Roger I Calderon

List of Publications by Year
in descending order

53	1,353	430874	434195
papers	citations	18 h-index	31 g-index

65	65	65	2287
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	GWAS for quantitative resistance phenotypes in Mycobacterium tuberculosis reveals resistance genes and regulatory regions. Nature Communications, 2019, 10, 2128.	12.8	111
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.	8.4	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.	5.6	83
4	Impact of Vitamin A and Carotenoids on the Risk of Tuberculosis Progression. Clinical Infectious Diseases, 2017, 65, 900-909.	5.8	82
5	Identifying Hotspots of Multidrug-Resistant Tuberculosis Transmission Using Spatial and Molecular Genetic Data. Journal of Infectious Diseases, 2016, 213, 287-294.	4.0	62
6	Mycobacterium tuberculosis releases an antacid that remodels phagosomes. Nature Chemical Biology, 2019, 15, 889-899.	8.0	53
7	T cell autoreactivity directed toward CD1c itself rather than toward carried self lipids. Nature Immunology, 2018, 19, 397-406.	14.5	52
8	Multimodally profiling memory T cells from a tuberculosis cohort identifies cell state associations with demographics, environment and disease. Nature Immunology, 2021, 22, 781-793.	14.5	52
9	The Effect of HIV-Related Immunosuppression on the Risk of Tuberculosis Transmission to Household Contacts. Clinical Infectious Diseases, 2014, 58, 765-774.	5.8	51
10	Early progression to active tuberculosis is a highly heritable trait driven by 3q23 in Peruvians. Nature Communications, 2019, 10, 3765.	12.8	43
11	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.	3.4	39
12	Rifampicin and rifabutin resistance in 1003 Mycobacterium tuberculosis clinical isolates. Journal of Antimicrobial Chemotherapy, 2019, 74, 1477-1483.	3.0	39
13	A positively selected FBN1 missense variant reduces height in Peruvian individuals. Nature, 2020, 582, 234-239.	27.8	39
14	Transmissibility and potential for disease progression of drug resistantMycobacterium tuberculosis: prospective cohort study. BMJ: British Medical Journal, 2019, 367, l5894.	2.3	38
15	Mycobacterium tuberculosis detection from oral swabs with Xpert MTB/RIF ULTRA: a pilot study. BMC Research Notes, 2019, 12, 349.	1.4	35
16	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.	5.6	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.	2.9	29
18	Whole genome sequencing identifies bacterial factors affecting transmission of multidrug-resistant tuberculosis in a high-prevalence setting. Scientific Reports, 2019, 9, 5602.	3.3	25

#	Article	IF	Citations
19	Detection of Mycobacterium Tuberculosis DNA in Buccal Swab Samples from Children in Lima, Peru. Pediatric Infectious Disease Journal, 2020, 39, e376-e380.	2.0	23
20	Acquired and Transmitted Multidrug Resistant Tuberculosis: The Role of Social Determinants. PLoS ONE, 2016, 11, e0146642.	2.5	22
21	CD1b Tetramers Broadly Detect T Cells That Correlate With Mycobacterial Exposure but Not Tuberculosis Disease State. Frontiers in Immunology, 2020, 11, 199.	4.8	22
22	Severe pulmonary radiological manifestations are associated with a distinct biochemical profile in blood of tuberculosis patients with dysglycemia. BMC Infectious Diseases, 2020, 20, 139.	2.9	20
23	Vitamin E Status Is Inversely Associated with Risk of Incident Tuberculosis Disease among Household Contacts. Journal of Nutrition, 2018, 148, 56-62.	2.9	19
24	High prevalence and heterogeneity of Dysglycemia in patients with tuberculosis from Peru: a prospective cohort study. BMC Infectious Diseases, 2019, 19, 799.	2.9	19
25	Peripheral Blood Mucosal-Associated Invariant T Cells in Tuberculosis Patients and Healthy Mycobacterium tuberculosis-Exposed Controls. Journal of Infectious Diseases, 2020, 222, 995-1007.	4.0	19
26	Nutritional Status and Tuberculosis Risk in Adult and Pediatric Household Contacts. PLoS ONE, 2016, 11, e0166333.	2.5	16
27	Isoniazid Preventive Therapy in Contacts of Multidrug-Resistant Tuberculosis. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 1159-1168.	5.6	16
28	Genotyping Multidrug-Resistant Mycobacterium tuberculosis from Primary Sputum and Decontaminated Sediment with an Integrated Microfluidic Amplification Microarray Test. Journal of Clinical Microbiology, 2018, 56, .	3.9	15
29	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.	1.9	15
30	Detection of Mycobacterium tuberculosis in pediatric stool samples using TruTip technology. BMC Infectious Diseases, 2019, 19, 563.	2.9	14
31	Pyrazinamide Resistance Assays and Two-Month Sputum Culture Status in Patients with Multidrug-Resistant Tuberculosis. Antimicrobial Agents and Chemotherapy, 2016, 60, 6766-6773.	3.2	12
32	Mycobacterium tuberculosis Beijing Lineage and Risk for Tuberculosis in Child Household Contacts, Peru. Emerging Infectious Diseases, 2020, 26, 568-578.	4.3	12
33	Polyclonal Pulmonary Tuberculosis Infections and Risk for Multidrug Resistance, Lima, Peru. Emerging Infectious Diseases, 2017, 23, 1887-1890.	4.3	11
34	Feasibility of the string test for tuberculosis diagnosis in children between 4 and 14Âyears old. BMC Infectious Diseases, 2018, 18, 574.	2.9	11
35	Molecular detection of Mycobacterium tuberculosis from buccal swabs among adult in Peru. Scientific Reports, 2020, 10, 22231.	3.3	11
36	A TCR Î²-Chain Motif Biases toward Recognition of Human CD1 Proteins. Journal of Immunology, 2019, 203, 3395-3406.	0.8	10

#	Article	IF	Citations
37	SARS-CoV-2 testing in low- and middle-income countries: availability and affordability in the private health sector. Microbes and Infection, 2020, 22, 511-514.	1.9	10
38	Persistent dysglycemia is associated with unfavorable treatment outcomes in patients with pulmonary tuberculosis from Peru. International Journal of Infectious Diseases, 2022, 116, 293-301.	3.3	10
39	Automated TruTip nucleic acid extraction and purification from raw sputum. PLoS ONE, 2018, 13, e0199869.	2.5	9
40	Two Clinical Prediction Tools to Improve Tuberculosis Contact Investigation. Clinical Infectious Diseases, 2020, 71, e338-e350.	5.8	9
41	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.	1.9	8
42	Tuberculosis clinical presentation and treatment outcomes in pregnancy: a prospective cohort study. BMC Infectious Diseases, 2020, 20, 686.	2.9	8
43	Synthetic mycobacterial diacyl trehaloses reveal differential recognition by human T cell receptors and the C-type lectin Mincle. Scientific Reports, 2021, 11, 2010.	3.3	7
44	Smoking Cessation in Tuberculosis Patients and the Risk of Tuberculosis Infection in Child Household Contacts. Clinical Infectious Diseases, 2021, 73, 1500-1506.	5.8	6
45	Closing delivery gaps in the treatment of tuberculosis infection: Lessons from implementation research in Peru. PLoS ONE, 2021, 16, e0247411.	2.5	5
46	Characterization of Drug-Resistant Lipid-Dependent Differentially Detectable Mycobacterium tuberculosis. Journal of Clinical Medicine, 2021, 10, 3249.	2.4	5
47	Higher native Peruvian genetic ancestry proportion is associated with tuberculosis progression risk. Cell Genomics, 2022, 2, 100151.	6.5	5
48	Dysglycemia is associated with Mycobacterium tuberculosis lineages in tuberculosis patients of North Limaâ€"Peru. PLoS ONE, 2021, 16, e0243184.	2.5	3
49	Prediction Tool to Identify Children at Highest Risk of Tuberculosis Disease Progression Among Those Exposed at Home. Open Forum Infectious Diseases, 2021, 8, ofab487.	0.9	3
50	Dual TCR-Î± Expression on Mucosal-Associated Invariant T Cells as a Potential Confounder of TCR Interpretation. Journal of Immunology, 2022, 208, 1389-1395.	0.8	2
51	Diagnostic Performance Assessment of Saliva RT-PCR and Nasopharyngeal Antigen for the Detection of SARS-CoV-2 in Peru. Microbiology Spectrum, 2022, 10, .	3.0	2
52	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.	5.8	1
53	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.	5.6	0