

Kalisvar Marimuthu

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

6,783
citations

218677

26
h-index

114465

63
g-index

68
all docs

68
docs citations

68
times ranked

12962
citing authors

#	ARTICLE	IF	CITATIONS
1	Transmission modes of severe acute respiratory syndrome coronavirus 2 and implications for infection control: a review. Singapore Medical Journal, 2022, 63, 61-67.	0.6	13
2	Clinical outcomes and bacterial characteristics of carbapenem-resistant <i>Klebsiella pneumoniae</i> complex among patients from different global regions (CRACKLE-2): a prospective, multicentre, cohort study. Lancet Infectious Diseases, The, 2022, 22, 401-412.	9.1	122
3	Virtual Infection Prevention and Control in Low- and Middle-Income Countries. International Journal of Infectious Diseases, 2022, 117, 93-96.	3.3	2
4	Predictors and Outcomes of Healthcare-Associated Infections Caused by Carbapenem-Nonsusceptible Enterobacterales: A Parallel Matched Case-Control Study. Frontiers in Cellular and Infection Microbiology, 2022, 12, 719421.	3.9	3
5	Population-based variations of a core resistome revealed by urban sewage metagenome surveillance. Environment International, 2022, 163, 107185.	10.0	19
6	Whole genome sequencing reveals hidden transmission of carbapenemase-producing Enterobacterales. Nature Communications, 2022, 13, .	12.8	16
7	Vaccine-associated Rubella – a report of two cases and a review of the literature. Human Vaccines and Immunotherapeutics, 2021, 17, 224-227.	3.3	6
8	Environmental contamination in a coronavirus disease 2019 (COVID-19) intensive care unit – What is the risk?. Infection Control and Hospital Epidemiology, 2021, 42, 669-677.	1.8	33
9	SARS-CoV-2 seroprevalence and transmission risk factors among high-risk close contacts: a retrospective cohort study. Lancet Infectious Diseases, The, 2021, 21, 333-343.	9.1	183
10	Household transmission of carbapenemase-producing Enterobacteriaceae: a prospective cohort study. Journal of Antimicrobial Chemotherapy, 2021, 76, 1299-1302.	3.0	3
11	Lack of viable severe acute respiratory coronavirus virus 2 (SARS-CoV-2) among PCR-positive air samples from hospital rooms and community isolation facilities. Infection Control and Hospital Epidemiology, 2021, 42, 1327-1332.	1.8	26
12	Antimicrobial Effect of a Novel Chitosan Derivative and Its Synergistic Effect with Antibiotics. ACS Applied Materials & Interfaces, 2021, 13, 3237-3245.	8.0	57
13	Estimating the excess bed days and economic burden of healthcare-associated infections in Singapore public acute-care hospitals. Infection Control and Hospital Epidemiology, 2021, , 1-4.	1.8	4
14	Mixed-charge pseudo-zwitterionic copolymer brush as broad spectrum antibiofilm coating. Biomaterials, 2021, 273, 120794.	11.4	24
15	Nosocomial infections among COVID-19 patients: an analysis of intensive care unit surveillance data. Antimicrobial Resistance and Infection Control, 2021, 10, 119.	4.1	20
16	Risk assessment of airborne COVID-19 exposure in social settings. Physics of Fluids, 2021, 33, 087118.	4.0	19
17	Infection control for COVID-19: Theory and practice. International Journal of Antimicrobial Agents, 2021, 58, 21002570.	2.5	0
18	Identification of AbaR4 <i>Acinetobacter baumannii</i> resistance island in clinical isolates of <i>bla</i> _{OXA-23} -positive <i>Proteus mirabilis</i> . Journal of Antimicrobial Chemotherapy, 2020, 75, 521-525.	3.0	10

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19	Perceived challenges of COVID-19 infection prevention and control preparedness: A multinational survey. <i>Journal of Global Antimicrobial Resistance</i> , 2020, 22, 779-781.	2.2	17
20	Imported Monkeypox, Singapore. <i>Emerging Infectious Diseases</i> , 2020, 26, 1826-1830.	4.3	198
21	The impact of healthcare associated infections on mortality and length of stay in Singapore – A time-varying analysis. <i>Infection Control and Hospital Epidemiology</i> , 2020, 41, 1315-1320.	1.8	6
22	The Effect of Sample Site, Illness Duration, and the Presence of Pneumonia on the Detection of SARS-CoV-2 by Real-time Reverse Transcription PCR. <i>Open Forum Infectious Diseases</i> , 2020, 7, ofaa335.	0.9	19
23	Duration of Carbapenemase-Producing <i>Enterobacteriaceae</i> Carriage in Hospital Patients. <i>Emerging Infectious Diseases</i> , 2020, 26, 2182-2185.	4.3	13
24	Not sick enough to worry? "Influenza-like" symptoms and work-related behavior among healthcare workers and other professionals: Results of a global survey. <i>PLoS ONE</i> , 2020, 15, e0232168.	2.5	32
25	Detection of air and surface contamination by SARS-CoV-2 in hospital rooms of infected patients. <i>Nature Communications</i> , 2020, 11, 2800.	12.8	703
26	Cartography of opportunistic pathogens and antibiotic resistance genes in a tertiary hospital environment. <i>Nature Medicine</i> , 2020, 26, 941-951.	30.7	130
27	SARS-CoV-2 Infection among Travelers Returning from Wuhan, China. <i>New England Journal of Medicine</i> , 2020, 382, 1476-1478.	27.0	111
28	Epidemiological and Clinical Predictors of COVID-19. <i>Clinical Infectious Diseases</i> , 2020, 71, 786-792.	5.8	181
29	Absence of contamination of personal protective equipment (PPE) by severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2). <i>Infection Control and Hospital Epidemiology</i> , 2020, 41, 614-616.	1.8	59
30	Air, Surface Environmental, and Personal Protective Equipment Contamination by Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) From a Symptomatic Patient. <i>JAMA - Journal of the American Medical Association</i> , 2020, 323, 1610.	7.4	1,742
31	Acquisition of Plasmid with Carbapenem-Resistance Gene <i>bla</i> _{KPC2} in Hypervirulent <i>Klebsiella pneumoniae</i> , Singapore. <i>Emerging Infectious Diseases</i> , 2020, 26, 549-559.	4.3	39
32	De-isolating Coronavirus Disease 2019 Suspected Cases: A Continuing Challenge. <i>Clinical Infectious Diseases</i> , 2020, 71, 883-884.	5.8	35
33	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.	7.4	1,700
34	The role of hospital environment in transmissions of multidrug-resistant gram-negative organisms. <i>Antimicrobial Resistance and Infection Control</i> , 2020, 9, 29.	4.1	67
35	A Glycosylated Cationic Block Poly(ε-peptide) Reverses Intrinsic Antibiotic Resistance in All ESKAPE Gram-Negative Bacteria. <i>Angewandte Chemie</i> , 2020, 132, 6886-6893.	2.0	11
36	A Glycosylated Cationic Block Poly(ε-peptide) Reverses Intrinsic Antibiotic Resistance in All ESKAPE Gram-Negative Bacteria. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6819-6826.	13.8	63

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37	Designer broad-spectrum polyimidazolium antibiotics. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 31376-31385.	7.1	31
38	CPgeneProfiler: A lightweight R package to profile the Carbapenamase genes from genome assemblies. Journal of Open Source Software, 2020, 5, 2473.	4.6	0
39	Challenges in Identification of <i>Candida auris</i> in Hospital Laboratories: Comparison Between HIC and LMIC. Infection Control and Hospital Epidemiology, 2020, 41, s158-s158.	1.8	1
40	Antecedent Carbapenem Exposure as a Risk Factor for Non-Carbapenemase-Producing Carbapenem-Resistant Enterobacteriaceae and Carbapenemase-Producing Enterobacteriaceae. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	22
41	Hybrid metagenomic assembly enables high-resolution analysis of resistance determinants and mobile elements in human microbiomes. Nature Biotechnology, 2019, 37, 937-944.	17.5	216
42	A case of imported Monkeypox in Singapore. Lancet Infectious Diseases, The, 2019, 19, 1166.	9.1	114
43	Enantiomeric glycosylated cationic block co-beta-peptides eradicate <i>Staphylococcus aureus</i> biofilms and antibiotic-tolerant persisters. Nature Communications, 2019, 10, 4792.	12.8	88
44	<i>Klebsiella pneumoniae</i> and <i>Klebsiella quasipneumoniae</i> define the population structure of blaKPC-2 <i>Klebsiella</i> : a 5 year retrospective genomic study in Singapore. Journal of Antimicrobial Chemotherapy, 2019, 74, 3205-3210.	3.0	26
45	The global challenge of carbapenemases and the critical need for more data. International Journal of Infectious Diseases, 2019, 84, 141-142.	3.3	2
46	Challenge of drug resistance in <i>Pseudomonas aeruginosa</i> : clonal spread of NDM-1-positive ST-308 within a tertiary hospital. Journal of Antimicrobial Chemotherapy, 2019, 74, 2220-2224.	3.0	21
47	Effect of carbapenem resistance on outcomes of bloodstream infection caused by Enterobacteriaceae in low-income and middle-income countries (PANORAMA): a multinational prospective cohort study. Lancet Infectious Diseases, The, 2019, 19, 601-610.	9.1	130
48	Environmental colonization and onward clonal transmission of carbapenem-resistant <i>Acinetobacter baumannii</i> (CRAB) in a medical intensive care unit: the case for environmental hygiene. Antimicrobial Resistance and Infection Control, 2018, 7, 51.	4.1	26
49	Establishing the prevalence of healthcare-associated infections in Australian hospitals: protocol for the Comprehensive Healthcare Associated Infection National Surveillance (CHAINS) study. BMJ Open, 2018, 8, e024924.	1.9	6
50	An Outbreak of <i>Streptococcus pyogenes</i> in a Mental Health Facility: Advantage of Well-Timed Whole-Genome Sequencing Over emm Typing. Infection Control and Hospital Epidemiology, 2018, 39, 852-860.	1.8	13
51	Prevalence of Healthcare-Associated Infections and Antimicrobial Use Among Adult Inpatients in Singapore Acute-Care Hospitals: Results From the First National Point Prevalence Survey. Clinical Infectious Diseases, 2017, 64, S61-S67.	5.8	97
52	Clinical and Molecular Epidemiology of Carbapenem-Resistant Enterobacteriaceae Among Adult Inpatients in Singapore. Clinical Infectious Diseases, 2017, 64, S68-S75.	5.8	62
53	Global infection prevention and control priorities 2018–22: a call for action. The Lancet Global Health, 2017, 5, e1178-e1180.	6.3	79
54	Identifying Patients at High Risk for Carbapenem-Resistant Enterobacteriaceae at Admission: Nurse-Led or Doctor-Led?. Infection Control and Hospital Epidemiology, 2016, 37, 238-239.	1.8	7

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55	Tracking inter-institutional spread of NDM and identification of a novel NDM-positive plasmid, pSg1-NDM, using next-generation sequencing approaches. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 3081-3089.	3.0	33
56	Reactive Infection Control Strategy for Control of New Delhi Metallo- β -Lactamase (NDM)-Producing Enterobacteriaceae Analyzed Using Whole-Genome Sequencing: Hits and Misses. <i>Infection Control and Hospital Epidemiology</i> , 2016, 37, 987-990.	1.8	2
57	Local transmission and global dissemination of New Delhi Metallo-Beta-Lactamase (NDM): a whole genome analysis. <i>BMC Genomics</i> , 2016, 17, 452.	2.8	26
58	Epidemiology of <i>Staphylococcus aureus</i> Surgical Site Infections. <i>Surgical Infections</i> , 2016, 17, 229-235.	1.4	12
59	The Uncertain Benefits of Combination Therapy for <i>Clostridium difficile</i> Infection. <i>Clinical Infectious Diseases</i> , 2016, 62, 809.1-810.	5.8	3
60	Improved outcomes from HIV/TB co-infection in Singapore following a switch to earlier anti-retroviral therapy. <i>Journal of the International AIDS Society</i> , 2014, 17, 19624.	3.0	0
61	Screening for methicillin-resistant <i>Staphylococcus aureus</i> – all doors closed?. <i>Current Opinion in Infectious Diseases</i> , 2014, 27, 356-362.	3.1	6
62	Infection control measures to decrease the burden of antimicrobial resistance in the critical care setting. <i>Current Opinion in Critical Care</i> , 2014, 20, 499-506.	3.2	16
63	The effect of improved hand hygiene on nosocomial MRSA control. <i>Antimicrobial Resistance and Infection Control</i> , 2014, 3, 34.	4.1	43
64	First report of emergence of OXA-48 carbapenemase-producing Enterobacteriaceae in Singapore: Proactive or reactive infection control strategy?. <i>American Journal of Infection Control</i> , 2014, 42, 577-578.	2.3	7
65	Risk factors and treatment outcome of ertapenem non-susceptible enterobacteriaceae bacteraemia. <i>Journal of Infection</i> , 2013, 66, 294-296.	3.3	2
66	Draft Genome Sequence of a Multidrug-Resistant New Delhi Metallo- β -Lactamase-1 (NDM-1)-Producing <i>Escherichia coli</i> Isolate Obtained in Singapore. <i>Genome Announcements</i> , 2013, 1, .	0.8	5
67	Detection of air and surface contamination by SARS-CoV-2 in hospital rooms of infected patients. , 0, .		1