

Gerald Mboowa

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

756
citations

687363

13
h-index

580821

25
g-index

55
all docs

55
docs citations

55
times ranked

1362
citing authors

#	ARTICLE	IF	CITATIONS
1	Cough Aerosols of <i>Mycobacterium tuberculosis</i> Predict New Infection. A Household Contact Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 187, 1007-1015.	5.6	132
2	Sensititre MYCOTB MIC Plate for Testing <i>Mycobacterium tuberculosis</i> Susceptibility to First- and Second-Line Drugs. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 11-18.	3.2	86
3	Rifampicin resistance mutations in the 81bp RRDR of <i>rpoB</i> gene in <i>Mycobacterium tuberculosis</i> clinical isolates using Xpert®/MTB/RIF in Kampala, Uganda: a retrospective study. <i>BMC Infectious Diseases</i> , 2014, 14, 481.	2.9	48
4	Whole-Exome Sequencing Reveals Uncaptured Variation and Distinct Ancestry in the Southern African Population of Botswana. <i>American Journal of Human Genetics</i> , 2018, 102, 731-743.	6.2	38
5	Species and genotypic diversity of non-tuberculous mycobacteria isolated from children investigated for pulmonary tuberculosis in rural Uganda. <i>BMC Infectious Diseases</i> , 2013, 13, 88.	2.9	37
6	Isolation and Molecular Characterization of <i>Brucella</i> Isolates in Cattle Milk in Uganda. <i>BioMed Research International</i> , 2015, 2015, 1-9.	1.9	32
7	blaVIM- and blaOXA-mediated carbapenem resistance among <i>Acinetobacter baumannii</i> and <i>Pseudomonas aeruginosa</i> isolates from the Mulago hospital intensive care unit in Kampala, Uganda. <i>BMC Infectious Diseases</i> , 2019, 19, 853.	2.9	29
8	The collaborative African genomics network training program: a trainee perspective on training the next generation of African scientists. <i>Genetics in Medicine</i> , 2017, 19, 826-833.	2.4	29
9	Microbial contaminants isolated from items and work surfaces in the post-operative ward at Kawolo general hospital, Uganda. <i>BMC Infectious Diseases</i> , 2018, 18, 68.	2.9	27
10	Feasibility of establishing a biosafety level 3 tuberculosis culture laboratory of acceptable quality standards in a resource-limited setting: an experience from Uganda. <i>Health Research Policy and Systems</i> , 2015, 13, 4.	2.8	20
11	Role of genomics literacy in reducing the burden of common genetic diseases in Africa. <i>Molecular Genetics & Genomic Medicine</i> , 2019, 7, e00776.	1.2	16
12	Cough Aerosol Cultures of <i>Mycobacterium tuberculosis</i> : Insights on TST / IGRA Discordance and Transmission Dynamics. <i>PLoS ONE</i> , 2015, 10, e0138358.	2.5	16
13	High Genotypic Discordance of Concurrent <i>Mycobacterium tuberculosis</i> Isolates from Sputum and Blood of HIV-Infected Individuals. <i>PLoS ONE</i> , 2015, 10, e0132581.	2.5	15
14	Serological and molecular investigation for brucellosis in swine in selected districts of Uganda. <i>Tropical Animal Health and Production</i> , 2016, 48, 1147-1155.	1.4	15
15	The Collaborative African Genomics Network (CAfGEN): Applying Genomic technologies to probe host factors important to the progression of HIV and HIV-tuberculosis infection in sub-Saharan Africa. <i>AAS Open Research</i> , 2018, 1, 3.	1.5	15
16	An Early Morning Sputum Sample Is Necessary for the Diagnosis of Pulmonary Tuberculosis, Even with More Sensitive Techniques: A Prospective Cohort Study among Adolescent TB-Suspects in Uganda. <i>Tuberculosis Research and Treatment</i> , 2012, 2012, 1-6.	0.6	14
17	Face-Masking, an Acceptable Protective Measure against COVID-19 in Ugandan High-Risk Groups. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, , .	1.4	14
18	Genetics of Sub-Saharan African Human Population: Implications for HIV/AIDS, Tuberculosis, and Malaria. <i>International Journal of Evolutionary Biology</i> , 2014, 2014, 1-8.	1.0	13

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19	High prevalence of phenotypic pyrazinamide resistance and its association with <i>pncA</i> gene mutations in <i>Mycobacterium tuberculosis</i> isolates from Uganda. <i>PLoS ONE</i> , 2020, 15, e0232543.	2.5	12
20	Genetic Diversity, Distribution, and Genomic Characterization of Antibiotic Resistance and Virulence of Clinical <i>Pseudomonas aeruginosa</i> Strains in Kenya. <i>Frontiers in Microbiology</i> , 2022, 13, 835403.	3.5	12
21	Current and emerging diagnostic tests available for the novel COVID-19 global pandemic. <i>AAS Open Research</i> , 2020, 3, 8.	1.5	11
22	Clinico-pathological features of tuberculosis due to <i>Mycobacterium tuberculosis</i> Uganda genotype in patients with tuberculous lymphadenitis: a cross sectional study. <i>BMC Clinical Pathology</i> , 2014, 14, 14.	1.8	10
23	Human Genomic Loci Important in Common Infectious Diseases: Role of High-Throughput Sequencing and Genome-Wide Association Studies. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2018, 2018, 1-9.	1.9	10
24	The Collaborative African Genomics Network (CAfGEN): Applying Genomic technologies to probe host factors important to the progression of HIV and HIV-tuberculosis infection in sub-Saharan Africa. <i>AAS Open Research</i> , 2018, 1, 3.	1.5	10
25	Investigating colistin drug resistance: The role of high-throughput sequencing and bioinformatics. <i>F1000Research</i> , 2019, 8, 150.	1.6	9
26	Genomics and bioinformatics capacity in Africa: no continent is left behind. <i>Genome</i> , 2021, 64, 503-513.	2.0	8
27	Bioinformatics mentorship in a resource limited setting. <i>Briefings in Bioinformatics</i> , 2022, 23, .	6.5	8
28	First report of whole-genome analysis of an extensively drug-resistant <i>Mycobacterium tuberculosis</i> clinical isolate with bedaquiline, linezolid and clofazimine resistance from Uganda. <i>Antimicrobial Resistance and Infection Control</i> , 2022, 11, 68.	4.1	8
29	Whole-genome sequencing of SARS-CoV-2 in Uganda: implementation of the low-cost ARTIC protocol in resource-limited settings. <i>F1000Research</i> , 2021, 10, 598.	1.6	7
30	Gastrointestinal Tract Colonization Rate of Extended-Spectrum Beta-Lactamase-Producing Gram-Negative Bacteria and Associated Factors Among Orthopaedic Patients in a Tertiary Hospital in Tanzania: Implications for Infection Prevention. <i>Infection and Drug Resistance</i> , 2021, Volume 14, 1733-1745.	2.7	6
31	rMAP: the Rapid Microbial Analysis Pipeline for ESKAPE bacterial group whole-genome sequence data. <i>Microbial Genomics</i> , 2021, 7, .	2.0	6
32	Transmission Dynamics of Antimicrobial Resistance at a National Referral Hospital in Uganda. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021, 105, 498-506.	1.4	6
33	Investigating colistin drug resistance: The role of high-throughput sequencing and bioinformatics. <i>F1000Research</i> , 2019, 8, 150.	1.6	6
34	Efficacy of Face Masks Used in Uganda: A Laboratory-Based Inquiry during the COVID-19 Pandemic. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021, 104, 1703-1708.	1.4	5
35	Periodontopathogenic bacterial species among patients with periodontal diseases at Mulago Hospital Dental Clinic in Kampala, Uganda: A cross-section study. <i>Journal of Dentistry and Oral Hygiene</i> , 2014, 6, 58-63.	0.2	4
36	Improving the Sensitivity of the Xpert MTB/RIF Assay on Sputum Pellets by Decreasing the Amount of Added Sample Reagent: a Laboratory and Clinical Evaluation. <i>Journal of Clinical Microbiology</i> , 2015, 53, 1258-1263.	3.9	4

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37	Increasing Antimicrobial Resistance in Surgical Wards at Mulago National Referral Hospital, Uganda, from 2014 to 2018—Cause for Concern?. <i>Tropical Medicine and Infectious Disease</i> , 2021, 6, 82.	2.3	4
38	Unmapped exome reads implicate a role for Anelloviridae in childhood HIV-1 long-term non-progression. <i>Npj Genomic Medicine</i> , 2021, 6, 24.	3.8	3
39	Seroprevalence of Syphilis among Human Immunodeficiency Virus Positive Individuals Attending Immune Suppressed Syndrome Clinic at International Hospital Kampala, Uganda. <i>International STD Research & Reviews</i> , 2015, 3, 84-90.	0.2	2
40	Tuberculosis and Genetics of Sub-Saharan Africa Human Population. <i>Mycobacterial Diseases: Tuberculosis & Leprosy</i> , 2014, 04, .	0.1	1
41	Whole-genome sequence analysis of <i>Vibrio cholerae</i> from three outbreaks in Uganda, 2014 - 2016. <i>F1000Research</i> , 0, 8, 1340.	1.6	1
42	Variations in Trim5 α and Cyclophilin A genes among HIV-1 elite controllers and non controllers in Uganda: a laboratory-based cross-sectional study. <i>Retrovirology</i> , 2020, 17, 19.	2.0	0
43	Knowledge and attitude of secondary school students in Nakaseke, Uganda towards HIV transmission and treatment. <i>AAS Open Research</i> , 2021, 4, 23.	1.5	0
44	Knowledge and attitude of secondary school students in Nakaseke, Uganda towards HIV transmission and treatment. <i>AAS Open Research</i> , 2021, 4, 23.	1.5	0
45	Re-thinking antimicrobial resistance transmission dynamics: a meta-analysis of cross-sectional studies at referral hospitals in Uganda. <i>F1000Research</i> , 0, 9, 878.	1.6	0