

Mahlet G Tadesse

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,522
citations

471509

17
h-index

330143

37
g-index

47
all docs

47
docs citations

47
times ranked

2325
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Bayesian statistics and modelling. Nature Reviews Methods Primers, 2021, 1, . | 21.2 | 419 |
| 2 | Bayesian Variable Selection in Clustering High-Dimensional Data. Journal of the American Statistical Association, 2005, 100, 602-617. | 3.1 | 190 |
| 3 | Incorporating biological information into linear models: A Bayesian approach to the selection of pathways and genes. Annals of Applied Statistics, 2011, 5, 1978-2002. | 1.1 | 119 |
| 4 | Circulating early- and mid-pregnancy microRNAs and risk of gestational diabetes. Diabetes Research and Clinical Practice, 2017, 132, 1-9. | 2.8 | 89 |
| 5 | Construct Validity and Factor Structure of the Pittsburgh Sleep Quality Index and Epworth Sleepiness Scale in a Multi-National Study of African, South East Asian and South American College Students. PLoS ONE, 2014, 9, e116383. | 2.5 | 69 |
| 6 | LC-MS/MS-based serum proteomics for identification of candidate biomarkers for hepatocellular carcinoma. Proteomics, 2015, 15, 2369-2381. | 2.2 | 66 |
| 7 | GC-MS Based Plasma Metabolomics for Identification of Candidate Biomarkers for Hepatocellular Carcinoma in Egyptian Cohort. PLoS ONE, 2015, 10, e0127299. | 2.5 | 60 |
| 8 | Pathway and Network Approaches for Identification of Cancer Signature Markers from Omics Data. Journal of Cancer, 2015, 6, 54-65. | 2.5 | 44 |
| 9 | Psychometric properties and factor structure of the General Health Questionnaire as a screening tool for anxiety and depressive symptoms in a multi-national study of young adults. Journal of Affective Disorders, 2015, 187, 197-202. | 4.1 | 43 |
| 10 | Metabolomic Characterization of Hepatocellular Carcinoma in Patients with Liver Cirrhosis for Biomarker Discovery. Cancer Epidemiology Biomarkers and Prevention, 2017, 26, 675-683. | 2.5 | 40 |
| 11 | Biological network inference using low order partial correlation. Methods, 2014, 69, 266-273. | 3.8 | 35 |
| 12 | Placental Genome and Maternal-Placental Genetic Interactions: A Genome-Wide and Candidate Gene Association Study of Placental Abruption. PLoS ONE, 2014, 9, e116346. | 2.5 | 29 |
| 13 | Assessing validity of a depression screening instrument in the absence of a gold standard. Annals of Epidemiology, 2014, 24, 527-531. | 1.9 | 28 |
| 14 | Candidate Gene and MicroRNA Expression in Fetal Membranes and Preterm Delivery Risk. Reproductive Sciences, 2016, 23, 731-737. | 2.5 | 28 |
| 15 | Early Pregnancy Maternal Blood DNA Methylation in Repeat Pregnancies and Change in Gestational Diabetes Mellitus Status—A Pilot Study. Reproductive Sciences, 2015, 22, 904-910. | 2.5 | 25 |
| 16 | Daytime Sleepiness, Circadian Preference, Caffeine Consumption and Khat Use among College Students in Ethiopia. Journal of Sleep Disorders— Treatment & Care, 2014, 03, . | 0.1 | 22 |
| 17 | Daytime sleepiness, circadian preference, caffeine consumption and use of other stimulants among Thai college students. Journal of Public Health and Epidemiology, 2014, 8, 202-210. | 0.3 | 21 |
| 18 | Identification of race-associated metabolite biomarkers for hepatocellular carcinoma in patients with liver cirrhosis and hepatitis C virus infection. PLoS ONE, 2018, 13, e0192748. | 2.5 | 19 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Adherence to Adjuvant Endocrine Therapy in Insured Black and White Breast Cancer Survivors: Exploring Adherence Measures in Patient Data. <i>Journal of Managed Care & Specialty Pharmacy</i> , 2019, 25, 578-586. | 0.9 | 16 |
| 20 | Race and Patient-reported Symptoms in Adherence to Adjuvant Endocrine Therapy: A Report from the Women's Hormonal Initiation and Persistence Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021, 30, 699-709. | 2.5 | 16 |
| 21 | Maternal pre-pregnancy body mass index and circulating microRNAs in pregnancy. <i>Obesity Research and Clinical Practice</i> , 2017, 11, 464-474. | 1.8 | 15 |
| 22 | 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 |
| 23 | Identification of Differentially Expressed Genes in High-Density Oligonucleotide Arrays Accounting for the Quantification Limits of the Technology. <i>Biometrics</i> , 2003, 59, 542-554. | 1.4 | 13 |
| 24 | Initiation of Adjuvant Endocrine Therapy in Black and White Women With Breast Cancer. <i>Clinical Breast Cancer</i> , 2018, 18, 337-346.e1. | 2.4 | 13 |
| 25 | Circadian clock-related genetic risk scores and risk of placental abruption. <i>Placenta</i> , 2015, 36, 1480-1486. | 1.5 | 10 |
| 26 | Multivariate Bayesian Variable Selection Exploiting Dependence Structure Among Outcomes: Application to Air Pollution Effects on DNA Methylation. <i>Biometrics</i> , 2017, 73, 232-241. | 1.4 | 10 |
| 27 | Mixture of inhomogeneous matrix models for species-rich ecosystems. <i>Environmetrics</i> , 2015, 26, 39-51. | 1.4 | 8 |
| 28 | Physical activity and epigenetic biomarkers in maternal blood during pregnancy. <i>Epigenomics</i> , 2018, 10, 1383-1395. | 2.1 | 8 |
| 29 | Evaluation of normalization methods for analysis of LC-MS data. , 2012, , . | | 7 |
| 30 | Evaluation of hierarchical models for integrative genomic analyses. <i>Bioinformatics</i> , 2016, 32, 738-746. | 4.1 | 6 |
| 31 | Identification of miRNA-mRNA associations in hepatocellular carcinoma using hierarchical integrative model. <i>BMC Medical Genomics</i> , 2020, 13, 56. | 1.5 | 6 |
| 32 | Bayesian Variable Selection Methods for Matched Case-Control Studies. <i>International Journal of Biostatistics</i> , 2017, 13, . | 0.7 | 5 |
| 33 | Integrative Analysis of DNA Methylation and microRNA Expression Reveals Mechanisms of Racial Heterogeneity in Hepatocellular Carcinoma. <i>Frontiers in Genetics</i> , 2021, 12, 708326. | 2.3 | 5 |
| 34 | Placental genetic variations in circadian clock-related genes increase the risk of placental abruption. <i>International Journal of Molecular Epidemiology and Genetics</i> , 2016, 7, 32-40. | 0.4 | 5 |
| 35 | A Bayesian Hierarchical Model for the Analysis of Affymetrix Arrays. <i>Annals of the New York Academy of Sciences</i> , 2004, 1020, 41-48. | 3.8 | 4 |
| 36 | Normalization of LC-MS data using Gaussian process. , 2012, , . | | 3 |

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|----|---|-----|-----------|
| 37 | Maternal-fetal genetic interactions, imprinting, and risk of placental abruption. Journal of Maternal-Fetal and Neonatal Medicine, 2022, 35, 3473-3482. | 1.5 | 3 |
| 38 | Risk of Common Mental Disorders in Relation to Symptoms of Obstructive Sleep Apnea Syndrome among Ethiopian College Students. Journal of Sleep Disorders-- Treatment & Care, 2015, 04, . | 0.1 | 2 |
| 39 | Analysis of LC-MS Data Using probabilistic-based mixture regression modelsAnalyse von LC-MS-Daten mit wahrscheinlichkeitbasierter Mischung von Regressionsmodellen. Automatisierungstechnik, 2009, 57, 453-465. | 0.8 | 1 |
| 40 | An integrated pharmacogenomic analysis of doxorubicin response using genotype information on DMET genes. , 2013, , . | | 1 |
| 41 | Bayesian Alignment Model for LC-MS Data. , 2011, , . | | 0 |
| 42 | Integration of multiple data sources for identifying functional modules using Bayesian network. , 2012, , . | | 0 |
| 43 | Variability assessment of LC-MS experiments and its application to experimental design and difference detection. , 2012, , . | | 0 |
| 44 | Assessment of GC-MS in Detecting Changes in the Levels of Metabolites Using a Spike-in Experiment in Human Plasma. Metabolomics: Open Access, 2016, 6, . | 0.1 | 0 |
| 45 | Bayesian variable selection for high dimensional predictors and self-reported outcomes. BMC Medical Informatics and Decision Making, 2020, 20, 212. | 3.0 | 0 |