Robert H Gilman

List of Publications by Year
in descending order

263 papers	7,641 citations	66343 42 h-index	85541 71 g-index
272 all docs	272 docs citations	272 times ranked	10618 citing authors

#	Article	IF	Citations
1	Microscopic-Observation Drug-Susceptibility Assay for the Diagnosis of TB. New England Journal of Medicine, 2006, 355, 1539-1550.	27.0	428
2	Lung Ultrasound for the Diagnosis of Pneumonia in Children: A Meta-analysis. Pediatrics, 2015, 135, 714-722.	2.1	340
3	Rapid, Efficient Detection and Drug Susceptibility Testing of Mycobacterium tuberculosis in Sputum by Microscopic Observation of Broth Cultures. Journal of Clinical Microbiology, 2000, 38, 1203-1208.	3.9	242
4	Effect of water and sanitation on childhood health in a poor Peruvian peri-urban community. Lancet, The, 2004, 363, 112-118.	13.7	211
5	Origin and dynamics of admixture in Brazilians and its effect on the pattern of deleterious mutations. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 8696-8701.	7.1	206
6	Neutrophil-Derived MMP-8 Drives AMPK-Dependent Matrix Destruction in Human Pulmonary Tuberculosis. PLoS Pathogens, 2015, 11, e1004917.	4.7	168
7	Multiple Norovirus Infections in a Birth Cohort in a Peruvian Periurban Community. Clinical Infectious Diseases, 2014, 58, 483-491.	5.8	158
8	Microscopic Observation Drug Susceptibility Assay, a Rapid, Reliable Diagnostic Test for Multidrug-Resistant Tuberculosis Suitable for Use in Resource-Poor Settings. Journal of Clinical Microbiology, 2004, 42, 4432-4437.	3.9	139
9	Soil-Transmitted Helminth Infections Are Associated With an Increase in Human Papillomavirus Prevalence and a T-Helper Type 2 Cytokine Signature in Cervical Fluids. Journal of Infectious Diseases, 2016, 213, 723-730.	4.0	126
10	Effect of salt substitution on community-wide blood pressure and hypertension incidence. Nature Medicine, 2020, 26, 374-378.	30.7	122
11	Elimination ofTaenia soliumTransmission in Northern Peru. New England Journal of Medicine, 2016, 374, 2335-2344.	27.0	117
12	Arsenic exposure in drinking water: an unrecognized health threat in Peru. Bulletin of the World Health Organization, 2014, 92, 565-572.	3.3	102
13	Urban informal settlements as hotspots of antimicrobial resistance and the need to curb environmental transmission. Nature Microbiology, 2020, 5, 787-795.	13.3	101
14	Effective, Single-Dose Treatment of Procine Cysticercosis with Oxfendazole. American Journal of Tropical Medicine and Hygiene, 1996, 54, 391-394.	1.4	101
15	Transmission of Multidrug-Resistant and Drug-Susceptible Tuberculosis within Households: A Prospective Cohort Study. PLoS Medicine, 2015, 12, e1001843.	8.4	100
16	Addressing geographical variation in the progression of non-communicable diseases in Peru: the CRONICAS cohort study protocol. BMJ Open, 2012, 2, e000610.	1.9	90
17	A randomized controlled study of socioeconomic support to enhance tuberculosis prevention and treatment, Peru. Bulletin of the World Health Organization, 2017, 95, 270-280.	3.3	79
18	A score to predict and stratify risk of tuberculosis in adult contacts of tuberculosis index cases: a prospective derivation and external validation cohort study. Lancet Infectious Diseases, The, 2017, 17, 1190-1199.	9.1	75

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19	Neurocysticercosis as a Cause of Epilepsy and Seizures in Two Community-Based Studies in a Cysticercosis-Endemic Region in Peru. PLoS Neglected Tropical Diseases, 2014, 8, e2692.	3.0	69
20	An Integrated Workflow To Assess Technical and Biological Variability of Cell Population Frequencies in Human Peripheral Blood by Flow Cytometry. Journal of Immunology, 2017, 198, 1748-1758.	0.8	69
21	COVID-19 in Latin America: Novel transmission dynamics for a global pandemic?. PLoS Neglected Tropical Diseases, 2020, 14, e0008265.	3.0	69
22	Automatic classification of pediatric pneumonia based on lung ultrasound pattern recognition. PLoS ONE, 2018, 13, e0206410.	2.5	68
23	Circulating T cell-monocyte complexes are markers of immune perturbations. ELife, 2019, 8, .	6.0	67
24	Effect of pyrazinamidase activity on pyrazinamide resistance in Mycobacterium tuberculosis. Tuberculosis, 2009, 89, 109-113.	1.9	66
25	Hyperendemic human and porcine Taenia solium infection in PerÃº. American Journal of Tropical Medicine and Hygiene, 2003, 68, 268-75.	1.4	66
26	The economic effects of supporting tuberculosis-affected households in Peru. European Respiratory Journal, 2016, 48, 1396-1410.	6.7	65
27	Toward Improving Early Diagnosis of Congenital Chagas Disease in an Endemic Setting. Clinical Infectious Diseases, 2017, 65, 268-275.	5.8	64
28	Lung ultrasound as a diagnostic tool for radiographically-confirmed pneumonia in low resource settings. Respiratory Medicine, 2017, 128, 57-64.	2.9	62
29	Prevalence of chronic obstructive pulmonary disease and variation in risk factors across four geographically diverse resource-limited settings in Peru. Respiratory Research, 2015, 16, 40.	3.6	61
30	Taenia solium Cysticercosis and Its Impact in Neurological Disease. Clinical Microbiology Reviews, 2020, 33, .	13.6	61
31	Cysticidal Efficacy of Combined Treatment With Praziquantel and Albendazole for Parenchymal Brain Cysticercosis. Clinical Infectious Diseases, 2016, 62, 1375-1379.	5.8	59
32	The effect on cardiovascular risk factors of migration from rural to urban areas in Peru: PERU MIGRANT Study. BMC Cardiovascular Disorders, 2009, 9, 23.	1.7	58
33	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
34	Comparison of sputum collection methods for tuberculosis diagnosis: a systematic review and pairwise and network meta-analysis. The Lancet Global Health, 2017, 5, e760-e771.	6.3	58
35	Etiologic agents in acute vs persistent diarrhea in children under three years of age in periâ€urban Lima, PerÃº. Acta Paediatrica, International Journal of Paediatrics, 1992, 81, 32-38.	1.5	53
36	Trypanosoma cruzi-Infected Pregnant Women without Vector Exposure Have Higher Parasitemia Levels: Implications for Congenital Transmission Risk. PLoS ONE, 2015, 10, e0119527.	2.5	52

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37	Designing and implementing a socioeconomic intervention to enhance TB control: operational evidence from the CRESIPT project in Peru. BMC Public Health, 2015, 15, 810.	2.9	51
38	Sustained Domestic Vector Exposure Is Associated With Increased Chagas Cardiomyopathy Risk but Decreased Parasitemia and Congenital Transmission Risk Among Young Women in Bolivia. Clinical Infectious Diseases, 2015, 61, 918-926.	5.8	49
39	Burden of Norovirus and Rotavirus in Children After Rotavirus Vaccine Introduction, Cochabamba, Bolivia. American Journal of Tropical Medicine and Hygiene, 2016, 94, 212-217.	1.4	49
40	High Prevalence of Asymptomatic Neurocysticercosis in an Endemic Rural Community in Peru. PLoS Neglected Tropical Diseases, 2016, 10, e0005130.	3.0	49
41	Fasciolopsiasis: is it a controllable food-borne disease?. Parasitology Research, 2001, 87, 80-83.	1.6	47
42	Dynamics of Cough Frequency in Adults Undergoing Treatment for Pulmonary Tuberculosis. Clinical Infectious Diseases, 2017, 64, 1174-1181.	5.8	46
43	Prevalence, Clinical Profile, Iron Status, and Subject-Specific Traits for Excessive Erythrocytosis in Andean Adults Living Permanently at 3,825 Meters Above Sea Level. Chest, 2014, 146, 1327-1336.	0.8	43
44	Transcriptomic Analysis of CD4+ T Cells Reveals Novel Immune Signatures of Latent Tuberculosis. Journal of Immunology, 2018, 200, 3283-3290.	0.8	43
45	Origins, Admixture Dynamics, and Homogenization of the African Gene Pool in the Americas. Molecular Biology and Evolution, 2020, 37, 1647-1656.	8.9	43
46	Urbanisation but not biomass fuel smoke exposure is associated with asthma prevalence in four resource-limited settings. Thorax, 2016, 71, 154-160.	5.6	42
47	Training and Capacity Building in LMIC for Research in Heart and Lung Diseases: The NHLBIâ€"UnitedHealth Global Health Centers of Excellence Program. Global Heart, 2016, 11, 17.	2.3	42
48	Prevention and control ofTaenia soliumtaeniasis/cysticercosis in Peru. Pathogens and Global Health, 2012, 106, 312-318.	2.3	41
49	Low sensitivity and frequent crossâ€reactions in commercially available antibody detection <scp>ELISA</scp> assays for Taenia solium cysticercosis. Tropical Medicine and International Health, 2018, 23, 101-105.	2.3	41
50	Modelling subject-specific childhood growth using linear mixed-effect models with cubic regression splines. Emerging Themes in Epidemiology, 2016, 13, 1.	2.7	40
51	Contribution of modifiable risk factors for hypertension and type-2 diabetes in Peruvian resource-limited settings. Journal of Epidemiology and Community Health, 2016, 70, 49-55.	3.7	40
52	Physical activity and cardiovascular risk factors among rural and urban groups and rural-to-urban migrants in Peru: a cross-sectional study. Revista Panamericana De Salud Publica/Pan American Journal of Public Health, 2010, 28, 1-8.	1.1	40
53	Novel Rat Model for Neurocysticercosis Using Taenia solium. American Journal of Pathology, 2015, 185, 2259-2268.	3.8	39
54	Hindgut microbiota in laboratory-reared and wild Triatoma infestans. PLoS Neglected Tropical Diseases, 2019, 13, e0007383.	3.0	39

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55	Active and passive case-finding in tuberculosis-affected households in Peru: a 10-year prospective cohort study. Lancet Infectious Diseases, The, 2019, 19, 519-528.	9.1	39
56	Cholera Incidence and El NiÃ±oâ€“Related Higher Ambient Temperature. JAMA - Journal of the American Medical Association, 2000, 283, 3072.	7.4	38
57	Use of a Novel Chagas Urine Nanoparticle Test (Chunap) for Diagnosis of Congenital Chagas Disease. PLoS Neglected Tropical Diseases, 2014, 8, e3211.	3.0	38
58	Clinical Evaluation of Tuberculosis Viability Microscopy for Assessing Treatment Response. Clinical Infectious Diseases, 2015, 60, 1186-1195.	5.8	38
59	Increased Cardiometabolic Risk and Worsening Hypoxemia at High Altitude. High Altitude Medicine and Biology, 2016, 17, 93-100.	0.9	38
60	The â€œRule of Halvesâ€•Does Not Apply in Peru. Critical Pathways in Cardiology, 2013, 12, 53-58.	0.5	37
61	Low correlation between household carbon monoxide and particulate matter concentrations from biomass-related pollution in three resource-poor settings. Environmental Research, 2015, 142, 424-431.	7.5	37
62	Cross-Sectional Comparison of Sleep-Disordered Breathing in Native Peruvian Highlanders and Lowlanders. High Altitude Medicine and Biology, 2017, 18, 11-19.	0.9	37
63	Delays in seeking and receiving health care services for pneumonia in children under five in the Peruvian Amazon: a mixed-methods study on caregiversâ€™ perceptions. BMC Health Services Research, 2018, 18, 149.	2.2	37
64	A household-level score to predict the risk of tuberculosis among contacts of patients with tuberculosis: a derivation and external validation prospective cohort study. Lancet Infectious Diseases, The, 2020, 20, 110-122.	9.1	36
65	Early detection of gastric cancer using global, genome-wide and IRF4, ELMO1, CLIP4 and MSC DNA methylation in endoscopic biopsies. Oncotarget, 2017, 8, 38501-38516.	1.8	36
66	A side-by-side comparison of T cell reactivity to fifty-nine Mycobacterium tuberculosis antigens in diverse populations from five continents. Tuberculosis, 2015, 95, 713-721.	1.9	35
67	The potential of canine sentinels for reemerging Trypanosoma cruzi transmission. Preventive Veterinary Medicine, 2015, 120, 349-356.	1.9	35
68	Recommendations for Screening and Diagnosis of Chagas Disease in the United States. Journal of Infectious Diseases, 2022, 225, 1601-1610.	4.0	35
69	Treatment of Porcine Cysticercosis with Albendazole. American Journal of Tropical Medicine and Hygiene, 1995, 53, 571-574.	1.4	34
70	Ring-Screening to Control Endemic Transmission of Taenia solium. PLoS Neglected Tropical Diseases, 2014, 8, e3125.	3.0	33
71	Burden of Influenza in 4 Ecologically Distinct Regions of Peru: Household Active Surveillance of a Community Cohort, 2009â€“2015. Clinical Infectious Diseases, 2017, 65, 1532-1541.	5.8	33
72	HLA-DR Marks Recently Divided Antigen-Specific Effector CD4 T Cells in Active Tuberculosis Patients. Journal of Immunology, 2021, 207, 523-533.	0.8	33

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73	Genomic signatures of pre-resistance in Mycobacterium tuberculosis. Nature Communications, 2021, 12, 7312.	12.8	33
74	Low HDL cholesterol as a cardiovascular risk factor in rural, urban, and rural-urban migrants: PERU MIGRANT cohort study. Atherosclerosis, 2016, 246, 36-43.	0.8	31
75	Impact of urbanisation and altitude on the incidence of, and risk factors for, hypertension. Heart, 2017, 103, 827-833.	2.9	31
76	Economic burden of neurocysticercosis: results from Peru. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2007, 101, 840-846.	1.8	30
77	Pharmacokinetics, Safety, and Tolerability of Oxfendazole in Healthy Volunteers: a Randomized, Placebo-Controlled First-in-Human Single-Dose Escalation Study. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	29
78	Genome-wide analyses of human noroviruses provide insights on evolutionary dynamics and evidence of coexisting viral populations evolving under recombination constraints. PLoS Pathogens, 2021, 17, e1009744.	4.7	29
79	pncA gene expression and prediction factors on pyrazinamide resistance in Mycobacterium tuberculosis. Tuberculosis, 2013, 93, 515-522.	1.9	28
80	Prevalence and Transmission of Trypanosoma cruzi in People of Rural Communities of the High Jungle of Northern Peru. PLoS Neglected Tropical Diseases, 2015, 9, e0003779.	3.0	28
81	Oxfendazole: a promising agent for the treatment and control of helminth infections in humans. Expert Review of Anti-Infective Therapy, 2019, 17, 51-56.	4.4	28
82	The Relationship Between Socioeconomic Status and CV Risk Factors: The CRONICAS Cohort Study of Peruvian Adults. Global Heart, 2016, 11, 121.	2.3	28
83	The genetic structure and adaptation of Andean highlanders and Amazonians are influenced by the interplay between geography and culture. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 32557-32565.	7.1	28
84	Implementation of foot thermometry plus mHealth to prevent diabetic foot ulcers: study protocol for a randomized controlled trial. Trials, 2016, 17, 206.	1.6	27
85	Geographical variation in the progression of type 2 diabetes in Peru: The CRONICAS Cohort Study. Diabetes Research and Clinical Practice, 2016, 121, 135-145.	2.8	27
86	Market Chickens as a Source of Antibiotic-Resistant Escherichia coli in a Peri-Urban Community in Lima, Peru. Frontiers in Microbiology, 2021, 12, 635871.	3.5	27
87	A multiple genome analysis of Mycobacterium tuberculosis reveals specific novel genes and mutations associated with pyrazinamide resistance. BMC Genomics, 2017, 18, 769.	2.8	26
88	Antibody Banding Patterns of the Enzyme-Linked Immunoelectrotransfer Blot and Brain Imaging Findings in Patients With Neurocysticercosis. Clinical Infectious Diseases, 2018, 66, 282-288.	5.8	26
89	Direct observation of hygiene in a Peruvian shantytown: not enough handwashing and too little water. Tropical Medicine and International Health, 2008, 13, 1421-1428.	2.3	24
90	The Association between Mycobacterium Tuberculosis Genotype and Drug Resistance in Peru. PLoS ONE, 2015, 10, e0126271.	2.5	24

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91	Molecular Diagnosis of TB in the HIV Positive Population. Annals of Global Health, 2018, 80, 476.	2.0	24
92	Regression from prediabetes to normal glucose levels is more frequent than progression towards diabetes: The CRONICAS Cohort Study. Diabetes Research and Clinical Practice, 2020, 163, 107829.	2.8	24
93	Frequency and Determinant Factors for Calcification in Neurocysticercosis. Clinical Infectious Diseases, 2021, 73, e2592-e2600.	5.8	24
94	Quality of life, tuberculosis and treatment outcome; a caseâ€“control and nested cohort study. European Respiratory Journal, 2020, 56, 1900495.	6.7	23
95	Use of a Chagas Urine Nanoparticle Test (Chunap) to Correlate with Parasitemia Levels in T. cruzi/HIV Co-infected Patients. PLoS Neglected Tropical Diseases, 2016, 10, e0004407.	3.0	23
96	Applying the Triangle Taste Test to Assess Differences between Low Sodium Salts and Common Salt: Evidence from Peru. PLoS ONE, 2015, 10, e0134700.	2.5	23
97	Taenia solium Oncosphere Adhesion to Intestinal Epithelial and Chinese Hamster Ovary Cells In Vitro. Infection and Immunity, 2007, 75, 5158-5166.	2.2	22
98	Adolescents can know best: Using concept mapping to identify factors and pathways driving adolescent sexuality in Lima, Peru. Social Science and Medicine, 2010, 70, 2085-2095.	3.8	22
99	A Protein-Conjugate Approach to Develop a Monoclonal Antibody-Based Antigen Detection Test for the Diagnosis of Human Brucellosis. PLoS Neglected Tropical Diseases, 2014, 8, e2926.	3.0	22
100	Association Between Serum 25-Hydroxy Vitamin D Levels and Blood Pressure Among Adolescents in Two Resource-Limited Settings in Peru. American Journal of Hypertension, 2015, 28, 1017-1023.	2.0	22
101	Urbanization and Daily Exposure to Biomass Fuel Smoke Both Contribute to Chronic Bronchitis Risk in a Population with Low Prevalence of Daily Tobacco Smoking. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2016, 13, 186-195.	1.6	22
102	Mathematical algorithm for the automatic recognition of intestinal parasites. PLoS ONE, 2017, 12, e0175646.	2.5	22
103	Axonal swellings and spheroids: a new insight into the pathology of neurocysticercosis. Brain Pathology, 2019, 29, 425-436.	4.1	22
104	Minimally Invasive Saliva Testing to Monitor Norovirus Infection in Community Settings. Journal of Infectious Diseases, 2019, 219, 1234-1242.	4.0	22
105	Development of Low-Cost Inverted Microscope to Detect Early Growth of Mycobacterium tuberculosis in MODS Culture. PLoS ONE, 2010, 5, e9577.	2.5	21
106	A Comparative Study of Peripheral Immune Responses to Taenia solium in Individuals with Parenchymal and Subarachnoid Neurocysticercosis. PLoS Neglected Tropical Diseases, 2015, 9, e0004143.	3.0	21
107	Prevalence and correlates of oral human papillomavirus infection among healthy males and females in Lima, Peru. Sexually Transmitted Infections, 2016, 92, 149-154.	1.9	21
108	Social connectedness is associated with food security among peri-urban Peruvian Amazonian communities. SSM - Population Health, 2018, 4, 254-262.	2.7	21

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109	Quantitative and Qualitative Perturbations of CD8+ MAITs in Healthy Mycobacterium tuberculosisâ€“Infected Individuals. ImmunoHorizons, 2020, 4, 292-307.	1.8	21
110	Role of Metal Ions on the Activity of Mycobacterium tuberculosis Pyrazinamidase. American Journal of Tropical Medicine and Hygiene, 2012, 87, 153-161.	1.4	20
111	Metabolic Abnormalities Are Common among South American Hispanics Subjects with Normal Weight or Excess Body Weight: The CRONICAS Cohort Study. PLoS ONE, 2015, 10, e0138968.	2.5	20
112	Protocol for studying cough frequency in people with pulmonary tuberculosis. BMJ Open, 2016, 6, e010365.	1.9	20
113	â€œThe doctor said formula would help meâ€: Health sector influences on use of infant formula in peri-urban Lima, Peru. Social Science and Medicine, 2020, 244, 112324.	3.8	20
114	Norovirus-specific immunoglobulin A in breast milk for protection against norovirus-associated diarrhea among infants. EClinicalMedicine, 2020, 27, 100561.	7.1	20
115	Regional Variation in the Correlation of Antibody and T-Cell Responses to Trypanosoma cruzi. American Journal of Tropical Medicine and Hygiene, 2014, 90, 1074-1081.	1.4	19
116	Bayesian inferences suggest that Amazon Yunga Natives diverged from Andeans less than 5000 ybp: implications for South American prehistory. BMC Evolutionary Biology, 2014, 14, 174.	3.2	18
117	Identification and Characterization of Microsatellite Markers Derived from the Whole Genome Analysis of Taenia solium. PLoS Neglected Tropical Diseases, 2015, 9, e0004316.	3.0	17
118	Multimorbidity at sea level and high-altitude urban and rural settings: The CRONICAS Cohort Study. Journal of Comorbidity, 2019, 9, 2235042X1987529.	3.9	17
119	Bloodâ€“brain barrier disruption and angiogenesis in a rat model for neurocysticercosis. Journal of Neuroscience Research, 2019, 97, 137-148.	2.9	17
120	Use of a Latent Class Analysis in the Diagnosis of Chronic Chagas Disease in the Washington Metropolitan Area. Clinical Infectious Diseases, 2021, 72, e303-e310.	5.8	17
121	Diabetic Peripheral Neuropathy in Ambulatory Patients with Type 2 Diabetes in a General Hospital in a Middle Income Country: A Cross-Sectional Study. PLoS ONE, 2014, 9, e95403.	2.5	17
122	Porcine Cysticercosis: Possible Cross-Reactivity of Taenia hydatigena to GP50 Antigen in the Enzyme-Linked Immunoelectrotransfer Blot Assay. American Journal of Tropical Medicine and Hygiene, 2017, 97, 1830-1832.	1.4	17
123	Sleep Disordered Breathing in Four Resource-Limited Settings in Peru: Prevalence, Risk Factors, and Association with Chronic Diseases. Sleep, 2015, 38, 1451-1459.	1.1	16
124	Sputum Microscopy With Fluorescein Diacetate Predicts Tuberculosis Infectiousness. Journal of Infectious Diseases, 2017, 216, 514-524.	4.0	16
125	Building a Prediction Model for Radiographically Confirmed Pneumonia in Peruvian Children. Chest, 2018, 154, 1385-1394.	0.8	16
126	Environmental exposures and systemic hypertension are risk factors for decline in lung function. Thorax, 2018, 73, 1120-1127.	5.6	16

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127	Electrocardiographic and Echocardiographic Abnormalities in Chagas Disease: Findings in Residents of Rural Bolivian Communities Hyperendemic for Chagas Disease. Global Heart, 2015, 10, 159.	2.3	16
128	Development and Validation of a Simple Risk Score for Undiagnosed Type 2 Diabetes in a Resource-Constrained Setting. Journal of Diabetes Research, 2016, 2016, 1-9.	2.3	15
129	Transmission dynamics of pandemic influenza A (H 1 N 1)pdm09 virus in humans and swine in backyard farms in T umbes, P eru. Influenza and Other Respiratory Viruses, 2016, 10, 47-56.	3.4	15
130	Enteropathogen Changes After Rotavirus Vaccine Scale-up. Pediatrics, 2022, 149, .	2.1	15
131	Morphological Characterization of Mycobacterium tuberculosis in a MODS Culture for an Automatic Diagnostics through Pattern Recognition. PLoS ONE, 2013, 8, e82809.	2.5	14
132	A Field Evaluation of the Hardy TB MODS Kitâ„¢ for the Rapid Phenotypic Diagnosis of Tuberculosis and Multi-Drug Resistant Tuberculosis. PLoS ONE, 2014, 9, e107258.	2.5	14
133	New Insights in Cysticercosis Transmission. PLoS Neglected Tropical Diseases, 2014, 8, e3247.	3.0	14
134	Lack of association between chronic exposure to biomass fuel smoke and markers of right ventricular pressure overload at high altitude. American Heart Journal, 2014, 168, 731-738.	2.7	14
135	Congenital Transmission of Multidrug-Resistant Tuberculosis. American Journal of Tropical Medicine and Hygiene, 2014, 91, 92-95.	1.4	14
136	Smoking and heavy drinking patterns in rural, urban and rural-to-urban migrants: the PERU MIGRANT Study. BMC Public Health, 2017, 17, 165.	2.9	14
137	Severity of Chagasic Cardiomyopathy Is Associated With Response to a Novel Rapid Diagnostic Test for Trypanosoma cruzi TcII/V/VI. Clinical Infectious Diseases, 2018, 67, 519-524.	5.8	14
138	Colorimetric Detection of Plasmodium vivax in Urine Using MSP10 Oligonucleotides and Gold Nanoparticles. PLoS Neglected Tropical Diseases, 2016, 10, e0005029.	3.0	14
139	Determination of potentially novel compensatory mutations in rpoc associated with rifampin resistance and rpob mutations in Mycobacterium tuberculosis Clinical isolates from peru. International Journal of Mycobacteriology, 2020, 9, 121.	0.6	14
140	Migration, urbanisation and mortality: 5-year longitudinal analysis of the PERU MIGRANT study. Journal of Epidemiology and Community Health, 2015, 69, 715-718.	3.7	13
141	Nanoparticle-Based Histidine-Rich Protein-2 Assay for the Detection of the Malaria Parasite Plasmodium falciparum. American Journal of Tropical Medicine and Hygiene, 2016, 95, 354-357.	1.4	13
142	Association between chronic conditions and health-related quality of life: differences by level of urbanization in Peru. Quality of Life Research, 2017, 26, 3439-3447.	3.1	13
143	Cough Frequency During Treatment Associated With Baseline Cavitary Volume and Proximity to the Airway in Pulmonary TB. Chest, 2018, 153, 1358-1367.	0.8	13
144	MODS-Wayne, a Colorimetric Adaptation of the Microscopic-Observation Drug Susceptibility (MODS) Assay for Detection of Mycobacterium tuberculosis Pyrazinamide Resistance from Sputum Samples. Journal of Clinical Microbiology, 2019, 57, .	3.9	13

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145	Trypomastigote Excretory Secretory Antigen Blot Is Associated With Trypanosoma cruzi Load and Detects Congenital T. cruzi Infection in Neonates, Using Antiâ€“Shed Acute Phase Antigen Immunoglobulin M. Journal of Infectious Diseases, 2019, 219, 609-618.	4.0	13
146	Genetic association study of NLRP1, CARD, and CASP1 inflammasome genes with chronic Chagas cardiomyopathy among Trypanosoma cruzi seropositive patients in Bolivia. PLoS ONE, 2018, 13, e0192378.	2.5	13
147	Performance of a Sandwich Antigen-Detection ELISA for the Diagnosis of Porcine Taenia solium Cysticercosis. American Journal of Tropical Medicine and Hygiene, 2019, 100, 604-608.	1.4	13
148	Hyperendemic Chagas Disease and the Unmet Need for Pacemakers in the Bolivian Chaco. PLoS Neglected Tropical Diseases, 2014, 8, e2801.	3.0	12
149	A Controlled Study of Tuberculosis Diagnosis in HIV-Infected and Uninfected Children in Peru. PLoS ONE, 2015, 10, e0120915.	2.5	12
150	Rural-to-Urban Migration: Socioeconomic Status But Not Acculturation was Associated with Overweight/Obesity Risk. Journal of Immigrant and Minority Health, 2016, 18, 644-651.	1.6	12
151	Caseâ€“Case Analysis Using 7 Years of Travelersâ€™ Diarrhea Surveillance Data: Preventive and Travel Medicine Applications in Cusco, Peru. American Journal of Tropical Medicine and Hygiene, 2017, 96, 16-0633.	1.4	12
152	Cardiometabolic correlates of sleep disordered breathing in Andean highlanders. European Respiratory Journal, 2017, 49, 1601705.	6.7	12
153	Indoor air pollution concentrations and cardiometabolic health across four diverse settings in Peru: a cross-sectional study. Environmental Health, 2020, 19, 59.	4.0	12
154	Vulnerable families and costly formula: a qualitative exploration of infant formula purchasing among peri-urban Peruvian households. International Breastfeeding Journal, 2021, 16, 11.	2.6	12
155	A user-friendly, open-source tool to project impact and cost of diagnostic tests for tuberculosis. ELife, 2014, 3, .	6.0	12
156	Successful Antiparasitic Treatment for Cysticercosis is Associated with a Fast and Marked Reduction of Circulating Antigen Levels in a Naturally Infected Pig Model. American Journal of Tropical Medicine and Hygiene, 2015, 93, 1305-1310.	1.4	11
157	In Vitro Study of Taenia solium Postoncospheral Form. PLoS Neglected Tropical Diseases, 2016, 10, e0004396.	3.0	11
158	A quantitative adaptation of the Wayne test for pyrazinamide resistance. Tuberculosis, 2016, 99, 41-46.	1.9	11
159	A populationâ€based estimate of the economic burden of influenza in Peru, 2009â€“2010. Influenza and Other Respiratory Viruses, 2016, 10, 301-309.	3.4	11
160	In vitro model of postoncosphere development, and in vivo infection abilities of Taenia solium and Taenia saginata. PLoS Neglected Tropical Diseases, 2019, 13, e0007261.	3.0	11
161	Improved DNA extraction technique from clot for the diagnosis of Chagas disease. PLoS Neglected Tropical Diseases, 2019, 13, e0007024.	3.0	11
162	Albendazole Sulfoxide Plasma Levels and Efficacy of Antiparasitic Treatment in Patients With Parenchymal Neurocysticercosis. Clinical Infectious Diseases, 2019, 69, 1996-2002.	5.8	11

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163	Foot thermometry with mHeath-based supplementation to prevent diabetic foot ulcers: A randomized controlled trial. Wellcome Open Research, 2020, 5, 23.	1.8	11
164	Carotid Taenia solium Oncosphere Infection: A Novel Porcine Neurocysticercosis Model. American Journal of Tropical Medicine and Hygiene, 2018, 99, 380-387.	1.4	11
165	Epidemiology and Genetic Characterization of Noroviruses among Adults in an Endemic Setting, Peruvian Amazon Basin, 2004â€“2011. PLoS ONE, 2015, 10, e0131646.	2.5	10
166	Development and Validation of a Copro-Enzymeâ€“Linked Immunosorbent Assay Sandwich for Detection of Echinococcus granulosusâ€“Soluble Membrane Antigens in Dogs. American Journal of Tropical Medicine and Hygiene, 2019, 100, 330-335.	1.4	10
167	Cost-effectiveness of norovirus vaccination in children in Peru. Vaccine, 2015, 33, 3084-3091.	3.8	9
168	Diagnostic criteria for neurocysticercosis â€” a difficult update. Nature Reviews Neurology, 2016, 12, 560-561.	10.1	9
169	Urbanization, mainly rurality, but not altitude is associated with dyslipidemia profiles. Journal of Clinical Lipidology, 2017, 11, 1212-1222.e4.	1.5	9
170	Complete Genome Sequence of a Nontypeable GII Norovirus Detected in Peru. Genome Announcements, 2018, 6, .	0.8	9
171	Glycosylation of Trypanosoma cruzi TcI antigen reveals recognition by chagasic sera. Scientific Reports, 2020, 10, 16395.	3.3	9
172	Distribution of Shortâ€Term and Lifetime Predicted Risks of Cardiovascular Diseases in Peruvian Adults. Journal of the American Heart Association, 2015, 4, e002112.	3.7	8
173	Assessment of an automated capillary system for Plasmodium vivax microsatellite genotyping. Malaria Journal, 2015, 14, 326.	2.3	8
174	Noninvasive Assessment of Excessive Erythrocytosis as a Screening Method for Chronic Mountain Sickness at High Altitude. High Altitude Medicine and Biology, 2015, 16, 162-168.	0.9	8
175	Elimination ofTaenia soliumTransmission in Peru. New England Journal of Medicine, 2016, 375, 1196-1197.	27.0	8
176	Population genetics of immune-related multilocus copy number variation in Native Americans. Journal of the Royal Society Interface, 2017, 14, 20170057.	3.4	8
177	Low cigarette smoking prevalence in peri-urban Peru: results from a population-based study of tobacco use by self-report and urine cotinine. Tobacco Induced Diseases, 2017, 15, 32.	0.6	8
178	Systematic Review of the Epidemiology of Chagas Disease in the Americas: a Call for Standardized Reporting of Chagas Disease Prevalence. Current Tropical Medicine Reports, 2019, 6, 23-34.	3.7	8
179	Prevalence of Chagas Heart Disease in a Region Endemic for <i>Trypanosoma Cruzi</i>: Evidence From a Central Bolivian Community. Global Heart, 2015, 10, 145.	2.3	8
180	Viral intra-host evolution in immunocompetent children contributes to human norovirus diversification at the global scale. Emerging Microbes and Infections, 2021, 10, 1717-1730.	6.5	8

#	Article	IF	Citations
181	Development of a Novel Protocol Based on Blood Clot to Improve the Sensitivity of qPCR Detection of Toxoplasma gondii in Peripheral Blood Specimens. American Journal of Tropical Medicine and Hygiene, 2019, 100, 83-89.	1.4	8
182	An electrochemical biosensor for the detection of Mycobacterium tuberculosis DNA from sputum and urine samples. PLoS ONE, 2020, 15, e0241067.	2.5	8
183	Spatial distribution of individuals with symptoms of depression in a periurban area in Lima: an example from Peru. Annals of Epidemiology, 2016, 26, 93-99.e2.	1.9	7
184	Perceptions and attitudes towards vaccination during pregnancy in a peri urban area of Lima, Peru. Vaccine, 2020, 39 Suppl 2, B27-B33.	3.8	7
185	Identification of New Helicobacter pylori Subpopulations in Native Americans and Mestizos From Peru. Frontiers in Microbiology, 2020, 11, 601839.	3.5	7
186	Tear biomarkers and corneal sensitivity as an indicator of neuropathy in type 2 diabetes. Diabetes Research and Clinical Practice, 2020, 163, 108143.	2.8	7
187	Recognition and screening for Chagas disease in the USA. Therapeutic Advances in Infectious Disease, 2021, 8, 204993612110460.	1.8	7
188	Chagas Disease in the United States: A Perspective on Diagnostic Testing Limitations and Next Steps. American Journal of Tropical Medicine and Hygiene, 2021, , .	1.4	7
189	Antibiotic Use and Resistance Knowledge Assessment of Personnel on Chicken Farms with High Levels of Antimicrobial Resistance: A Cross-Sectional Survey in Ica, Peru. Antibiotics, 2022, 11, 190.	3.7	7
190	Elevated Concentrations of Eotaxin and Interleukin-5 in Human Neurocysticercosis. Infection and Immunity, 1998, 66, 4522-4525.	2.2	7
191	Family and peer support matter for precoital and coital behaviors among adolescents in Lima. Journal of Adolescence, 2014, 37, 1309-1318.	2.4	6
192	Genetic variability of Taenia solium cysticerci recovered from experimentally infected pigs and from naturally infected pigs using microsatellite markers. PLoS Neglected Tropical Diseases, 2017, 11, e0006087.	3.0	6
193	Modelling stunting in LiST: the effect of applying smoothing to linear growth data. BMC Public Health, 2017, 17, 778.	2.9	6
194	Characterization of a novel cathepsin L-like protease from Taenia solium metacestodes for the immunodiagnosis of porcine cysticercosis. Veterinary Parasitology, 2019, 267, 9-16.	1.8	6
195	Characteristics Associated With Antihypertensive Treatment and Blood Pressure Control: A Population-Based Follow-Up Study in Peru. Global Heart, 2020, 11, 109.	2.3	6
196	The Immunoglobulin M-Shed Acute Phase Antigen (SAPA)-test for the Early Diagnosis of Congenital Chagas Disease in the Time of the Elimination Goal of Mother-to-Child Transmission. Clinical Infectious Diseases, 2021, 73, e477-e484.	5.8	6
197	Direct Determination of Pyrazinamide (PZA) Susceptibility by Sputum Microscopic Observation Drug Susceptibility (MODS) Culture at Neutral pH: the MODS-PZA Assay. Journal of Clinical Microbiology, 2020, 58, .	3.9	6
198	Autism Detection in Children by Combined Use of Gaze Preference and the M-CHAT-R in a Resource-Scarce Setting. Journal of Autism and Developmental Disorders, 2021, 51, 994-1006.	2.7	6

#	Article	IF	Citations
199	Taenia solium Infection in Peru: A Collaboration between Peace Corps Volunteers and Researchers in a Community Based Study. PLoS ONE, 2014, 9, e113239.	2.5	6
200	NAToRA, a relatedness-pruning method to minimize the loss of dataset size in genetic and omics analyses. Computational and Structural Biotechnology Journal, 2022, 20, 1821-1828.	4.1	6
201	Evaluation of Microscopic Observation Drug Susceptibility (MODS) and the string test for rapid diagnosis of pulmonary tuberculosis in HIV/AIDS patients in Bolivia. BMC Infectious Diseases, 2015, 15, 222.	2.9	5
202	Domestic Pig (Sus scrofa) as an Animal Model for Experimental Trypanosoma cruzi Infection. American Journal of Tropical Medicine and Hygiene, 2016, 94, 1020-1027.	1.4	5
203	BIOIMPEDANCE MARKERS AND TUBERCULOSIS OUTCOME AMONG HIV-INFECTED PATIENTS. African Journal of Infectious Diseases, 2018, 12, 47-54.	0.9	5
204	Obesity markers for the prediction of incident type 2 diabetes mellitus in resource-poor settings: The CRONICAS Cohort Study. Diabetes Research and Clinical Practice, 2020, 170, 108494.	2.8	5
205	Changes in inflammatory gene expression in brain tissue adjacent and distant to a viable cyst in a rat model for neurocysticercosis. PLoS Neglected Tropical Diseases, 2021, 15, e0009295.	3.0	5
206	Deep Sequencing to Detect Diversity of Trypanosoma cruzi Infection in Patients Coinfected With Human Immunodeficiency Virus and Chagas Disease. Journal of Infectious Diseases, 2022, 225, 243-247.	4.0	5
207	Neurocysticercosis as an Eradicable Cause of Epilepsy. JAMA Neurology, 2021, 78, 1045.	9.0	5
208	Toward detection of toxoplasmosis from urine in mice using hydro-gel nanoparticles concentration and parallel reaction monitoring mass spectrometry. Nanomedicine: Nanotechnology, Biology, and Medicine, 2018, 14, 461-469.	3.3	5
209	Exhaled Nitric Oxide is Not a Biomarker for Pulmonary Tuberculosis. American Journal of Tropical Medicine and Hygiene, 2018, 98, 1637-1639.	1.4	5
210	Chagas Disease in Southern Coastal Ecuador: Coinfections with Arboviruses and a Comparison of Serological Assays for Chagas Disease Diagnosis. American Journal of Tropical Medicine and Hygiene, 2018, 99, 1530-1533.	1.4	5
211	Beyond birth-weight: early growth and adolescent blood pressure in a Peruvian population. PeerJ, 2014, 2, e381.	2.0	5
212	Echinococcus granulosus sensu stricto and E. canadensis are distributed in livestock of highly endemic area in the Peruvian highlands. Acta Tropica, 2022, 225, 106178.	2.0	5
213	Improved diagnosis of viable parenchymal neurocysticercosis by combining antibody banding patterns on enzyme-linked immunoelectrotransfer blot (EITB) with antigen ELISA assay. Journal of Clinical Microbiology, 2021, , JCM0155021.	3.9	5
214	High-sensitivity C-reactive protein and all-cause mortality in four diverse populations: The CRONICAS Cohort Study. Annals of Epidemiology, 2022, 67, 13-18.	1.9	5
215	Biorecognition and detection of antigens from Mycobacterium tuberculosis using a sandwich ELISA associated with magnetic nanoparticles. Journal of Pharmaceutical and Biomedical Analysis, 2022, 215, 114749.	2.8	5
216	Aggregation and combination of cardiovascular risk factors and their association with 10-year all-cause mortality: the PERU MIGRANT Study. BMC Cardiovascular Disorders, 2021, 21, 582.	1.7	5

#	Article	IF	Citations
217	Dark Adaptation at High Altitude: An Unexpected Pupillary Response to Chronic Hypoxia in Andean Highlanders. High Altitude Medicine and Biology, 2016, 17, 208-213.	0.9	4
218	Impact of Infection Control Measures to Control an Outbreak of Multidrug-Resistant Tuberculosis in a Human Immunodeficiency Virus Ward, Peru. American Journal of Tropical Medicine and Hygiene, 2016, 95, 1247-1256.	1.4	4
219	A novel enolase from Taenia solium metacestodes and its evaluation as an immunodiagnostic antigen for porcine cysticercosis. Experimental Parasitology, 2018, 191, 44-54.	1.2	4
220	Optimising fluorescein diacetate sputum smear microscopy for assessing patients with pulmonary tuberculosis. PLoS ONE, 2019, 14, e0214131.	2.5	4
221	Recombinant Nontypeable Genotype II Human Noroviruses in the Americas. Emerging Infectious Diseases, 2020, 26, 157-159.	4.3	4
222	Application of a cost-effectiveness analysis of pathogen-specific vaccines against gastroenteritis to a military population in a developing country setting. Vaccine, 2020, 38, 2292-2297.	3.8	4
223	Building a Platform for Translational Research in Chronic Noncommunicable Diseases to Address Population Health: Lessons From NHLBI Supported CRONICAS in Peru. Global Heart, 2020, 10, 13.	2.3	4
224	Admixture/fine-mapping in Brazilians reveals a West African associated potential regulatory variant (rs114066381) with a strong female-specific effect on body mass and fat mass indexes. International Journal of Obesity, 2021, 45, 1017-1029.	3.4	4
225	Evaluation of 2 Lateral Flow Rapid Tests in the Diagnosis of Chagas Disease in the Washington Metropolitan Area. Open Forum Infectious Diseases, 2021, 8, ofab096.	0.9	4
226	Detection of toxoplasmic encephalitis in HIV positive patients in urine with hydrogel nanoparticles. PLoS Neglected Tropical Diseases, 2021, 15, e0009199.	3.0	4
227	Neurocysticercosis among People Living Near Pigs Heavily Infected with Cysticercosis in Rural Endemic Peru. American Journal of Tropical Medicine and Hygiene, 2018, 98, 558-564.	1.4	4
228	Population-based stroke incidence estimates in Peru: Exploratory results from the CRONICAS cohort study. The Lancet Regional Health Americas, 2021, 5, 100083.	2.6	4
229	Chagas Disease in Pregnant Women from Endemic Regions Attending the Hospital General de Mexico, Mexico City. Tropical Medicine and Infectious Disease, 2022, 7, 8.	2.3	4
230	Population genetics of PDE4B (phosphodiesteraseâ€4B) in neglected Native Americans: Implications for cancer pharmacogenetics. Clinical and Translational Science, 2022, , .	3.1	4
231	Pupillary Light Reflexes are Associated with Autonomic Dysfunction in Bolivian Diabetics But Not Chagas Disease Patients. American Journal of Tropical Medicine and Hygiene, 2016, 94, 1290-1298.	1.4	3
232	Evaluation of a lens-free imager to facilitate tuberculosis diagnostics in MODS. Tuberculosis, 2016, 97, 26-32.	1.9	3
233	Interdisciplinary Postdoctoral Training in Global Health Through a Novel Joint Project for Trainees from Diverse Disciplines: Benefits, Risks, and Observations. American Journal of Tropical Medicine and Hygiene, 2017, 96, 525-529.	1.4	3
234	Patterns of Body Composition Relating to Chronic Respiratory Diseases Among Adults in Four Resource-Poor Settings in Peru. Lung, 2018, 196, 277-284.	3.3	3

#	Article	IF	Citations
235	Oral sampling methods are associated with differences in immune marker concentrations. Laryngoscope, 2018, 128, E214-E221.	2.0	3
236	A novel inexpensive electrochemical sensor for pyrazinoic acid as a potential tool for the identification of pyrazinamide-resistant Mycobacterium tuberculosis. International Journal of Mycobacteriology, 2018, 7, 275.	0.6	3
237	Low-cost 3D-printed inverted microscope to detect Mycobacterium tuberculosis in a MODS culture. Tuberculosis, 2022, 132, 102158.	1.9	3
238	Porcine model of neurocysticercosis by intracarotid injection of Taenia solium oncospheres: Dose assessment, infection outcomes and serological responses. PLoS Neglected Tropical Diseases, 2022, 16, e0010449.	3.0	3
239	Nicotinamidase/pyrazinamidase of Mycobacterium tuberculosis forms homo-dimers stabilized by disulfide bonds. Tuberculosis, 2014, 94, 644-648.	1.9	2
240	Computer automated algorithm to evaluate cavitary lesions in adults with pulmonary tuberculosis. Journal of Thoracic Disease, 2017, 9, E93-E96.	1.4	2
241	How Should Public Health Schools Help Meet Millennium Development Goals in Latin America?. AMA Journal of Ethics, 2019, 21, E788-795.	0.7	2
242	Evolution of the Bacillus Calmetteâ€“Guerin Scar and Its Association with Birth and Pregnancy Characteristics in a Prospective Cohort of Infants in Iquitos, Peru. American Journal of Perinatology, 2019, 36, 1264-1270.	1.4	2
243	Letter in response to Del Brutto, axonal swelling and spheroids in Taenia solium neurocysticercosis. Brain Pathology, 2019, 29, 319-319.	4.1	2
244	Attitudes, health lifestyle behaviors and cardiometabolic risk factors among relatives of individuals with type 2 diabetes mellitus. Primary Care Diabetes, 2021, 15, 101-105.	1.8	2
245	Immunological detection of pyrazine-2-carboxylic acid for the detection of pyrazinamide resistance in Mycobacterium tuberculosis. PLoS ONE, 2020, 15, e0241600.	2.5	2
246	In response: Multifactorial basis of epilepsy in patients with neurocysticercosis. Epilepsia, 2015, 56, 975-976.	5.1	1
247	A secondary analysis examining the concordance of self-perception of weight and actual measurement of body fat percentage: The CRONICAS Cohort Study. BMC Obesity, 2019, 6, 9.	3.1	1
248	Metallochaperones Are Needed for Mycobacterium tuberculosis and Escherichia coli Nicotinamidase-Pyrazinamidase Activity. Journal of Bacteriology, 2020, 202, .	2.2	1
249	Neglected Testing for Neglected Tropical Diseases at the CDC. American Journal of Tropical Medicine and Hygiene, 2022, , .	1.4	1
250	A false economy: we cannot afford to be complacent when it comes to tuberculosis control. Lancet Public Health, The, 2018, 3, e105-e106.	10.0	0
251	Prediction of Mycobacterium tuberculosis pyrazinamidase function based on structural stability, physicochemical and geometrical descriptors. PLoS ONE, 2020, 15, e0235643.	2.5	0
252	Genome Sequences of Chikungunya Virus Isolates from Bolivia. Microbiology Resource Announcements, 2020, 9, .	0.6	0

#	Article	IF	Citations
253	Seroprevalence of Toxoplasma gondii in free-range pigs in northern Peru. Veterinary Parasitology: Regional Studies and Reports, 2021, 23, 100533.	0.5	0
254	Abstract 19288: Acute and Chronic Affects of Indoor Air Pollution on Endothelial Function. Circulation, 2015, 132, .	1.6	0
255	An Algorithm to Obtain the QRS Score Based on ECG Parameters Detection and Neural Networks for Confounder Classification. Smart Innovation, Systems and Technologies, 2019, , 201-211.	0.6	0
256	Cough dynamics in adults receiving tuberculosis treatment. , 2020, 15, e0231167.		0
257	Cough dynamics in adults receiving tuberculosis treatment. , 2020, 15, e0231167.		0
258	Cough dynamics in adults receiving tuberculosis treatment. , 2020, 15, e0231167.		0
259	Cough dynamics in adults receiving tuberculosis treatment. , 2020, 15, e0231167.		0
260	Title is missing!. , 2020, 15, e0241067.		0
261	Title is missing!. , 2020, 15, e0241067.		0
262	Title is missing!. , 2020, 15, e0241067.		0
263	Title is missing!. , 2020, 15, e0241067.		0