

# Louis Y A Chai

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

2,545  
citations

361296

20  
h-index

214721

47  
g-index

50  
all docs

50  
docs citations

50  
times ranked

5150  
citing authors

#	ARTICLE	IF	CITATIONS
1	Extrapulmonary manifestations and complications of severe acute respiratory syndrome coronavirus-2 infection: a systematic review. Singapore Medical Journal, 2023, 64, 349.	0.3	4
2	Virological and serological kinetics of SARS-CoV-2 Delta variant vaccine breakthrough infections: a multicentre cohort study. Clinical Microbiology and Infection, 2022, 28, 612.e1-612.e7.	2.8	231
3	Efficacy of covid-19 vaccines in immunocompromised patients: systematic review and meta-analysis. BMJ, The, 2022, 376, e068632.	3.0	253
4	Simple "Rule-of-6" Predicts Severe Coronavirus Disease 2019 (COVID-19). Clinical Infectious Diseases, 2021, 72, 1861-1862.	2.9	4
5	Range of Varicella Zoster Co-Infections with COVID-19, Singapore. Infection and Chemotherapy, 2021, 53, 391.	1.0	7
6	Clinical features and predictors of severity in COVID-19 patients with critical illness in Singapore. Scientific Reports, 2021, 11, 7477.	1.6	16
7	Cost-Effectiveness of Serum Galactomannan Surveillance during Mould-Active Antifungal Prophylaxis. Journal of Fungi (Basel, Switzerland), 2021, 7, 417.	1.5	1
8	The Divergent Immunomodulatory Effects of Short Chain Fatty Acids and Medium Chain Fatty Acids. International Journal of Molecular Sciences, 2021, 22, 6453.	1.8	30
9	Update on Non-Culture-Based Diagnostics for Invasive Fungal Disease. Mycopathologia, 2021, 186, 575-582.	1.3	3
10	Tocilizumab Induces IL-10-Mediated Immune Tolerance in Invasive Candidiasis. Journal of Fungi (Basel, Switzerland), 2021, 7, 417.	1.5	3
11	A Novel X-Linked Inhibitor of Apoptosis Deficient Variant Showing Attenuated Epstein-Barr Virus Response. Journal of the Pediatric Infectious Diseases Society, 2021, 10, 345-348.	0.6	3
12	Four Patients with COVID-19 and Tuberculosis, Singapore, April–May 2020. Emerging Infectious Diseases, 2020, 26, 2763-2765.	2.0	36
13	Using Expanded Natural Killer Cells as Therapy for Invasive Aspergillosis. Journal of Fungi (Basel, Switzerland), 2021, 7, 417.	1.5	9
14	Lactobacillus Plantarum 108 Inhibits Streptococcus mutans and Candida albicans Mixed-Species Biofilm Formation. Antibiotics, 2020, 9, 478.	1.5	22
15	Modelling lockdown and exit strategies for COVID-19 in Singapore. The Lancet Regional Health - Western Pacific, 2020, 1, 100004.	1.3	57
16	Effects of a major deletion in the SARS-CoV-2 genome on the severity of infection and the inflammatory response: an observational cohort study. Lancet, The, 2020, 396, 603-611.	6.3	394
17	The costs of an expanded screening criteria for COVID-19: A modelling study. International Journal of Infectious Diseases, 2020, 100, 490-496.	1.5	13
18	Responding to COVID-19: how an academic infectious diseases division mobilized in Singapore. BMC Medicine, 2020, 18, 179.	2.3	7

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19	Glycolysis and Oxidative Phosphorylation Play Critical Roles in Natural Killer Cell Receptor-Mediated Natural Killer Cell Functions. <i>Frontiers in Immunology</i> , 2020, 11, 202.	2.2	69
20	Metagenome-wide association analysis identifies microbial determinants of post-antibiotic ecological recovery in the gut. <i>Nature Ecology and Evolution</i> , 2020, 4, 1256-1267.	3.4	98
21	A Mortality Prediction Rule for Hematology Patients with Invasive Aspergillosis Based on Serum Galactomannan Kinetics. <i>Journal of Clinical Medicine</i> , 2020, 9, 610.	1.0	10
22	When to Test for Anti-Interferon- $\beta$ Autoantibody?. <i>Clinical Infectious Diseases</i> , 2020, 71, e199-e199.	2.9	3
23	72. Remdesivir vs Standard Care in Patients with Moderate covid-19. <i>Open Forum Infectious Diseases</i> , 2020, 7, S166-S167.	0.4	1
24	Juvenile-Onset Immunodeficiency Secondary to Anti-Interferon-Gamma Autoantibodies. <i>Journal of Clinical Immunology</i> , 2019, 39, 512-518.	2.0	18
25	Antibody neutralization of microbiota-derived circulating peptidoglycan dampens inflammation and ameliorates autoimmunity. <i>Nature Microbiology</i> , 2019, 4, 766-773.	5.9	72
26	Neutrophils differentially attenuate immune response to <i>Aspergillus</i> infection through complement receptor 3 and induction of myeloperoxidase. <i>Cellular Microbiology</i> , 2018, 20, e12798.	1.1	6
27	Earth, wind, rain, and melioidosis. <i>Lancet Planetary Health</i> , The, 2018, 2, e329-e330.	5.1	5
28	Melioidosis in Singapore: Clinical, Veterinary, and Environmental Perspectives. <i>Tropical Medicine and Infectious Disease</i> , 2018, 3, 31.	0.9	17
29	Evaluation of a risk-guided strategy for empirical carbapenem use in febrile neutropenia. <i>International Journal of Antimicrobial Agents</i> , 2018, 52, 350-357.	1.1	5
30	Immunomodulation as Therapy for Fungal Infection: Are We Closer?. <i>Frontiers in Microbiology</i> , 2018, 9, 1612.	1.5	43
31	The Fungal Mycobiome and Its Interaction with Gut Bacteria in the Host. <i>International Journal of Molecular Sciences</i> , 2017, 18, 330.	1.8	180
32	Neutralizing Anti-Interferon-Gamma Autoantibody Levels May Not Correlate With Clinical Course of Disease. <i>Clinical Infectious Diseases</i> , 2016, 63, 572-573.	2.9	10
33	Network Meta-analysis and Pharmacoeconomic Evaluation of Fluconazole, Itraconazole, Posaconazole, and Voriconazole in Invasive Fungal Infection Prophylaxis. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 376-386.	1.4	45
34	Reply to: Yildirim B, Biteker FS. Forgotten Predictors of Prosthetic Valve Endocarditis. <i>Heart Lung Circ</i> . 2015; <i>Heart Lung and Circulation</i> , 2016, 25, 413.	0.2	0
35	Necrotizing Fasciitis in Hematological Patients: Enterobacteriaceae Predominance and Limited Utility of Laboratory Risk Indicator for Necrotizing Fasciitis Score. <i>Open Forum Infectious Diseases</i> , 2015, 2, ofv081.	0.4	15
36	Optimizing Outcomes in Immunocompromised Hosts: Understanding the Role of Immunotherapy in Invasive Fungal Diseases. <i>Frontiers in Microbiology</i> , 2015, 6, 1322.	1.5	43

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37	Bimodal Influence of Vitamin D in Host Response to Systemic <i>Candida</i> Infection – Vitamin D Dose Matters. <i>Journal of Infectious Diseases</i> , 2015, 212, 635-644.	1.9	26
38	Predictors of In-hospital Adverse Events in Patients with Prosthetic Valve Infective Endocarditis. <i>Heart Lung and Circulation</i> , 2015, 24, 705-709.	0.2	12
39	Sulphonylurea Usage in Melioidosis Is Associated with Severe Disease and Suppressed Immune Response. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2795.	1.3	10
40	Voriconazole or Amphotericin B as Primary Therapy Yields Distinct Early Serum Galactomannan Trends Related to Outcomes in Invasive Aspergillosis. <i>PLoS ONE</i> , 2014, 9, e90176.	1.1	18
41	An elevated pro-inflammatory cytokine response is linked to development of amphotericin B-induced nephrotoxicity. <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 1655-1659.	1.3	20
42	Early Serum Galactomannan Trend as a Predictor of Outcome of Invasive Aspergillosis. <i>Journal of Clinical Microbiology</i> , 2012, 50, 2330-2336.	1.8	74
43	Immune response to <i>Aspergillus fumigatus</i> in compromised hosts: from bedside to bench. <i>Future Microbiology</i> , 2011, 6, 73-83.	1.0	15
44	<i>Aspergillus fumigatus</i> cell wall components differentially modulate host TLR2 and TLR4 responses. <i>Microbes and Infection</i> , 2011, 13, 151-159.	1.0	93
45	The Y238X Stop Codon Polymorphism in the Human $\beta$ -Glucan Receptor Dectin-1 and Susceptibility to Invasive Aspergillosis. <i>Journal of Infectious Diseases</i> , 2011, 203, 736-743.	1.9	111
46	<i>Candida tropicalis</i> in human disease. <i>Critical Reviews in Microbiology</i> , 2010, 36, 282-298.	2.7	96
47	Anti- <i>Aspergillus</i> human host defence relies on type 1 T helper (Th1), rather than type 17 T helper (Th17), cellular immunity. <i>Immunology</i> , 2010, 130, 46-54.	2.0	115
48	<i>Aspergillus fumigatus</i> Conidial Melanin Modulates Host Cytokine Response. <i>Immunobiology</i> , 2010, 215, 915-920.	0.8	119
49	Modulation of Toll-Like Receptor 2 (TLR2) and TLR4 Responses by <i>Aspergillus fumigatus</i> . <i>Infection and Immunity</i> , 2009, 77, 2184-2192.	1.0	100
50	A prospective cohort study on the impact of a modified Basic Military Training (mBMT) programme based on pre-enlistment fitness stratification amongst Asian military enlistees. <i>Annals of the Academy of Medicine, Singapore</i> , 2009, 38, 862-8.	0.2	3