Leonid W Lecca

List of Publications by Year
in descending order

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102 papers	1,914 citations	361045 20 h-index	360668 35 g-index
122 all docs	122 docs citations	122 times ranked	2893 citing authors

#	Article	IF	Citations
1	Tuberculosis and chronic respiratory disease: a systematic review. International Journal of Infectious Diseases, 2015, 32, 138-146.	1.5	238
2	Vitamin D status and risk of incident tuberculosis disease: A nested case-control study, systematic review, and individual-participant data meta-analysis. PLoS Medicine, 2019, 16, e1002907.	3.9	91
3	Efficacy and Safety of High-Dose Rifampin in Pulmonary Tuberculosis. A Randomized Controlled Trial. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 657-666.	2.5	83
4	Impact of Vitamin A and Carotenoids on the Risk of Tuberculosis Progression. Clinical Infectious Diseases, 2017, 65, 900-909.	2.9	82
5	Single-cell eQTL models reveal dynamic T cell state dependence of disease loci. Nature, 2022, 606, 120-128.	13.7	75
6	Identifying Hotspots of Multidrug-Resistant Tuberculosis Transmission Using Spatial and Molecular Genetic Data. Journal of Infectious Diseases, 2016, 213, 287-294.	1.9	62
7	Multimodally profiling memory T cells from a tuberculosis cohort identifies cell state associations with demographics, environment and disease. Nature Immunology, 2021, 22, 781-793.	7.0	52
8	The Effect of HIV-Related Immunosuppression on the Risk of Tuberculosis Transmission to Household Contacts. Clinical Infectious Diseases, 2014, 58, 765-774.	2.9	51
9	Early progression to active tuberculosis is a highly heritable trait driven by 3q23 in Peruvians. Nature Communications, 2019, 10, 3765.	5.8	43
10	Age-Specific Risks of Tuberculosis Infection From Household and Community Exposures and Opportunities for Interventions in a High-Burden Setting. American Journal of Epidemiology, 2014, 180, 853-861.	1.6	39
11	Barriers to the treatment of childhood tuberculous infection and tuberculosis disease: a qualitative study. International Journal of Tuberculosis and Lung Disease, 2017, 21, 154-160.	0.6	39
12	A positively selected FBN1 missense variant reduces height in Peruvian individuals. Nature, 2020, 582, 234-239.	13.7	39
13	Transmissibility and potential for disease progression of drug resistantMycobacterium tuberculosis: prospective cohort study. BMJ: British Medical Journal, 2019, 367, l5894.	2.4	38
14	Culture Conversion in Patients Treated with Bedaquiline and/or Delamanid. A Prospective Multicountry Study. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 111-119.	2.5	36
15	Bacillus Calmette-GuÃ©rin and Isoniazid Preventive Therapy Protect Contacts of Patients with Tuberculosis. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 853-859.	2.5	30
16	Barriers to the diagnosis of childhood tuberculosis: a qualitative study. International Journal of Tuberculosis and Lung Disease, 2015, 19, 1144-1152.	0.6	30
17	Evaluation of high-dose rifampin in patients with new, smear-positive tuberculosis (HIRIF): study protocol for a randomized controlled trial. BMC Infectious Diseases, 2016, 16, 453.	1.3	29
18	Modifiable Factors Associated with Tuberculosis Disease in Children. Pediatric Infectious Disease Journal, 2014, 33, 109-111.	1.1	25

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19	Whole genome sequencing identifies bacterial factors affecting transmission of multidrug-resistant tuberculosis in a high-prevalence setting. Scientific Reports, 2019, 9, 5602.	1.6	25
20	Cigarette smoking among tuberculosis patients increases risk of transmission to child contacts. International Journal of Tuberculosis and Lung Disease, 2014, 18, 1285-1291.	0.6	24
21	Chronic airflow obstruction after successful treatment of multidrug-resistant tuberculosis. ERJ Open Research, 2017, 3, 00026-2017.	1.1	24
22	Adaptation of a web-based, open source electronic medical record system platform to support a large study of tuberculosis epidemiology. BMC Medical Informatics and Decision Making, 2012, 12, 125.	1.5	23
23	Detection of Mycobacterium Tuberculosis DNA in Buccal Swab Samples from Children in Lima, Peru. Pediatric Infectious Disease Journal, 2020, 39, e376-e380.	1.1	23
24	Acquired and Transmitted Multidrug Resistant Tuberculosis: The Role of Social Determinants. PLoS ONE, 2016, 11, e0146642.	1.1	22
25	CD1b Tetramers Broadly Detect T Cells That Correlate With Mycobacterial Exposure but Not Tuberculosis Disease State. Frontiers in Immunology, 2020, 11, 199.	2.2	22
26	A Cross Sectional Study of Knowledge and Attitudes Towards Tuberculosis amongst Front-Line Tuberculosis Personnel in High Burden Areas of Lima, Peru. PLoS ONE, 2013, 8, e75698.	1.1	21
27	Development and Validation of a Food Frequency Questionnaire to Estimate Intake among Children and Adolescents in Urban Peru. Nutrients, 2017, 9, 1121.	1.7	20
28	Severe pulmonary radiological manifestations are associated with a distinct biochemical profile in blood of tuberculosis patients with dysglycemia. BMC Infectious Diseases, 2020, 20, 139.	1.3	20
29	Baseline Predictors of Treatment Outcomes in Children With Multidrug-Resistant Tuberculosis: A Retrospective Cohort Study. Clinical Infectious Diseases, 2016, 63, 1063-1071.	2.9	19
30	Vitamin E Status Is Inversely Associated with Risk of Incident Tuberculosis Disease among Household Contacts. Journal of Nutrition, 2018, 148, 56-62.	1.3	19
31	High prevalence and heterogeneity of Dysglycemia in patients with tuberculosis from Peru: a prospective cohort study. BMC Infectious Diseases, 2019, 19, 799.	1.3	19
32	Tuberculosis household accompaniment to improve the contact management cascade: A prospective cohort study. PLoS ONE, 2019, 14, e0217104.	1.1	19
33	Peripheral Blood Mucosal-Associated Invariant T Cells in Tuberculosis Patients and Healthy Mycobacterium tuberculosis-Exposed Controls. Journal of Infectious Diseases, 2020, 222, 995-1007.	1.9	19
34	Increased Doses Lead to Higher Drug Exposures of Levofloxacin for Treatment of Tuberculosis. Antimicrobial Agents and Chemotherapy, 2018, 62, .	1.4	18
35	An optimized background regimen design to evaluate the contribution of levofloxacin to multidrug-resistant tuberculosis treatment regimens: study protocol for a randomized controlled trial. Trials, 2017, 18, 563.	0.7	17
36	Nutritional Status and Tuberculosis Risk in Adult and Pediatric Household Contacts. PLoS ONE, 2016, 11, e0166333.	1.1	16

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37	Culture Conversion at 6 Months in Patients Receiving Delamanid-containing Regimens for the Treatment of Multidrug-resistant Tuberculosis. Clinical Infectious Diseases, 2020, 71, 415-418.	2.9	16
38	Isoniazid Preventive Therapy in Contacts of Multidrug-Resistant Tuberculosis. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 1159-1168.	2.5	16
39	Genotyping Multidrug-Resistant Mycobacterium tuberculosis from Primary Sputum and Decontaminated Sediment with an Integrated Microfluidic Amplification Microarray Test. Journal of Clinical Microbiology, 2018, 56, .	1.8	15
40	Identifying barriers and facilitators to implementation of community-based tuberculosis active case finding with mobile X-ray units in Lima, Peru: a RE-AIM evaluation. BMJ Open, 2021, 11, e050314.	0.8	15
41	Detection of Mycobacterium tuberculosis in pediatric stool samples using TruTip technology. BMC Infectious Diseases, 2019, 19, 563.	1.3	14
42	Pyrazinamide Resistance Assays and Two-Month Sputum Culture Status in Patients with Multidrug-Resistant Tuberculosis. Antimicrobial Agents and Chemotherapy, 2016, 60, 6766-6773.	1.4	12
43	Mycobacterium tuberculosis Beijing Lineage and Risk for Tuberculosis in Child Household Contacts, Peru. Emerging Infectious Diseases, 2020, 26, 568-578.	2.0	12
44	Evaluation of health-care providersâ€™ knowledge of childhood tuberculosis in Lima, Peru. Paediatrics and International Child Health, 2015, 35, 29-35.	0.3	11
45	Polyclonal Pulmonary Tuberculosis Infections and Risk for Multidrug Resistance, Lima, Peru. Emerging Infectious Diseases, 2017, 23, 1887-1890.	2.0	11
46	Feasibility of the string test for tuberculosis diagnosis in children between 4 and 14Âyears old. BMC Infectious Diseases, 2018, 18, 574.	1.3	11
47	Feasibility and yield of screening for non-communicable diseases among treated tuberculosis patients in Peru. International Journal of Tuberculosis and Lung Disease, 2018, 22, 86-92.	0.6	11
48	Molecular detection of Mycobacterium tuberculosis from buccal swabs among adult in Peru. Scientific Reports, 2020, 10, 22231.	1.6	11
49	A TCR Î²-Chain Motif Biases toward Recognition of Human CD1 Proteins. Journal of Immunology, 2019, 203, 3395-3406.	0.4	10
50	The Use of Wearable Technology to Objectively Measure Sleep Quality and Physical Activity Among Pregnant Women in Urban Lima, Peru: A Pilot Feasibility Study. Maternal and Child Health Journal, 2020, 24, 823-828.	0.7	10
51	Toward patient-centered tuberculosis preventive treatment: preferences for regimens and formulations in Lima, Peru. BMC Public Health, 2021, 21, 121.	1.2	10
52	Persistent dysglycemia is associated with unfavorable treatment outcomes in patients with pulmonary tuberculosis from Peru. International Journal of Infectious Diseases, 2022, 116, 293-301.	1.5	10
53	Parasite Infection and Tuberculosis Disease among Children: A Caseâ€“Control Study. American Journal of Tropical Medicine and Hygiene, 2014, 90, 279-282.	0.6	9
54	Risk factors for and origins of COPD. Lancet, The, 2015, 385, 1723-1724.	6.3	9

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55	Prevalence of pyrazinamide resistance and Wayne assay performance analysis in a tuberculosis cohort in Lima, Peru. International Journal of Tuberculosis and Lung Disease, 2017, 21, 894-901.	0.6	9
56	Automated TruTip nucleic acid extraction and purification from raw sputum. PLoS ONE, 2018, 13, e0199869.	1.1	9
57	Performance of a household tuberculosis exposure survey among children in a Latin American setting. International Journal of Tuberculosis and Lung Disease, 2019, 23, 1223-1227.	0.6	9
58	Two Clinical Prediction Tools to Improve Tuberculosis Contact Investigation. Clinical Infectious Diseases, 2020, 71, e338-e350.	2.9	9
59	Clinical presentation of children with pulmonary tuberculosis: 25 years of experience in Lima, Peru. International Journal of Tuberculosis and Lung Disease, 2014, 18, 1066-1073.	0.6	8
60	Addressing tuberculosis patientsâ€™ medical and socioâ€economic needs: a comprehensive programmatic approach. Tropical Medicine and International Health, 2017, 22, 505-511.	1.0	8
61	Protective effects of household-based TB interventions are robust to neighbourhood-level variation in exposure risk in Lima, Peru: a model-based analysis. International Journal of Epidemiology, 2018, 47, 185-192.	0.9	8
62	Tuberculosis clinical presentation and treatment outcomes in pregnancy: a prospective cohort study. BMC Infectious Diseases, 2020, 20, 686.	1.3	8
63	A sex-specific evolutionary interaction between ADCY9 and CETP. ELife, 2021, 10, .	2.8	8
64	CASITA: a controlled pilot study of community-based family coaching to stimulate early child development in Lima, Peru. BMJ Paediatrics Open, 2018, 2, e000268.	0.6	7
65	Synthetic mycobacterial diacyl trehaloses reveal differential recognition by human T cell receptors and the C-type lectin Mincle. Scientific Reports, 2021, 11, 2010.	1.6	7
66	Validation of 2 Spanish-Language Scales to Assess HIV-Related Stigma in Communities. Journal of the International Association of Providers of AIDS Care, 2015, 14, 527-535.	0.6	6
67	Community-Based Accompaniment with Supervised Antiretrovirals for HIV-Positive Adults in Peru: A Cluster-Randomized Trial. AIDS and Behavior, 2018, 22, 287-296.	1.4	6
68	Asthma and atopy prevalence are not reduced among former tuberculosis patients compared with controls in Lima, Peru. BMC Pulmonary Medicine, 2019, 19, 40.	0.8	6
69	Using Changes in Weight-for-Age z Score to Predict Effectiveness of Childhood Tuberculosis Therapy. Journal of the Pediatric Infectious Diseases Society, 2020, 9, 150-158.	0.6	6
70	Smoking Cessation in Tuberculosis Patients and the Risk of Tuberculosis Infection in Child Household Contacts. Clinical Infectious Diseases, 2021, 73, 1500-1506.	2.9	6
71	Geographic accessibility to health facilities predicts uptake of community-based tuberculosis screening in an urban setting. International Journal of Infectious Diseases, 2022, 120, 125-131.	1.5	6
72	Knowledge of tuberculosis and vaccine trial preparedness in Lima, Peru. International Journal of Tuberculosis and Lung Disease, 2017, 21, 1288-1293.	0.6	5

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73	Emotional Experiences of Mothers Living With HIV and the Quest for Emotional Recovery. Journal of the Association of Nurses in AIDS Care, 2019, 30, 440-450.	0.4	5
74	Closing delivery gaps in the treatment of tuberculosis infection: Lessons from implementation research in Peru. PLoS ONE, 2021, 16, e0247411.	1.1	5
75	Incident Tuberculosis Diagnoses in Children at High Risk for Disease. Open Forum Infectious Diseases, 2021, 8, ofab075.	0.4	5
76	The need for protecting and enhancing TB health policies and services for forcibly displaced and migrant populations during the ongoing COVID-19 pandemic. International Journal of Infectious Diseases, 2021, 113, S22-S27.	1.5	5
77	Introducing new and repurposed TB drugs: the endTB experience. International Journal of Tuberculosis and Lung Disease, 2020, 24, 1081-1086.	0.6	5
78	Higher native Peruvian genetic ancestry proportion is associated with tuberculosis progression risk. Cell Genomics, 2022, 2, 100151.	3.0	5
79	Rapid home-based human immunodeficiency virus testing to reduce costs in a large tuberculosis cohort study [Short communication]. Public Health Action, 2013, 3, 172-174.	0.4	4
80	Is exclusive breastfeeding for six-months protective against pediatric tuberculosis?. Global Health Action, 2021, 14, 1861922.	0.7	4
81	Community-based accompaniment for adolescents transitioning to adult HIV care in urban Peru: a pilot study. AIDS and Behavior, 2022, 26, 3991-4003.	1.4	4
82	Understanding health-related behavior among adolescents living with HIV in Lima, Peru. BMC Pediatrics, 2019, 19, 396.	0.7	3
83	A non-specialist depression care pathway for adolescents living with HIV and transitioning into adult care in Peru: a nested, proof of concept pilot study. Global Mental Health (Cambridge, England), 2021, 8, e17.	1.0	3
84	Dysglycemia is associated with Mycobacterium tuberculosis lineages in tuberculosis patients of North Limaâ€"Peru. PLoS ONE, 2021, 16, e0243184.	1.1	3
85	Success at Scale: Outcomes of Communityâ€Based Neurodevelopment Intervention (CASITA) for Children Ages 6â€"20 months With Risk of Delay in Lima, Peru. Child Development, 2021, 92, e1275-e1289.	1.7	3
86	Uncovering reasons for treatment initiation delays among children with TB in Lima, Peru. International Journal of Tuberculosis and Lung Disease, 2020, 24, 1254-1260.	0.6	3
87	FAST tuberculosis transmission control strategy speeds the start of tuberculosis treatment at a general hospital in Lima, Peru. Infection Control and Hospital Epidemiology, 2022, 43, 1459-1465.	1.0	3
88	Prediction Tool to Identify Children at Highest Risk of Tuberculosis Disease Progression Among Those Exposed at Home. Open Forum Infectious Diseases, 2021, 8, ofab487.	0.4	3
89	Mapping local hot spots with routine tuberculosis data: A pragmatic approach to identify spatial variability. PLoS ONE, 2022, 17, e0265826.	1.1	3
90	Challenges in tuberculosis/HIV management in a country with a concentrated HIV epidemic. Aids, 2017, 31, 1207-1209.	1.0	2

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91	Feasibility and Acceptability of an Adolescent-Friendly Rap Video to Improve Health Literacy Among HIV-Positive Youth in Urban Peru. AIDS and Behavior, 2021, 25, 1290-1298.	1.4	2
92	A role for community-level socioeconomic indicators in targeting tuberculosis screening interventions. Scientific Reports, 2022, 12, 781.	1.6	2
93	Diagnostic Performance Assessment of Saliva RT-PCR and Nasopharyngeal Antigen for the Detection of SARS-CoV-2 in Peru. Microbiology Spectrum, 2022, 10, .	1.2	2
94	Dynamics of Treatment Supporters and Patients Starting HIV Therapy in Lima, Peru. Journal of the International Association of Providers of AIDS Care, 2019, 18, 232595821882431.	0.6	1
95	Children as sentinels of tuberculosis transmission: disease mapping of programmatic data. BMC Medicine, 2020, 18, 234.	2.3	1
96	Prevalence of Severe Acute Respiratory Syndrome Coronavirus 2 Antibodies Among Market and City Bus Depot Workers in Lima, Peru. Clinical Infectious Diseases, 2022, 74, 343-346.	2.9	1
97	Quality Improvement to Address Surgical Burden of Disease at a Large Tertiary Public Hospital in Peru. World Journal of Surgery, 2021, 45, 2357-2369.	0.8	1
98	Referral Process for Surgical Management of Tuberculosis in Lima: A Qualitative Study. Journal of Surgical Research, 2021, 267, 384-390.	0.8	1
99	Video supervised treatment of patients with pulmonary tuberculosis in a health care center in Lima. Pilot study. Revista MÃ©dica Herediana, 2022, 33, 9-14.	0.0	1
100	Factors Contributing to Wait Times for Surgery at a Large Public Hospital in Lima, Peru. Journal of the American College of Surgeons, 2018, 227, e150-e151.	0.2	0
101	Reply to te Brake et al.: Conflicting Findings on an Intermediate Dose of Rifampicin for Pulmonary Tuberculosis. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 1167-1168.	2.5	0
102	SENSITIVITY OF VARIOUS CASE DETECTION ALGORITHMS FOR COMMUNITY-BASED TB SCREENING. Clinical Infectious Diseases, 0, , .	2.9	0