

# Oon Tek Ng

## List of Publications by Year in descending order

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77  
papers

6,604  
citations

245449

24  
h-index

86272

71  
g-index

84  
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84  
docs citations

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times ranked

15490  
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#	ARTICLE	IF	CITATIONS
1	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.	7.0	1,778
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.	7.0	1,737
3	Detection of air and surface contamination by SARS-CoV-2 in hospital rooms of infected patients. <i>Nature Communications</i> , 2020, 11, 2800.	13.2	731
4	Hybrid metagenomic assembly enables high-resolution analysis of resistance determinants and mobile elements in human microbiomes. <i>Nature Biotechnology</i> , 2019, 37, 937-944.	20.8	245
5	SARS-CoV-2 seroprevalence and transmission risk factors among high-risk close contacts: a retrospective cohort study. <i>Lancet Infectious Diseases</i> , The, 2021, 21, 333-343.	8.9	192
6	Naturally Acquired Human <i>Plasmodium knowlesi</i> Infection, Singapore. <i>Emerging Infectious Diseases</i> , 2008, 14, 814-816.	4.4	180
7	Cartography of opportunistic pathogens and antibiotic resistance genes in a tertiary hospital environment. <i>Nature Medicine</i> , 2020, 26, 941-951.	30.1	156
8	A case of imported Monkeypox in Singapore. <i>Lancet Infectious Diseases</i> , The, 2019, 19, 1166.	8.9	116
9	SARS-CoV-2 Infection among Travelers Returning from Wuhan, China. <i>New England Journal of Medicine</i> , 2020, 382, 1476-1478.	30.1	115
10	Accuracy and User-Acceptability of HIV Self-Testing Using an Oral Fluid-Based HIV Rapid Test. <i>PLoS ONE</i> , 2012, 7, e45168.	2.5	107
11	Enantiomeric glycosylated cationic block co-beta-peptides eradicate <i>Staphylococcus aureus</i> biofilms and antibiotic-tolerant persisters. <i>Nature Communications</i> , 2019, 10, 4792.	13.2	93
12	Converging phenomics and genomics to study natural variation in plant photosynthetic efficiency. <i>Plant Journal</i> , 2019, 97, 112-133.	5.9	80
13	The role of hospital environment in transmissions of multidrug-resistant gram-negative organisms. <i>Antimicrobial Resistance and Infection Control</i> , 2020, 9, 29.	4.3	77
14	Clinical and Molecular Epidemiology of Carbapenem-Resistant Enterobacteriaceae Among Adult Inpatients in Singapore. <i>Clinical Infectious Diseases</i> , 2017, 64, S68-S75.	5.7	64
15	Antimicrobial Effect of a Novel Chitosan Derivative and Its Synergistic Effect with Antibiotics. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 3237-3245.	8.3	63
16	Trends of CD4 cell count levels at the initiation of antiretroviral therapy over time and factors associated with late initiation of antiretroviral therapy among Asian HIV-positive patients. <i>Journal of the International AIDS Society</i> , 2014, 17, 18804.	3.1	56
17	Impact of Delta Variant and Vaccination on SARS-CoV-2 Secondary Attack Rate Among Household Close Contacts. <i>The Lancet Regional Health - Western Pacific</i> , 2021, 17, 100299.	2.9	51
18	Late Presentation into Care of HIV Disease and Its Associated Factors in Asia: Results of TAHOD. <i>AIDS Research and Human Retroviruses</i> , 2016, 32, 255-261.	1.2	48

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19	<i>mcr-3</i> and <i>mcr-4</i> Variants in Carbapenemase-Producing Clinical Enterobacteriaceae Do Not Confer Phenotypic Polymyxin Resistance. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	4.4	37
20	Environmental contamination in a coronavirus disease 2019 (COVID-19) intensive care unit—What is the risk?. <i>Infection Control and Hospital Epidemiology</i> , 2021, 42, 669-677.	2.0	34
21	Mixed-charge pseudo-zwitterionic copolymer brush as broad spectrum antibiofilm coating. <i>Biomaterials</i> , 2021, 273, 120794.	11.8	32
22	Lack of viable severe acute respiratory coronavirus virus 2 (SARS-CoV-2) among PCR-positive air samples from hospital rooms and community isolation facilities. <i>Infection Control and Hospital Epidemiology</i> , 2021, 42, 1327-1332.	2.0	29
23	<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. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 3205-3210.	3.2	28
24	Local transmission and global dissemination of New Delhi Metallo-Beta-Lactamase (NDM): a whole genome analysis. <i>BMC Genomics</i> , 2016, 17, 452.	2.9	27
25	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. <i>Antimicrobial Resistance and Infection Control</i> , 2018, 7, 51.	4.3	27
26	Effective transfer of a 47 kb NDM-1-positive plasmid among <i>Acinetobacter</i> species. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 2734-2738.	3.2	26
27	Nosocomial infections among COVID-19 patients: an analysis of intensive care unit surveillance data. <i>Antimicrobial Resistance and Infection Control</i> , 2021, 10, 119.	4.3	26
28	Population-based variations of a core resistome revealed by urban sewage metagenome surveillance. <i>Environment International</i> , 2022, 163, 107185.	10.1	26
29	Antecedent Carbapenem Exposure as a Risk Factor for Non-Carbapenemase-Producing Carbapenem-Resistant Enterobacteriaceae and Carbapenemase-Producing Enterobacteriaceae. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.4	25
30	Risk assessment of airborne COVID-19 exposure in social settings. <i>Physics of Fluids</i> , 2021, 33, 087118.	3.9	24
31	Whole genome sequencing reveals hidden transmission of carbapenemase-producing Enterobacterales. <i>Nature Communications</i> , 2022, 13, .	13.2	23
32	<i>Candida auris</i> in Singapore: Genomic epidemiology, antifungal drug resistance, and identification using the updated 8.01 VITEK <sup>®</sup> 2 system. <i>International Journal of Antimicrobial Agents</i> , 2019, 54, 709-715.	3.3	22
33	Challenge of drug resistance in <i>Pseudomonas aeruginosa</i> : clonal spread of NDM-1-positive ST-308 within a tertiary hospital. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 2220-2224.	3.2	22
34	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	20
35	Trends in First-Line Antiretroviral Therapy in Asia: Results from the TREAT Asia HIV Observational Database. <i>PLoS ONE</i> , 2014, 9, e106525.	2.5	19
36	Improved Survival in HIV Treatment Programmes in Asia. <i>Antiviral Therapy</i> , 2016, 21, 517-527.	1.0	18

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37	Risk factor profiles and clinical outcomes for children and adults with pneumococcal infections in Singapore: A need to expand vaccination policy?. PLoS ONE, 2019, 14, e0220951.	2.5	18
38	Renal Dysfunction during Tenofovir Use in a Regional Cohort of HIV-Infected Individuals in the Asia-Pacific. PLoS ONE, 2016, 11, e0161562.	2.5	18
39	CD4:CD8 Ratio Comparison between Cohorts of HIV-Positive Asians and Caucasians upon Commencement of Antiretroviral Therapy. Antiviral Therapy, 2017, 22, 659-668.	1.0	16
40	The influence of age-associated comorbidities on responses to combination antiretroviral therapy in older people living with HIV. Journal of the International AIDS Society, 2019, 22, e25228.	3.1	16
41	Effects of unplanned treatment interruptions on HIV treatment failure results from TAHO�. Tropical Medicine and International Health, 2016, 21, 662-674.	2.0	11
42	Durability of Antiretroviral Therapy Regimens and Determinants for Change in HIV-1-Infected Patients in the TREAT Asia HIV Observational Database (TAHOD-LITE). Antiviral Therapy, 2018, 23, 167-178.	1.0	11
43	Changes in renal function with long-term exposure to antiretroviral therapy in HIV-infected adults in Asia. Pharmacoepidemiology and Drug Safety, 2018, 27, 1209-1216.	1.9	11
44	A Glycosylated Cationic Block Poly(peptide) Reverses Intrinsic Antibiotic Resistance in All ESKAPE Gram-Negative Bacteria. Angewandte Chemie, 2020, 132, 6886-6893.	2.1	11
45	Early suboptimal ART adherence was associated with missed clinical visits in HIV-infected patients in Asia. AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV, 2018, 30, 1560-1566.	1.3	10
46	Clinical Evaluation of a Low Cost, In-House Developed Real-Time RT-PCR Human Immunodeficiency Virus Type 1 (HIV-1) Quantitation Assay for HIV-1 Infected Patients. PLoS ONE, 2014, 9, e89826.	2.5	10
47	A pseudo-random patient sampling method evaluated. Journal of Clinical Epidemiology, 2017, 81, 129-139.	5.0	9
48	Cotrimoxazole prophylaxis decreases tuberculosis risk among Asian patients with HIV. Journal of the International AIDS Society, 2019, 22, e25264.	3.1	8
49	Identification of HIV Mutation as Diagnostic Biomarker through Next Generation Sequencing. Journal of Clinical and Diagnostic Research JCDR, 2016, 10, DC04-8.	0.7	6
50	Weight changes, metabolic syndrome and all-cause mortality among Asian adults living with HIV. HIV Medicine, 2022, 23, 274-286.	2.3	6
51	Validation of the D:A:D Chronic Kidney Disease Risk Score Model Among People Living With HIV in the Asia-Pacific. Journal of Acquired Immune Deficiency Syndromes (1999), 2020, 85, 489-497.	2.2	5
52	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.	4.0	5
53	HIV-1 subtype CRF01_AE and B differ in utilization of low levels of CCR5, Maraviroc susceptibility and potential N-glycosylation sites. Virology, 2017, 512, 222-233.	2.5	4
54	Cardiovascular Disease Incidence Projections in the TREAT Asia HIV Observational Database (TAHOD). Antiviral Therapy, 2019, 24, 271-279.	1.0	4

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55	Brief Report: Malignancies in Adults Living With HIV in Asia. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2019, 80, 301-307.	2.2	4
56	Pneumococcal vaccination for HIV-infected individuals in Singapore. <i>Proceedings of Singapore Healthcare</i> , 2019, 28, 55-60.	0.6	4
57	HIV treatment outcomes among people who acquired HIV via injecting drug use in the Asia-Pacific region: a longitudinal cohort study. <i>Journal of the International AIDS Society</i> , 2021, 24, e25736.	3.1	4
58	HIV-1 Transmission Networks Among Men Who Have Sex With Men in Asia. <i>Clinical Infectious Diseases</i> , 2014, 59, 910-911.	5.7	3
59	The treatment outcomes of antiretroviral substitutions in routine clinical settings in Asia; data from the <scp>TREAT</scp> Asia <scp>HIV</scp> Observational Database (<scp>TAHOD</scp>). <i>Journal of the International AIDS Society</i> , 2017, 20, e25016.	3.1	3
60	An Expanded HIV Care Cascade: ART Uptake, Viral Load Suppression and Comorbidity Monitoring among Adults Living with HIV in Asia. <i>Antiviral Therapy</i> , 2020, 25, 275-285.	1.0	3
61	Dissemination of <i>Pseudomonas aeruginosa bla</i> <sub>NDM-1</sub> -Positive ST308 Clone in Singapore. <i>Microbiology Spectrum</i> , 0, , .	3.0	3
62	Derivation and validation of an accurate estimation of CD4 counts from the absolute lymphocyte count in virologically suppressed and immunologically reconstituted HIV infected adults. <i>BMC Infectious Diseases</i> , 2015, 15, 330.	3.0	2
63	Reactive Infection Control Strategy for Control of New Delhi Metallo- $\beta$ -Lactamase (NDM)-Producing Enterobacteriaceae Analyzed Using Whole-Genome Sequencing: Hits and Misses. <i>Infection Control and Hospital Epidemiology</i> , 2016, 37, 987-990.	2.0	2
64	Differences in clinical and psychiatric outcomes between prevalent HIV-1 molecular subtypes in a multiethnic Southeast Asian sample. <i>General Hospital Psychiatry</i> , 2016, 38, 4-8.	2.5	2
65	Growing challenges for HIV programmes in Asia: clinic population trends, 2003-2013. <i>AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV</i> , 2017, 29, 1243-1254.	1.3	2
66	Treatment modification after second-line failure among people living with HIV in the Asia-Pacific. <i>Antiviral Therapy</i> , 2021, 25, 377-387.	1.0	2
67	<scp>BMI</scp> as a predictor of high fasting blood glucose among people living with <scp>HIV</scp> in the Asia-Pacific region. <i>HIV Medicine</i> , 2023, 24, 139-152.	2.3	2
68	Detection of air and surface contamination by SARS-CoV-2 in hospital rooms of infected patients. <i>Nature Communications</i> , 0, .	13.2	1
69	Patterns and prognosis of holding regimens for people living with HIV in Asian countries. <i>PLoS ONE</i> , 2022, 17, e0264157.	2.5	1
70	1569The effects of frequency of CD4 monitoring on clinical endpoints in clinically stable HIV-infected patients with viral suppression. <i>Open Forum Infectious Diseases</i> , 2014, 1, S418-S418.	0.9	0
71	Factors associated with pre-treatment HIV RNA: application for the use of abacavir and rilpivirine as the first-line regimen for HIV-infected patients in resource-limited settings. <i>AIDS Research and Therapy</i> , 2017, 14, 27.	1.8	0
72	Effect of Macrolide Prophylactic Therapy on AIDS-Defining Conditions and HIV-Related Mortality. <i>Open Forum Infectious Diseases</i> , 2017, 4, S59-S59.	0.9	0

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73	The Safety of Substitution of Antiretroviral Regimen in Non-Clinical Trial Settings in Asian Countries. <i>Open Forum Infectious Diseases</i> , 2017, 4, S432-S432.	0.9	0
74	Effect of Macrolide Prophylactic Therapy on AIDS-Defining Conditions and HIV-Associated Mortality. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2019, 80, 436-443.	2.2	0
75	Genomic surveillance uncovers ongoing transmission of carbapenem-resistant <i>Acinetobacter baumannii</i> (CRAB) and identifies actionable routes of transmissions in an endemic setting. <i>Infection Control and Hospital Epidemiology</i> , 0, , 1-7.	2.0	0
76	Impact of COVID-19 pandemic on carbapenem-resistant Enterobacterales incidence in the South-East Asia region: an observational study. <i>Antimicrobial Stewardship &amp; Healthcare Epidemiology</i> , 2023, 3, .	0.5	0
77	Evaluation of the Xpert Carba-R assay for quantifying carbapenemase-producing bacterial load in stool samples. <i>PLoS ONE</i> , 2024, 19, e0309089.	2.5	0