Tsin W Yeo

List of Publications by Year in descending order

58 papers	2,795 citations	186265 28 h-index	182427 51 g-index
61 all docs	61 docs citations	61 times ranked	2791 citing authors

#	Article	IF	Citations
1	Impaired nitric oxide bioavailability and <scp>l</scp>-arginineâ€“reversible endothelial dysfunction in adults with falciparum malaria. Journal of Experimental Medicine, 2007, 204, 2693-2704.	8.5	270
2	Angiopoietin-2 is associated with decreased endothelial nitric oxide and poor clinical outcome in severe falciparum malaria. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 17097-17102.	7.1	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. Clinical Infectious Diseases, 2013, 56, 383-397.	5.8	207
4	SeverePlasmodium knowlesiMalaria in a Tertiary Care Hospital, Sabah, Malaysia. Emerging Infectious Diseases, 2011, 17, 1248-1255.	4.3	191
5	Relationship of Cellâ€Free Hemoglobin to Impaired Endothelial Nitric Oxide Bioavailability and Perfusion in Severe Falciparum Malaria. Journal of Infectious Diseases, 2009, 200, 1522-1529.	4.0	124
6	Parasite Biomass-Related Inflammation, Endothelial Activation, Microvascular Dysfunction and Disease Severity in Vivax Malaria. PLoS Pathogens, 2015, 11, e1004558.	4.7	120
7	Individual-level factors associated with the risk of acquiring human Plasmodium knowlesi malaria in Malaysia: a case-control study. Lancet Planetary Health, The, 2017, 1, e97-e104.	11.4	99
8	Plasmodium knowlesi Malaria in Sabah, Malaysia, 2015â€“2017: Ongoing Increase in Incidence Despite Near-elimination of the Human-only Plasmodium Species. Clinical Infectious Diseases, 2020, 70, 361-367.	5.8	97
9	Platelets kill circulating parasites of all major Plasmodium species in human malaria. Blood, 2018, 132, 1332-1344.	1.4	85
10	Mortality attributable to Plasmodium vivaxmalaria: a clinical audit from Papua, Indonesia. BMC Medicine, 2014, 12, 217.	5.5	80
11	Age-Related Clinical Spectrum of Plasmodium knowlesi Malaria and Predictors of Severity. Clinical Infectious Diseases, 2018, 67, 350-359.	5.8	78
12	Greater Endothelial Activation, Weibelâ€Palade Body Release and Host Inflammatory Response toPlasmodium vivax,Compared withPlasmodium falciparum: A Prospective Study in Papua, Indonesia. Journal of Infectious Diseases, 2010, 202, 109-112.	4.0	60
13	Evaluation of splenic accumulation and colocalization of immature reticulocytes and Plasmodium vivax in asymptomatic malaria: A prospective human splenectomy study. PLoS Medicine, 2021, 18, e1003632.	8.4	60
14	Artesunateâ€“mefloquine versus chloroquine for treatment of uncomplicated Plasmodium knowlesi malaria in Malaysia (ACT KNOW): an open-label, randomised controlled trial. Lancet Infectious Diseases, The, 2016, 16, 180-188.	9.1	58
15	Severe Malarial Thrombocytopenia: A Risk Factor for Mortality in Papua, Indonesia. Journal of Infectious Diseases, 2015, 211, 623-634.	4.0	55
16	Diabetes, cardiac disorders and asthma as risk factors for severe organ involvement among adult dengue patients: A matched case-control study. Scientific Reports, 2017, 7, 39872.	3.3	55
17	The Treatment of Plasmodium knowlesi Malaria. Trends in Parasitology, 2017, 33, 242-253.	3.3	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. Journal of Clinical Microbiology, 2014, 52, 2053-2060.	3.9	46

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19	Circulating Neutrophil Extracellular Traps and Neutrophil Activation Are Increased in Proportion to Disease Severity in Human Malaria. Journal of Infectious Diseases, 2019, 219, 1994-2004.	4.0	46
20	Efficacy of Artesunate-mefloquine for Chloroquine-resistantPlasmodium vivaxMalaria in Malaysia: An Open-label, Randomized, Controlled Trial. Clinical Infectious Diseases, 2016, 62, 1403-1411.	5.8	44
21	Intravascular haemolysis in severe Plasmodium knowlesi malaria: association with endothelial activation, microvascular dysfunction, and acute kidney injury. Emerging Microbes and Infections, 2018, 7, 1-10.	6.5	43
22	Impaired Skeletal Muscle Microvascular Function and Increased Skeletal Muscle Oxygen Consumption in Severe Falciparum Malaria. Journal of Infectious Diseases, 2013, 207, 528-536.	4.0	42
23	Decreased Endothelial Nitric Oxide Bioavailability, Impaired Microvascular Function, and Increased Tissue Oxygen Consumption in Children with Falciparum Malaria. Journal of Infectious Diseases, 2014, 210, 1627-1632.	4.0	38
24	Effects of Aging on Parasite Biomass, Inflammation, Endothelial Activation, Microvascular Dysfunction and Disease Severity in Plasmodium knowlesi and Plasmodium falciparum Malaria. Journal of Infectious Diseases, 2017, 215, 1908-1917.	4.0	34
25	Impaired Systemic Tetrahydrobiopterin Bioavailability and Increased Dihydrobiopterin in Adult Falciparum Malaria: Association with Disease Severity, Impaired Microvascular Function and Increased Endothelial Activation. PLoS Pathogens, 2015, 11, e1004667.	4.7	33
26	Glycocalyx Breakdown Is Associated With Severe Disease and Fatal Outcome in Plasmodium falciparum Malaria. Clinical Infectious Diseases, 2019, 69, 1712-1720.	5.8	31
27	Impaired Systemic Tetrahydrobiopterin Bioavailability and Increased Oxidized Biopterins in Pediatric Falciparum Malaria: Association with Disease Severity. PLoS Pathogens, 2015, 11, e1004655.	4.7	29
28	Thalassemia Major Is a Major Risk Factor for Pediatric Melioidosis in Kota Kinabalu, Sabah, Malaysia. Clinical Infectious Diseases, 2015, 60, 1802-1807.	5.8	27
29	Metformin Use and Severe Dengue in Diabetic Adults. Scientific Reports, 2018, 8, 3344.	3.3	26
30	Clinical features of patients with Zika and dengue virus co-infection in Singapore. Journal of Infection, 2017, 74, 611-615.	3.3	24
31	Plasmodium knowlesiMalaria During Pregnancy. Journal of Infectious Diseases, 2015, 211, 1104-1110.	4.0	20
32	Case report: two human Streptococcus suis infections in Borneo, Sabah, Malaysia. BMC Infectious Diseases, 2017, 17, 188.	2.9	20
33	Improving Dengue Diagnostics and Management Through Innovative Technology. Current Infectious Disease Reports, 2018, 20, 25.	3.0	20
34	Nitric Oxideâ€“Dependent Endothelial Dysfunction and Reduced Arginine Bioavailability in Plasmodium vivax Malaria but No Greater Increase in Intravascular Hemolysis in Severe Disease. Journal of Infectious Diseases, 2016, 214, 1557-1564.	4.0	19
35	Immune cell phenotypes associated with disease severity and long-term neutralizing antibody titers after natural dengue virus infection. Cell Reports Medicine, 2021, 2, 100278.	6.5	19
36	Glycocalyx breakdown is increased in African children with cerebral and uncomplicated falciparum malaria. FASEB Journal, 2019, 33, 14185-14193.	0.5	18

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37	Malaria in Pregnancy: From Placental Infection to Its Abnormal Development and Damage. Frontiers in Microbiology, 2021, 12, 777343.	3.5	18
38	Association Between Increased Vascular Nitric Oxide Bioavailability and Progression to Dengue Hemorrhagic Fever in Adults. Journal of Infectious Diseases, 2015, 212, 711-714.	4.0	17
39	Clinical features and predictors of severity in COVID-19 patients with critical illness in Singapore. Scientific Reports, 2021, 11, 7477.	3.3	16
40	Genetic diversity in the C-terminus of merozoite surface protein 1 among Plasmodium knowlesi isolates from Selangor and Sabah Borneo, Malaysia. Infection, Genetics and Evolution, 2017, 54, 39-46.	2.3	15
41	Asymmetric Dimethylarginine in Adult Falciparum Malaria: Relationships With Disease Severity, Antimalarial Treatment, Hemolysis, and Inflammation. Open Forum Infectious Diseases, 2016, 3, ofw027.	0.9	13
42	Monitoring healthcare professionals after monkeypox exposure: Experience from the first case imported to Asia. Infection Control and Hospital Epidemiology, 2020, 41, 373-375.	1.8	12
43	Early Endothelial Activation Precedes Glycocalyx Degradation and Microvascular Dysfunction in Experimentally Induced Plasmodium falciparum and Plasmodium vivax Infection. Infection and Immunity, 2020, 88, .	2.2	12
44	Increased Carboxyhemoglobin in Adult Falciparum Malaria is Associated With Disease Severity and Mortality. Journal of Infectious Diseases, 2013, 208, 813-817.	4.0	11
45	Pharmacokinetic-Pharmacodynamic Model for the Effect of <scp>l</scp> -Arginine on Endothelial Function in Patients with Moderately Severe Falciparum Malaria. Antimicrobial Agents and Chemotherapy, 2016, 60, 198-205.	3.2	11
46	Retinal Changes in Uncomplicated and SeverePlasmodium knowlesiMalaria. Journal of Infectious Diseases, 2016, 213, 1476-1482.	4.0	11
47	Personalised randomised controlled trial designsâ€"a new paradigm to define optimal treatments for carbapenem-resistant infections. Lancet Infectious Diseases, The, 2021, 21, e175-e181.	9.1	11
48	Vascular Dysfunction in Malaria: Understanding the Role of the Endothelial Glycocalyx. Frontiers in Cell and Developmental Biology, 2021, 9, 751251.	3.7	11
49	Insights into potential causes of vascular hyperpermeability in dengue. PLoS Pathogens, 2021, 17, e1010065.	4.7	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. Pediatric Infectious Disease Journal, 2022, 41, 549-555.	2.0	10
51	Hyperlipidemia, statin use and dengue severity. Scientific Reports, 2018, 8, 17147.	3.3	7
52	Genetic polymorphism and natural selection in the C-terminal 42 kDa region of merozoite surface protein-1 (MSP-1) among Plasmodium knowlesi samples from Malaysia. Parasites and Vectors, 2018, 11, 626.	2.5	7
53	Endothelial glycocalyx degradation and disease severity in Plasmodium vivax and Plasmodium knowlesi malaria. Scientific Reports, 2021, 11, 9741.	3.3	6
54	Postmortem evidence of disseminated Zika virus infection in an adult patient. International Journal of Infectious Diseases, 2019, 83, 163-166.	3.3	5

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55	Degradation of endothelial glycocalyx in Tanzanian children with falciparum malaria. FASEB Journal, 2021, 35, e21805.	0.5	5
56	Decreased Microvascular Function in Tanzanian Children With Severe and Uncomplicated Falciparum Malaria. Open Forum Infectious Diseases, 2017, 4, ofx079.	0.9	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.	1.9	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, , .	0.6	2