

# Lesley Scott

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

2,589  
citations

535685

17  
h-index

340414

39  
g-index

48  
all docs

48  
docs citations

48  
times ranked

4090  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | 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. | 4.6  | 47        |
| 2  | Rapid epidemic expansion of the SARS-CoV-2 Omicron variant in southern Africa. <i>Nature</i> , 2022, 603, 679-686.   | 13.7 | 1,210     |
| 3  | 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. | 0.7  | 10        |
| 4  | Monitored Implementation of COVID-19 Rapid Antigen Screening at Taxi Ranks in Johannesburg, South Africa. <i>Diagnostics</i> , 2022, 12, 402.  | 1.3  | 2         |
| 5  | 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.  | 0.2  | 3         |
| 6  | Antigen-Based Point of Care Testing (POCT) for Diagnosing SARS-CoV-2: Assessing Performance. <i>Methods in Molecular Biology</i> , 2022, 2452, 45-62.  | 0.4  | 1         |
| 7  | The Development of a Standardized Quality Assessment Material to Support XpertÂ® HIV-1 Viral Load Testing for ART Monitoring in South Africa. <i>Diagnostics</i> , 2021, 11, 160.  | 1.3  | 0         |
| 8  | Comparative Analytical Evaluation of Four Centralized Platforms for the Detection of Mycobacterium tuberculosis Complex and Resistance to Rifampicin and Isoniazid. <i>Journal of Clinical Microbiology</i> , 2021, 59, .                              | 1.8  | 13        |
| 9  | SARS-CoV-2 Antigens Expressed in Plants Detect Antibody Responses in COVID-19 Patients. <i>Frontiers in Plant Science</i> , 2021, 12, 589940.  | 1.7  | 31        |
| 10 | Validation of Roche immunoassay for severe acute respiratory coronavirus 2 in South Africa. <i>Southern African Journal of Infectious Diseases</i> , 2021, 36, .   | 0.3  | 2         |
| 11 | Operational characteristics of 30 lateral flow immunoassays used to identify COVID-19 immune response. <i>Journal of Immunological Methods</i> , 2021, 496, 113096.  | 0.6  | 13        |
| 12 | Diagnostic performance of the Abbott RealTime MTB assay for tuberculosis diagnosis in people living with HIV. <i>Scientific Reports</i> , 2021, 11, 19271.   | 1.6  | 0         |
| 13 | 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.  | 0.5  | 7         |
| 14 | Track Omicronâ€™s spread with molecular data. <i>Science</i> , 2021, 374, 1454-1455.   | 6.0  | 103       |
| 15 | 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.  | 2.9  | 23        |
| 16 | &lt;p&gt;The Performance of the Abbott Real Time MTB RIF/INH Compared to the MTBDR&lt;em&gt;plus&lt;/em&gt; V2 for the Identification of MDR-TB Among Isolates&lt;p&gt;. <i>Infection and Drug Resistance</i> , 2020, Volume 13, 3301-3308.            | 1.1  | 3         |
| 17 | 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.  | 1.2  | 8         |
| 18 | Accurate HIV viral load measurement in primary health care settings using the cobasÂ® plasma separation card. <i>PLoS ONE</i> , 2020, 15, e0232122.  | 1.1  | 7         |

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|----|--|-----|-----------|
| 19 | Continuous quality monitoring in the field: an evaluation of the performance of the Fio Deki Reader <sup>®</sup> , <sup>†</sup> for rapid HIV testing in South Africa. BMC Infectious Diseases, 2020, 20, 320. | 1.3 | 4         |
| 20 | A Clinical Prediction Score Including Trial of Antibiotics and C-Reactive Protein to Improve the Diagnosis of Tuberculosis in Ambulatory People With HIV. Open Forum Infectious Diseases, 2020, 7, ofz543.     | 0.4 | 10        |
| 21 | Discordances between molecular assays for rifampicin resistance in <i>Mycobacterium tuberculosis</i> : frequency, mechanisms and clinical impact. Journal of Antimicrobial Chemotherapy, 2020, 75, 1123-1129.  | 1.3 | 9         |
| 22 | Guidance for Studies Evaluating the Accuracy of Sputum-Based Tests to Diagnose Tuberculosis. Journal of Infectious Diseases, 2019, 220, S99-S107.  | 1.9 | 19        |
| 23 | Performance of Cepheid Xpert HIV-1 viral load plasma assay to accurately detect treatment failure. Aids, 2019, 33, 1881-1889.  | 1.0 | 14        |
| 24 | Xpert MTB/RIF Ultra for detection of <i>Mycobacterium tuberculosis</i> and rifampicin resistance: a prospective multicentre diagnostic accuracy study. Lancet Infectious Diseases, The, 2018, 18, 76-84.       | 4.6 | 474       |
| 25 | Performance of Xpert MTB/RIF, Xpert Ultra, and Abbott RealTi <i>mTb</i> for Diagnosis of Pulmonary Tuberculosis in a High-HIV-Burden Setting. Journal of Clinical Microbiology, 2018, 56, .                    | 1.8 | 49        |
| 26 | Molecular Detection of <i>Mycobacterium tuberculosis</i> from Stools in Young Children by Use of a Novel Centrifugation-Free Processing Method. Journal of Clinical Microbiology, 2018, 56, .                  | 1.8 | 23        |
| 27 | Impact of the GeneXpert MTB/RIF Technology on Tuberculosis Control. Microbiology Spectrum, 2017, 5, .  | 1.2 | 42        |
| 28 | Diagnosis of opportunistic infections. Current Opinion in HIV and AIDS, 2017, 12, 129-138.   | 1.5 | 31        |
| 29 | Performance of the Abbott RealTi <i>mTb</i> and MTB RIF/INH Assays in a Setting of High Tuberculosis and HIV Coinfection in South Africa. Journal of Clinical Microbiology, 2017, 55, 2491-2501.               | 1.8 | 29        |
| 30 | Impact of the GeneXpert MTB/RIF Technology on Tuberculosis Control. , 2017, , 389-410.   |     | 1         |
| 31 | HIV-1 viraemia and drug resistance amongst female sex workers in Soweto, South Africa: A cross sectional study. PLoS ONE, 2017, 12, e0188606.  | 1.1 | 20        |
| 32 | Molecular characterisation of rifampicin-resistant <i>Mycobacterium tuberculosis</i> strains from Malawi. African Journal of Laboratory Medicine, 2017, 6, 463.  | 0.2 | 15        |
| 33 | Performance of Xpert <sup>®</sup> MTB/RIF among tuberculosis outpatients in Lilongwe, Malawi. African Journal of Laboratory Medicine, 2017, 6, 464.  | 0.2 | 8         |
| 34 | A survey of tuberculosis infection control practices at the NIH/NIAID/DAIDS-supported clinical trial sites in low and middle income countries. BMC Infectious Diseases, 2016, 16, 269.                         | 1.3 | 9         |
| 35 | Human Immunodeficiency Virus (HIV)-Infected Patients Accept Finger Stick Blood Collection for Point-Of-Care CD4 Testing. PLoS ONE, 2016, 11, e0161891.   | 1.1 | 11        |
| 36 | Options to Expand HIV Viral Load Testing in South Africa: Evaluation of the GeneXpert <sup>®</sup> HIV-1 Viral Load Assay. PLoS ONE, 2016, 11, e0168244.   | 1.1 | 40        |

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|----|---|------|-----------|
| 37 | 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.   | 1.8  | 36        |
| 38 | 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. | 1.1  | 4         |
| 39 | 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.  | 1.8  | 93        |
| 40 | 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.  | 1.8  | 26        |
| 41 | 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.   | 1.1  | 25        |
| 42 | Rapid epidemic expansion of the SARS-CoV-2 Omicron variant in southern Africa. <i>Nature</i> , 0, , .   | 13.7 | 61        |