

Jorge Coronel

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,473
citations

430874

18
h-index

330143

37
g-index

39
all docs

39
docs citations

39
times ranked

1814
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-cost 3D-printed inverted microscope to detect Mycobacterium tuberculosis in a MODS culture. Tuberculosis, 2022, 132, 102158.	1.9	3
2	The 2021 WHO catalogue of Mycobacterium tuberculosis complex mutations associated with drug resistance: a genotypic analysis. Lancet Microbe, The, 2022, 3, e265-e273.	7.3	114
3	Phenylisoxazole-3/5-Carbaldehyde Isonicotinylhydrazone Derivatives: Synthesis, Characterization, and Antitubercular Activity. Journal of Chemistry, 2021, 2021, 1-14.	1.9	4
4	Genomic signatures of pre-resistance in Mycobacterium tuberculosis. Nature Communications, 2021, 12, 7312.	12.8	33
5	A case report of transmission and disease caused by Mycobacterium caprae and Mycobacterium bovis in Lima, Peru. BMC Infectious Diseases, 2021, 21, 1265.	2.9	2
6	Cough dynamics in adults receiving tuberculosis treatment. PLoS ONE, 2020, 15, e0231167.	2.5	8
7	Cough Frequency During Treatment Associated With Baseline Cavitory Volume and Proximity to the Airway in Pulmonary TB. Chest, 2018, 153, 1358-1367.	0.8	13
8	Investigating spillover of multidrug-resistant tuberculosis from a prison: a spatial and molecular epidemiological analysis. BMC Medicine, 2018, 16, 122.	5.5	39
9	Dynamics of Cough Frequency in Adults Undergoing Treatment for Pulmonary Tuberculosis. Clinical Infectious Diseases, 2017, 64, 1174-1181.	5.8	46
10	Urine lipoarabinomannan glycan in HIV-negative patients with pulmonary tuberculosis correlates with disease severity. Science Translational Medicine, 2017, 9, .	12.4	88
11	Minimum inhibitory concentration distributions for first- and second-line antimicrobials against Mycobacterium tuberculosis. Journal of Medical Microbiology, 2017, 66, 1023-1026.	1.8	10
12	Convergent evolution and topologically disruptive polymorphisms among multidrug-resistant tuberculosis in Peru. PLoS ONE, 2017, 12, e0189838.	2.5	19
13	Protocol for studying cough frequency in people with pulmonary tuberculosis. BMJ Open, 2016, 6, e010365.	1.9	20
14	Detecting Mutations in the Mycobacterium tuberculosis Pyrazinamidase Gene pncA to Improve Infection Control and Decrease Drug Resistance Rates in Human Immunodeficiency Virus Coinfection. American Journal of Tropical Medicine and Hygiene, 2016, 95, 1239-1246.	1.4	5
15	A quantitative adaptation of the Wayne test for pyrazinamide resistance. Tuberculosis, 2016, 99, 41-46.	1.9	11
16	<i>dfrA thyA</i> Double Deletion in <i>para</i> -Aminosalicylic Acid-Resistant Mycobacterium tuberculosis Beijing Strains. Antimicrobial Agents and Chemotherapy, 2016, 60, 3864-3867.	3.2	20
17	Rationing tests for drug-resistant tuberculosis “who are we prepared to miss?”. BMC Medicine, 2016, 14, 30.	5.5	7
18	Evaluation of a lens-free imager to facilitate tuberculosis diagnostics in MODS. Tuberculosis, 2016, 97, 26-32.	1.9	3

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19	The Association between Mycobacterium Tuberculosis Genotype and Drug Resistance in Peru. PLoS ONE, 2015, 10, e0126271.	2.5	24
20	Transmission of Multidrug-Resistant and Drug-Susceptible Tuberculosis within Households: A Prospective Cohort Study. PLoS Medicine, 2015, 12, e1001843.	8.4	100
21	A Field Evaluation of the Hardy TB MODS Kit, for the Rapid Phenotypic Diagnosis of Tuberculosis and Multi-Drug Resistant Tuberculosis. PLoS ONE, 2014, 9, e107258.	2.5	14
22	Second-line anti-tuberculosis drug concentrations for susceptibility testing in the MODS assay. European Respiratory Journal, 2013, 41, 1163-1171.	6.7	17
23	Morphological Characterization of Mycobacterium tuberculosis in a MODS Culture for an Automatic Diagnostics through Pattern Recognition. PLoS ONE, 2013, 8, e82809.	2.5	14
24	Induced Sputum MMP-1, -3 & -8 Concentrations during Treatment of Tuberculosis. PLoS ONE, 2013, 8, e61333.	2.5	70
25	Genetic Diversity and Transmission Characteristics of Beijing Family Strains of Mycobacterium tuberculosis in Peru. PLoS ONE, 2012, 7, e49651.	2.5	74
26	Development of an automated MODS plate reader to detect early growth of Mycobacterium tuberculosis. Journal of Microscopy, 2011, 242, 325-330.	1.8	12
27	Evaluation of bleach-sedimentation for sterilising and concentrating Mycobacterium tuberculosis in sputum specimens. BMC Infectious Diseases, 2011, 11, 269.	2.9	13
28	Development of Low-Cost Inverted Microscope to Detect Early Growth of Mycobacterium tuberculosis in MODS Culture. PLoS ONE, 2010, 5, e9577.	2.5	21
29	Microscopic Observation Drug Susceptibility Assay for Tuberculosis Screening before Isoniazid Preventive Therapy in HIV-Infected Persons. Clinical Infectious Diseases, 2010, 50, 988-996.	5.8	22
30	Prolonged Infectiousness of Tuberculosis Patients in a Directly Observed Therapy Short-Course Program with Standardized Therapy. Clinical Infectious Diseases, 2010, 51, 371-378.	5.8	59
31	Can the power of mobile phones be used to improve tuberculosis diagnosis in developing countries?. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2009, 103, 638-640.	1.8	58
32	Field and laboratory preparedness: challenges to rolling out new multidrug-resistant tuberculosis diagnostics. Revista Panamericana De Salud Publica/Pan American Journal of Public Health, 2009, 26, 120-127.	1.1	3
33	Inter- and Intra-Assay Reproducibility of Microplate Alamar Blue Assay Results for Isoniazid, Rifampicin, Ethambutol, Streptomycin, Ciprofloxacin, and Capreomycin Drug Susceptibility Testing of Mycobacterium tuberculosis. Journal of Clinical Microbiology, 2008, 46, 3526-3529.	3.9	41
34	The MODS method for diagnosis of tuberculosis and multidrug resistant tuberculosis. Journal of Visualized Experiments, 2008, , .	0.3	15
35	Solar Disinfection of MODS Mycobacterial Cultures in Resource-Poor Settings. PLoS ONE, 2007, 2, e1100.	2.5	5
36	Microscopic-Observation Drug-Susceptibility Assay for the Diagnosis of TB. New England Journal of Medicine, 2006, 355, 1539-1550.	27.0	428

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37	Infrequent MODS TB culture cross-contamination in a high-burden resource-poor setting. <i>Diagnostic Microbiology and Infectious Disease</i> , 2006, 56, 35-43.	1.8	29
38	Antimicrobial Susceptibilities and Serotype Distribution of <i>Streptococcus pneumoniae</i> Isolates from a Low Socioeconomic Area in Lima, Peru. <i>Vaccine Journal</i> , 2002, 9, 1328-1331.	3.1	9