide Association Study Associated Type 2 Diabetes Susceptibility Loci in Sub Saharan Africans. <i>Frontiers in Genetics</i> , 2015 , 6, 335	4.5	37
88	Genome-wide association study identifies African-ancestry specific variants for metabolic syndrome. <i>Molecular Genetics and Metabolism</i> , 2015 , 116, 305-13	3.7	35

87	The African diaspora: history, adaptation and health. <i>Current Opinion in Genetics and Development</i> , 2016 , 41, 77-84	4.9	35
86	Parasitological, serological and clinical evidence for high prevalence of podoconiosis (non-filarial elephantiasis) in Midakegn district, central Ethiopia. <i>Tropical Medicine and International Health</i> , 2012 , 17, 722-6	2.3	33
85	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	1.6	31
84	Association of Maternal Exposure to Persistent Organic Pollutants in Early Pregnancy With Fetal Growth. <i>JAMA Pediatrics</i> , 2020 , 174, 149-161	8.3	30
83	Community-based survey of podoconiosis in Bedele Zuria woreda, west Ethiopia. <i>International Health</i> , 2013 , 5, 119-25	2.4	29
82	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, 3063-72	5.6	28
81	Sex differences in the associations of placental epigenetic aging with fetal growth. <i>Aging</i> , 2019 , 11, 5412-5432	5.4	27
80	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	5	26
79	Genome-wide associated loci influencing interleukin (IL)-10, IL-1Ra, and IL-6 levels in African Americans. <i>Immunogenetics</i> , 2012 , 64, 351-9	3.2	25
78	Ten years of podoconiosis research in Ethiopia. <i>PLoS Neglected Tropical Diseases</i> , 2013 , 7, e2301	4.8	25
77	Genetic epidemiology of type 2 diabetes and cardiovascular diseases in Africa. <i>Progress in Cardiovascular Diseases</i> , 2013 , 56, 251-60	8.5	24
76	Novel genomic signals of recent selection in an Ethiopian population. <i>European Journal of Human Genetics</i> , 2015 , 23, 1085-92	5.3	23
75	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	18.1	23
74	Genome-wide analysis identifies an african-specific variant in SEMA4D associated with body mass index. <i>Obesity</i> , 2017 , 25, 794-800	8	22
73	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	22
72	Concentrations of persistent organic pollutants in maternal plasma and epigenome-wide placental DNA methylation. <i>Clinical Epigenetics</i> , 2020 , 12, 103	7.7	18
71	Association of polygenic score for major depression with response to lithium in patients with bipolar disorder. <i>Molecular Psychiatry</i> , 2021 , 26, 2457-2470	15.1	17
70	Genetic and Environmental Influences on Fetal Growth Vary during Sensitive Periods in Pregnancy. <i>Scientific Reports</i> , 2018 , 8, 7274	4.9	17

69	Launch of the international podoconiosis initiative. <i>Lancet, The</i> , 2012 , 379, 1004	4.0	17
68	Susceptibility to Cryptococcal Meningoencephalitis Associated With Idiopathic CD4 Lymphopenia and Secondary Germline or Acquired Defects. <i>Open Forum Infectious Diseases</i> , 2017 , 4, ofx082	1	16
67	Genetic ancestry is associated with measures of subclinical atherosclerosis in African Americans: the Jackson Heart Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 1271-8	9.4	16
66	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	7.7	14
65	Clinical and pharmacogenomic implications of genetic variation in a Southern Ethiopian population. <i>Pharmacogenomics Journal</i> , 2015 , 15, 101-108	3.5	13
64	Genomics of Cardiometabolic Disorders in Sub-Saharan Africa. <i>Public Health Genomics</i> , 2017 , 20, 9-26	1.9	13
63	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	4.3	13
62	Maternal dyslipidemia during early pregnancy and epigenetic ageing of the placenta. <i>Epigenetics</i> , 2019 , 14, 1030-1039	5.7	12
61	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,	4.5	11
60	Podoconiosis patients Swillingness to pay for treatment services in Northwest Ethiopia: potential for cost recovery. <i>BMC Public Health</i> , 2014 , 14, 259	4.1	11
59	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, 303-9	2.5	11
58	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	2.2	11
57	Prediction of HLA class II alleles using SNPs in an African population. <i>PLoS ONE</i> , 2012 , 7, e40206	3.7	10
56	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	4.1	10
55	Shared genetic underpinnings of childhood obesity and adult cardiometabolic diseases. <i>Human Genomics</i> , 2019 , 13, 17	6.8	9
54	Placental DNA methylation changes associated with maternal prepregnancy BMI and gestational weight gain. <i>International Journal of Obesity</i> , 2020 , 44, 1406-1416	5.5	9
53	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	3.4	9
52	Ancient Human Migration after Out-of-Africa. <i>Scientific Reports</i> , 2016 , 6, 26565	4.9	9

51	High burden of birthweight-lowering genetic variants in Africans and Asians. <i>BMC Medicine</i> , 2018 , 16, 70	11.4	9
50	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	6	8
49	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	3.1	8
48	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	6.4	8
47	Rare coding variants associated with blood pressure variation in 15 914 individuals of African ancestry. <i>Journal of Hypertension</i> , 2017 , 35, 1381-1389	1.9	7
46	Differential DNA Methylation in Placenta Associated With Maternal Blood Pressure During Pregnancy. <i>Hypertension</i> , 2020 , 75, 1117-1124	8.5	7
45	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,	4.5	7
44	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	5.7	6
43	Podoconiosis in Ethiopia: From Neglect to Priority Public Health Problem. <i>Ethiopian Medical Journal</i> , 2017 , 55, 65-74		6
42	Early pregnancy dyslipidemia is associated with placental DNA methylation at loci relevant for cardiometabolic diseases. <i>Epigenomics</i> , 2020 , 12, 921-934	4.4	6
41	Impact of Type 2 Diabetes on Impaired Kidney Function in Sub-Saharan African Populations. <i>Frontiers in Endocrinology</i> , 2016 , 7, 50	5.7	6
40	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	2.4	6
39	Common and rare exonic MUC5B variants associated with type 2 diabetes in Han Chinese. <i>PLoS ONE</i> , 2017 , 12, e0173784	3.7	5
38	Influence of Fetal and Maternal Genetic Susceptibility to Obesity on Birthweight in African Ancestry Populations. <i>Frontiers in Genetics</i> , 2018 , 9, 511	4.5	5
37	Sex Hormone-binding Globulin, Cardiometabolic Biomarkers, and Gestational Diabetes: A Longitudinal Study and Meta-analysis. <i>Maternal-Fetal Medicine</i> , 2020 , 2, 2-9	0.6	4
36	Race-ethnic 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	4.9	4
35	Rapid Ethical Appraisal: A tool to design a contextualized consent process for a genetic study of podoconiosis in Ethiopia. <i>Wellcome Open Research</i> , 2021 , 2, 99	4.8	4
34	Podoconiosis: Endemic Non-filarial Elephantiasis. <i>Neglected Tropical Diseases</i> , 2016 , 231-249	0.4	4

33	Association Between Maternal Caffeine Consumption and Metabolism and Neonatal Anthropometry: A Secondary Analysis of the NICHD Fetal Growth Studies-Singletons. <i>JAMA Network Open</i> , 2021 , 4, e213238	10.4	4
32	Genetic and in utero environmental contributions to DNA methylation variation in placenta. <i>Human Molecular Genetics</i> , 2021 , 30, 1968-1976	5.6	4
31	Maternal BMI-Increasing Genetic Risk Score and Fetal Weights among Diverse US Ethnic Groups. <i>Obesity</i> , 2019 , 27, 1150-1160	8	3
30	Genetic overlap between birthweight and adult cardiometabolic diseases has implications for genomic medicine. <i>Scientific Reports</i> , 2019 , 9, 4076	4.9	3
29	Genetic Ancestry of Hadza and Sandawe Peoples Reveals Ancient Population Structure in Africa. <i>Genome Biology and Evolution</i> , 2018 , 10, 875-882	3.9	3
28	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	5.6	3
27	An Improved F(st) Estimator. <i>PLoS ONE</i> , 2015 , 10, e0135368	3.7	3
26	Plasma Lipidomics and Gestational Diabetes: A Longitudinal Study in a Multiracial Cohort. <i>Diabetes</i> , 2018 , 67, 174-LB	0.9	3
25	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	5.3	3
24	Admixture mapping identifies African and Amerindigenous local ancestry loci associated with fetal growth. <i>Human Genetics</i> , 2021 , 140, 985-997	6.3	3
23	Omics community detection using multi-resolution clustering. <i>Bioinformatics</i> , 2021 ,	7.2	2
22	Impact of depression and stress on placental DNA methylation in ethnically diverse pregnant women. <i>Epigenomics</i> , 2021 , 13, 1485-1496	4.4	2
21	Pleiotropic genetic influence on birth weight and childhood obesity. <i>Scientific Reports</i> , 2021 , 11, 48	4.9	2
20	Maternal Socioeconomic Factors and Racial/Ethnic Differences in Neonatal Anthropometry. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	1
19	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	3.7	1
18	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	8.6	1
17	Polygenic scores for major depressive disorder and depressive symptoms predict response to lithium in patients with bipolar disorder		1
16	Maternal-fetal genetic interactions, imprinting, and risk of placental abruption. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2020 , 1-10	2	1

15	Examining How Our Shared Evolutionary History Shapes Future Disease Outcomes. <i>Global Heart</i> , 2017 , 12, 169-171	2.9	1
14	Associations of maternal blood pressure-raising polygenic risk scores with fetal weight. <i>Journal of Human Hypertension</i> , 2021 ,	2.6	1
13	HLA-DRB1 and HLA-DQB1 genetic diversity modulates response to lithium in bipolar affective disorders. <i>Scientific Reports</i> , 2021 , 11, 17823	4.9	1
12	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 , 1-10	5.4	1
11	Unified Standard for Fetal Growth: the NICHD Fetal Growth Studies.. <i>American Journal of Obstetrics and Gynecology</i> , 2021 ,	6.4	1
10	Placental multi-omics integration identifies candidate functional genes for birthweight.. <i>Nature Communications</i> , 2022 , 13, 2384	17.4	1
9	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	3.8	0
8	Replication of HLA class II locus association with susceptibility to podoconiosis in three Ethiopian ethnic groups. <i>Scientific Reports</i> , 2021 , 11, 3285	4.9	0
7	Sex-specific placental gene expression signatures of small for gestational age at birth.. <i>Placenta</i> , 2022 , 121, 82-90	3.4	0
6	Placental Gene Co-expression Network for Maternal Plasma Lipids Revealed Enrichment of Inflammatory Response Pathways. <i>Frontiers in Genetics</i> , 2021 , 12, 681095	4.5	
5	Shared Genetic Influence on Early Growth and Type 2 Diabetes in Adulthood. <i>Diabetes</i> , 2018 , 67, 18-OR	0.9	
4	Sex Hormone Binding Globulin, Cardiometabolic Biomarkers, and Gestational Diabetes in a Longitudinal Pregnancy Cohort Study and a Meta-analysis. <i>Diabetes</i> , 2018 , 67, 1434-P	0.9	
3	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	0.9	
2	Genomics of Cardiometabolic Disorders in Sub-Saharan Africa 2019 , 168-198		
1	Acute ambient air pollution exposure and placental Doppler results in the NICHD fetal growth studies - Singleton cohort. <i>Environmental Research</i> , 2021 , 202, 111728	7.9	