

Shirin Kalimuddin

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

8,508
citations

201575

27
h-index

143943

57
g-index

69
all docs

69
docs citations

69
times ranked

18330
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2-specific T cell immunity in cases of COVID-19 and SARS, and uninfected controls. <i>Nature</i> , 2020, 584, 457-462.	13.7	1,744
2	Epidemiologic Features and Clinical Course of Patients Infected With SARS-CoV-2 in Singapore. <i>JAMA - Journal of the American Medical Association</i> , 2020, 323, 1488.	3.8	1,700
3	Early induction of functional SARS-CoV-2-specific T cells associates with rapid viral clearance and mild disease in COVID-19 patients. <i>Cell Reports</i> , 2021, 34, 108728.	2.9	568
4	Investigation of three clusters of COVID-19 in Singapore: implications for surveillance and response measures. <i>Lancet, The</i> , 2020, 395, 1039-1046.	6.3	561
5	Effects of a major deletion in the SARS-CoV-2 genome on the severity of infection and the inflammatory response: an observational cohort study. <i>Lancet, The</i> , 2020, 396, 603-611.	6.3	394
6	Two linear epitopes on the SARS-CoV-2 spike protein that elicit neutralising antibodies in COVID-19 patients. <i>Nature Communications</i> , 2020, 11, 2806.	5.8	362
7	A Dynamic Immune Response Shapes COVID-19 Progression. <i>Cell Host and Microbe</i> , 2020, 27, 879-882.e2.	5.1	271
8	Highly functional virus-specific cellular immune response in asymptomatic SARS-CoV-2 infection. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	259
9	Discovery and Genomic Characterization of a 382-Nucleotide Deletion in ORF7b and ORF8 during the Early Evolution of SARS-CoV-2. <i>MBio</i> , 2020, 11, .	1.8	245
10	Virological and serological kinetics of SARS-CoV-2 Delta variant vaccine breakthrough infections: a multicentre cohort study. <i>Clinical Microbiology and Infection</i> , 2022, 28, 612.e1-612.e7.	2.8	231
11	Population genomics of hypervirulent <i>Klebsiella pneumoniae</i> clonal-group 23 reveals early emergence and rapid global dissemination. <i>Nature Communications</i> , 2018, 9, 2703.	5.8	205
12	Cohort study to evaluate the effect of vitamin D, magnesium, and vitamin B12 in combination on progression to severe outcomes in older patients with coronavirus (COVID-19). <i>Nutrition</i> , 2020, 79-80, 111017.	1.1	190
13	Effect of Vancomycin or Daptomycin With vs Without an Antistaphylococcal β -Lactam on Mortality, Bacteremia, Relapse, or Treatment Failure in Patients With MRSA Bacteremia. <i>JAMA - Journal of the American Medical Association</i> , 2020, 323, 527.	3.8	169
14	Rapid Progression to Acute Respiratory Distress Syndrome: Review of Current Understanding of Critical Illness from Coronavirus Disease 2019 (COVID-19) Infection. <i>Annals of the Academy of Medicine, Singapore</i> , 2020, 49, 108-118.	0.2	167
15	Early T _H cell and binding antibody responses are associated with COVID-19 RNA vaccine efficacy onset. <i>Med</i> , 2021, 2, 682-688.e4.	2.2	152
16	Viral Dynamics and Immune Correlates of Coronavirus Disease 2019 (COVID-19) Severity. <i>Clinical Infectious Diseases</i> , 2021, 73, e2932-e2942.	2.9	143
17	Linear B-cell epitopes in the spike and nucleocapsid proteins as markers of SARS-CoV-2 exposure and disease severity. <i>EBioMedicine</i> , 2020, 58, 102911.	2.7	120
18	A single dose of self-transcribing and replicating RNA-based SARS-CoV-2 vaccine produces protective adaptive immunity in mice. <i>Molecular Therapy</i> , 2021, 29, 1970-1983.	3.7	111

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19	Residual SARS-CoV-2 viral antigens detected in GI and hepatic tissues from five recovered patients with COVID-19. <i>Gut</i> , 2022, 71, 226-229.	6.1	109
20	Differential host susceptibility and bacterial virulence factors driving <i>Klebsiella</i> liver abscess in an ethnically diverse population. <i>Scientific Reports</i> , 2016, 6, 29316.	1.6	87
21	2015 Epidemic of Severe <i>Streptococcus agalactiae</i> Sequence Type 283 Infections in Singapore Associated With the Consumption of Raw Freshwater Fish: A Detailed Analysis of Clinical, Epidemiological, and Bacterial Sequencing Data. <i>Clinical Infectious Diseases</i> , 2017, 64, S145-S152.	2.9	80
22	Meropenem Versus Piperacillin-Tazobactam for Definitive Treatment of Bloodstream Infections Caused by AmpC β -Lactamase-Producing <i>Enterobacter</i> spp, <i>Citrobacter freundii</i> , <i>Morganella morganii</i> , <i>Providencia</i> spp, or <i>Serratia marcescens</i> : A Pilot Multicenter Randomized Controlled Trial (MERINO-2). <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab387.	0.4	42
23	Sensitive detection of total anti-Spike antibodies and isotype switching in asymptomatic and symptomatic individuals with COVID-19. <i>Cell Reports Medicine</i> , 2021, 2, 100193.	3.3	37
24	Asymptomatic COVID-19: disease tolerance with efficient anti-viral immunity against SARS-CoV-2. <i>EMBO Molecular Medicine</i> , 2021, 13, e14045.	3.3	36
25	Safety and immunogenicity of a single dose of a tetravalent dengue vaccine with two different serotype-2 potencies in adults in Singapore: A phase 2, double-blind, randomised, controlled trial. <i>Vaccine</i> , 2020, 38, 1513-1519.	1.7	32
26	A phase II randomized study to determine the safety and immunogenicity of the novel PIKA rabies vaccine containing the PIKA adjuvant using an accelerated regimen. <i>Vaccine</i> , 2017, 35, 7127-7132.	1.7	30
27	Validation of self-collected buccal swab and saliva as a diagnostic tool for COVID-19. <i>International Journal of Infectious Diseases</i> , 2021, 104, 255-261.	1.5	30
28	Gut Ruminococcaceae levels at baseline correlate with risk of antibiotic-associated diarrhea. <i>IScience</i> , 2022, 25, 103644.	1.9	28
29	Bioaerosol Sampling in Clinical Settings: A Promising, Noninvasive Approach for Detecting Respiratory Viruses. <i>Open Forum Infectious Diseases</i> , 2017, 4, ofw259.	0.4	26
30	Oral vs Intravenous Antibiotics for Patients With <i>Klebsiella pneumoniae</i> Liver Abscess: A Randomized, Controlled Noninferiority Study. <i>Clinical Infectious Diseases</i> , 2020, 71, 952-959.	2.9	26
31	Pregnancy Outcomes in COVID-19: A Prospective Cohort Study in Singapore. <i>Annals of the Academy of Medicine, Singapore</i> , 2020, 49, 857-869.	0.2	25
32	^{18}F -FDG as an inflammation biomarker for imaging dengue virus infection and treatment response. <i>JCI Insight</i> , 2017, 2, .	2.3	24
33	Comparison of Diabetic and Non-diabetic Human Leukocytic Responses to Different Capsule Types of <i>Klebsiella pneumoniae</i> Responsible for Causing Pyogenic Liver Abscess. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 401.	1.8	22
34	Adverse effects following anti-COVID-19 vaccination with mRNA-based BNT162b2 are alleviated by altering the route of administration and correlate with baseline enrichment of T and NK cell genes. <i>PLoS Biology</i> , 2022, 20, e3001643.	2.6	22
35	Phase 1 Trial of a Therapeutic Anti-Yellow Fever Virus Human Antibody. <i>New England Journal of Medicine</i> , 2020, 383, 452-459.	13.9	21
36	Temporal dynamics of the host molecular responses underlying severe COVID-19 progression and disease resolution. <i>EBioMedicine</i> , 2021, 65, 103262.	2.7	21

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37	Association of SARS-CoV-2 clades with clinical, inflammatory and virologic outcomes: An observational study. <i>EBioMedicine</i> , 2021, 66, 103319.	2.7	21
38	The higher prevalence of extended spectrum beta-lactamases among <i>Escherichia coli</i> ST131 in Southeast Asia is driven by expansion of a single, locally prevalent subclone. <i>Scientific Reports</i> , 2019, 9, 13245.	1.6	18
39	Successful clearance of human parainfluenza virus type 2 viraemia with intravenous ribavirin and immunoglobulin in a patient with acute myocarditis. <i>Journal of Clinical Virology</i> , 2013, 56, 37-40.	1.6	17
40	Clinical features and predictors of severity in COVID-19 patients with critical illness in Singapore. <i>Scientific Reports</i> , 2021, 11, 7477.	1.6	16
41	Robust Virus-Specific Adaptive Immunity in COVID-19 Patients with SARS-CoV-2 Δ 382 Variant Infection. <i>Journal of Clinical Immunology</i> , 2022, 42, 214-229.	2.0	15
42	Pregnancy Outcomes in COVID-19: A Prospective Cohort Study in Singapore. <i>Annals of the Academy of Medicine, Singapore</i> , 2020, 49, 857-869.	0.2	15
43	Adenoviral Infections in Singapore: Should New Antiviral Therapies and Vaccines Be Adopted?. <i>Journal of Infectious Diseases</i> , 2019, 221, 566-577.	1.9	13
44	Monitoring for Airborne Respiratory Viruses in a General Pediatric Ward in Singapore. <i>Journal of Public Health Research</i> , 2019, 8, jphr.2019.1407.	0.5	12
45	Hidden health risks of the Hajj—A report of two cases of brucellosis contracted by pilgrims during the Hajj. <i>Scandinavian Journal of Infectious Diseases</i> , 2010, 42, 228-230.	1.5	11
46	A randomized phase 2B trial of vancomycin versus daptomycin for the treatment of methicillin-resistant <i>Staphylococcus aureus</i> bacteremia due to isolates with high vancomycin minimum inhibitory concentrations: “ results of a prematurely terminated study. <i>Trials</i> , 2018, 19, 305.	0.7	8
47	Differential Cytokine Responses in Hospitalized COVID-19 Patients Limit Efficacy of Remdesivir. <i>Frontiers in Immunology</i> , 2021, 12, 680188.	2.2	8
48	Data-Driven Analysis of COVID-19 Reveals Persistent Immune Abnormalities in Convalescent Severe Individuals. <i>Frontiers in Immunology</i> , 2021, 12, 710217.	2.2	8
49	A retrospective review of a tertiary Hospital’s isolation and de-isolation policy for suspected pulmonary tuberculosis. <i>BMC Infectious Diseases</i> , 2014, 14, 547.	1.3	6
50	Impact of an alternating first-line antibiotics strategy in febrile neutropenia. <i>PLoS ONE</i> , 2018, 13, e0208039.	1.1	4
51	¹⁸ F-fluorodeoxyglucose positron emission tomography as a window into human dengue pathophysiology. <i>Antiviral Research</i> , 2021, 185, 104991.	1.9	4
52	Stool metagenome analysis of patients with <i>Klebsiella pneumoniae</i> liver abscess and their domestic partners. <i>International Journal of Infectious Diseases</i> , 2021, 107, 1-4.	1.5	4
53	Post-hospitalization venous thromboembolism in COVID-19 patients: Evidence against routine post-hospitalization prophylactic anticoagulation. <i>International Journal of Laboratory Hematology</i> , 2022, 44, .	0.7	3
54	Cefazolin versus ceftriaxone as definitive treatment for <i>Klebsiella pneumoniae</i> bacteraemia: a retrospective multicentre study in Singapore. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 1303-1310.	1.3	2

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55	557. Impact of Concomitant Hydroxychloroquine Use on Safety and Efficacy of Remdesivir in Moderate COVID-19 Patients. Open Forum Infectious Diseases, 2020, 7, S343-S344.	0.4	2
56	Acute acalculous cholecystitis in dengue fever: a case series. Singapore Medical Journal, 2021, , .	0.3	1
57	2505. A Novel Mobile Phone Application for Remote Research Data Collection is Effective in Monitoring Chronic Sequelae After Acute Viral Infections. Open Forum Infectious Diseases, 2018, 5, S753-S753.	0.4	0
58	Rare case of enterocolitis. ANZ Journal of Surgery, 2019, 89, 1525-1525.	0.3	0
59	An unusual case of dengue fever in aneurysmal subarachnoid haemorrhage: diagnosis and management nuances. British Journal of Neurosurgery, 2021, , 1-4.	0.4	0
60	626â€¦Dissecting the spatial heterogeneity of SARS-CoV-2-infected tumour microenvironment reveals a lymphocyte-dominant immune response in a HBV-associated HCC patient with COVID-19 history. , 2021, 9, A656-A656.		0
61	Dengue Disease Modelling and Forecasting: Utility and Limitations. Annals of the Academy of Medicine, Singapore, 2016, 45, 121-2.	0.2	0
62	Reply to "Use of Prediction Models for Risk Analysis and Decision-Making in Public Health-The Catch-22 Conundrum". Annals of the Academy of Medicine, Singapore, 2016, 45, 367-8.	0.2	0