

Timothy C Rodwell

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,915
citations

430874

18
h-index

361022

35
g-index

40
all docs

40
docs citations

40
times ranked

2278
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | The 2021 WHO catalogue of Mycobacterium tuberculosis complex mutations associated with drug resistance: a genotypic analysis. <i>Lancet Microbe</i> , The, 2022, 3, e265-e273. | 7.3 | 114 |
| 2 | Detecting rifampin and isoniazid resistance in Mycobacterium tuberculosis direct from patient sputum using an automated integrated system. <i>Journal of Clinical Tuberculosis and Other Mycobacterial Diseases</i> , 2022, 27, 100304. | 1.3 | 1 |
| 3 | Knowledge, Attitude, Practices, and Vaccine Hesitancy Among the Latinx Community in Southern California Early in the COVID-19 Pandemic: Cross-sectional Survey. <i>JMIR Formative Research</i> , 2022, 6, e38351. | 1.4 | 2 |
| 4 | Variants in Bedaquiline-Candidate-Resistance Genes: Prevalence in Bedaquiline-Naive Patients, Effect on MIC, and Association with Mycobacterium tuberculosis Lineage. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, . | 3.2 | 5 |
| 5 | Assessing COVID-19-Related Knowledge, Attitudes, and Practices Among Hispanic Primary Care Patients: Protocol for a Cross-sectional Survey Study. <i>JMIR Research Protocols</i> , 2021, 10, e25265. | 1.0 | 3 |
| 6 | Rapid Detection of Extensively Drug-Resistant Tuberculosis in Clinical Samples Using a Novel Tabletop Platform: Protocol for a Prospective Clinical Study. <i>JMIR Research Protocols</i> , 2021, 10, e26748. | 1.0 | 2 |
| 7 | Detection and quantification of Mycobacterium tuberculosis antigen CFP10 in serum and urine for the rapid diagnosis of active tuberculosis disease. <i>Scientific Reports</i> , 2021, 11, 19193. | 3.3 | 8 |
| 8 | Distinct blood transcriptomic signature of treatment in latent tuberculosis infected individuals at risk of developing active disease. <i>Tuberculosis</i> , 2021, 131, 102127. | 1.9 | 13 |
| 9 | Application of Targeted Next-Generation Sequencing Assay on a Portable Sequencing Platform for Culture-Free Detection of Drug-Resistant Tuberculosis from Clinical Samples. <i>Journal of Clinical Microbiology</i> , 2020, 58, . | 3.9 | 57 |
| 10 | Laboratory Evaluation of a Lateral-Flow Cell for Molecular Detection of First-Line and Second-Line Antituberculosis Drug Resistance. <i>Journal of Clinical Microbiology</i> , 2020, 58, . | 3.9 | 3 |
| 11 | Review of automated DNA extraction systems for sequencing-based solutions for drug-resistant tuberculosis detection. <i>Diagnostic Microbiology and Infectious Disease</i> , 2020, 98, 115096. | 1.8 | 3 |
| 12 | Requiring smartphone ownership for mHealth interventions: who could be left out?. <i>BMC Public Health</i> , 2020, 20, 81. | 2.9 | 31 |
| 13 | Using Mycobacterium tuberculosis Single-Nucleotide Polymorphisms To Predict Fluoroquinolone Treatment Response. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, . | 3.2 | 4 |
| 14 | Whole-genome and targeted sequencing of drug-resistant Mycobacterium tuberculosis on the iSeq100 and MiSeq: A performance, ease-of-use, and cost evaluation. <i>PLoS Medicine</i> , 2019, 16, e1002794. | 8.4 | 49 |
| 15 | Cost analysis of rapid diagnostics for drug-resistant tuberculosis. <i>BMC Infectious Diseases</i> , 2018, 18, 102. | 2.9 | 6 |
| 16 | Surveillance or support: The experience of direct observation during tuberculosis treatment. <i>Global Public Health</i> , 2018, 13, 804-818. | 2.0 | 7 |
| 17 | Prediction of Susceptibility to First-Line Tuberculosis Drugs by DNA Sequencing. <i>New England Journal of Medicine</i> , 2018, 379, 1403-1415. | 27.0 | 405 |
| 18 | Integrating standardized whole genome sequence analysis with a global Mycobacterium tuberculosis antibiotic resistance knowledgebase. <i>Scientific Reports</i> , 2018, 8, 15382. | 3.3 | 75 |

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|----|--|-----|-----------|
| 19 | Increased Tuberculosis Patient Mortality Associated with Mycobacterium tuberculosis Mutations Conferring Resistance to Second-Line Antituberculous Drugs. <i>Journal of Clinical Microbiology</i> , 2017, 55, 1928-1937. | 3.9 | 16 |
| 20 | Impact of Fluoroquinolone Use on Mortality Among a Cohort of Patients With Suspected Drug-Resistant Tuberculosis. <i>Clinical Infectious Diseases</i> , 2017, 65, 772-778. | 5.8 | 12 |
| 21 | A standardised method for interpreting the association between mutations and phenotypic drug resistance in <i>Mycobacterium tuberculosis</i> . <i>European Respiratory Journal</i> , 2017, 50, 1701354. | 6.7 | 273 |
| 22 | Performance of the Xpert MTB/RIF assay for the diagnosis of pulmonary tuberculosis and rifampin resistance in a low-incidence, high-resource setting. <i>PLoS ONE</i> , 2017, 12, e0186139. | 2.5 | 33 |
| 23 | Rapid Drug Susceptibility Testing of Drug-Resistant Mycobacterium tuberculosis Isolates Directly from Clinical Samples by Use of Amplicon Sequencing: a Proof-of-Concept Study. <i>Journal of Clinical Microbiology</i> , 2016, 54, 2058-2067. | 3.9 | 76 |
| 24 | Correlating rrs and eis promoter mutations in clinical isolates of Mycobacterium tuberculosis with phenotypic susceptibility levels to the second-line injectables. <i>International Journal of Mycobacteriology</i> , 2016, 5, 1-6. | 0.6 | 42 |
| 25 | Next-generation sequencing-based user-friendly platforms for drug-resistant tuberculosis diagnosis: A promise for the near future. <i>International Journal of Mycobacteriology</i> , 2016, 5, S27-S28. | 0.6 | 14 |
| 26 | Shedding light on the performance of a pyrosequencing assay for drug-resistant tuberculosis diagnosis. <i>BMC Infectious Diseases</i> , 2016, 16, 458. | 2.9 | 9 |
| 27 | Detection of Low-Level Mixed-Population Drug Resistance in Mycobacterium tuberculosis Using High Fidelity Amplicon Sequencing. <i>PLoS ONE</i> , 2015, 10, e0126626. | 2.5 | 93 |
| 28 | Defining multidrug-resistant tuberculosis: correlating GenoType MTBDR plus assay results with minimum inhibitory concentrations. <i>Diagnostic Microbiology and Infectious Disease</i> , 2015, 82, 49-53. | 1.8 | 21 |
| 29 | Novel <i>katG</i> mutations causing isoniazid resistance in clinical <i>M. tuberculosis</i> isolates. <i>Emerging Microbes and Infections</i> , 2015, 4, 1-9. | 6.5 | 95 |
| 30 | Correlating Minimum Inhibitory Concentrations of ofloxacin and moxifloxacin with gyrA mutations using the genotype MTBDRsl assay. <i>Tuberculosis</i> , 2015, 95, 137-141. | 1.9 | 34 |
| 31 | Evaluation of Pyrosequencing for Detecting Extensively Drug-Resistant Mycobacterium tuberculosis among Clinical Isolates from Four High-Burden Countries. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 414-420. | 3.2 | 36 |
| 32 | Genetic Mutations Associated with Isoniazid Resistance in Mycobacterium tuberculosis: A Systematic Review. <i>PLoS ONE</i> , 2015, 10, e0119628. | 2.5 | 236 |
| 33 | The Global Consortium for Drug-resistant Tuberculosis Diagnostics (GCDD): design of a multi-site, head-to-head study of three rapid tests to detect extensively drug-resistant tuberculosis. <i>Trials</i> , 2014, 15, 434. | 1.6 | 28 |
| 34 | Predicting Extensively Drug-Resistant Mycobacterium tuberculosis Phenotypes with Genetic Mutations. <i>Journal of Clinical Microbiology</i> , 2014, 52, 781-789. | 3.9 | 99 |
| 35 | A novel technique for aging male African elephants (<i>Loxodonta africana</i>) using craniofacial photogrammetry and geometric morphometrics. <i>Mammalian Biology</i> , 0, , . | 1.5 | 5 |