Louis Y A Chai

List of Publications by Year
in descending order

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50	2,545	361413 20	214800 47
papers	citations	h-index	g-index

50	50	50	5150
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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.	13.7	394
2	Efficacy of covid-19 vaccines in immunocompromised patients: systematic review and meta-analysis. BMJ, The, 2022, 376, e068632.	6.0	253
3	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.	6.0	231
4	The Fungal Mycobiome and Its Interaction with Gut Bacteria in the Host. International Journal of Molecular Sciences, 2017, 18, 330.	4.1	180
5	Aspergillus fumigatus Conidial Melanin Modulates Host Cytokine Response. Immunobiology, 2010, 215, 915-920.	1.9	119
6	Antiâ€Aspergillus human host defence relies on type 1 T helper (Th1), rather than type 17 T helper (Th17), cellular immunity. Immunology, 2010, 130, 46-54.	4.4	115
7	The Y238X Stop Codon Polymorphism in the Human Î²-Glucan Receptor Dectin-1 and Susceptibility to Invasive Aspergillosis. Journal of Infectious Diseases, 2011, 203, 736-743.	4.0	111
8	Modulation of Toll-Like Receptor 2 (TLR2) and TLR4 Responses byAspergillus fumigatus. Infection and Immunity, 2009, 77, 2184-2192.	2.2	100
9	Metagenome-wide association analysis identifies microbial determinants of post-antibiotic ecological recovery in the gut. Nature Ecology and Evolution, 2020, 4, 1256-1267.	7.8	98
10	Candida tropicalisin human disease. Critical Reviews in Microbiology, 2010, 36, 282-298.	6.1	96
11	Aspergillus fumigatus cell wall components differentially modulate host TLR2 and TLR4 responses. Microbes and Infection, 2011, 13, 151-159.	1.9	93
12	Early Serum Galactomannan Trend as a Predictor of Outcome of Invasive Aspergillosis. Journal of Clinical Microbiology, 2012, 50, 2330-2336.	3.9	74
13	Antibody neutralization of microbiota-derived circulating peptidoglycan dampens inflammation and ameliorates autoimmunity. Nature Microbiology, 2019, 4, 766-773.	13.3	72
14	Glycolysis and Oxidative Phosphorylation Play Critical Roles in Natural Killer Cell Receptor-Mediated Natural Killer Cell Functions. Frontiers in Immunology, 2020, 11, 202.	4.8	69
15	Modelling lockdown and exit strategies for COVID-19 in Singapore. The Lancet Regional Health - Western Pacific, 2020, 1, 100004.	2.9	57
16	Network Meta-analysis and Pharmacoeconomic Evaluation of Fluconazole, Itraconazole, Posaconazole, and Voriconazole in Invasive Fungal Infection Prophylaxis. Antimicrobial Agents and Chemotherapy, 2016, 60, 376-386.	3.2	45
17	Optimizing Outcomes in Immunocompromised Hosts: Understanding the Role of Immunotherapy in Invasive Fungal Diseases. Frontiers in Microbiology, 2015, 6, 1322.	3.5	43
18	Immunomodulation as Therapy for Fungal Infection: Are We Closer?. Frontiers in Microbiology, 2018, 9, 1612.	3.5	43

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19	Four Patients with COVID-19 and Tuberculosis, Singapore, Aprilâ€“May 2020. Emerging Infectious Diseases, 2020, 26, 2763-2765.	4.3	36
20	The Divergent Immunomodulatory Effects of Short Chain Fatty Acids and Medium Chain Fatty Acids. International Journal of Molecular Sciences, 2021, 22, 6453.	4.1	30
21	Bimodal Influence of Vitamin D in Host Response to SystemicCandidaInfectionâ€”Vitamin D Dose Matters. Journal of Infectious Diseases, 2015, 212, 635-644.	4.0	26
22	Lactobacillus Plantarum 108 Inhibits Streptococcus mutans and Candida albicans Mixed-Species Biofilm Formation. Antibiotics, 2020, 9, 478.	3.7	22
23	An elevated pro-inflammatory cytokine response is linked to development of amphotericin B-induced nephrotoxicity. Journal of Antimicrobial Chemotherapy, 2013, 68, 1655-1659.	3.0	20
24	Voriconazole or Amphotericin B as Primary Therapy Yields Distinct Early Serum Galactomannan Trends Related to Outcomes in Invasive Aspergillosis. PLoS ONE, 2014, 9, e90176.	2.5	18
25	Juvenile-Onset Immunodeficiency Secondary to Anti-Interferon-Gamma Autoantibodies. Journal of Clinical Immunology, 2019, 39, 512-518.	3.8	18
26	Melioidosis in Singapore: Clinical, Veterinary, and Environmental Perspectives. Tropical Medicine and Infectious Disease, 2018, 3, 31.	2.3	17
27	Clinical features and predictors of severity in COVID-19 patients with critical illness in Singapore. Scientific Reports, 2021, 11, 7477.	3.3	16
28	Immune response toAspergillus fumigatusin compromised hosts: from bedside to bench. Future Microbiology, 2011, 6, 73-83.	2.0	15
29	Necrotizing Fasciitis in Hematological Patients: Enterobacteriaceae Predominance and Limited Utility of Laboratory Risk Indicator for Necrotizing Fasciitis Score. Open Forum Infectious Diseases, 2015, 2, ofv081.	0.9	15
30	The costs of an expanded screening criteria for COVID-19: A modelling study. International Journal of Infectious Diseases, 2020, 100, 490-496.	3.3	13
31	Predictors of In-hospital Adverse Events in Patients with Prosthetic Valve Infective Endocarditis. Heart Lung and Circulation, 2015, 24, 705-709.	0.4	12
32	Sulphonylurea Usage in Melioidosis Is Associated with Severe Disease and Suppressed Immune Response. PLoS Neglected Tropical Diseases, 2014, 8, e2795.	3.0	10
33	Neutralizing Anti-Interferon-Gamma Autoantibody Levels May Not Correlate With Clinical Course of Disease. Clinical Infectious Diseases, 2016, 63, 572-573.	5.8	10
34	A Mortality Prediction Rule for Hematology Patients with Invasive Aspergillosis Based on Serum Galactomannan Kinetics. Journal of Clinical Medicine, 2020, 9, 610.	2.4	10
35	Using Expanded Natural Killer Cells as Therapy for Invasive Aspergillosis. Journal of Fungi (Basel,) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.5	9
36	Responding to COVID-19: how an academic infectious diseases division mobilized in Singapore. BMC Medicine, 2020, 18, 179.	5.5	7

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37	Range of Varicella Zoster Co-Infections with COVID-19, Singapore. Infection and Chemotherapy, 2021, 53, 391.	2.3	7
38	Neutrophils differentially attenuate immune response toAspergillusinfection through complement receptor 3 and induction of myeloperoxidase. Cellular Microbiology, 2018, 20, e12798.	2.1	6
39	Earth, wind, rain, and melioidosis. Lancet Planetary Health, The, 2018, 2, e329-e330.	11.4	5
40	Evaluation of a risk-guided strategy for empirical carbapenem use in febrile neutropenia. International Journal of Antimicrobial Agents, 2018, 52, 350-357.	2.5	5
41	Simple â€œRule-of-6â€•Predicts Severe Coronavirus Disease 2019 (COVID-19). Clinical Infectious Diseases, 2021, 72, 1861-1862.	5.8	4
42	Extrapulmonary manifestations and complications of severe acute respiratory syndrome coronavirus-2 infection: a systematic review. Singapore Medical Journal, 2023, 64, 349.	0.6	4
43	When to Test for Antiâ€“Interferon-Î³ Autoantibody?. Clinical Infectious Diseases, 2020, 71, e199-e199.	5.8	3
44	Update on Non-Culture-Based Diagnostics for Invasive Fungal Disease. Mycopathologia, 2021, 186, 575-582.	3.1	3
45	Tocilizumab Induces IL-10-Mediated Immune Tolerance in Invasive Candidiasis. Journal of Fungi (Basel,) Tj ETQq1 1 0.784314 rgBT /Ov	3.5	3
46	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.	1.3	3
47	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. Annals of the Academy of Medicine, Singapore, 2009, 38, 862-8.	0.4	3
48	Cost-Effectiveness of Serum Galactomannan Surveillance during Mould-Active Antifungal Prophylaxis. Journal of Fungi (Basel, Switzerland), 2021, 7, 417.	3.5	1
49	72. Remdesivir vs Standard Care in Patients with Moderate covid-19. Open Forum Infectious Diseases, 2020, 7, S166-S167.	0.9	1
50	Reply to: â€œYildirim B, Biteker FS. Forgotten Predictors of Prosthetic Valve Endocarditis. Heart Lung Circ. 2015â€• Heart Lung and Circulation, 2016, 25, 413.	0.4	0