

Tsin W Yeo

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

2,795
citations

185998

28
h-index

182168

51
g-index

61
all docs

61
docs citations

61
times ranked

2791
citing authors

#	ARTICLE	IF	CITATIONS
1	Impaired nitric oxide bioavailability and <sc></sc>-arginineâ€“reversible endothelial dysfunction in adults with falciparum malaria. <i>Journal of Experimental Medicine</i> , 2007, 204, 2693-2704.	4.2	270
2	Angiotensin-2 is associated with decreased endothelial nitric oxide and poor clinical outcome in severe falciparum malaria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 17097-17102.	3.3	235
3	A Prospective Comparative Study of Knowlesi, Falciparum, and Vivax Malaria in Sabah, Malaysia: High Proportion With Severe Disease From Plasmodium Knowlesi and Plasmodium Vivax But No Mortality With Early Referral and Artesunate Therapy. <i>Clinical Infectious Diseases</i> , 2013, 56, 383-397.	2.9	207
4	Severe<i>Plasmodium knowlesi</i> Malaria in a Tertiary Care Hospital, Sabah, Malaysia. <i>Emerging Infectious Diseases</i> , 2011, 17, 1248-1255.	2.0	191
5	Relationship of Cellâ€“Free Hemoglobin to Impaired Endothelial Nitric Oxide Bioavailability and Perfusion in Severe Falciparum Malaria. <i>Journal of Infectious Diseases</i> , 2009, 200, 1522-1529.	1.9	124
6	Parasite Biomass-Related Inflammation, Endothelial Activation, Microvascular Dysfunction and Disease Severity in Vivax Malaria. <i>PLoS Pathogens</i> , 2015, 11, e1004558.	2.1	120
7	Individual-level factors associated with the risk of acquiring human Plasmodium knowlesi malaria in Malaysia: a case-control study. <i>Lancet Planetary Health</i> , The, 2017, 1, e97-e104.	5.1	99
8	<i>Plasmodium knowlesi</i> Malaria in Sabah, Malaysia, 2015â€“2017: Ongoing Increase in Incidence Despite Near-elimination of the Human-only <i>Plasmodium</i> Species. <i>Clinical Infectious Diseases</i> , 2020, 70, 361-367.	2.9	97
9	Platelets kill circulating parasites of all major Plasmodium species in human malaria. <i>Blood</i> , 2018, 132, 1332-1344.	0.6	85
10	Mortality attributable to Plasmodium vivax malaria: a clinical audit from Papua, Indonesia. <i>BMC Medicine</i> , 2014, 12, 217.	2.3	80
11	Age-Related Clinical Spectrum of Plasmodium knowlesi Malaria and Predictors of Severity. <i>Clinical Infectious Diseases</i> , 2018, 67, 350-359.	2.9	78
12	Greater Endothelial Activation, Weibelâ€“Palade Body Release and Host Inflammatory Response to<i>Plasmodium vivax,</i> Compared with<i>Plasmodium falciparum</i>: A Prospective Study in Papua, Indonesia. <i>Journal of Infectious Diseases</i> , 2010, 202, 109-112.	1.9	60
13	Evaluation of splenic accumulation and colocalization of immature reticulocytes and Plasmodium vivax in asymptomatic malaria: A prospective human splenectomy study. <i>PLoS Medicine</i> , 2021, 18, e1003632.	3.9	60
14	Artesunateâ€“mefloquine versus chloroquine for treatment of uncomplicated Plasmodium knowlesi malaria in Malaysia (ACT KNOW): an open-label, randomised controlled trial. <i>Lancet Infectious Diseases</i> , The, 2016, 16, 180-188.	4.6	58
15	Severe Malarial Thrombocytopenia: A Risk Factor for Mortality in Papua, Indonesia. <i>Journal of Infectious Diseases</i> , 2015, 211, 623-634.	1.9	55
16	Diabetes, cardiac disorders and asthma as risk factors for severe organ involvement among adult dengue patients: A matched case-control study. <i>Scientific Reports</i> , 2017, 7, 39872.	1.6	55
17	The Treatment of Plasmodium knowlesi Malaria. <i>Trends in Parasitology</i> , 2017, 33, 242-253.	1.5	47
18	Combining Parasite Lactate Dehydrogenase-Based and Histidine-Rich Protein 2-Based Rapid Tests To Improve Specificity for Diagnosis of Malaria Due to Plasmodium knowlesi and Other Plasmodium Species in Sabah, Malaysia. <i>Journal of Clinical Microbiology</i> , 2014, 52, 2053-2060.	1.8	46

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19	Circulating Neutrophil Extracellular Traps and Neutrophil Activation Are Increased in Proportion to Disease Severity in Human Malaria. <i>Journal of Infectious Diseases</i> , 2019, 219, 1994-2004.	1.9	46
20	Efficacy of Artesunate-mefloquine for Chloroquine-resistant <i>Plasmodium vivax</i> Malaria in Malaysia: An Open-label, Randomized, Controlled Trial. <i>Clinical Infectious Diseases</i> , 2016, 62, 1403-1411.	2.9	44
21	Intravascular haemolysis in severe <i>Plasmodium knowlesi</i> malaria: association with endothelial activation, microvascular dysfunction, and acute kidney injury. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-10.	3.0	43
22	Impaired Skeletal Muscle Microvascular Function and Increased Skeletal Muscle Oxygen Consumption in Severe <i>Falciparum</i> Malaria. <i>Journal of Infectious Diseases</i> , 2013, 207, 528-536.	1.9	42
23	Decreased Endothelial Nitric Oxide Bioavailability, Impaired Microvascular Function, and Increased Tissue Oxygen Consumption in Children with <i>Falciparum</i> Malaria. <i>Journal of Infectious Diseases</i> , 2014, 210, 1627-1632.	1.9	38
24	Effects of Aging on Parasite Biomass, Inflammation, Endothelial Activation, Microvascular Dysfunction and Disease Severity in <i>Plasmodium knowlesi</i> and <i>Plasmodium falciparum</i> Malaria. <i>Journal of Infectious Diseases</i> , 2017, 215, 1908-1917.	1.9	34
25	Impaired Systemic Tetrahydrobiopterin Bioavailability and Increased Dihydrobiopterin in Adult <i>Falciparum</i> Malaria: Association with Disease Severity, Impaired Microvascular Function and Increased Endothelial Activation. <i>PLoS Pathogens</i> , 2015, 11, e1004667.	2.1	33
26	Glycocalyx Breakdown Is Associated With Severe Disease and Fatal Outcome in <i>Plasmodium falciparum</i> Malaria. <i>Clinical Infectious Diseases</i> , 2019, 69, 1712-1720.	2.9	31
27	Impaired Systemic Tetrahydrobiopterin Bioavailability and Increased Oxidized Biopterins in Pediatric <i>Falciparum</i> Malaria: Association with Disease Severity. <i>PLoS Pathogens</i> , 2015, 11, e1004655.	2.1	29
28	Thalassemia Major Is a Major Risk Factor for Pediatric Melioidosis in Kota Kinabalu, Sabah, Malaysia. <i>Clinical Infectious Diseases</i> , 2015, 60, 1802-1807.	2.9	27
29	Metformin Use and Severe Dengue in Diabetic Adults. <i>Scientific Reports</i> , 2018, 8, 3344.	1.6	26
30	Clinical features of patients with Zika and dengue virus co-infection in Singapore. <i>Journal of Infection</i> , 2017, 74, 611-615.	1.7	24
31	<i>Plasmodium knowlesi</i> Malaria During Pregnancy. <i>Journal of Infectious Diseases</i> , 2015, 211, 1104-1110.	1.9	20
32	Case report: two human <i>Streptococcus suis</i> infections in Borneo, Sabah, Malaysia. <i>BMC Infectious Diseases</i> , 2017, 17, 188.	1.3	20
33	Improving Dengue Diagnostics and Management Through Innovative Technology. <i>Current Infectious Disease Reports</i> , 2018, 20, 25.	1.3	20
34	Nitric Oxide-Dependent Endothelial Dysfunction and Reduced Arginine Bioavailability in <i>Plasmodium vivax</i> Malaria but No Greater Increase in Intravascular Hemolysis in Severe Disease. <i>Journal of Infectious Diseases</i> , 2016, 214, 1557-1564.	1.9	19
35	Immune cell phenotypes associated with disease severity and long-term neutralizing antibody titers after natural dengue virus infection. <i>Cell Reports Medicine</i> , 2021, 2, 100278.	3.3	19
36	Glycocalyx breakdown is increased in African children with cerebral and uncomplicated <i>falciparum</i> malaria. <i>FASEB Journal</i> , 2019, 33, 14185-14193.	0.2	18

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37	Malaria in Pregnancy: From Placental Infection to Its Abnormal Development and Damage. <i>Frontiers in Microbiology</i> , 2021, 12, 777343.	1.5	18
38	Association Between Increased Vascular Nitric Oxide Bioavailability and Progression to Dengue Hemorrhagic Fever in Adults. <i>Journal of Infectious Diseases</i> , 2015, 212, 711-714.	1.9	17
39	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
40	Genetic diversity in the C-terminus of merozoite surface protein 1 among <i>Plasmodium knowlesi</i> isolates from Selangor and Sabah Borneo, Malaysia. <i>Infection, Genetics and Evolution</i> , 2017, 54, 39-46.	1.0	15
41	Asymmetric Dimethylarginine in Adult <i>Falciparum</i> Malaria: Relationships With Disease Severity, Antimalarial Treatment, Hemolysis, and Inflammation. <i>Open Forum Infectious Diseases</i> , 2016, 3, ofw027.	0.4	13
42	Monitoring healthcare professionals after monkeypox exposure: Experience from the first case imported to Asia. <i>Infection Control and Hospital Epidemiology</i> , 2020, 41, 373-375.	1.0	12
43	Early Endothelial Activation Precedes Glycocalyx Degradation and Microvascular Dysfunction in Experimentally Induced <i>Plasmodium falciparum</i> and <i>Plasmodium vivax</i> Infection. <i>Infection and Immunity</i> , 2020, 88, .	1.0	12
44	Increased Carboxyhemoglobin in Adult <i>Falciparum</i> Malaria is Associated With Disease Severity and Mortality. <i>Journal of Infectious Diseases</i> , 2013, 208, 813-817.	1.9	11
45	Pharmacokinetic-Pharmacodynamic Model for the Effect of L-Arginine on Endothelial Function in Patients with Moderately Severe <i>Falciparum</i> Malaria. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 198-205.	1.4	11
46	Retinal Changes in Uncomplicated and Severe <i>Plasmodium knowlesi</i> Malaria. <i>Journal of Infectious Diseases</i> , 2016, 213, 1476-1482.	1.9	11
47	Personalised randomised controlled trial designs – a new paradigm to define optimal treatments for carbapenem-resistant infections. <i>Lancet Infectious Diseases</i> , The, 2021, 21, e175-e181.	4.6	11
48	Vascular Dysfunction in Malaria: Understanding the Role of the Endothelial Glycocalyx. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 751251.	1.8	11
49	Insights into potential causes of vascular hyperpermeability in dengue. <i>PLoS Pathogens</i> , 2021, 17, e1010065.	2.1	11
50	Extended Versus Standard Antibiotic Course Duration in Children <5 Years of Age Hospitalized With Community-acquired Pneumonia in High-risk Settings: Four-week Outcomes of a Multicenter, Double-blind, Parallel, Superiority Randomized Controlled Trial. <i>Pediatric Infectious Disease Journal</i> , 2022, 41, 549-555.	1.1	10
51	Hyperlipidemia, statin use and dengue severity. <i>Scientific Reports</i> , 2018, 8, 17147.	1.6	7
52	Genetic polymorphism and natural selection in the C-terminal 42 kDa region of merozoite surface protein-1 (MSP-1) among <i>Plasmodium knowlesi</i> samples from Malaysia. <i>Parasites and Vectors</i> , 2018, 11, 626.	1.0	7
53	Endothelial glycocalyx degradation and disease severity in <i>Plasmodium vivax</i> and <i>Plasmodium knowlesi</i> malaria. <i>Scientific Reports</i> , 2021, 11, 9741.	1.6	6
54	Postmortem evidence of disseminated Zika virus infection in an adult patient. <i>International Journal of Infectious Diseases</i> , 2019, 83, 163-166.	1.5	5

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55	Degradation of endothelial glycocalyx in Tanzanian children with falciparum malaria. FASEB Journal, 2021, 35, e21805.	0.2	5
56	Decreased Microvascular Function in Tanzanian Children With Severe and Uncomplicated Falciparum Malaria. Open Forum Infectious Diseases, 2017, 4, ofx079.	0.4	4
57	HOspitalised Pneumonia Extended (HOPE) Study to reduce the long-term effects of childhood pneumonia: protocol for a multicentre, double-blind, parallel, superiority randomised controlled trial. BMJ Open, 2019, 9, e026411.	0.8	2
58	Association of systemic vitamin D on the course of dengue virus infection in adults: a single-centre dengue cohort study at a large institution in Singapore. Singapore Medical Journal, 0, , .	0.3	2