Angela Chow

List of Publications by Year
in descending order

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123 papers	4,009 citations	126708 33 h-index	138251 58 g-index
132 all docs	132 docs citations	132 times ranked	5417 citing authors

#	Article	IF	Citations
1	Persistent Arthralgia Induced by Chikungunya Virus Infection is Associated with Interleukin-6 and Granulocyte Macrophage Colony-Stimulating Factor. Journal of Infectious Diseases, 2011, 203, 149-157.	1.9	305
2	IL-1Î², IL-6, and RANTES as Biomarkers of Chikungunya Severity. PLoS ONE, 2009, 4, e4261.	1.1	249
3	Early neutralizing IgG response to Chikungunya virus in infected patients targets a dominant linear epitope on the E2 glycoprotein. EMBO Molecular Medicine, 2012, 4, 330-343.	3.3	177
4	Viperin restricts chikungunya virus replication and pathology. Journal of Clinical Investigation, 2012, 122, 4447-4460.	3.9	163
5	Early Appearance of Neutralizing Immunoglobulin G3 Antibodies Is Associated With Chikungunya Virus Clearance and Long-term Clinical Protection. Journal of Infectious Diseases, 2012, 205, 1147-1154.	1.9	156
6	Influenza-associated Deaths in Tropical Singapore. Emerging Infectious Diseases, 2006, 12, 114-121.	2.0	150
7	Modelling the control strategies against dengue in Singapore. Epidemiology and Infection, 2008, 136, 309-319.	1.0	138
8	Outbreak of Zika virus infection in Singapore: an epidemiological, entomological, virological, and clinical analysis. Lancet Infectious Diseases, The, 2017, 17, 813-821.	4.6	126
9	Longitudinal Analysis of the Human Antibody Response to Chikungunya Virus Infection: Implications for Serodiagnosis and Vaccine Development. Journal of Virology, 2012, 86, 13005-13015.	1.5	125
10	Empiric Piperacillin-Tazobactam versus Carbapenems in the Treatment of Bacteraemia Due to Extended-Spectrum Beta-Lactamase-Producing Enterobacteriaceae. PLoS ONE, 2016, 11, e0153696.	1.1	104
11	Simple Clinical and Laboratory Predictors of Chikungunya versus Dengue Infections in Adults. PLoS Neglected Tropical Diseases, 2012, 6, e1786.	1.3	100
12	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.	2.9	97
13	Mapping infectious disease hospital surge threats to lessons learnt in Singapore: a systems analysis and development of a framework to inform how to DECIDE on planning and response strategies. BMC Health Services Research, 2017, 17, 622.	0.9	97
14	Evaluation of Chikungunya Diagnostic Assays: Differences in Sensitivity of Serology Assays in Two Independent Outbreaks. PLoS Neglected Tropical Diseases, 2010, 4, e753.	1.3	94
15	Chikungunya fever in Singapore: Acute clinical and laboratory features, and factors associated with persistent arthralgia. Journal of Clinical Virology, 2010, 49, 111-114.	1.6	89
16	Loss of TLR3 aggravates CHIKV replication and pathology due to an altered virusâ€specific neutralizing antibody response. EMBO Molecular Medicine, 2015, 7, 24-41.	3.3	81
17	Use of a Real-Time Locating System for Contact Tracing of Health Care Workers During the COVID-19 Pandemic at an Infectious Disease Center in Singapore: Validation Study. Journal of Medical Internet Research, 2020, 22, e19437.	2.1	63
18	Performance of Digital Contact Tracing Tools for COVID-19 Response in Singapore: Cross-Sectional Study. JMIR MHealth and UHealth, 2020, 8, e23148.	1.8	63

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19	Responding to the COVID-19 Outbreak in Singapore: Staff Protection and Staff Temperature and Sickness Surveillance Systems. Clinical Infectious Diseases, 2020, 71, 1947-1952.	2.9	62
20	Influenza associated mortality in the subtropics and tropics: Results from three Asian cities. Vaccine, 2011, 29, 8909-8914.	1.7	57
21	Epidemiology of Travel-associated Pandemic (H1N1) 2009 Infection in 116 Patients, Singapore. Emerging Infectious Diseases, 2010, 16, 21-26.	2.0	47
22	Risk Factors for Pandemic (H1N1) 2009 Virus Seroconversion among Hospital Staff, Singapore. Emerging Infectious Diseases, 2010, 16, 1554-1561.	2.0	42
23	Economics of Neuraminidase Inhibitor Stockpiling for Pandemic Influenza, Singapore. Emerging Infectious Diseases, 2012, 12, 95-102.	2.0	42
24	Epidemiology of Travel-associated Pandemic (H1N1) 2009 Infection in 116 Patients, Singapore. Emerging Infectious Diseases, 2010, 16, 21-26.	2.0	41
25	A Pragmatic Randomized Controlled Trial of 6-Step vs 3-Step Hand Hygiene Technique in Acute Hospital Care in the United Kingdom. Infection Control and Hospital Epidemiology, 2016, 37, 661-666.	1.0	41
26	Macrophage Migration Inhibitory Factor Receptor CD74 Mediates Alphavirusâ€‐Induced Arthritis and Myositis in Murine Models of Alphavirus Infection. Arthritis and Rheumatism, 2013, 65, 2724-2736.	6.7	40
27	Group B Streptococcus Sequence Type 283 Disease Linked to Consumption of Raw Fish, Singapore. Emerging Infectious Diseases, 2016, 22, 1974-1977.	2.0	40
28	Surgical Masks for Protection of Health Care Personnel against Pandemic Novel Swineâ€Origin Influenza A (H1N1)â€“2009: Results from an Observational Study. Clinical Infectious Diseases, 2010, 50, 1011-1014.	2.9	38
29	Emergence of Oseltamivir-Resistant Pandemic (H1N1) 2009 Virus within 48 Hours. Emerging Infectious Diseases, 2010, 16, 1633-1636.	2.0	38
30	Antibody-mediated enhancement aggravates chikungunya virus infection and disease severity. Scientific Reports, 2018, 8, 1860.	1.6	38
31	Alcohol handrubbing and chlorhexidine handwashing protocols for routine hospital practice: A randomized clinical trial of protocol efficacy and time effectiveness. American Journal of Infection Control, 2012, 40, 800-805.	1.1	37
32	â€œI wouldnâ€™t really believe statisticsâ€•â€“ Challenges with influenza vaccine acceptance among healthcare workers in Singapore. Vaccine, 2018, 36, 1996-2004.	1.7	37
33	Chlorhexidine and octenidine use, carriage of qac genes, and reduced antiseptic susceptibility in methicillin-resistant Staphylococcus aureus isolates from a healthcare network. Clinical Microbiology and Infection, 2019, 25, 1154.e1-1154.e7.	2.8	37
34	Surveillance for Clostridium difficile Infection: ICD-9 Coding Has Poor Sensitivity Compared to Laboratory Diagnosis in Hospital Patients, Singapore. PLoS ONE, 2011, 6, e15603.	1.1	36
35	Pandemic (H1N1) 2009 Surveillance and Prevalence of Seasonal Influenza, Singapore. Emerging Infectious Diseases, 2010, 16, 103-105.	2.0	33
36	MRSA Transmission Dynamics Among Interconnected Acute, Intermediate-Term, and Long-Term Healthcare Facilities in Singapore. Clinical Infectious Diseases, 2017, 64, S76-S81.	2.9	33

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37	Staphylococcus aureus and topical fusidic acid use: results of a clinical audit on antimicrobial resistance. International Journal of Dermatology, 2013, 52, 876-881.	0.5	31
38	Early clearance of Chikungunya virus in children is associated with a strong innate immune response. Scientific Reports, 2016, 6, 26097.	1.6	30
39	Distinguishing Zika and Dengue Viruses through Simple Clinical Assessment, Singapore. Emerging Infectious Diseases, 2018, 24, 1565-1568.	2.0	30
40	Unintended Consequence: Influenza plunges with public health response to COVID-19 in Singapore. Journal of Infection, 2020, 81, e68-e69.	1.7	30
41	Clinical and microbiological characteristics of cryptococcosis in Singapore: predominance of Cryptococcus neoformans compared with Cryptococcus gattii. International Journal of Infectious Diseases, 2014, 26, 110-115.	1.5	26
42	Factors influencing seasonal influenza vaccination uptake among health care workers in an adult tertiary care hospital in Singapore: A cross-sectional survey. American Journal of Infection Control, 2019, 47, 133-138.	1.1	25
43	Influenza in the tropics. Lancet Infectious Diseases, The, 2009, 9, 457-458.	4.6	24
44	Psychosocial determinants of physiciansâ€™ acceptance of recommendations by antibiotic computerised decision support systems: A mixed methods study. International Journal of Antimicrobial Agents, 2015, 45, 295-304.	1.1	24
45	Clinical features of patients with Zika and dengue virus co-infection in Singapore. Journal of Infection, 2017, 74, 611-615.	1.7	24
46	A formative research-guided educational intervention to improve the knowledge and attitudes of seniors towards influenza and pneumococcal vaccinations. Vaccine, 2017, 35, 6367-6374.	1.7	24
47	Length of stay and odds of MRSA acquisition: a doseâ€“response relationship?. Epidemiology and Infection, 2019, 147, e223.	1.0	24
48	Decline in pneumococcal disease incidence in the time of COVID-19 in Singapore. Journal of Infection, 2020, 81, e19-e21.	1.7	24
49	Emergence and disappearance of W135 meningococcal disease. Epidemiology and Infection, 2010, 138, 976-978.	1.0	21
50	Length of stay an important mediator of hospital-acquired methicillin-resistant Staphylococcus aureus. Epidemiology and Infection, 2016, 144, 1248-1256.	1.0	21
51	Risk factors and treatment outcomes of severe Clostridioides difficile infection in Singapore. Scientific Reports, 2019, 9, 13440.	1.6	21
52	An unusual outbreak of rotavirus G8P[8] gastroenteritis in adults in an urban community, Singapore, 2016. Journal of Clinical Virology, 2018, 105, 57-63.	1.6	20
53	Awareness, acceptance, and adoption of the national digital contact tracing tool post COVID-19 lockdown among visitors to a public hospital in Singapore. Clinical Microbiology and Infection, 2021, 27, 1046-1048.	2.8	18
54	Clinical features and epidemiology of chikungunya infection in Singapore. Singapore Medical Journal, 2009, 50, 785-90.	0.3	18

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55	Reply to Noret et al. Journal of Infectious Diseases, 2012, 206, 457-459.	1.9	16
56	Assessing Sensitivity and Specificity of Surveillance Case Definitions for Zika Virus Disease. Emerging Infectious Diseases, 2017, 23, 677-679.	2.0	16
57	Differences in psychosocial determinants of hand hygiene between health care professional groups: Insights from a mixed-methods analysis. American Journal of Infection Control, 2018, 46, 253-260.	1.1	16
58	Determinants of antibiotic prescribing for upper respiratory tract infections in an emergency department with good primary care access: a qualitative analysis. Epidemiology and Infection, 2019, 147, e111.	1.0	16
59	The Associations between Poor Antibiotic and Antimicrobial Resistance Knowledge and Inappropriate Antibiotic Use in the General Population Are Modified by Age. Antibiotics, 2022, 11, 47.	1.5	16
60	Whole genome sequencing reveals hidden transmission of carbapenemase-producing Enterobacterales. Nature Communications, 2022, 13, .	5.8	16
61	Zika virus has arrived in Singapore. Lancet Infectious Diseases, The, 2016, 16, 1317-1319.	4.6	15
62	Comparative Epidemiology of Vancomycin-Resistant Enterococci Colonization in an Acute-Care Hospital and Its Affiliated Intermediate- and Long-Term Care Facilities in Singapore. Antimicrobial Agents and Chemotherapy, 2018, 62, .	1.4	14
63	Methicillin-resistantStaphylococcus aureuscolonisation: epidemiological and molecular characteristics in an acute-care tertiary hospital in Singapore. Epidemiology and Infection, 2018, 146, 1785-1792.	1.0	14
64	Asymptomatic health-care worker screening during the COVID-19 pandemic. Lancet, The, 2020, 396, 1393-1394.	6.3	14
65	Pandemic (H1N1) 2009 influenza in HIV-infected adults: Clinical features, severity, and outcome. Journal of Infection, 2010, 61, 437-440.	1.7	13
66	Outbreak of New Delhi metallo-Î²-lactamase-1â€“producing Enterobacter cloacae in an acute care hospital general ward inÂSingapore. American Journal of Infection Control, 2016, 44, 177-182.	1.1	13
67	Patient and physician predictors of patient receipt of therapies recommended by a computerized decision support system when initially prescribed broad-spectrum antibiotics: a cohort study. Journal of the American Medical Informatics Association: JAMIA, 2016, 23, e58-e70.	2.2	13
68	Correlation of clinical illness with viremia in Zika virus disease during an outbreak in Singapore. BMC Infectious Diseases, 2018, 18, 301.	1.3	13
69	Empowerment of nurses in antibiotic stewardship: a social ecological qualitative analysis. Journal of Hospital Infection, 2020, 106, 473-482.	1.4	13
70	Rostered routine testing for severe acute respiratory coronavirus virus 2 (SARS-CoV-2) infection among healthcare personnelâ€”Is there a role in a tertiary-care hospital with enhanced infection prevention and control measures and robust sickness-surveillance systems?. Infection Control and Hospital Epidemiology, 2022, 43, 1528-1530.	1.0	12
71	Review of a two-year methicillin-resistant Staphylococcus aureus screening program and cost-effectiveness analysis in Singapore. BMC Infectious Diseases, 2015, 15, 391.	1.3	11
72	Alcohol handrubbing and chlorhexidine handwashing are equally effective in removing methicillin-resistant Staphylococcus aureus from health care workers' hands: A randomized controlled trial. American Journal of Infection Control, 2015, 43, 1246-1248.	1.1	11

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73	Diagnostic Accuracy of Parameters for Zika and Dengue Virus Infections, Singapore. Emerging Infectious Diseases, 2017, 23, 2085-2088.	2.0	11
74	Intranasal octenidine and universal antiseptic bathing reduce methicillin-resistant Staphylococcus aureus (MRSA) prevalence in extended care facilities. Epidemiology and Infection, 2018, 146, 2036-2041.	1.0	11
75	Universal Methicillin-Resistant Staphylococcus aureus (MRSA) Screening: Comparison of Anatomic Screening Sites for Patients with High and Low Prevalence of MRSA Carriage. Infection Control and Hospital Epidemiology, 2012, 33, 315-317.	1.0	9
76	Fending off Delta â€“ Hospital measures to reduce nosocomial transmission of COVID-19. International Journal of Infectious Diseases, 2022, 117, 139-145.	1.5	9
77	Determinants of the acceptance and adoption of a digital contact tracing tool during the COVID-19 pandemic in Singapore. Epidemiology and Infection, 2022, 150, 1-17.	1.0	9
78	Use of surveillance technology to enhance exposure management for healthcare workers during the COVID-19 pandemic. Journal of Hospital Infection, 2021, 107, 101-102.	1.4	8
79	Short-term mortality from HIV-infected persons diagnosed from 2012 to 2016. Medicine (United States), 2021, 100, e26507.	0.4	8
80	Exploring antibiotic prescribing in public and private primary care settings in Singapore: a qualitative analysis informing theory and evidence-based planning for value-driven intervention design. BMC Family Practice, 2021, 22, 205.	2.9	8
81	Systematic review of determinants influencing antibiotic prescribing for uncomplicated acute respiratory tract infections in adult patients at the emergency department. Infection Control and Hospital Epidemiology, 2022, 43, 366-375.	1.0	7
82	Epidemiology and Transmission of Carbapenemase-Producing Enterobacteriaceae in a Health Care Network of an Acute-Care Hospital and Its Affiliated Intermediate- and Long-Term-Care Facilities in Singapore. Antimicrobial Agents and Chemotherapy, 2021, 65, e0258420.	1.4	7
83	Seasonal influenza-associated intensive care unit admission and death in tropical Singapore, 2011-2015. Journal of Clinical Virology, 2019, 117, 73-79.	1.6	6
84	Determinants of change in intention to receive influenza vaccination among health-care workers in Singapore. Human Vaccines and Immunotherapeutics, 2020, 16, 1118-1124.	1.4	6
85	Dancing with COVID-19 after the Hammer is Lifted: Enhancing Healthcare Worker Surveillance. Journal of Infection, 2020, 81, e13-e15.	1.7	6
86	Epidemiological factors associated with recent HIV infection among newly-diagnosed cases in Singapore, 2013â€“2017. BMC Public Health, 2021, 21, 430.	1.2	6
87	Determinants of antibiotic over-prescribing for upper respiratory tract infections in an emergency department with good primary care access: a quantitative analysis. Journal of Hospital Infection, 2021, 113, 71-76.	1.4	6
88	Vancomycin-resistant enterococci with reduced daptomycin susceptibility in Singapore: prevalence and associated factors. Epidemiology and Infection, 2016, 144, 2540-2545.	1.0	5
89	Administrative data is as good as medical chart review for comorbidity ascertainment in patients with infections in Singapore. Epidemiology and Infection, 2016, 144, 1999-2005.	1.0	5
90	Psychosocial determinants of influenza vaccination intention: A cross-sectional study on inpatient nurses in Singapore. American Journal of Infection Control, 2017, 45, e115-e117.	1.1	5

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91	Atypical COVID-19: Preventing transmission from unexpected cases. Infection Control and Hospital Epidemiology, 2021, 42, 1146-1148.	1.0	5
92	Epidemiology, vaccine effectiveness, and risk factors for mortality for pneumococcal disease among hospitalised adults in Singapore: a case-control study. BMC Infectious Diseases, 2020, 20, 423.	1.3	5
93	Antibiotic expectations of patients attending an emergency department with upper respiratory tract infections: clinical and behavioural determinants of antibiotic use. International Journal of Antimicrobial Agents, 2022, 59, 106511.	1.1	5
94	Risk prediction models to guide antibiotic prescribing: a study on adult patients with uncomplicated upper respiratory tract infections in an emergency department. Antimicrobial Resistance and Infection Control, 2020, 9, 171.	1.5	4
95	Intranasal octenidine and universal chlorhexidine bathing can reduce meticillin-resistant Staphylococcus aureus acquisition in an extended care facility in Singapore. Journal of Hospital Infection, 2020, 105, 628-631.	1.4	4
96	Comparative epidemiology and factors associated with major healthcare-associated methicillin-resistant Staphylococcus aureus clones among interconnected acute-, intermediate- and long-term healthcare facilities in Singapore. Clinical Microbiology and Infection, 2021, 27, 785.e9-785.e16.	2.8	4
97	The â€œtimelessâ€•use of influenza-like illness criteria for influenza detection in the tropics. International Journal of Infectious Diseases, 2021, 106, 160-168.	1.5	4
98	Hospital Pharmacists and Antimicrobial Stewardship: A Qualitative Analysis. Antibiotics, 2021, 10, 1441.	1.5	4
99	Surveillance for Zika virus infection in travelers returning to the Republic of Korea. Travel Medicine and Infectious Disease, 2019, 29, 72-73.	1.5	3
100	Pneumonia surveillance and its attendant clinical risk stratification for COVID-19 in low-risk patients. Public Health, 2021, 190, 89-92.	1.4	3
101	Psychosocial determinants of healthcare personnelâ€™s willingness to carry real-time locating system tags during daily inpatient care in hospital managing COVID-19 patients: insights from a mixed-methods analysis. JAMIA Open, 2021, 4, ooaa072.	1.0	3
102	Healthcare workers as â€˜canariesâ€™ for acute respiratory infections and pathogens during the COVID-19 pandemic. Journal of Hospital Infection, 2021, 112, 119-120.	1.4	3
103	Psychological impact of repeated epidemic exposure on healthcare workers: findings from an online survey of a healthcare workforce exposed to both SARS (severe acute respiratory syndrome) and COVID-19. BMJ Open, 2021, 11, e051895.	0.8	3
104	Surveillance of Disease: Overview. , 2017, , 124-138.		2
105	Healthcare worker acute respiratory illness cluster in 2020: Could it be from COVID-19?. Infection Control and Hospital Epidemiology, 2020, 42, 1-2.	1.0	2
106	Intranasal octenidine for methicillin-resistant Staphylococcus aureus (MRSA) carriers and universal octenidine bathing reduced MRSA acquisition in an acute-care general ward. Infection Control and Hospital Epidemiology, 2022, 43, 1701-1704.	1.0	2
107	Public Perception of the Use of Digital Contact-Tracing Tools After the COVID-19 Lockdown: Sentiment Analysis and Opinion Mining. JMIR Formative Research, 2022, 6, e33314.	0.7	2
108	Seroprevalence of IgG antibodies against diphtheria antitoxin among migrant workers in Singapore, 2016â€“2019. BMC Public Health, 2022, 22, 111.	1.2	2

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109	Synergistic effects of length of stay and prior MDRO carriage on the colonization and co-colonization of methicillin-resistant Staphylococcus aureus, vancomycin-resistant Enterococcus, and carbapenemase-producing Enterobacterales across healthcare settings. Infection Control and Hospital Epidemiology, 2023, 44, 31-39.	1.0	2
110	Risk assessment and laboratory investigation of respiratory illness in travellers returning to Singapore 2012â€“2015: experience from the MERS-CoV Surveillance Programme. Epidemiology and Infection, 2017, 145, 285-288.	1.0	1
111	Persistence of meticillin-resistant Staphylococcus aureus carriage in re-admitted patients. Journal of Hospital Infection, 2018, 100, 350-354.	1.4	1
112	Epidemiological factors associated with the absence of previous HIV testing among HIV-positive persons in Singapore, 2012â€“2017. BMJ Open, 2021, 11, e050133.	0.8	1
113	Accuracy of a Rapid Multiplex Polymerase Chain Reaction Plus a Chromogenic Phenotypic Test Algorithm for Detection of Extended-Spectrum Î²-Lactamase and Carbapenemase-Producing Gram-Negative Bacilli in Positive Blood Culture Bottles. Clinical Infectious Diseases, 2022, 74, 1850-1854.	2.9	1
114	Sociodemographic and clinical factors, visit expectations and driving factors for emergency department attendance for uncomplicated upper respiratory tract infection. Emergency Medicine Journal, 2021, , emermed-2021-211718.	0.4	1
115	Comparing hospital-resource utilization by an enhanced pneumonia surveillance programme for COVID-19 with pre-pandemic pneumonia admissions â€“ a Singaporean hospitalâ€™s experience. Journal of Medical Microbiology, 2021, 70, .	0.7	1
116	Health Information Orientation Profiles and Their Association with Knowledge of Antibiotic Use in a Population with Good Internet Access: A Cross-Sectional Study. Antibiotics, 2022, 11, 769.	1.5	1
117	Staff and patient surveillance in hospitals: Good sentinels for the emergence of new SARS-CoV-2 variants. Journal of Infection, 2022, 85, 436-480.	1.7	1
118	1502Clean Hands Safe Hands: Behavioral Differences Between Doctors, Nurses and Allied Health Workers. Open Forum Infectious Diseases, 2014, 1, S397-S397.	0.4	0
119	Octenidine Body Wash and Nasal Gel Reduces MRSA Bacteremia. Infection Control and Hospital Epidemiology, 2020, 41, s334-s335.	1.0	0
120	Methicillin-Resistant Staphylococcus aureus (MRSA) Risk Factors: Comparison Between Acute-Care, and Subacute- and Long-Term Care Facilities in a Healthcare Network. Infection Control and Hospital Epidemiology, 2020, 41, s322-s323.	1.0	0
121	Intranasal Antiseptic and Universal Antiseptic Baths Are Effective in Reducing MRSA Acquisition in Extended-Care Facilities. Infection Control and Hospital Epidemiology, 2020, 41, s304-s305.	1.0	0
122	Prevalence of measles antibodies among migrant workers in Singapore: a serological study to identify susceptible population subgroups. BMC Infectious Diseases, 2022, 22, 88.	1.3	0
123	Causes of death and factors associated with early death among human immunodeficiency virus (HIV)-infected persons in Singapore: pre-highly active antiretroviral therapy (HAART) and Peri-HAART. Annals of the Academy of Medicine, Singapore, 2012, 41, 563-70.	0.2	0