

# Lesley Scott

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

2,589  
citations

471509

17  
h-index

302126

39  
g-index

48  
all docs

48  
docs citations

48  
times ranked

3827  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid epidemic expansion of the SARS-CoV-2 Omicron variant in southern Africa. <i>Nature</i> , 2022, 603, 679-686.	27.8	1,210
2	Xpert MTB/RIF Ultra for detection of <i>Mycobacterium tuberculosis</i> and rifampicin resistance: a prospective multicentre diagnostic accuracy study. <i>Lancet Infectious Diseases</i> , The, 2018, 18, 76-84.	9.1	474
3	Track Omicron™s spread with molecular data. <i>Science</i> , 2021, 374, 1454-1455.	12.6	103
4	Diagnostic Accuracy of Xpert MTB/RIF for Extrapulmonary Tuberculosis Specimens: Establishing a Laboratory Testing Algorithm for South Africa. <i>Journal of Clinical Microbiology</i> , 2014, 52, 1818-1823.	3.9	93
5	Rapid epidemic expansion of the SARS-CoV-2 Omicron variant in southern Africa. <i>Nature</i> , 0, , .	27.8	61
6	Performance of Xpert MTB/RIF, Xpert Ultra, and Abbott RealTime MTB for Diagnosis of Pulmonary Tuberculosis in a High-HIV-Burden Setting. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	3.9	49
7	Detection of isoniazid, fluoroquinolone, ethionamide, amikacin, kanamycin, and capreomycin resistance by the Xpert MTB/XDR assay: a cross-sectional multicentre diagnostic accuracy study. <i>Lancet Infectious Diseases</i> , The, 2022, 22, 242-249.	9.1	47
8	Impact of the GeneXpert MTB/RIF Technology on Tuberculosis Control. <i>Microbiology Spectrum</i> , 2017, 5, .	3.0	42
9	Options to Expand HIV Viral Load Testing in South Africa: Evaluation of the GeneXpert® HIV-1 Viral Load Assay. <i>PLoS ONE</i> , 2016, 11, e0168244.	2.5	40
10	Laboratory Evaluation of the Liat HIV Quant (IQum) Whole-Blood and Plasma HIV-1 Viral Load Assays for Point-of-Care Testing in South Africa. <i>Journal of Clinical Microbiology</i> , 2015, 53, 1616-1621.	3.9	36
11	Diagnosis of opportunistic infections. <i>Current Opinion in HIV and AIDS</i> , 2017, 12, 129-138.	3.8	31
12	SARS-CoV-2 Antigens Expressed in Plants Detect Antibody Responses in COVID-19 Patients. <i>Frontiers in Plant Science</i> , 2021, 12, 589940.	3.6	31
13	Performance of the Abbott RealTime MTB and MTB RIF/INH Assays in a Setting of High Tuberculosis and HIV Coinfection in South Africa. <i>Journal of Clinical Microbiology</i> , 2017, 55, 2491-2501.	3.9	29
14	Multicenter Feasibility Study To Assess External Quality Assessment Panels for Xpert MTB/RIF Assay in South Africa. <i>Journal of Clinical Microbiology</i> , 2014, 52, 2493-2499.	3.9	26
15	Feasibility of Performing Multiple Point of Care Testing for HIV Anti-Retroviral Treatment Initiation and Monitoring from Multiple or Single Fingersticks. <i>PLoS ONE</i> , 2013, 8, e85265.	2.5	25
16	Molecular Detection of <i>Mycobacterium tuberculosis</i> from Stools in Young Children by Use of a Novel Centrifugation-Free Processing Method. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	3.9	23
17	Cost and Impact of Dried Blood Spot Versus Plasma Separation Card for Scale-up of Viral Load Testing in Resource-limited Settings. <i>Clinical Infectious Diseases</i> , 2020, 70, 1014-1020.	5.8	23
18	HIV-1 viraemia and drug resistance amongst female sex workers in Soweto, South Africa: A cross sectional study. <i>PLoS ONE</i> , 2017, 12, e0188606.	2.5	20

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19	Guidance for Studies Evaluating the Accuracy of Sputum-Based Tests to Diagnose Tuberculosis. <i>Journal of Infectious Diseases</i> , 2019, 220, S99-S107.	4.0	19
20	Molecular characterisation of rifampicin-resistant <i>Mycobacterium tuberculosis</i> strains from Malawi. <i>African Journal of Laboratory Medicine</i> , 2017, 6, 463.	0.6	15
21	Performance of Cepheid Xpert HIV-1 viral load plasma assay to accurately detect treatment failure. <i>Aids</i> , 2019, 33, 1881-1889.	2.2	14
22	Comparative Analytical Evaluation of Four Centralized Platforms for the Detection of <i>Mycobacterium tuberculosis</i> Complex and Resistance to Rifampicin and Isoniazid. <i>Journal of Clinical Microbiology</i> , 2021, 59, .	3.9	13
23	Operational characteristics of 30 lateral flow immunoassays used to identify COVID-19 immune response. <i>Journal of Immunological Methods</i> , 2021, 496, 113096.	1.4	13
24	Human Immunodeficiency Virus (HIV)-Infected Patients Accept Finger Stick Blood Collection for Point-Of-Care CD4 Testing. <i>PLoS ONE</i> , 2016, 11, e0161891.	2.5	11
25	A Clinical Prediction Score Including Trial of Antibiotics and C-Reactive Protein to Improve the Diagnosis of Tuberculosis in Ambulatory People With HIV. <i>Open Forum Infectious Diseases</i> , 2020, 7, ofz543.	0.9	10
26	Implementation of an mHealth App to Promote Engagement During HIV Care and Viral Load Suppression in Johannesburg, South Africa (iThemba Life): Pilot Technical Feasibility and Acceptability Study. <i>JMIR Formative Research</i> , 2022, 6, e26033.	1.4	10
27	A survey of tuberculosis infection control practices at the NIH/NIAID/DAIDS-supported clinical trial sites in low and middle income countries. <i>BMC Infectious Diseases</i> , 2016, 16, 269.	2.9	9
28	Discordances between molecular assays for rifampicin resistance in <i>Mycobacterium tuberculosis</i> : frequency, mechanisms and clinical impact. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 1123-1129.	3.0	9
29	Performance of the Roche cobas MTB Assay for the Molecular Diagnosis of Pulmonary Tuberculosis in a High HIV Burden Setting. <i>Journal of Molecular Diagnostics</i> , 2020, 22, 1225-1237.	2.8	8
30	Performance of Xpert <sup>®</sup> MTB/RIF among tuberculosis outpatients in Lilongwe, Malawi. <i>African Journal of Laboratory Medicine</i> , 2017, 6, 464.	0.6	8
31	Accurate HIV viral load measurement in primary health care settings using the cobas <sup>®</sup> plasma separation card. <i>PLoS ONE</i> , 2020, 15, e0232122.	2.5	7
32	Self-Sampling for SARS-CoV-2 Diagnostic Testing by Using Nasal and Saliva Specimens: Protocol for Usability and Clinical Evaluation. <i>JMIR Research Protocols</i> , 2021, 10, e24811.	1.0	7
33	Continuous quality monitoring in the field: an evaluation of the performance of the Fio Deki Reader <sup>™</sup> , <sup>c</sup> for rapid HIV testing in South Africa. <i>BMC Infectious Diseases</i> , 2020, 20, 320.	2.9	4
34	A High Burden Human Immunodeficiency Virus and Tuberculosis Resource Limited Setting, Gains from Including Xpert MTB/RIF in the Diagnostic Algorithm of Fluid Specimens Submitted for Exclusion of Lymphoma by Immunophenotypic Analysis. <i>PLoS ONE</i> , 2015, 10, e0134404.	2.5	4
35	The Performance of the Abbott Real Time MTB RIF/INH Compared to the MTBDR <sup>+</sup> V2 for the Identification of MDR-TB Among Isolates. <i>Infection and Drug Resistance</i> , 2020, Volume 13, 3301-3308.	2.7	3
36	Challenges and complexities in evaluating severe acute respiratory syndrome coronavirus 2 molecular diagnostics during the COVID-19 pandemic. <i>African Journal of Laboratory Medicine</i> , 2022, 11, 1429.	0.6	3

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37	Validation of Roche immunoassay for severe acute respiratory coronavirus 2 in South Africa. Southern African Journal of Infectious Diseases, 2021, 36, .	0.5	2
38	Monitored Implementation of COVID-19 Rapid Antigen Screening at Taxi Ranks in Johannesburg, South Africa. Diagnostics, 2022, 12, 402.	2.6	2
39	Impact of the GeneXpert MTB/RIF Technology on Tuberculosis Control. , 2017, , 389-410.		1
40	Antigen-Based Point of Care Testing (POCT) for Diagnosing SARS-CoV-2: Assessing Performance. Methods in Molecular Biology, 2022, 2452, 45-62.	0.9	1
41	The Development of a Standardized Quality Assessment Material to Support Xpert <sup>®</sup> HIV-1 Viral Load Testing for ART Monitoring in South Africa. Diagnostics, 2021, 11, 160.	2.6	0
42	Diagnostic performance of the Abbott RealTime MTB assay for tuberculosis diagnosis in people living with HIV. Scientific Reports, 2021, 11, 19271.	3.3	0