

# Musie Ghebremichael

## List of Publications by Year in descending order

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Version: 2024-02-01

67  
papers

3,178  
citations

201674

27  
h-index

155660

55  
g-index

72  
all docs

72  
docs citations

72  
times ranked

5739  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of the binormal and Lehman receiver operating characteristic curves. Communications in Statistics Part B: Simulation and Computation, 2024, 53, 772-785.	1.2	0
2	Rapid Quantum Magnetic IL-6 Point-of-Care Assay in Patients Hospitalized with COVID-19. Diagnostics, 2022, 12, 1164.	2.6	3
3	CD4+ and CD8+ cytotoxic T lymphocytes may induce mesenchymal cell apoptosis in IgG4-related disease. Journal of Allergy and Clinical Immunology, 2021, 147, 368-382.	2.9	53
4	A Comparison of the Lehmann and GLM ROC Models. Science Journal of Applied Mathematics and Statistics, 2021, 9, 57.	0.1	0
5	Smoking and Human Immunodeficiency Virus 1 Infection Promote Retention of CD8 <sup>+</sup> T Cells in the Airway Mucosa. American Journal of Respiratory Cell and Molecular Biology, 2021, 65, 513-520.	2.9	10
6	Effective Surveillance of High-Risk Women. Clinical Breast Cancer, 2021, , .	2.4	1
7	LTA4H Prevalence and Mortality in Adult Zambians with Tuberculous Meningitis. Annals of Neurology, 2021, 90, 994-998.	5.3	1
8	Minimum redundancy maximal relevance gene selection of apoptosis pathway genes in peripheral blood mononuclear cells of HIV-infected patients with antiretroviral therapy-associated mitochondrial toxicity. BMC Medical Genomics, 2021, 14, 285.	1.5	2
9	Disease Severity Linked to Increase in Autoantibody Diversity in IgG4-Related Disease. Arthritis and Rheumatology, 2020, 72, 687-693.	5.6	38
10	Prostate and pancreas involvement are linked in IgG4-related disease. Seminars in Arthritis and Rheumatism, 2020, 50, 1245-1251.	3.4	7
11	Pre-HAART CD4+ T-lymphocytes as biomarkers of post-HAART immune recovery in HIV-infected children with or without TB co-infection. BMC Infectious Diseases, 2020, 20, 756.	2.9	2
12	Syndromic versus Laboratory Diagnosis of Sexually Transmitted Infections in Men in Moshi District of Tanzania. AIDS Research and Treatment, 2020, 2020, 1-7.	0.7	2
13	Cytotoxic CD4+ T lymphocytes may induce endothelial cell apoptosis in systemic sclerosis. Journal of Clinical Investigation, 2020, 130, 2451-2464.	8.2	106
14	Volatility and Variance Swap Using Superposition of the Barndorff-Nielsen and Shephard type Lévy Processes. Sankhya B, 2019, 81, 75-92.	0.9	7
15	Editor's Note: The Efficacy of the Novel Dual PI3-Kinase/mTOR Inhibitor NVP-BEZ235 Compared with Rapamycin in Renal Cell Carcinoma. Clinical Cancer Research, 2019, 25, 4194-4194.	7.0	0
16	Induction of metabolic quiescence defines the transitional to follicular B cell switch. Science Signaling, 2019, 12, .	3.6	35
17	Prospective Cohort Study on Performance of Cerebrospinal Fluid (CSF) Xpert MTB/RIF, CSF Lipoarabinomannan (LAM) Lateral Flow Assay (LFA), and Urine LAM LFA for Diagnosis of Tuberculous Meningitis in Zambia. Journal of Clinical Microbiology, 2019, 57, .	3.9	33
18	Comparing the Diagnostics Accuracy of CD4+ T-Lymphocyte Count and Percent as a Surrogate Markers of Pediatric HIV Disease. Journal of Mathematics and Statistics, 2019, 15, 55-64.	0.2	4

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19	A comparison of machine learning techniques for classification of HIV patients with antiretroviral therapy-induced mitochondrial toxicity from those without mitochondrial toxicity. BMC Medical Research Methodology, 2019, 19, 216.	3.1	11
20	The ROC curve for regularly measured longitudinal biomarkers. Biostatistics, 2019, 20, 433-451.	1.5	14
21	Resistance of HIV-infected macrophages to CD8+ T lymphocyte-mediated killing drives activation of the immune system. Nature Immunology, 2018, 19, 475-486.	14.5	105
22	Viral control in chronic HIV-1 subtype C infection is associated with enrichment of p24 IgG1 with Fc effector activity. Aids, 2018, 32, 1207-1217.	2.2	31
23	Effect of tuberculosis on immune restoration among HIV-infected patients receiving antiretroviral therapy. Journal of Applied Statistics, 2018, 45, 2357-2364.	1.3	2
24	Upregulation of Apoptosis Pathway Genes in Peripheral Blood Mononuclear Cells of HIV-Infected Individuals with Antiretroviral Therapy-Associated Mitochondrial Toxicity. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	4
25	HLA-C levels impact natural killer cell subset distribution and function. Human Immunology, 2016, 77, 1147-1153.	2.4	21
26	Elite controller CD8+ T cells exhibit comparable viral inhibition capacity, but better sustained effector properties compared to chronic progressors. Journal of Leukocyte Biology, 2016, 100, 1425-1433.	3.3	24
27	HIV-1 Antibody Neutralization Breadth Is Associated with Enhanced HIV-Specific CD4 <sup>+</sup> T Cell Responses. Journal of Virology, 2016, 90, 2208-2220.	3.4	29
28	Differences in the Selection Bottleneck between Modes of Sexual Transmission Influence the Genetic Composition of the HIV-1 Founder Virus. PLoS Pathogens, 2016, 12, e1005619.	4.7	97
29	Joint modeling of correlated binary outcomes: HIV-1 and HSV-2 co-infection. Journal of Applied Statistics, 2015, 42, 2180-2191.	1.3	8
30	Magnitude and Kinetics of CD8+ T Cell Activation during Hyperacute HIV Infection Impact Viral Set Point. Immunity, 2015, 43, 591-604.	14.3	234
31	Co-Infection with Mycobacterium tuberculosis Impairs HIV-Specific CD8+ and CD4+ T Cell Functionality. PLoS ONE, 2015, 10, e0118654.	2.5	19
32	Chronic HCV Infection Affects the NK Cell Phenotype in the Blood More than in the Liver. PLoS ONE, 2014, 9, e105950.	2.5	29
33	The Syndromic versus Laboratory Diagnosis of Sexually Transmitted Infections in Resource-Limited Settings. Isrn Aids, 2014, 2014, 1-5.	2.5	22
34	Polyfunctional Fc-Effector Profiles Mediated by IgG Subclass Selection Distinguish RV144 and VAX003 Vaccines. Science Translational Medicine, 2014, 6, 228ra38.	12.4	367
35	Molecular Diagnosis of Central Nervous System Opportunistic Infections in HIV-Infected Zambian Adults. Clinical Infectious Diseases, 2014, 58, 1771-1777.	5.8	70
36	Effects of Intra-vaginal Drying Agents on Mucosal Immune Activation and Risk for HIV Acquisition in South African Women. AIDS Research and Human Retroviruses, 2014, 30, A230-A231.	1.1	0

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37	Injectable Contraceptive Use Correlates with Increased HIV Target Cells at the Cervix in Young South African Women. <i>AIDS Research and Human Retroviruses</i> , 2014, 30, A54-A55.	1.1	1
38	Different Antigen-Processing Activities in Dendritic Cells, Macrophages, and Monocytes Lead to Uneven Production of HIV Epitopes and Affect CTL Recognition. <i>Journal of Immunology</i> , 2014, 193, 4322-4334.	0.8	22
39	Lack of Protection following Passive Transfer of Polyclonal Highly Functional Low-Dose Non-Neutralizing Antibodies. <i>PLoS ONE</i> , 2014, 9, e97229.	2.5	59
40	Phase III Randomized, Placebo-Controlled Trial of Docetaxel With or Without Gefitinib in Recurrent or Metastatic Head and Neck Cancer: An Eastern Cooperative Oncology Group Trial. <i>Journal of Clinical Oncology</i> , 2013, 31, 1405-1414.	1.6	188
41	No Effect of Adjunctive, Repeated-Dose Intranasal Insulin Treatment on Psychopathology and Cognition in Patients With Schizophrenia. <i>Journal of Clinical Psychopharmacology</i> , 2013, 33, 226-230.	1.4	14
42	HIV-Specific CD4 T Cell Responses to Different Viral Proteins Have Discordant Associations with Viral Load and Clinical Outcome. <i>Journal of Virology</i> , 2012, 86, 277-283.	3.4	93
43	Deciphering the epidemic synergy of herpes simplex virus type 2 (HSV-2) on human immunodeficiency virus type 1 (HIV-1) infection among women in sub-Saharan Africa. <i>BMC Research Notes</i> , 2012, 5, 451.	1.4	7
44	Factors Predicting Discordant Virological and Immunological Responses to Antiretroviral Therapy in HIV-1 Clade C Infected Zulu/Xhosa in South Africa. <i>PLoS ONE</i> , 2012, 7, e31161.	2.5	20
45	Reduced frequencies of NKp30+NKp46+, CD161+, and NKG2D+ NK cells in acute HCV infection may predict viral clearance. <i>Journal of Hepatology</i> , 2011, 55, 278-288.	3.7	118
46	R5-SHIV Induces Multiple Defects in T Cell Function during Early Infection of Rhesus Macaques Including Accumulation of T Reg Cells in Lymph Nodes. <i>PLoS ONE</i> , 2011, 6, e18465.	2.5	12
47	High Risk Behaviors and Sexually Transmitted Infections Among Men in Tanzania. <i>AIDS and Behavior</i> , 2011, 15, 1026-1032.	2.7	9
48	Prevalence and Pattern of Disclosure of HIV Status in HIV-Infected Children in Ghana. <i>AIDS and Behavior</i> , 2011, 15, 1121-1127.	2.7	122
49	A phase 2 trial of bortezomib followed by the addition of doxorubicin at progression in patients with recurrent or metastatic adenoid cystic carcinoma of the head and neck. <i>Cancer</i> , 2011, 117, 3374-3382.	4.1	62
50	Determinants of Individual Variation in Intracellular Accumulation of Anti-HIV Nucleoside Analog Metabolites. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 895-903.	3.2	13
51	High-Functional-Avidity Cytotoxic T Lymphocyte Responses to HLA-B-Restricted Gag-Derived Epitopes Associated with Relative HIV Control. <i>Journal of Virology</i> , 2011, 85, 9334-9345.	3.4	120
52	A Risk-Factor Guided Approach to Reducing Lactic Acidosis and Hyperlactatemia in Patients on Antiretroviral Therapy. <i>PLoS ONE</i> , 2011, 6, e18736.	2.5	15
53	The Efficacy of the Novel Dual PI3-Kinase/mTOR Inhibitor NVP-BEZ235 Compared with Rapamycin in Renal Cell Carcinoma. <i>Clinical Cancer Research</i> , 2010, 16, 3628-3638.	7.0	180
54	Carbonic Anhydrase IX Expression in Renal Neoplasms. <i>American Journal of Clinical Pathology</i> , 2010, 134, 873-879.	0.7	97

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55	Alterations in Natural Killer Cell Receptor Profiles During HIV Type 1 Disease Progression Among Chronically Infected South African Adults. <i>AIDS Research and Human Retroviruses</i> , 2010, 26, 459-469.	1.1	28
56	Longitudinal association of alcohol use with HIV disease progression and psychological health of women with HIV. <i>AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV</i> , 2009, 21, 834-841.	1.2	38
57	Nonparametric estimation of mean residual functions. <i>Lifetime Data Analysis</i> , 2009, 15, 107-119.	0.9	1
58	Alcohol Abuse, Sexual Risk Behaviors, and Sexually Transmitted Infections in Women in Moshi Urban District, Northern Tanzania. <i>Sexually Transmitted Diseases</i> , 2009, 36, 102-107.	1.7	45
59	Association of Age at First Sex With HIV-1, HSV-2, and Other Sexual Transmitted Infections Among Women in Northern Tanzania. <i>Sexually Transmitted Diseases</i> , 2009, 36, 570-576.	1.7	45
60	p63 Promotes Cell Survival through Fatty Acid Synthase. <i>PLoS ONE</i> , 2009, 4, e5877.	2.5	29
61	DNA-MVA Vaccine Protection after X4 SHIV Challenge in Macaques Correlates with Day-of-Challenge Antiviral CD4 <sup>+</sup> Cell-Mediated Immunity Levels and Postchallenge Preservation of CD4 <sup>+</sup> T Cell Memory. <i>AIDS Research and Human Retroviruses</i> , 2008, 24, 505-519.	1.1	32
62	Absolute CD4 <sup>+</sup> T-Lymphocyte Count as a Surrogate Marker of Pediatric Human Immunodeficiency Virus Disease Progression. <i>Pediatric Infectious Disease Journal</i> , 2008, 27, 629-635.	2.0	15
63	Decreased Numbers of Regulatory T Cells Suggest Impaired Immune Tolerance in Children with Tourette Syndrome: A Preliminary Study. <i>Biological Psychiatry</i> , 2007, 61, 273-278.	1.3	95
64	Psychosocial stress predicts future symptom severities in children and adolescents with Tourette syndrome and/or obsessive-compulsive disorder. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2007, 48, 157-166.	5.2	184
65	A randomized controlled trial of a coping group intervention for adults with HIV who are AIDS bereaved: Longitudinal effects on grief. <i>Health Psychology</i> , 2006, 25, 563-570.	1.6	86
66	Estimation of two ordered bivariate mean residual life functions. <i>Journal of Multivariate Analysis</i> , 2006, 97, 431-454.	1.0	5
67	Longitudinal Effects of Coping on Outcome in a Randomized Controlled Trial of a Group Intervention for HIV-Positive Adults with AIDS-Related Bereavement. <i>Death Studies</i> , 2006, 30, 609-636.	2.7	32