

# Albert Ko

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/1927627/albert-ko-publications-by-year.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

343  
papers

17,229  
citations

65  
h-index

122  
g-index

391  
ext. papers

23,288  
ext. citations

8.6  
avg, IF

6.57  
L-index

#	Paper	IF	Citations
343	Single-cell multi-omics reveals dyssynchrony of the innate and adaptive immune system in progressive COVID-19.. <i>Nature Communications</i> , <b>2022</b> , 13, 440	17.4	13
342	Neutralizing antibodies against the SARS-CoV-2 Delta and Omicron variants following heterologous CoronaVac plus BNT162b2 booster vaccination.. <i>Nature Medicine</i> , <b>2022</b> ,	50.5	57
341	The role of prisons in disseminating tuberculosis in Brazil: A genomic epidemiology study. <i>The Lancet Regional Health Americas</i> , <b>2022</b> , 9, 100186		0
340	Gut microbiome dysbiosis during COVID-19 is associated with increased risk for bacteremia and microbial translocation. <b>2022</b> ,		3
339	Lack of association between pandemic chilblains and SARS-CoV-2 infection.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2022</b> , 119,	11.5	5
338	Association of renalase with clinical outcomes in hospitalized patients with COVID-19.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0264178	3.7	1
337	De novo emergence of a remdesivir resistance mutation during treatment of persistent SARS-CoV-2 infection in an immunocompromised patient: a case report.. <i>Nature Communications</i> , <b>2022</b> , 13, 1547	17.4	6
336	EVITA Dengue: a cluster-randomized controlled trial to EVALuate the efficacy of Wolbachia-Infected Aedes aegypti mosquitoes in reducing the incidence of Arboviral infection in Brazil.. <i>Trials</i> , <b>2022</b> , 23, 185	2.8	1
335	A multicenter evaluation of computable phenotyping approaches for SARS-CoV-2 infection and COVID-19 hospitalizations.. <i>Npj Digital Medicine</i> , <b>2022</b> , 5, 27	15.7	0
334	Effectiveness of CoronaVac, ChAdOx1 nCoV-19, BNT162b2, and Ad26.COVS.2 among individuals with previous SARS-CoV-2 infection in Brazil: a test-negative, case-control study.. <i>Lancet Infectious Diseases</i> , <b>The</b> , <b>2022</b> ,	25.5	5
333	Use of recently vaccinated individuals to detect bias in test-negative case-control studies of COVID-19 vaccine effectiveness.. <i>Epidemiology</i> , <b>2022</b> ,	3.1	3
332	Rainfall and other meteorological factors as drivers of urban transmission of leptospirosis.. <i>PLoS Neglected Tropical Diseases</i> , <b>2022</b> , 16, e0007507	4.8	1
331	Biannual and Quarterly Comparison Analysis of Agglutinating Antibody Kinetics on a Subcohort of Individuals Exposed to in Salvador, Brazil.. <i>Frontiers in Medicine</i> , <b>2022</b> , 9, 862378	4.9	0
330	Closing the health inequity gap during the pandemic: COVID-19 mortality among racial and ethnic groups in Connecticut, March 2020 to December 2021.. <i>Journal of Epidemiology and Community Health</i> , <b>2022</b> ,	5.1	1
329	No evidence of fetal defects or anti-syncytin-1 antibody induction following COVID-19 mRNA vaccination. <i>PLoS Biology</i> , <b>2022</b> , 20, e3001506	9.7	0
328	Predicting daily COVID-19 case rates from SARS-CoV-2 RNA concentrations across a diversity of wastewater catchments.. <i>FEMS Microbes</i> , <b>2021</b> , 2, xtab022	0.8	1
327	emergence of a remdesivir resistance mutation during treatment of persistent SARS-CoV-2 infection in an immunocompromised patient: A case report. <b>2021</b> ,		2

326	High-resolution epitope mapping and characterization of SARS-CoV-2 antibodies in large cohorts of subjects with COVID-19. <i>Communications Biology</i> , <b>2021</b> , 4, 1317	6.7	6
325	Impact of circulating SARS-CoV-2 variants on mRNA vaccine-induced immunity. <i>Nature</i> , <b>2021</b> ,	50.4	71
324	Effectiveness of ChAdOx1 vaccine in older adults during SARS-CoV-2 Gamma variant circulation in S Paulo. <i>Nature Communications</i> , <b>2021</b> , 12, 6220	17.4	13
323	Longitudinal immune profiling of a SARS-CoV-2 reinfection in a solid organ transplant recipient. <i>Journal of Infectious Diseases</i> , <b>2021</b> ,	7	4
322	Effects of Accounting for Interval-Censored Antibody Titer Decay on Seroincidence in a Longitudinal Cohort Study of Leptospirosis. <i>American Journal of Epidemiology</i> , <b>2021</b> , 190, 893-899	3.8	1
321	Diverse Functional Autoantibodies in Patients with COVID-19 <b>2021</b> ,		65
320	SalivaDirect: A simplified and flexible platform to enhance SARS-CoV-2 testing capacity. <i>Med</i> , <b>2021</b> , 2, 263-280.e6	31.7	110
319	Accuracy of Computable Phenotyping Approaches for SARS-CoV-2 Infection and COVID-19 Hospitalizations from the Electronic Health Record <b>2021</b> ,		4
318	Tracking smell loss to identify healthcare workers with SARS-CoV-2 infection. <i>PLoS ONE</i> , <b>2021</b> , 16, e0248375	3.75	8
317	Clinical characteristics and outcomes for 7,995 patients with SARS-CoV-2 infection. <i>PLoS ONE</i> , <b>2021</b> , 16, e0243291	3.7	16
316	Case Study: Longitudinal immune profiling of a SARS-CoV-2 reinfection in a solid organ transplant recipient <b>2021</b> ,		2
315	Household rat infestation in urban slum populations: Development and validation of a predictive score for leptospirosis. <i>PLoS Neglected Tropical Diseases</i> , <b>2021</b> , 15, e0009154	4.8	2
314	Evidence for SARS-CoV-2 Spike Protein in the Urine of COVID-19 Patients.. <i>Kidney360</i> , <b>2021</b> , 2, 924-936	1.8	10
313	in urban populations of terrestrial gastropods and rats in an impoverished region of Brazil. <i>Parasitology</i> , <b>2021</b> , 148, 994-1002	2.7	0
312	Stability of SARS-CoV-2 RNA in Nonsupplemented Saliva. <i>Emerging Infectious Diseases</i> , <b>2021</b> , 27, 1146-1150	15.02	21
311	The escalating tuberculosis crisis in central and South American prisons. <i>Lancet, The</i> , <b>2021</b> , 397, 1591-1596	4.6	10
310	Increased SARS-CoV-2 Testing Capacity with Pooled Saliva Samples. <i>Emerging Infectious Diseases</i> , <b>2021</b> , 27,	10.2	11
309	Maternal respiratory SARS-CoV-2 infection in pregnancy is associated with a robust inflammatory response at the maternal-fetal interface. <i>Med</i> , <b>2021</b> , 2, 591-610.e10	31.7	43

308	Divergent and self-reactive immune responses in the CNS of COVID-19 patients with neurological symptoms. <i>Cell Reports Medicine</i> , <b>2021</b> , 2, 100288	18	39
307	infection induces cross-reactive antibodies to carbohydrate epitopes on the SARS-CoV-2 Spike protein <b>2021</b> ,		6
306	Delayed production of neutralizing antibodies correlates with fatal COVID-19. <i>Nature Medicine</i> , <b>2021</b> , 27, 1178-1186	50.5	65
305	Longitudinal immune profiling of a SARS-CoV-2 reinfection in a solid organ transplant recipient <b>2021</b> ,		1
304	Incidence and prevalence of tuberculosis in incarcerated populations: a systematic review and meta-analysis. <i>Lancet Public Health</i> , <b>2021</b> , 6, e300-e308	22.4	14
303	Diverse functional autoantibodies in patients with COVID-19. <i>Nature</i> , <b>2021</b> , 595, 283-288	50.4	199
302	Rapid, reliable, and reproducible cell fusion assay to quantify SARS-Cov-2 spike interaction with hACE2. <i>PLoS Pathogens</i> , <b>2021</b> , 17, e1009683	7.6	6
301	Genetic evidence for a potential environmental pathway to spillover infection of rat-borne leptospirosis. <i>Journal of Infectious Diseases</i> , <b>2021</b> ,	7	3
300	SARS-CoV-2 Infection Hospitalization Rate and Infection Fatality Rate Among the Non-Congregate Population in Connecticut. <i>American Journal of Medicine</i> , <b>2021</b> , 134, 812-816.e2	2.4	14
299	Kynurenic acid may underlie sex-specific immune responses to COVID-19. <i>Science Signaling</i> , <b>2021</b> , 14,	8.8	15
298	Yield, Efficiency, and Costs of Mass Screening Algorithms for Tuberculosis in Brazilian Prisons. <i>Clinical Infectious Diseases</i> , <b>2021</b> , 72, 771-777	11.6	9
297	Cutting Edge: Severe SARS-CoV-2 Infection in Humans Is Defined by a Shift in the Serum Lipidome, Resulting in Dysregulation of Eicosanoid Immune Mediators. <i>Journal of Immunology</i> , <b>2021</b> , 206, 329-334	5.3	70
296	Seroprevalence of SARS-CoV-2-Specific IgG Antibodies Among Adults Living in Connecticut: Post-Infection Prevalence (PIP) Study. <i>American Journal of Medicine</i> , <b>2021</b> , 134, 526-534.e11	2.4	19
295	A live attenuated-vaccine model confers cross-protective immunity against different species of the <i>Leptospira</i> genus. <i>ELife</i> , <b>2021</b> , 10,	8.9	8
294	SARS-CoV-2 infection in pregnancy is associated with robust inflammatory response at the maternal-fetal interface <b>2021</b> ,		10
293	Developmental outcomes in children exposed to Zika virus in utero from a Brazilian urban slum cohort study. <i>PLoS Neglected Tropical Diseases</i> , <b>2021</b> , 15, e0009162	4.8	7
292	Poverty, sanitation, and <i>Leptospira</i> transmission pathways in residents from four Brazilian slums. <i>PLoS Neglected Tropical Diseases</i> , <b>2021</b> , 15, e0009256	4.8	1
291	Maternal outcomes and risk factors for COVID-19 severity among pregnant women. <i>Scientific Reports</i> , <b>2021</b> , 11, 13898	4.9	27

290	Social determinants associated with Zika virus infection in pregnant women. <i>PLoS Neglected Tropical Diseases</i> , <b>2021</b> , 15, e0009612	4.8	0
289	Gut microbiome dysbiosis during COVID-19 is associated with increased risk for bacteremia and microbial translocation <b>2021</b> ,		8
288	Willingness to Get the COVID-19 Vaccine among Residents of Slum Settlements. <i>Vaccines</i> , <b>2021</b> , 9,	5.3	5
287	Effectiveness of the CoronaVac vaccine in older adults during a gamma variant associated epidemic of covid-19 in Brazil: test negative case-control study. <i>BMJ, The</i> , <b>2021</b> , 374, n2015	5.9	71
286	Effectiveness of CoronaVac among healthcare workers in the setting of high SARS-CoV-2 Gamma variant transmission in Manaus, Brazil: A test-negative case-control study. <i>The Lancet Regional Health Americas</i> , <b>2021</b> , 1, 100025		55
285	Heterogeneous development of children with Congenital Zika Syndrome-associated microcephaly. <i>PLoS ONE</i> , <b>2021</b> , 16, e0256444	3.7	0
284	Reply to: A finding of sex similarities rather than differences in COVID-19 outcomes. <i>Nature</i> , <b>2021</b> , 597, E10-E11	50.4	1
283	Risk of Sexually Transmitted Zika Virus in a Cohort of Economically Disadvantaged Urban Residents. <i>Journal of Infectious Diseases</i> , <b>2021</b> , 224, 860-864	7	3
282	Saliva viral load is a dynamic unifying correlate of COVID-19 severity and mortality <b>2021</b> ,		41
281	301. Detection of Pneumococcal Pneumonia During SARS-CoV-2 Infection. <i>Open Forum Infectious Diseases</i> , <b>2021</b> , 8, S257-S257	1	
280	Change in COVID-19 risk over time following vaccination with CoronaVac: A testnegative case-control study. <b>2021</b> ,		7
279	Seroepidemiology of Leptospira infection in slaughtered cattle in Gauteng province, South Africa. <i>Tropical Animal Health and Production</i> , <b>2020</b> , 52, 3789-3798	1.7	0
278	Coast-to-Coast Spread of SARS-CoV-2 during the Early Epidemic in the United States. <i>Cell</i> , <b>2020</b> , 181, 990-996.e5	56.2	235
277	COVID-19 vulnerability: the potential impact of genetic susceptibility and airborne transmission. <i>Human Genomics</i> , <b>2020</b> , 14, 17	6.8	68
276	Acute encephalopathy with elevated CSF inflammatory markers as the initial presentation of COVID-19. <i>BMC Neurology</i> , <b>2020</b> , 20, 248	3.1	78
275	Influence of herd immunity in the cyclical nature of arboviruses. <i>Current Opinion in Virology</i> , <b>2020</b> , 40, 1-10	7.5	17
274	Transmission of Chikungunya Virus in an Urban Slum, Brazil. <i>Emerging Infectious Diseases</i> , <b>2020</b> , 26, 1364-1373	13.7	6
273	First evidence of concurrent enzootic and endemic transmission of Ross River virus in the absence of marsupial reservoirs in Fiji. <i>International Journal of Infectious Diseases</i> , <b>2020</b> , 96, 94-96	10.5	8

272	DNA aptamer-based non-faradaic impedance biosensor for detecting E. coli. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1107, 135-144	6.6	19
271	Influence of Rainfall on Leptospira Infection and Disease in a Tropical Urban Setting, Brazil. <i>Emerging Infectious Diseases</i> , <b>2020</b> , 26, 311-314	10.2	12
270	Slum Health: Arresting COVID-19 and Improving Well-Being in Urban Informal Settlements. <i>Journal of Urban Health</i> , <b>2020</b> , 97, 348-357	5.8	262
269	SARS-CoV-2 infection of the placenta. <i>Journal of Clinical Investigation</i> , <b>2020</b> , 130, 4947-4953	15.9	230
268	68. Active Monitoring of a Healthcare Worker Cohort During the COVID-19 Epidemic. <i>Open Forum Infectious Diseases</i> , <b>2020</b> , 7, S165-S165	1	
267	493. Clinical and Epidemiological Features of Healthcare Workers Detected with Coronavirus Disease. <i>Open Forum Infectious Diseases</i> , <b>2020</b> , 7, S313-S313	1	0
266	Acute encephalopathy with elevated CSF inflammatory markers as the initial presentation of COVID-19 <b>2020</b> ,		5
265	Severe SARS-CoV-2 infection in humans is defined by a shift in the serum lipidome resulting in dysregulation of eicosanoid immune mediators <b>2020</b> ,		4
264	An asymmetric sheath controls flagellar supercoiling and motility in the leptospira spirochete. <i>ELife</i> , <b>2020</b> , 9,	8.9	12
263	Perspectives on the Future of Epidemiology: A Framework for Training. <i>American Journal of Epidemiology</i> , <b>2020</b> , 189, 634-639	3.8	3
262	Tracking Smell Loss to Identify Healthcare Workers with SARS-CoV-2 Infection <b>2020</b> ,		3
261	456. Implementing an At-Home Smell Test for Early Assessment of COVID-19 in High-Risk Healthcare Workers. <i>Open Forum Infectious Diseases</i> , <b>2020</b> , 7, S295-S296	1	1
260	sp. nov. and sp. nov., two new species of the pathogenic group isolated from environmental sources. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2020</b> , 70, 1450-1456	2.2	16
259	Coast-to-coast spread of SARS-CoV-2 in the United States revealed by genomic epidemiology <b>2020</b> ,		19
258	Host response-based screening to identify undiagnosed cases of COVID-19 and expand testing capacity <b>2020</b> ,		2
257	Sex differences in immune responses to SARS-CoV-2 that underlie disease outcomes <b>2020</b> ,		35
256	Severe SARS-CoV-2 infection in humans is defined by a shift in the serum lipidome resulting in dysregulation of eicosanoid immune mediators <b>2020</b> ,		9
255	Clinical Characteristics and Outcomes for 7,995 Patients with SARS-CoV-2 Infection <b>2020</b> ,		14

254	Simply saliva: stability of SARS-CoV-2 detection negates the need for expensive collection devices <b>2020,</b>		38
253	Pooling saliva to increase SARS-CoV-2 testing capacity <b>2020,</b>		26
252	Kynurenic acid underlies sex-specific immune responses to COVID-19 <b>2020,</b>		20
251	Exploratory neuroimmune profiling identifies CNS-specific alterations in COVID-19 patients with neurological involvement <b>2020,</b>		12
250	Kinetics of antibody responses dictate COVID-19 outcome <b>2020,</b>		31
249	Zika Virus Infection - After the Pandemic. <i>New England Journal of Medicine</i> , <b>2020</b> , 382, e3	59.2	6
248	The Zika Virus Individual Participant Data Consortium: A Global Initiative to Estimate the Effects of Exposure to Zika Virus during Pregnancy on Adverse Fetal, Infant, and Child Health Outcomes. <i>Tropical Medicine and Infectious Disease</i> , <b>2020</b> , 5,	3.5	4
247	Detection of SARS-CoV-2 RNA by multiplex RT-qPCR. <i>PLoS Biology</i> , <b>2020</b> , 18, e3000867	9.7	28
246	Sex differences in immune responses that underlie COVID-19 disease outcomes. <i>Nature</i> , <b>2020</b> , 588, 315-320	30.4	556
245	Severe leptospirosis after rat bite: A case report. <i>PLoS Neglected Tropical Diseases</i> , <b>2020</b> , 14, e0008257	4.8	1
244	An international registry for emergent pathogens and pregnancy. <i>Lancet, The</i> , <b>2020</b> , 395, 1483-1484	4.0	21
243	Analytical sensitivity and efficiency comparisons of SARS-CoV-2 RT-qPCR primer-probe sets. <i>Nature Microbiology</i> , <b>2020</b> , 5, 1299-1305	26.6	380
242	Feasibility and acceptability of a pilot, peer-led HIV self-testing intervention in a hyperendemic fishing community in rural Uganda. <i>PLoS ONE</i> , <b>2020</b> , 15, e0236141	3.7	10
241	Longitudinal analyses reveal immunological misfiring in severe COVID-19. <i>Nature</i> , <b>2020</b> , 584, 463-469	50.4	901
240	Measurement of SARS-CoV-2 RNA in wastewater tracks community infection dynamics. <i>Nature Biotechnology</i> , <b>2020</b> , 38, 1164-1167	44.5	351
239	Saliva or Nasopharyngeal Swab Specimens for Detection of SARS-CoV-2. <i>New England Journal of Medicine</i> , <b>2020</b> , 383, 1283-1286	59.2	507
238	Escape of TLR5 Recognition by spp.: A Rationale for Atypical Endoflagella. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 2007	8.4	10
237	A multivariate geostatistical framework for combining multiple indices of abundance for disease vectors and reservoirs: a case study of in a low-income urban Brazilian community. <i>Journal of the Royal Society Interface</i> , <b>2020</b> , 17, 20200398	4.1	1

236	Anicteric Leptospirosis-Associated Meningitis in a Tropical Urban Environment, Brazil. <i>Emerging Infectious Diseases</i> , <b>2020</b> , 26, 2190-2192	10.2	1
235	Spatial and Simultaneous Seroprevalence of Anti- Antibodies in Owners and Their Domiciled Dogs in a Major City of Southern Brazil. <i>Frontiers in Veterinary Science</i> , <b>2020</b> , 7, 580400	3.1	4
234	Feasibility and acceptability of a pilot, peer-led HIV self-testing intervention in a hyperendemic fishing community in rural Uganda <b>2020</b> , 15, e0236141		
233	Feasibility and acceptability of a pilot, peer-led HIV self-testing intervention in a hyperendemic fishing community in rural Uganda <b>2020</b> , 15, e0236141		
232	Feasibility and acceptability of a pilot, peer-led HIV self-testing intervention in a hyperendemic fishing community in rural Uganda <b>2020</b> , 15, e0236141		
231	Feasibility and acceptability of a pilot, peer-led HIV self-testing intervention in a hyperendemic fishing community in rural Uganda <b>2020</b> , 15, e0236141		
230	International prospective observational cohort study of Zika in infants and pregnancy (ZIP study): study protocol. <i>BMC Pregnancy and Childbirth</i> , <b>2019</b> , 19, 282	3.2	9
229	Evaluating strategies for control of tuberculosis in prisons and prevention of spillover into communities: An observational and modeling study from Brazil. <i>PLoS Medicine</i> , <b>2019</b> , 16, e1002737	11.6	25
228	Significant Genetic Impacts Accompany an Urban Rat Control Campaign in Salvador, Brazil. <i>Frontiers in Ecology and Evolution</i> , <b>2019</b> , 7,	3.7	3
227	Optimal Control of Rat-Borne Leptospirosis in an Urban Environment. <i>Frontiers in Ecology and Evolution</i> , <b>2019</b> , 7,	3.7	2
226	Impact of preexisting dengue immunity on Zika virus emergence in a dengue endemic region. <i>Science</i> , <b>2019</b> , 363, 607-610	33.3	147
225	Risk of Zika microcephaly correlates with features of maternal antibodies. <i>Journal of Experimental Medicine</i> , <b>2019</b> , 216, 2302-2315	16.6	28
224	Mechanistic dose-response modelling of animal challenge data shows that intact skin is a crucial barrier to leptospiral infection. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2019</b> , 374, 20190367	5.8	4
223	Seroprevalence, Risk Factors, and Rodent Reservoirs of Leptospirosis in an Urban Community of Puerto Rico, 2015. <i>Journal of Infectious Diseases</i> , <b>2019</b> , 220, 1489-1497	7	11
222	Zika Virus Infection - After the Pandemic. <i>New England Journal of Medicine</i> , <b>2019</b> , 381, 1444-1457	59.2	180
221	Tails of Two Cities: Age and Wounding Are Associated With Carriage of <i>Leptospira interrogans</i> by Norway Rats ( <i>Rattus norvegicus</i> ) in Ecologically Distinct Urban Environments. <i>Frontiers in Ecology and Evolution</i> , <b>2019</b> , 7,	3.7	8
220	Strengthening Mentoring in Low- and Middle-Income Countries to Advance Global Health Research: An Overview. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2019</b> , 100, 3-8	3.2	30
219	Elevated Activation of Neutrophil Toll-Like Receptors in Patients with Acute Severe Leptospirosis: An Observational Study. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2019</b> , 101, 585-589	3.2	2



218	80 Long-Term Follow-Up of Patients With Pancreatic Cystic Lesions Who Had No Significant Changes in the First 5 Years of Diagnosis. <i>American Journal of Gastroenterology</i> , <b>2019</b> , 114, S47-S48	0.7	
217	Misperceived Risks of Zika-related Microcephaly in India. <i>Trends in Microbiology</i> , <b>2019</b> , 27, 381-383	12.4	16
216	Coinfection modifies carriage of enzootic and zoonotic parasites in Norway rats from an urban slum. <i>Ecosphere</i> , <b>2019</b> , 10, e02887	3.1	2
215	Concomitant Transmission of Dengue, Chikungunya, and Zika Viruses in Brazil: Clinical and Epidemiological Findings From Surveillance for Acute Febrile Illness. <i>Clinical Infectious Diseases</i> , <b>2019</b> , 69, 1353-1359	11.6	47
214	Can Zika virus antibodies cross-protect against dengue virus? - AuthorsTreply. <i>The Lancet Global Health</i> , <b>2018</b> , 6, e495	13.6	7
213	Does immunity after Zika virus infection cross-protect against dengue?. <i>The Lancet Global Health</i> , <b>2018</b> , 6, e140-e141	13.6	48
212	Serum vitamin D levels and risk of prevalent tuberculosis, incident tuberculosis and tuberculin skin test conversion among prisoners. <i>Scientific Reports</i> , <b>2018</b> , 8, 997	4.9	18
211	Adverse birth outcomes associated with Zika virus exposure during pregnancy in S Josdo Rio Preto, Brazil. <i>Clinical Microbiology and Infection</i> , <b>2018</b> , 24, 646-652	9.5	42
210	Zika and the Eye: Pieces of a Puzzle. <i>Progress in Retinal and Eye Research</i> , <b>2018</b> , 66, 85-106	20.5	16
209	Quantification of <i>Leptospira interrogans</i> Survival in Soil and Water Microcosms. <i>Applied and Environmental Microbiology</i> , <b>2018</b> , 84,	4.8	51
208	Dissemination of the ST-103 clonal complex serogroup C meningococci in Salvador, Brazil. <i>Microbes and Infection</i> , <b>2018</b> , 20, 19-24	9.3	2
207	Lvr, a Signaling System That Controls Global Gene Regulation and Virulence in Pathogenic. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2018</b> , 8, 45	5.9	14
206	FcpB Is a Surface Filament Protein of the Endoflagellum Required for the Motility of the Spirochete. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2018</b> , 8, 130	5.9	10
205	Genomic Comparison Among Global Isolates of Serovars Copenhageni and Icterohaemorrhagiae Identified Natural Genetic Variation Caused by an Indel. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2018</b> , 8, 193	5.9	18
204	Epidemiological shift and geographical heterogeneity in the burden of leptospirosis in China. <i>Infectious Diseases of Poverty</i> , <b>2018</b> , 7, 57	10.4	13
203	Prospective evaluation of accuracy and clinical utility of the Dual Path Platform (DPP) assay for the point-of-care diagnosis of leptospirosis in hospitalized patients. <i>PLoS Neglected Tropical Diseases</i> , <b>2018</b> , 12, e0006285	4.8	9
202	Seizures as a Complication of Congenital Zika Syndrome in Early Infancy. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2018</b> , 98, 1860-1862	3.2	23
201	A Large Leptospirosis Outbreak following Successive Severe Floods in Fiji, 2012. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2018</b> , 99, 849-851	3.2	21

200	Zika virus and microcephaly: where do we go from here?. <i>Lancet Infectious Diseases, The</i> , <b>2018</b> , 18, 236-237,5	6
199	Spatial and temporal dynamics of pathogenic <i>Leptospira</i> in surface waters from the urban slum environment. <i>Water Research</i> , <b>2018</b> , 130, 176-184	12.5 32
198	The helminth community of a population of <i>Rattus norvegicus</i> from an urban Brazilian slum and the threat of zoonotic diseases. <i>Parasitology</i> , <b>2018</b> , 145, 797-806	2.7 13
197	Suicide in Brazilian indigenous communities: clustering of cases in children and adolescents by household. <i>Revista De Saude Publica</i> , <b>2018</b> , 52, 56	2.4 1
196	Cross-sectional study of brucellosis and Q fever in Thailand among livestock in two districts at the Thai-Cambodian border, Sa Kaeo province. <i>One Health</i> , <b>2018</b> , 6, 37-40	7.6 3
195	Fine-scale GPS tracking to quantify human movement patterns and exposure to leptospires in the urban slum environment. <i>PLoS Neglected Tropical Diseases</i> , <b>2018</b> , 12, e0006752	4.8 6
194	A model for leptospire dynamics and control in the Norway rat ( <i>Rattus norvegicus</i> ) the reservoir host in urban slum environments. <i>Epidemics</i> , <b>2018</b> , 25, 26-34	5.1 13
193	Quantification of pathogenic <i>Leptospira</i> in the soils of a Brazilian urban slum. <i>PLoS Neglected Tropical Diseases</i> , <b>2018</b> , 12, e0006415	4.8 27
192	Crystallization of FcpA from <i>Leptospira</i> , a novel flagellar protein that is essential for pathogenesis. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , <b>2017</b> , 73, 123-129	1.1 6
191	Epidemiological Investigation of a Diarrhea Outbreak in the South Pacific Island Nation of Tuvalu During a Severe La Niña-Associated Drought Emergency in 2011. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2017</b> , 96, 576-582	3.2 12
190	Recurrent Potent Human Neutralizing Antibodies to Zika Virus in Brazil and Mexico. <i>Cell</i> , <b>2017</b> , 169, 597-602.e1199	6.2 199
189	Glaucoma and Congenital Zika Syndrome. <i>Ophthalmology</i> , <b>2017</b> , 124, 407-408	7.3 37
188	Pathways to zoonotic spillover. <i>Nature Reviews Microbiology</i> , <b>2017</b> , 15, 502-510	22.2 369
187	Factors affecting carriage and intensity of infection of <i>Calodium hepaticum</i> within Norway rats ( <i>Rattus norvegicus</i> ) from an urban slum environment in Salvador, Brazil. <i>Epidemiology and Infection</i> , <b>2017</b> , 145, 334-338	4.3 8
186	Using fine-scale spatial genetics of Norway rats to improve control efforts and reduce leptospirosis risk in urban slum environments. <i>Evolutionary Applications</i> , <b>2017</b> , 10, 323-337	4.8 29
185	Rat infestation associated with environmental deficiencies in an urban slum community with high risk of leptospirosis transmission. <i>Cadernos De Saude Publica</i> , <b>2017</b> , 33,	3.2 10
184	Increase in Tuberculosis Cases among Prisoners, Brazil, 2009-2014. <i>Emerging Infectious Diseases</i> , <b>2017</b> , 23, 496-499	10.2 24
183	Evidence of multiple intraspecific transmission routes for <i>Leptospira</i> acquisition in Norway rats ( <i>Rattus norvegicus</i> ). <i>Epidemiology and Infection</i> , <b>2017</b> , 145, 3438-3448	4.3 17

182	Anterior-Segment Ocular Findings and Microphthalmia in Congenital Zika Syndrome. <i>Ophthalmology</i> , <b>2017</b> , 124, 1876-1878	7.3	18
181	Differences in the Prevalence of Non-Communicable Disease between Slum Dwellers and the General Population in a Large Urban Area in Brazil. <i>Tropical Medicine and Infectious Disease</i> , <b>2017</b> , 2,	3.5	8
180	Distinct antibody responses of patients with mild and severe leptospirosis determined by whole proteome microarray analysis. <i>PLoS Neglected Tropical Diseases</i> , <b>2017</b> , 11, e0005349	4.8	22
179	Rapid, actionable diagnosis of urban epidemic leptospirosis using a pathogenic <i>Leptospira</i> lipL32-based real-time PCR assay. <i>PLoS Neglected Tropical Diseases</i> , <b>2017</b> , 11, e0005940	4.8	25
178	Rat infestation associated with environmental deficiencies in an urban slum community with high risk of leptospirosis transmission. <i>Cadernos De Saude Publica</i> , <b>2017</b> , 33, e00132115	3.2	8
177	High Prevalence of Infection in Brazilian Prisoners. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2017</b> , 97, 1078-1084	3.2	13
176	Increase in Tuberculosis Cases among Prisoners, Brazil, 2009-2014. <i>Emerging Infectious Diseases</i> , <b>2017</b> , 23, 496-499	10.2	
175	Transient Hearing Loss in Adults Associated With Zika Virus Infection. <i>Clinical Infectious Diseases</i> , <b>2017</b> , 64, 675-677	11.6	20
174	Guillain-Barré Syndrome After Zika Virus Infection in Brazil. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2016</b> , 95, 1157-1160	3.2	69
173	<i>Leptospira</i> in breast tissue and milk of urban Norway rats ( <i>Rattus norvegicus</i> ). <i>Epidemiology and Infection</i> , <b>2016</b> , 144, 2420-9	4.3	20
172	Global population divergence and admixture of the brown rat ( <i>Rattus norvegicus</i> ). <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2016</b> , 283,	4.4	83
171	Emergence of Congenital Zika Syndrome: Viewpoint From the Front Lines. <i>Annals of Internal Medicine</i> , <b>2016</b> , 164, 689-91	8	70
170	Low Risk of International Zika Virus Spread due to the 2016 Olympics in Brazil. <i>Annals of Internal Medicine</i> , <b>2016</b> , 165, 286-7	8	15
169	A Comparative Assessment of Track Plates to Quantify Fine Scale Variations in the Relative Abundance of Norway Rats in Urban Slums. <i>Urban Ecosystems</i> , <b>2016</b> , 19, 561-575	2.8	19
168	Zika virus: History, emergence, biology, and prospects for control. <i>Antiviral Research</i> , <b>2016</b> , 130, 69-80	10.8	437
167	Acquisition of negative complement regulators by the saprophyte <i>Leptospira biflexa</i> expressing LigA or LigB confers enhanced survival in human serum. <i>Immunology Letters</i> , <b>2016</b> , 173, 61-8	4.1	20
166	Influenza-like illness in an urban community of Salvador, Brazil: incidence, seasonality and risk factors. <i>BMC Infectious Diseases</i> , <b>2016</b> , 16, 125	4	7
165	Ocular Findings in Infants With Microcephaly Associated With Presumed Zika Virus Congenital Infection in Salvador, Brazil. <i>JAMA Ophthalmology</i> , <b>2016</b> , 134, 529-535	3.9	368

164	Multiple Paternity in the Norway Rat, <i>Rattus norvegicus</i> , from Urban Slums in Salvador, Brazil. <i>Journal of Heredity</i> , <b>2016</b> , 107, 181-6	2.4	10
163	Strategies to Prevent Cholera Introduction during International Personnel Deployments: A Computational Modeling Analysis Based on the 2010 Haiti Outbreak. <i>PLoS Medicine</i> , <b>2016</b> , 13, e1001947	11.6	16
162	Spatiotemporal Determinants of Urban Leptospirosis Transmission: Four-Year Prospective Cohort Study of Slum Residents in Brazil. <i>PLoS Neglected Tropical Diseases</i> , <b>2016</b> , 10, e0004275	4.8	90
161	A Two-Year Ecological Study of Norway Rats ( <i>Rattus norvegicus</i> ) in a Brazilian Urban Slum. <i>PLoS ONE</i> , <b>2016</b> , 11, e0152511	3.7	35
160	Cathelicidin Insufficiency in Patients with Fatal Leptospirosis. <i>PLoS Pathogens</i> , <b>2016</b> , 12, e1005943	7.6	16
159	Accuracy of Dengue Reporting by National Surveillance System, Brazil. <i>Emerging Infectious Diseases</i> , <b>2016</b> , 22, 336-9	10.2	48
158	Increased Rotavirus Prevalence in Diarrheal Outbreak Precipitated by Localized Flooding, Solomon Islands, 2014. <i>Emerging Infectious Diseases</i> , <b>2016</b> , 22, 875-9	10.2	18
157	Zika Virus: From Obscurity to Potentially Devastating International Threat. <i>Clinical Chemistry</i> , <b>2016</b> , 62, 1175-80	5.5	
156	What Makes a Bacterial Species Pathogenic?: Comparative Genomic Analysis of the Genus <i>Leptospira</i> . <i>PLoS Neglected Tropical Diseases</i> , <b>2016</b> , 10, e0004403	4.8	170
155	Zika Virus Infection and Stillbirths: A Case of Hydrops Fetalis, Hydranencephaly and Fetal Demise. <i>PLoS Neglected Tropical Diseases</i> , <b>2016</b> , 10, e0004517	4.8	241
154	A Cost-Effectiveness Tool for Informing Policies on Zika Virus Control. <i>PLoS Neglected Tropical Diseases</i> , <b>2016</b> , 10, e0004743	4.8	47
153	An Optimized Method for Quantification of Pathogenic <i>Leptospira</i> in Environmental Water Samples. <i>PLoS ONE</i> , <b>2016</b> , 11, e0160523	3.7	14
152	A novel flagellar sheath protein, FcpA, determines filament coiling, translational motility and virulence for the <i>Leptospira</i> spirochete. <i>Molecular Microbiology</i> , <b>2016</b> , 101, 457-70	4.1	55
151	Nasopharyngeal carriage of <i>Streptococcus pneumoniae</i> among children in an urban setting in Brazil prior to PCV10 introduction. <i>Vaccine</i> , <b>2016</b> , 34, 791-7	4.1	15
150	Real-Time PCR Reveals Rapid Dissemination of <i>Leptospira interrogans</i> after Intraperitoneal and Conjunctival Inoculation of Hamsters. <i>Infection and Immunity</i> , <b>2016</b> , 84, 2105-2115	3.7	47
149	Impact of mass-screening on tuberculosis incidence in a prospective cohort of Brazilian prisoners. <i>BMC Infectious Diseases</i> , <b>2016</b> , 16, 533	4	14
148	Active and latent tuberculosis in Brazilian correctional facilities: a cross-sectional study. <i>BMC Infectious Diseases</i> , <b>2015</b> , 15, 24	4	40
147	Morphometric and demographic differences between tropical and temperate Norway rats ( <i>Rattus norvegicus</i> ). <i>Journal of Mammalogy</i> , <b>2015</b> , 96, 317-323	1.8	10

146	The Impact of Ventilation and Early Diagnosis on Tuberculosis Transmission in Brazilian Prisons. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2015</b> , 93, 739-46	3.2	34
145	Temporal trends and clonal diversity of penicillin non-susceptible pneumococci from meningitis cases from 1996 to 2012, in Salvador, Brazil. <i>BMC Infectious Diseases</i> , <b>2015</b> , 15, 302	4	12
144	Proteomic features predict seroreactivity against leptospiral antigens in leptospirosis patients. <i>Journal of Proteome Research</i> , <b>2015</b> , 14, 549-56	5.6	10
143	Prisons as reservoir for community transmission of tuberculosis, Brazil. <i>Emerging Infectious Diseases</i> , <b>2015</b> , 21, 452-5	10.2	60
142	Patterns in <i>Leptospira</i> Shedding in Norway Rats ( <i>Rattus norvegicus</i> ) from Brazilian Slum Communities at High Risk of Disease Transmission. <i>PLoS Neglected Tropical Diseases</i> , <b>2015</b> , 9, e0003819	4.8	78
141	Spatial Distribution of Dengue in a Brazilian Urban Slum Setting: Role of Socioeconomic Gradient in Disease Risk. <i>PLoS Neglected Tropical Diseases</i> , <b>2015</b> , 9, e0003937	4.8	65
140	Global Burden of Leptospirosis: Estimated in Terms of Disability Adjusted Life Years. <i>PLoS Neglected Tropical Diseases</i> , <b>2015</b> , 9, e0004122	4.8	155
139	Global Morbidity and Mortality of Leptospirosis: A Systematic Review. <i>PLoS Neglected Tropical Diseases</i> , <b>2015</b> , 9, e0003898	4.8	687
138	Hypertension in a Brazilian urban slum population. <i>Journal of Urban Health</i> , <b>2015</b> , 92, 446-59	5.8	14
137	Efficient Detection of Pathogenic <i>Leptospira</i> Using 16S Ribosomal RNA. <i>PLoS ONE</i> , <b>2015</b> , 10, e0128913	3.7	25
136	A Cross-Sectional Survey of HIV Testing and Prevalence in Twelve Brazilian Correctional Facilities. <i>PLoS ONE</i> , <b>2015</b> , 10, e0139487	3.7	27
135	A putative regulatory genetic locus modulates virulence in the pathogen <i>Leptospira interrogans</i> . <i>Infection and Immunity</i> , <b>2014</b> , 82, 2542-52	3.7	28
134	Oxidative stress markers correlate with renal dysfunction and thrombocytopenia in severe leptospirosis. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2014</b> , 90, 719-23	3.2	19
133	Infections by <i>Leptospira interrogans</i> , Seoul virus, and <i>Bartonella</i> spp. among Norway rats ( <i>Rattus norvegicus</i> ) from the urban slum environment in Brazil. <i>Vector-Borne and Zoonotic Diseases</i> , <b>2014</b> , 14, 33-40	2.4	86
132	The impact of Brazil's Bolsa Família conditional cash transfer program on children's health care utilization and health outcomes. <i>BMC International Health and Human Rights</i> , <b>2014</b> , 14, 10	2.5	62
131	Puerperal brain cryptococcoma in an HIV-negative woman successfully treated with fluconazole: a case report. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , <b>2014</b> , 47, 254-6	1.5	8
130	Identification of immunodominant antigens in canine leptospirosis by Multi-Antigen Print ImmunoAssay (MAPIA). <i>BMC Veterinary Research</i> , <b>2014</b> , 10, 288	2.7	6
129	Identification of cell-binding adhesins of <i>Leptospira interrogans</i> . <i>PLoS Neglected Tropical Diseases</i> , <b>2014</b> , 8, e3215	4.8	24

128	Influence of household rat infestation on leptospira transmission in the urban slum environment. <i>PLoS Neglected Tropical Diseases</i> , <b>2014</b> , 8, e3338	4.8	68
127	El Niño Southern Oscillation and leptospirosis outbreaks in New Caledonia. <i>PLoS Neglected Tropical Diseases</i> , <b>2014</b> , 8, e2798	4.8	34
126	Post-translational modification of LipL32 during <i>Leptospira interrogans</i> infection. <i>PLoS Neglected Tropical Diseases</i> , <b>2014</b> , 8, e3280	4.8	29
125	Prospective study of leptospirosis transmission in an urban slum community: role of poor environment in repeated exposures to the <i>Leptospira</i> agent. <i>PLoS Neglected Tropical Diseases</i> , <b>2014</b> , 8, e2927	4.8	101
124	Unsuspected leptospirosis is a cause of acute febrile illness in Nicaragua. <i>PLoS Neglected Tropical Diseases</i> , <b>2014</b> , 8, e2941	4.8	26
123	Forecasting temporal dynamics of cutaneous leishmaniasis in Northeast Brazil. <i>PLoS Neglected Tropical Diseases</i> , <b>2014</b> , 8, e3283	4.8	14
122	Accuracy of real-time PCR, Gram stain and culture for <i>Streptococcus pneumoniae</i> , <i>Neisseria meningitidis</i> and <i>Haemophilus influenzae</i> meningitis diagnosis. <i>BMC Infectious Diseases</i> , <b>2013</b> , 13, 26	4	80
121	Urban population genetics of slum-dwelling rats ( <i>Rattus norvegicus</i> ) in Salvador, Brazil. <i>Molecular Ecology</i> , <b>2013</b> , 22, 5056-70	5.7	39
120	Sugar cane manufacturing is associated with tuberculosis in an indigenous population in Brazil. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , <b>2013</b> , 107, 152-7	2	15
119	Knowledge, attitudes, and practices related to Leptospirosis among urban slum residents in Brazil. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2013</b> , 88, 359-63	3.2	25
118	Urban slum structure: integrating socioeconomic and land cover data to model slum evolution in Salvador, Brazil. <i>International Journal of Health Geographics</i> , <b>2013</b> , 12, 45	3.5	18
117	Cytokine response signatures in disease progression and development of severe clinical outcomes for leptospirosis. <i>PLoS Neglected Tropical Diseases</i> , <b>2013</b> , 7, e2457	4.8	48
116	Identification of seroreactive proteins of <i>Leptospira interrogans</i> serovar <i>copenhageni</i> using a high-density protein microarray approach. <i>PLoS Neglected Tropical Diseases</i> , <b>2013</b> , 7, e2499	4.8	35
115	<i>Leptospira interrogans</i> enolase is secreted extracellularly and interacts with plasminogen. <i>PLoS ONE</i> , <b>2013</b> , 8, e78150	3.7	22
114	Household Food Insecurity and Obesity Risk in an Urban Slum in Brazil. <i>FASEB Journal</i> , <b>2013</b> , 27, 243.6	0.9	1
113	Surgery for valvular heart disease: a population-based study in a Brazilian urban center. <i>PLoS ONE</i> , <b>2012</b> , 7, e37855	3.7	20
112	Accuracy of a dual path platform (DPP) assay for the rapid point-of-care diagnosis of human leptospirosis. <i>PLoS Neglected Tropical Diseases</i> , <b>2012</b> , 6, e1878	4.8	25
111	Surveillance for leptospirosis in the Americas, 1996-2005: a review of data from ministries of health. <i>Revista Panamericana De Salud Publica/Pan American Journal of Public Health</i> , <b>2012</b> , 32, 169-77	4.1	25

110	Serological trail of Brucella infection in an urban slum population in Brazil. <i>Journal of Infection in Developing Countries</i> , <b>2012</b> , 6, 675-9	2.3	12
109	Serotype distribution and antimicrobial resistance of Streptococcus pneumoniae prior to introduction of the 10-valent pneumococcal conjugate vaccine in Brazil, 2000-2007. <i>Vaccine</i> , <b>2011</b> , 29, 1139-44	4.1	20
108	Eschar-associated spotted fever rickettsiosis, Bahia, Brazil. <i>Emerging Infectious Diseases</i> , <b>2011</b> , 17, 275-8	10.2	93
107	An outbreak of severe leptospirosis in capuchin (Cebus) monkeys. <i>Veterinary Journal</i> , <b>2011</b> , 188, 237-9	2.5	26
106	Clinical outcome of pneumococcal meningitis during the emergence of penicillin-resistant Streptococcus pneumoniae: an observational study. <i>BMC Infectious Diseases</i> , <b>2011</b> , 11, 323	4	21
105	Heterologous expression of pathogen-specific genes ligA and ligB in the saprophyte Leptospira biflexa confers enhanced adhesion to cultured cells and fibronectin. <i>BMC Microbiology</i> , <b>2011</b> , 11, 129	4.5	45
104	P2-506 Influence of climate on the incidence of urban leptospirosis. <i>Journal of Epidemiology and Community Health</i> , <b>2011</b> , 65, A361-A361	5.1	
103	Collaborative teaching and learning: a model for building capacity and partnerships to address NTDs. <i>PLoS Neglected Tropical Diseases</i> , <b>2011</b> , 5, e939	4.8	3
102	The multifunctional LigB adhesin binds homeostatic proteins with potential roles in cutaneous infection by pathogenic Leptospira interrogans. <i>PLoS ONE</i> , <b>2011</b> , 6, e16879	3.7	49
101	Poor clinical outcome for meningitis caused by Haemophilus influenzae serotype A strains containing the IS1016-bexA deletion. <i>Journal of Infectious Diseases</i> , <b>2010</b> , 202, 1577-84	7	29
100	Monitoring Leptospira strain collections: the need for quality control. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2010</b> , 82, 83-7	3.2	18
99	Early identification of leptospirosis-associated pulmonary hemorrhage syndrome by use of a validated prediction model. <i>Journal of Infection</i> , <b>2010</b> , 60, 218-23	18.9	23
98	Major surface protein LipL32 is not required for either acute or chronic infection with Leptospira interrogans. <i>Infection and Immunity</i> , <b>2009</b> , 77, 952-8	3.7	93
97	Distribution of the leptospiral immunoglobulin-like (lig) genes in pathogenic Leptospira species and application of ligB to typing leptospiral isolates. <i>Journal of Medical Microbiology</i> , <b>2009</b> , 58, 1173-1181	3.2	40
96	Leptospira noguchii and human and animal leptospirosis, Southern Brazil. <i>Emerging Infectious Diseases</i> , <b>2009</b> , 15, 621-3	10.2	27
95	An imprint method for detecting leptospires in the hamster model of vaccine-mediated immunity for leptospirosis. <i>Journal of Medical Microbiology</i> , <b>2009</b> , 58, 1632-1637	3.2	16
94	Genome-wide transposon mutagenesis in pathogenic Leptospira species. <i>Infection and Immunity</i> , <b>2009</b> , 77, 810-6	3.7	101
93	Leptospira: the dawn of the molecular genetics era for an emerging zoonotic pathogen. <i>Nature Reviews Microbiology</i> , <b>2009</b> , 7, 736-47	22.2	448

92	Genetic diversity of the Leptospiral immunoglobulin-like (Lig) genes in pathogenic <i>Leptospira</i> spp. <i>Infection, Genetics and Evolution</i> , <b>2009</b> , 9, 196-205	4.5	56
91	Prevalence of <i>Streptococcus pneumoniae</i> serotype 6C among invasive and carriage isolates in metropolitan Salvador, Brazil, from 1996 to 2007. <i>Diagnostic Microbiology and Infectious Disease</i> , <b>2009</b> , 65, 112-5	2.9	22
90	Burden of group A streptococcal meningitis in Salvador, Brazil: report of 11 years of population-based surveillance. <i>International Journal of Infectious Diseases</i> , <b>2009</b> , 13, 456-61	10.5	5
89	Detection and modelling of case clusters for urban leptospirosis. <i>Tropical Medicine and International Health</i> , <b>2008</b> , 13, 503-12	2.3	33
88	Rescue of a living donor with liver transplantation. <i>American Journal of Transplantation</i> , <b>2008</b> , 8, 1557-618.7		16
87	A stochastic model for ecological systems with strong nonlinear response to environmental drivers: application to two water-borne diseases. <i>Journal of the Royal Society Interface</i> , <b>2008</b> , 5, 247-52	4.1	28
86	<i>Rattus norvegicus</i> as a model for persistent renal colonization by pathogenic <i>Leptospira interrogans</i> . <i>Acta Tropica</i> , <b>2008</b> , 105, 176-80	3.2	102
85	Clinical characteristics and risk factors of human leptospirosis in Argentina (1999-2005). <i>Acta Tropica</i> , <b>2008</b> , 107, 255-8	3.2	64
84	Carriage of <i>Leptospira interrogans</i> among domestic rats from an urban setting highly endemic for leptospirosis in Brazil. <i>Acta Tropica</i> , <b>2008</b> , 108, 1-5	3.2	106
83	Characterization of virulence of <i>Leptospira</i> isolates in a hamster model. <i>Vaccine</i> , <b>2008</b> , 26, 3892-6	4.1	64
82	Targeted mutagenesis in pathogenic <i>Leptospira</i> species: disruption of the LigB gene does not affect virulence in animal models of leptospirosis. <i>Infection and Immunity</i> , <b>2008</b> , 76, 5826-33	3.7	89
81	Leptospirosis-associated severe pulmonary hemorrhagic syndrome, Salvador, Brazil. <i>Emerging Infectious Diseases</i> , <b>2008</b> , 14, 505-8	10.2	167
80	Household transmission of leptospira infection in urban slum communities. <i>PLoS Neglected Tropical Diseases</i> , <b>2008</b> , 2, e154	4.8	80
79	Impact of environment and social gradient on <i>Leptospira</i> infection in urban slums. <i>PLoS Neglected Tropical Diseases</i> , <b>2008</b> , 2, e228	4.8	224
78	Transmission of <i>Streptococcus pneumoniae</i> in an urban slum community. <i>Journal of Infection</i> , <b>2008</b> , 57, 204-13	18.9	25
77	Leptospirosis in a subsistence farming community in Brazil. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , <b>2008</b> , 102, 1233-8	2	16
76	Leptospirosis serosurvey in bovines from Brazilian Pantanal using IGG ELISA with recombinant protein LipL32 and microscopic agglutination test. <i>Brazilian Journal of Microbiology</i> , <b>2007</b> , 38, 674-680	2.2	10
75	Factors associated with <i>Leptospira</i> sp infection in a large urban center in northeastern Brazil. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , <b>2007</b> , 40, 499-504	1.5	29



74	Hospital-based surveillance of meningococcal meningitis in Salvador, Brazil. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , <b>2007</b> , 101, 1147-53	2	13
73	Slum health: diseases of neglected populations. <i>BMC International Health and Human Rights</i> , <b>2007</b> , 7, 2	2.5	149
72	Isolation of <i>Leptospira noguchii</i> from sheep. <i>Veterinary Microbiology</i> , <b>2007</b> , 121, 144-9	3.3	43
71	Morphological alterations in the kidney of rats with natural and experimental <i>Leptospira</i> infection. <i>Journal of Comparative Pathology</i> , <b>2007</b> , 137, 231-238	1	49
70	Osmotic regulation of expression of two extracellular matrix-binding proteins and a haemolysin of <i>Leptospira interrogans</i> : differential effects on LigA and Sph2 extracellular release. <i>Microbiology (United Kingdom)</i> , <b>2007</b> , 153, 3390-3398	2.9	40
69	The OmpA-like protein Loa22 is essential for leptospiral virulence. <i>PLoS Pathogens</i> , <b>2007</b> , 3, e97	7.6	160
68	Evaluation of the anti-LipL32 monoclonal antibodies potential for use in leptospirosis immunodiagnostic tests. <i>Journal of Immunoassay and Immunochemistry</i> , <b>2007</b> , 28, 279-88	1.8	5
67	Use of immunoblotting as an alternative method for serogrouping <i>Leptospira</i> . <i>Journal of Medical Microbiology</i> , <b>2007</b> , 56, 587-592	3.2	8
66	Evaluation of four whole-cell <i>Leptospira</i> -based serological tests for diagnosis of urban leptospirosis. <i>Vaccine Journal</i> , <b>2007</b> , 14, 1245-8		34
65	<i>Leptospira</i> immunoglobulin-like proteins as a serodiagnostic marker for acute leptospirosis. <i>Journal of Clinical Microbiology</i> , <b>2007</b> , 45, 1528-34	9.7	74
64	<i>Haemophilus influenzae</i> meningitis 5 years after introduction of the <i>Haemophilus influenzae</i> type b conjugate vaccine in Brazil. <i>Vaccine</i> , <b>2007</b> , 25, 4420-8	4.1	37
63	The terminal portion of leptospiral immunoglobulin-like protein LigA confers protective immunity against lethal infection in the hamster model of leptospirosis. <i>Vaccine</i> , <b>2007</b> , 25, 6277-86	4.1	130
62	Evaluation of the EIE-IgM-Leptospire assay for the serodiagnosis of leptospirosis. <i>Acta Tropica</i> , <b>2007</b> , 102, 206-11	3.2	16
61	Monoclonal antibodies against LipL32, the major outer membrane protein of pathogenic <i>Leptospira</i> : production, characterization, and testing in diagnostic applications. <i>Hybridoma</i> , <b>2007</b> , 26, 35-41		21
60	Reversal of Renal Tubule Transporter Downregulation during Severe Leptospirosis with Antimicrobial Therapy. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2007</b> , 77, 1111-1119	3.2	16
59	Reversal of renal tubule transporter downregulation during severe leptospirosis with antimicrobial therapy. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2007</b> , 77, 1111-9	3.2	9
58	High serum nitric oxide levels in patients with severe leptospirosis. <i>Acta Tropica</i> , <b>2006</b> , 100, 256-60	3.2	27
57	Surfaceome of <i>Leptospira</i> spp. <i>Infection and Immunity</i> , <b>2005</b> , 73, 4853-63	3.7	131

56	Leptospirosis. <i>Current Opinion in Infectious Diseases</i> , <b>2005</b> , 18, 376-86	5.4	439
55	Evaluation of the recombinant LipL32 in enzyme-linked immunosorbent assay for the serodiagnosis of bovine leptospirosis. <i>Veterinary Microbiology</i> , <b>2005</b> , 109, 89-94	3.3	42
54	FAMILIAL AGGREGATION OF MUCOSAL LEISHMANIASIS IN NORTHEAST BRAZIL. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2005</b> , 73, 69-73	3.2	20
53	Comparative genomics of two <i>Leptospira interrogans</i> serovars reveals novel insights into physiology and pathogenesis. <i>Journal of Bacteriology</i> , <b>2004</b> , 186, 2164-72	3.5	330
52	Diagnostic performance of anti-beta2 glycoprotein I and anticardiolipin assays for clinical manifestations of the antiphospholipid syndrome. <i>Clinical Rheumatology</i> , <b>2004</b> , 23, 485-9	3.9	8
51	Prevention of <i>Haemophilus influenzae</i> type b (Hib) meningitis and emergence of serotype replacement with type a strains after introduction of Hib immunization in Brazil. <i>Journal of Infectious Diseases</i> , <b>2003</b> , 187, 109-16	7	96
50	Pathogenic <i>Leptospira</i> species express surface-exposed proteins belonging to the bacterial immunoglobulin superfamily. <i>Molecular Microbiology</i> , <b>2003</b> , 49, 929-45	4.1	204
49	Antimicrobial resistance in <i>Haemophilus influenzae</i> isolated during population-based surveillance for meningitis in Salvador, Brazil. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2002</b> , 46, 3641-3	5.9	9
48	Disseminated leishmaniasis: a new and emerging form of leishmaniasis observed in northeastern Brazil. <i>Journal of Infectious Diseases</i> , <b>2002</b> , 186, 1829-34	7	127
47	Population-based survey of antimicrobial susceptibility and serotype distribution of <i>Streptococcus pneumoniae</i> from meningitis patients in Salvador, Brazil. <i>Journal of Clinical Microbiology</i> , <b>2002</b> , 40, 275-79.7	9.7	17
46	Rapid translocation of polarized MDCK cell monolayers by <i>Leptospira interrogans</i> , an invasive but nonintracellular pathogen. <i>Infection and Immunity</i> , <b>2002</b> , 70, 6926-32	3.7	71
45	Population-based case-control investigation of risk factors for leptospirosis during an urban epidemic. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2002</b> , 66, 605-10	3.2	120
44	Identification of new repetitive element in <i>Leptospira interrogans</i> serovar <i>copenhageni</i> and its application to PCR-based differentiation of <i>Leptospira</i> serogroups. <i>Journal of Clinical Microbiology</i> , <b>2001</b> , 39, 191-5	9.7	33
43	<i>Leptospiral</i> proteins recognized during the humoral immune response to leptospirosis in humans. <i>Infection and Immunity</i> , <b>2001</b> , 69, 4958-68	3.7	133
42	Evaluation of recombinant <i>Leptospira</i> antigen-based enzyme-linked immunosorbent assays for the serodiagnosis of leptospirosis. <i>Journal of Clinical Microbiology</i> , <b>2001</b> , 39, 3303-10	9.7	127
41	Referral pattern of leptospirosis cases during a large urban epidemic of dengue. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2001</b> , 65, 657-63	3.2	41
40	Clonally related penicillin-nonsusceptible <i>Streptococcus pneumoniae</i> serotype 14 from cases of meningitis in Salvador, Brazil. <i>Clinical Infectious Diseases</i> , <b>2000</b> , 30, 78-86	11.6	29
39	Randomized, double-blind study of stibogluconate plus human granulocyte macrophage colony-stimulating factor versus stibogluconate alone in the treatment of cutaneous Leishmaniasis. <i>Journal of Infectious Diseases</i> , <b>1999</b> , 180, 1735-7	7	39

38	Urban epidemic of severe leptospirosis in Brazil. Salvador Leptospirosis Study Group. <i>Lancet, The</i> , <b>1999</b> , 354, 820-5	40	453
37	Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 23-1995. A 44-year-old woman with pulmonary infiltrates, respiratory failure, and pancytopenia. <i>New England Journal of Medicine</i> , <b>1995</b> , 333, 241-8	59.2	4
36	A Schistosoma mansoni epitope recognized by a protective monoclonal antibody is identical to the stage-specific embryonic antigen 1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1990</b> , 87, 4159-63	11.5	108
35	Characterization of protective and non-protective surface membrane carbohydrate epitopes of Schistosoma mansoni. <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>1987</b> , 82 Suppl 4, 115-9	2.6	11
34	Stereochemical aspects of the intramolecular Diels-Alder reactions of deca-2,7,9-trienoate esters. 3. Thermal, Lewis acid catalyzed, and asymmetric cyclizations. <i>Journal of the American Chemical Society</i> , <b>1982</b> , 104, 2269-2283	16.4	109
33	Stereochemical aspects of the intramolecular Diels-Alder reactions of methyl deca-2,7,9-trienoates. 1. Thermal cyclizations. <i>Journal of Organic Chemistry</i> , <b>1980</b> , 45, 4264-4267	4.2	24
32	Immunogenicity of heterologous BNT162b2 booster in fully vaccinated individuals with CoronaVac against SARS-CoV-2 variants Delta and Omicron: the Dominican Republic Experience		10
31	Monoclonal antibodies against an outer membrane protein from pathogenic Leptospira. <i>Brazilian Journal of Microbiology</i> , <b>34</b> , 1-4	2.2	3
30	The Case for Universal Cloth Mask Adoption and Policies to Increase Supply of Medical Masks for Health Workers. <i>SSRN Electronic Journal</i> ,	1	23
29	Analytical sensitivity and efficiency comparisons of SARS-CoV-2 qRT-PCR primer-probe sets		51
28	A Live Attenuated Vaccine Model Confers Cross-Protective Immunity Against Different Species of Leptospira spp.		1
27	Saliva is more sensitive for SARS-CoV-2 detection in COVID-19 patients than nasopharyngeal swabs		97
26	SARS-CoV-2 infection of the placenta		22
25	SARS-CoV-2 RNA concentrations in primary municipal sewage sludge as a leading indicator of COVID-19 outbreak dynamics		56
24	Detection of SARS-CoV-2 RNA by multiplex RT-qPCR		3
23	Longitudinal immunological analyses reveal inflammatory misfiring in severe COVID-19 patients		14
22	Single-Cell Omics Reveals Dyssynchrony of the Innate and Adaptive Immune System in Progressive COVID-19	23	
21	Performance of Abbott Architect, Ortho Vitros, and Euroimmun Assays in Detecting Prior SARS-CoV-2 Infection		7

20	SalivaDirect: A simplified and flexible platform to enhance SARS-CoV-2 testing capacity	42
19	Seroprevalence of SARS-CoV-2-Specific IgG Antibodies Among Adults Living in Connecticut: Post-Infection Prevalence (PIP) Study	3
18	Prevalence of antibodies to SARS-CoV-2 in healthy blood donors in New York	1
17	SARS-CoV-2 Infection Hospitalization Rate and Infection Fatality Rate among the Non-Congregant Population in Connecticut	1
16	Multiscale PHATE Exploration of SARS-CoV-2 Data Reveals Multimodal Signatures of Disease	1
15	High-resolution mapping and characterization of epitopes in COVID-19 patients	6
14	Predicting daily COVID-19 case rates from SARS-CoV-2 RNA concentrations across a diversity of wastewater catchments	3
13	Effectiveness of CoronaVac among healthcare workers in the setting of high SARS-CoV-2 Gamma variant transmission in Manaus, Brazil: A test-negative case-control study	15
12	Effectiveness of the CoronaVac vaccine in the elderly population during a Gamma variant-associated epidemic of COVID-19 in Brazil: A test-negative case-control study	9
11	Longitudinal Changes in COVID-19 Associated In-Hospital Mortality	2
10	Genomic evidence for prisons as amplifiers of community tuberculosis epidemics	1
9	Use of recently vaccinated individuals to detect bias in test-negative case-control studies of COVID-19 vaccine effectiveness	11
8	Effectiveness of the ChAdOx1 vaccine in the elderly during SARS-CoV-2 Gamma variant transmission in Brazil	7
7	Evidence for SARS-CoV-2 Spike Protein in the Urine of COVID-19 patients	2
6	Impact of circulating SARS-CoV-2 variants on mRNA vaccine-induced immunity in uninfected and previously infected individuals	11
5	Closing the health inequity gap during the pandemic: COVID-19 mortality among racial and ethnic groups in Connecticut, March 2020 to December 2021	1
4	Structural basis of flagellar filament asymmetry and supercoil templating by <i>Leptospira</i> spirochete sheath proteins	1
3	Effectiveness of an Inactivated Covid-19 Vaccine with Homologous and Heterologous Boosters against the Omicron (B.1.1.529) Variant	4

2	No evidence of fetal defects or anti-syncytin-1 antibody induction following COVID-19 mRNA vaccination	1
1	Effectiveness of CoronaVac, ChAdOx1, BNT162b2 and Ad26.COV2.S among individuals with prior SARS-CoV-2 infection in Brazil	3