

Matthew P. Cheng

List of Publications by Year in Descending Order

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

116
papers

3,212
citations

24
h-index

55
g-index

130
ext. papers

4,506
ext. citations

5.5
avg, IF

5.73
L-index

#	Paper	IF	Citations
116	Remdesivir for the treatment of patients in hospital with COVID-19 in Canada: a randomized controlled trial.. <i>Cmaj</i> , 2022 ,	3.5	23
115	Longitudinal Plasma Proteomics Analysis Reveals Novel Candidate Biomarkers in Acute COVID-19.. <i>Journal of Proteome Research</i> , 2022 ,	5.6	4
114	How generalizable are randomized controlled trials (RCTs) in Staphylococcus aureus bacteremia? A description of the mortality gap between RCTs and observational studies.. <i>Clinical Infectious Diseases</i> , 2022 ,	11.6	1
113	Staphylococcus aureus bacteremia mortality: A systematic review and meta-analysis.. <i>Clinical Microbiology and Infection</i> , 2022 ,	9.5	7
112	Clarithromycin-Rifampin-Based Treatment for Nontuberculous Mycobacteria Infections in Immunocompromised Patients who Require Concomitant CYP-Metabolized Medications.. <i>Open Forum Infectious Diseases</i> , 2022 , 9, ofab582	1	
111	Adapting Serosurveys for the SARS-CoV-2 Vaccine Era.. <i>Open Forum Infectious Diseases</i> , 2022 , 9, ofab6321		4
110	Organ dysfunction and death in patients admitted to hospital with COVID-19 in pandemic waves 1 to 3 in British Columbia, Ontario and Quebec, Canada: a cohort study.. <i>CMAJ Open</i> , 2022 , 10, E379-E389	2.5	1
109	What Is the Optimal Follow-up Length for Mortality in Bacteremia? Observations From a Systematic Review of Attributable Mortality.. <i>Open Forum Infectious Diseases</i> , 2022 , 9, ofac096	1	3
108	Adequacy of Serial Self-performed SARS-CoV-2 Rapid Antigen Detection Testing for Longitudinal Mass Screening in the Workplace.. <i>JAMA Network Open</i> , 2022 , 5, e2210559	10.4	3
107	Specificity of SARS-CoV-2 antibody-detection assays against S and N protein among pre-COVID-19 sera from patients with protozoan and helminth parasitic infections. <i>Journal of Clinical Microbiology</i> , 2021 , JCM0171721	9.7	1
106	SARS-CoV-2 seroprevalence in health care workers from 10 hospitals in Quebec, Canada: a cross-sectional study.. <i>Cmaj</i> , 2021 , 193, E1868-E1877	3.5	3
105	Somatic GATA2 mutations define a subgroup of myeloid malignancy patients at high risk for invasive fungal disease. <i>Blood Advances</i> , 2021 , 5, 54-60	7.8	3
104	On the Treatment of Pneumonia: Current Practice Based on Outdated Evidence.. <i>Open Forum Infectious Diseases</i> , 2021 , 8, ofab545	1	0
103	Reply to Volpicelli et al. <i>Clinical Infectious Diseases</i> , 2021 , 73, 168-169	11.6	
102	Remdesivir and systemic corticosteroids for the treatment of COVID-19: A Bayesian re-analysis. <i>International Journal of Infectious Diseases</i> , 2021 , 104, 671-676	10.5	12
101	Evaluation of a Commercial Culture-Free Neutralization Antibody Detection Kit for Severe Acute Respiratory Syndrome-Related Coronavirus-2 and Comparison With an Antireceptor-Binding Domain Enzyme-Linked Immunosorbent Assay. <i>Open Forum Infectious Diseases</i> , 2021 , 8, ofab220	1	15
100	Handheld infrared thermometer to evaluate cellulitis: the HI-TEC study. <i>Clinical Microbiology and Infection</i> , 2021 , 27, 1814-1819	9.5	

99	Cytomegalovirus events in high-risk allogeneic hematopoietic-cell transplantation patients who received letermovir prophylaxis. <i>Transplant Infectious Disease</i> , 2021 , 23, e13619	2.7	1
98	Comparative effectiveness of amphotericin B, azoles and echinocandins in the treatment of candidemia and invasive candidiasis: A systematic review and network meta-analysis. <i>Mycoses</i> , 2021 , 64, 1098-1110	5.2	1
97	A eulogy for Dr Francisco Miguel Marty Forero. <i>Transplant Infectious Disease</i> , 2021 , 23, e13645	2.7	
96	Global seroprevalence of SARS-CoV-2 antibodies: A systematic review and meta-analysis. <i>PLoS ONE</i> , 2021 , 16, e0252617	3.7	43
95	Neither Blood Culture Positivity nor Time to Positivity Is Associated With Mortality Among Patients Presenting With Severe Manifestations of Sepsis: The FABLED Cohort Study. <i>Open Forum Infectious Diseases</i> , 2021 , 8, ofab321	1	3
94	Voice-based screening for SARS-CoV-2 exposure in cardiovascular clinics. <i>European Heart Journal Digital Health</i> , 2021 , 2, 521-527	2.3	1
93	Angiotensin Receptor Blockers and Angiotensin-Converting Enzyme Inhibitors in COVID-19: Meta-analysis/Meta-regression Adjusted for Confounding Factors. <i>CJC Open</i> , 2021 , 3, 965-975	2	5
92	SeroTracker: a global SARS-CoV-2 seroprevalence dashboard. <i>Lancet Infectious Diseases</i> , 2021 , 21, e75-e76	25.5	82
91	Adjunctive Daptomycin in the Treatment of Methicillin-susceptible Staphylococcus aureus Bacteremia: A Randomized, Controlled Trial. <i>Clinical Infectious Diseases</i> , 2021 , 72, e196-e203	11.6	18
90	Characteristics and outcomes of patients with COVID-19 admitted to hospital and intensive care in the first phase of the pandemic in Canada: a national cohort study. <i>CMAJ Open</i> , 2021 , 9, E181-E188	2.5	20
89	Serodiagnostics for SARS-CoV-2. <i>Annals of Internal Medicine</i> , 2021 , 174, 287-288	8	0
88	Piperacillin-tazobactam versus meropenem for treatment of bloodstream infections caused by third-generation cephalosporin-resistant Enterobacteriaceae: a study protocol for a non-inferiority open-label randomised controlled trial (PeterPen). <i>BMJ Open</i> , 2021 , 11, e040210	3	2
87	Acute Cardiac Injury in Coronavirus Disease 2019 and Other Viral Infections-A Systematic Review and Meta-Analysis. <i>Critical Care Medicine</i> , 2021 , 49, 1558-1566	1.4	10
86	Optimizing cost as well as yield of blood cultures in sepsis. <i>American Journal of Emergency Medicine</i> , 2021 , 47, 294	2.9	
85	Kidney Transplantation in Times of Covid-19: Decision Analysis in the Canadian Context. <i>Canadian Journal of Kidney Health and Disease</i> , 2021 , 8, 20543581211040332	2.3	2
84	Nosocomial mucormycosis of the thigh. <i>IDCases</i> , 2021 , 25, e01225	2	1
83	Safety of Live-Attenuated Measles, Mumps, and Rubella Vaccine Administered Within 2 Years of Hematopoietic Cell Transplant.. <i>Open Forum Infectious Diseases</i> , 2021 , 8, ofab504	1	2
82	Dried blood spot specimens for SARS-CoV-2 antibody testing: A multi-site, multi-assay comparison. <i>PLoS ONE</i> , 2021 , 16, e0261003	3.7	5

81	Post-exposure prophylaxis or pre-emptive therapy for severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2): study protocol for a pragmatic randomized-controlled trial. <i>Canadian Journal of Anaesthesia</i> , 2020 , 67, 1201-1211	3	15
80	A Randomized Trial of Hydroxychloroquine as Postexposure Prophylaxis for Covid-19. <i>New England Journal of Medicine</i> , 2020 , 383, 517-525	59.2	803
79	BK virus-specific T-cell immune reconstitution after allogeneic hematopoietic cell transplantation. <i>Blood Advances</i> , 2020 , 4, 1881-1893	7.8	7
78	Diagnostic accuracy of serum (1-3)- β -D-glucan for <i>Pneumocystis jirovecii</i> pneumonia: a systematic review and meta-analysis. <i>Clinical Microbiology and Infection</i> , 2020 , 26, 1137-1143	9.5	18
77	Comparison of two methods to clear the airways of critically ill children and adults with COVID-19 infection: a structured summary of a study protocol for a pilot randomized controlled trial. <i>Trials</i> , 2020 , 21, 610	2.8	
76	Using VRE screening tests to predict vancomycin resistance in enterococcal bacteremia. <i>Infection Control and Hospital Epidemiology</i> , 2020 , 41, 425-429	2	2
75	<i>Pneumocystis jirovecii</i> pneumonia and institutional prophylaxis practices in CLL patients treated with BTK inhibitors. <i>Blood Advances</i> , 2020 , 4, 1458-1463	7.8	16
74	Reply to Aronson et al. <i>Clinical Infectious Diseases</i> , 2020 , 70, 1262	11.6	
73	Herpes Zoster Subunit Vaccination for Renal Transplant Recipients. <i>Clinical Infectious Diseases</i> , 2020 , 70, 718-719	11.6	2
72	117. Adjunctive Daptomycin in the Treatment of staphylococcus Aureus Bacteremia. <i>Open Forum Infectious Diseases</i> , 2020 , 7, S187-S187	1	
71	Safety of Hydroxychloroquine among Outpatient Clinical Trial Participants for COVID-19 2020 ,		8
70	Cell-Free DNA in Blood Reveals Significant Cell, Tissue and Organ Specific injury and Predicts COVID-19 Severity 2020 ,		8
69	Invasive <i>Scedosporium</i> spp. and <i>Lomentospora prolificans</i> infections in pediatric patients: Analysis of 55 cases from FungiScope [®] and the literature. <i>International Journal of Infectious Diseases</i> , 2020 , 92, 114-122	10.5	10
68	Real-world Time to Positivity of 2 Widely Used Commercial Blood Culture Systems in Patients With Severe Manifestations of Sepsis: An Analysis of the FABLED Study. <i>Open Forum Infectious Diseases</i> , 2020 , 7, ofaa371	1	1
67	Clinical Trials Increase Off-Study Drug Use: A Segmented Time-Series Analysis. <i>Open Forum Infectious Diseases</i> , 2020 , 7, ofaa449	1	1
66	Safety of Hydroxychloroquine Among Outpatient Clinical Trial Participants for COVID-19. <i>Open Forum Infectious Diseases</i> , 2020 , 7, ofaa500	1	26
65	Blood Culture Results Before and After Antimicrobial Administration. <i>Annals of Internal Medicine</i> , 2020 , 172, 440-441	8	0
64	Serodiagnostics for Severe Acute Respiratory Syndrome-Related Coronavirus 2 : A Narrative Review. <i>Annals of Internal Medicine</i> , 2020 , 173, 450-460	8	81

63	Diagnostic Testing for Severe Acute Respiratory Syndrome-Related Coronavirus 2: A Narrative Review. <i>Annals of Internal Medicine</i> , 2020 , 172, 726-734	8	370
62	Hydroxychloroquine in Nonhospitalized Adults With Early COVID-19 : A Randomized Trial. <i>Annals of Internal Medicine</i> , 2020 , 173, 623-631	8	298
61	Galectin-3 enhances neutrophil motility and extravasation into the airways during <i>Aspergillus fumigatus</i> infection. <i>PLoS Pathogens</i> , 2020 , 16, e1008741	7.6	18
60	Reply to Singh. <i>Clinical Infectious Diseases</i> , 2020 , 71, 471-472	11.6	
59	Use of triazoles for the treatment of invasive aspergillosis: A three-year cohort analysis. <i>Mycoses</i> , 2020 , 63, 58-64	5.2	6
58	Low-Dose TMP-SMX in the Treatment of Pneumonia: A Systematic Review and Meta-analysis. <i>Open Forum Infectious Diseases</i> , 2020 , 7, ofaa112	1	4
57	Generating randomized trial evidence to optimize treatment in the COVID-19 pandemic. <i>Cmaj</i> , 2020 , 192, E405-E407	3.5	24
56	Invasive Fungal Carotiditis: A Rare Manifestation of Cranial Invasive Fungal Disease: Case Series and Systematic Review of the Literature. <i>Open Forum Infectious Diseases</i> , 2019 , 6, ofz392	1	4
55	A cell-free DNA metagenomic sequencing assay that integrates the host injury response to infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 18738-18744	11.5	32
54	Stability of Biological Activity of Frozen β -lactams over Time as Assessed by Time-Lapsed Broth Microdilutions. <i>Antibiotics</i> , 2019 , 8,	4.9	0
53	Risk of Latent Tuberculosis Reactivation After Hematopoietic cell Transplantation. <i>Clinical Infectious Diseases</i> , 2019 , 69, 869-872	11.6	16
52	Beta-Lactam/Beta-Lactamase Inhibitor Therapy for Potential AmpC-Producing Organisms: A Systematic Review and Meta-Analysis. <i>Open Forum Infectious Diseases</i> , 2019 , 6,	1	7
51	Severe Herpes Zoster Requiring Intravenous Antiviral Treatment in Allogeneic Hematopoietic Cell Transplantation Recipients on Standard Acyclovir Prophylaxis. <i>Biology of Blood and Marrow Transplantation</i> , 2019 , 25, 1642-1647	4.7	8
50	Triazole Antifungal Susceptibility Patterns among Species in Quebec, Canada. <i>Journal of Clinical Microbiology</i> , 2019 , 57,	9.7	1
49	Prevalence of Auto-antibodies in Pulmonary Tuberculosis. <i>Open Forum Infectious Diseases</i> , 2019 , 6, ofz114	11.4	2
48	Isavuconazole for the treatment of invasive fungal disease in patients receiving ibrutinib. <i>Leukemia and Lymphoma</i> , 2019 , 60, 527-530	1.9	9
47	Matched-paired analysis of patients treated for invasive mucormycosis: standard treatment versus posaconazole new formulations (MoveOn). <i>Journal of Antimicrobial Chemotherapy</i> , 2019 , 74, 3315-3327	5.1	19
46	Hepatitis B testing practices at a tertiary care centre and their associated costs: A retrospective analysis. <i>PLoS ONE</i> , 2019 , 14, e0219347	3.7	1

45	847. The Effect of Antimicrobial Administration on Blood Culture Positivity in Patients with Severe Manifestations of Sepsis. <i>Open Forum Infectious Diseases</i> , 2019 , 6, S15-S16	1	78
44	Blood Culture Results Before and After Antimicrobial Administration in Patients With Severe Manifestations of Sepsis: A Diagnostic Study. <i>Annals of Internal Medicine</i> , 2019 , 171, 547-554	8	55
43	2596. Invasive Fungal Disease in Patients with GATA2 Variant Hematologic Malignancy. <i>Open Forum Infectious Diseases</i> , 2019 , 6, S902-S902	1	78
42	2116. Comparative Effectiveness of Amphotericin B, Azoles, and Echinocandins in the Treatment of Candidemia and Invasive Candidiasis: A Systematic Review and Network Meta-Analysis. <i>Open Forum Infectious Diseases</i> , 2019 , 6, S716-S716	1	1
41	In vitro synergy of β -lactam combinations against KPC-producing <i>Klebsiella pneumoniae</i> strains. <i>Journal of Antimicrobial Chemotherapy</i> , 2019 , 74, 3515-3520	5.1	1
40	Low risk of <i>Pneumocystis jirovecii</i> pneumonia and invasive aspergillosis in patients with Waldenström macroglobulinaemia on ibrutinib. <i>British Journal of Haematology</i> , 2019 , 185, 788-790	4.5	10
39	Prognostic factors in 264 adults with invasive <i>Scedosporium</i> spp. and <i>Lomentospora prolificans</i> infection reported in the literature and FungiScope. <i>Critical Reviews in Microbiology</i> , 2019 , 45, 1-21	7.8	56
38	Increasing Rates of Penicillin Sensitivity in <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	6
37	The Reply. <i>American Journal of Medicine</i> , 2018 , 131, e157	2.4	
36	Factors Associated With 30-Day Mortality Rate in Respiratory Infections Caused by <i>Streptococcus pneumoniae</i> . <i>Clinical Infectious Diseases</i> , 2018 , 66, 1282-1285	11.6	2
35	Safety and Efficacy of PD-1 Inhibitors Among HIV-Positive Patients With Non-Small Cell Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2018 , 13, 1037-1042	8.9	58
34	Daptomycin versus placebo as an adjunct to beta-lactam therapy in the treatment of <i>Staphylococcus aureus</i> bacteremia: study protocol for a randomized controlled trial. <i>Trials</i> , 2018 , 19, 297	2.8	7
33	Screening swabs surpass traditional risk factors as predictors of MRSA bacteremia. <i>BMC Infectious Diseases</i> , 2018 , 18, 270	4	6
32	MRSA colonization status as a predictor of clinical infection: A systematic review and meta-analysis. <i>Journal of Infection</i> , 2018 , 77, 489-495	18.9	10
31	Causing Bilateral Pneumosepsis in an Immunocompetent Adult: A Case Report and Literature Review. <i>Canadian Journal of Hospital Pharmacy</i> , 2018 , 71, 208-210	0.5	1
30	1548. Risk of Severe Herpes Zoster (HZ) in Allogeneic Hematopoietic-Cell Transplantation (HCT) Recipients. <i>Open Forum Infectious Diseases</i> , 2018 , 5, S480-S481	1	78
29	1140. GATA2 Mutations Are Frequently Identified Among Patients With Myeloid Malignancies Who Develop Invasive Aspergillosis. <i>Open Forum Infectious Diseases</i> , 2018 , 5, S342-S342	1	78
28	1576. Risk of Clinical Tuberculosis (TB) Among Patients with Latent TB Infection (LTBI) Who Undergo Allogeneic Hematopoietic-Cell Transplantation (HCT). <i>Open Forum Infectious Diseases</i> , 2018 , 5, S492-S492	1	78

27	1130. Low Risk of Pneumocystis jiroveci Pneumonia in Patients With Waldenström Macroglobulinemia on Ibrutinib. <i>Open Forum Infectious Diseases</i> , 2018 , 5, S338-S339	1	78
26	2399. β-Lactam Therapy for Potential AmpC-Producing Organisms: A Cohort Study and an Updated Systematic Review and Meta-Analysis. <i>Open Forum Infectious Diseases</i> , 2018 , 5, S716-S716	1	78
25	Imported pulmonary melioidosis in Québec, Canada. <i>Jammi</i> , 2018 , 3, 108-113	1.4	
24	Authors' Response. <i>Journal of Thoracic Oncology</i> , 2018 , 13, e237	8.9	
23	Predictive factors of Clostridioides difficile infection in hospitalized patients with new diarrhea: A retrospective cohort study. <i>PLoS ONE</i> , 2018 , 13, e0207128	3.7	1
22	Antiviral prophylaxis for cytomegalovirus infection in allogeneic hematopoietic cell transplantation. <i>Blood Advances</i> , 2018 , 2, 2159-2175	7.8	58
21	Safety and immunogenicity of conjugate quadrivalent meningococcal vaccination after hematopoietic cell transplantation. <i>Blood Advances</i> , 2018 , 2, 1272-1276	7.8	4
20	Reply to Dobler. <i>Clinical Infectious Diseases</i> , 2017 , 65, 1423-1424	11.6	
19	Cross-Reacting Ustilago maydis Causing False-Positive Cryptococcal Antigen Test Results. <i>Journal of Clinical Microbiology</i> , 2017 , 55, 3135-3137	9.7	4
18	A 63-year-old man with invasive amoebiasis mimicking pulmonary tuberculosis. <i>Jammi</i> , 2017 , 2, 41-45	1.4	
17	Risk of Active Tuberculosis in Patients with Cancer: A Systematic Review and Meta-Analysis. <i>Clinical Infectious Diseases</i> , 2017 , 64, 635-644	11.6	54
16	Efficacy of Oral Vancomycin in Preventing Recurrent Clostridium difficile Infection in Patients Treated With Systemic Antimicrobial Agents. <i>Clinical Infectious Diseases</i> , 2016 , 63, 1391-1392	11.6	
15	Using MRSA Screening Tests To Predict Methicillin Resistance in Staphylococcus aureus Bacteremia. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 7444-7448	5.9	13
14	A case report of a deep surgical site infection with Terrisporobacter glycolicus/T. Mayombei and review of the literature. <i>BMC Infectious Diseases</i> , 2016 , 16, 529	4	28
13	Post-vaccination myositis and myocarditis in a previously healthy male. <i>Allergy, Asthma and Clinical Immunology</i> , 2016 , 12, 6	3.2	28
12	Microbial Biofilms in Pulmonary and Critical Care Diseases. <i>Annals of the American Thoracic Society</i> , 2016 , 13, 1615-23	4.7	44
11	Back to the Future: Penicillin-Susceptible Staphylococcus aureus. <i>American Journal of Medicine</i> , 2016 , 129, 1331-1333	2.4	25
10	Visual Hallucinations Associated with High Posaconazole Concentrations in Serum. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 1170-1	5.9	23

9	Using MRSA Screening Tests to Predict Methicillin Resistance in Staphylococcus aureus Bacteremia. <i>Open Forum Infectious Diseases</i> , 2016 , 3,	1	1
8	River otter bite in a 52-year-old woman: managing animal bites. <i>Cmaj</i> , 2016 , 188, E513-E516	3.5	
7	Management of severe malaria in the intensive care unit. <i>Critical Care Clinics</i> , 2013 , 29, 865-85	4.5	10
6	Is a lumbar puncture necessary when evaluating febrile infants (30 to 90 days of age) with an abnormal urinalysis?. <i>Pediatric Emergency Care</i> , 2011 , 27, 1057-61	1.4	21
5	Voriconazole inhibition of vitamin A metabolism: are adverse events increased in cystic fibrosis patients?. <i>Pediatric Pulmonology</i> , 2010 , 45, 661-6	3.5	18
4	Cell-free DNA Profiling Informs Major Complications of Hematopoietic Cell Transplantation		1
3	Global seroprevalence of SARS-CoV-2 antibodies: a systematic review and meta-analysis		9
2	Evaluation of a Commercial Culture-free Neutralization Antibody Detection Kit for Severe Acute Respiratory Syndrome-Related Coronavirus-2 and Comparison with an Anti-RBD ELISA Assay		3
1	Global epidemiology of SARS-CoV-2 infection: a systematic review and meta-analysis of standardized population-based seroprevalence studies, Jan 2020-Dec 2021		7