

# Matthew J Grigg

## List of Publications by Year in descending order

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72  
papers

3,136  
citations

136885

32  
h-index

175177

52  
g-index

76  
all docs

76  
docs citations

76  
times ranked

2750  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Association between Landscape Factors and Spatial Patterns of <i>Plasmodium knowlesi</i> Infections in Sabah, Malaysia. <i>Emerging Infectious Diseases</i> , 2016, 22, 201-209.	2.0	138
3	Increasing Incidence of <i>Plasmodium knowlesi</i> Malaria following Control of <i>P. falciparum</i> and <i>P. vivax</i> Malaria in Sabah, Malaysia. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2026.	1.3	132
4	Limitations of microscopy to differentiate <i>Plasmodium</i> species in a region co-endemic for <i>Plasmodium falciparum</i> , <i>Plasmodium vivax</i> and <i>Plasmodium knowlesi</i> . <i>Malaria Journal</i> , 2013, 12, 8.	0.8	121
5	Parasite Biomass-Related Inflammation, Endothelial Activation, Microvascular Dysfunction and Disease Severity in Vivax Malaria. <i>PLoS Pathogens</i> , 2015, 11, e1004558.	2.1	120
6	Changing epidemiology of malaria in Sabah, Malaysia: increasing incidence of <i>Plasmodium knowlesi</i> . <i>Malaria Journal</i> , 2014, 13, 390.	0.8	107
7	Individual-level factors associated with the risk of acquiring human <i>Plasmodium knowlesi</i> malaria in Malaysia: a case-control study. <i>Lancet Planetary Health</i> , The, 2017, 1, e97-e104.	5.1	99
8	World Malaria Report: time to acknowledge <i>Plasmodium knowlesi</i> malaria. <i>Malaria Journal</i> , 2017, 16, 135.	0.8	97
9	<i>Plasmodium knowlesi</i> Malaria in Sabah, Malaysia, 2015–2017: 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
10	IgM in human immunity to <i>Plasmodium falciparum</i> malaria. <i>Science Advances</i> , 2019, 5, eaax4489.	4.7	92
11	The effect of chloroquine dose and primaquine on <i>Plasmodium vivax</i> recurrence: a WorldWide Antimalarial Resistance Network systematic review and individual patient pooled meta-analysis. <i>Lancet Infectious Diseases</i> , The, 2018, 18, 1025-1034.	4.6	85
12	Platelets kill circulating parasites of all major <i>Plasmodium</i> species in human malaria. <i>Blood</i> , 2018, 132, 1332-1344.	0.6	85
13	Evaluation of the Sensitivity of a pLDH-Based and an Aldolase-Based Rapid Diagnostic Test for Diagnosis of Uncomplicated and Severe Malaria Caused by PCR-Confirmed <i>Plasmodium knowlesi</i> , <i>Plasmodium falciparum</i> , and <i>Plasmodium vivax</i> . <i>Journal of Clinical Microbiology</i> , 2013, 51, 1118-1123.	1.8	80
14	Epidemiology of <i>Plasmodium knowlesi</i> malaria in north-east Sabah, Malaysia: family clusters and wide age distribution. <i>Malaria Journal</i> , 2012, 11, 401.	0.8	78
15	Age-Related Clinical Spectrum of <i>Plasmodium knowlesi</i> Malaria and Predictors of Severity. <i>Clinical Infectious Diseases</i> , 2018, 67, 350-359.	2.9	78
16	Environmental risk factors and exposure to the zoonotic malaria parasite <i>Plasmodium knowlesi</i> across northern Sabah, Malaysia: a population-based cross-sectional survey. <i>Lancet Planetary Health</i> , The, 2019, 3, e179-e186.	5.1	75
17	Exposure and infection to <i>Plasmodium knowlesi</i> in case study communities in Northern Sabah, Malaysia and Palawan, The Philippines. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006432.	1.3	72
18	Asymptomatic and Submicroscopic Carriage of <i>Plasmodium knowlesi</i> Malaria in Household and Community Members of Clinical Cases in Sabah, Malaysia. <i>Journal of Infectious Diseases</i> , 2016, 213, 784-787.	1.9	64

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19	Genomic analysis of a pre-elimination Malaysian <i>Plasmodium vivax</i> population reveals selective pressures and changing transmission dynamics. <i>Nature Communications</i> , 2018, 9, 2585.	5.8	59
20	Falling <i>Plasmodium knowlesi</i> Malaria Death Rate among Adults despite Rising Incidence, Sabah, Malaysia, 2010–2014. <i>Emerging Infectious Diseases</i> , 2016, 22, 41-8.	2.0	58
21	Artesunate–mefloquine versus chloroquine for treatment of uncomplicated <i>Plasmodium knowlesi</i> malaria in Malaysia (ACT KNOW): an open-label, randomised controlled trial. <i>Lancet Infectious Diseases</i> , The, 2016, 16, 180-188.	4.6	58
22	Deaths From <i>Plasmodium knowlesi</i> Malaria: Case Series and Systematic Review. <i>Clinical Infectious Diseases</i> , 2019, 69, 1703-1711.	2.9	57
23	Predictive analysis across spatial scales links zoonotic malaria to deforestation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20182351.	1.2	51
24	Novel RNA viruses associated with <i>Plasmodium vivax</i> in human malaria and <i>Leucocytozoon</i> parasites in avian disease. <i>PLoS Pathogens</i> , 2019, 15, e1008216.	2.1	50
25	The impact of delayed treatment of uncomplicated <i>P. falciparum</i> malaria on progression to severe malaria: A systematic review and a pooled multicentre individual-patient meta-analysis. <i>PLoS Medicine</i> , 2020, 17, e1003359.	3.9	50
26	The Treatment of <i>Plasmodium knowlesi</i> Malaria. <i>Trends in Parasitology</i> , 2017, 33, 242-253.	1.5	47
27	Combining Parasite Lactate Dehydrogenase-Based and Histidine-Rich Protein 2-Based Rapid Tests To Improve Specificity for Diagnosis of Malaria Due to <i>Plasmodium knowlesi</i> and Other <i>Plasmodium</i> Species in Sabah, Malaysia. <i>Journal of Clinical Microbiology</i> , 2014, 52, 2053-2060.	1.8	46
28	<i>Plasmodium vivax</i> Population Structure and Transmission Dynamics in Sabah Malaysia. <i>PLoS ONE</i> , 2013, 8, e82553.	1.1	45
29	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
30	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
31	Detection of <i>Plasmodium knowlesi</i> , <i>Plasmodium falciparum</i> and <i>Plasmodium vivax</i> using loop-mediated isothermal amplification (LAMP) in a co-endemic area in Malaysia. <i>Malaria Journal</i> , 2017, 16, 29.	0.8	40
32	Sensitive Detection of <i>Plasmodium vivax</i> Using a High-Throughput, Colourimetric Loop Mediated Isothermal Amplification (HtLAMP) Platform: A Potential Novel Tool for Malaria Elimination. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004443.	1.3	38
33	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
34	Reduced red blood cell deformability in <i>Plasmodium knowlesi</i> malaria. <i>Blood Advances</i> , 2018, 2, 433-443.	2.5	34
35	The haematological consequences of <i>Plasmodium vivax</i> malaria after chloroquine treatment with and without primaquine: a WorldWide Antimalarial Resistance Network systematic review and individual patient data meta-analysis. <i>BMC Medicine</i> , 2019, 17, 151.	2.3	34
36	The efficacy of dihydroartemisinin-piperaquine and artemether-lumefantrine with and without primaquine on <i>Plasmodium vivax</i> recurrence: A systematic review and individual patient data meta-analysis. <i>PLoS Medicine</i> , 2019, 16, e1002928.	3.9	27

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37	Artemether-Lumefantrine Versus Chloroquine for the Treatment of Uncomplicated Plasmodium knowlesi Malaria: An Open-Label Randomized Controlled Trial CAN KNOW. <i>Clinical Infectious Diseases</i> , 2018, 66, 229-236.	2.9	26
38	Identification and validation of a novel panel of Plasmodium knowlesi biomarkers of serological exposure. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006457.	1.3	26
39	Antiphosphatidylserine Immunoglobulin M and Immunoglobulin G Antibodies Are Higher in Vivax Than Falciparum Malaria, and Associated With Early Anemia in Both Species. <i>Journal of Infectious Diseases</i> , 2019, 220, 1435-1443.	1.9	26
40	Plasmacytoid dendritic cells appear inactive during sub-microscopic Plasmodium falciparum blood-stage infection, yet retain their ability to respond to TLR stimulation. <i>Scientific Reports</i> , 2017, 7, 2596.	1.6	24
41	Zoonotic Malaria: The Better You Look, the More You Find. <i>Journal of Infectious Diseases</i> , 2019, 219, 679-681.	1.9	22
42	An Evaluation of Commonly Used Surrogate Baseline Creatinine Values to Classify AKI During Acute Infection. <i>Kidney International Reports</i> , 2021, 6, 645-656.	0.4	22
43	Zoonotic malaria transmission and land use change in Southeast Asia: what is known about the vectors. <i>Malaria Journal</i> , 2022, 21, 109.	0.8	22
44	A Sensitive, Colorimetric, High-Throughput Loop-Mediated Isothermal Amplification Assay for the Detection of Plasmodium knowlesi. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016, 95, 120-122.	0.6	21
45	Malaria Parasite Clearance: What Are We Really Measuring?. <i>Trends in Parasitology</i> , 2020, 36, 413-426.	1.5	21
46	Plasmodium knowlesi Malaria During Pregnancy. <i>Journal of Infectious Diseases</i> , 2015, 211, 1104-1110.	1.9	20
47	Nitric Oxide-Dependent Endothelial Dysfunction and Reduced Arginine Bioavailability in Plasmodium vivax Malaria but No Greater Increase in Intravascular Hemolysis in Severe Disease. <i>Journal of Infectious Diseases</i> , 2016, 214, 1557-1564.	1.9	19
48	Plasmodium simium : a Brazilian focus of anthropozoonotic vivax malaria?. <i>The Lancet Global Health</i> , 2017, 5, e961-e962.	2.9	18
49	Dihydrofolate-Reductase Mutations in Plasmodium knowlesi Appear Unrelated to Selective Drug Pressure from Putative Human-To-Human Transmission in Sabah, Malaysia. <i>PLoS ONE</i> , 2016, 11, e0149519.	1.1	17
50	Liver Function Test Abnormalities in Experimental and Clinical Plasmodium vivax Infection. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 103, 1910-1917.	0.6	16
51	Intravascular haemolysis with haemoglobinuria in a splenectomized patient with severe Plasmodium knowlesi malaria. <i>Malaria Journal</i> , 2016, 15, 462.	0.8	15
52	Transfusion-transmitted severe Plasmodium knowlesi malaria in a splenectomized patient with beta-thalassaemia major in Sabah, Malaysia: a case report. <i>Malaria Journal</i> , 2016, 15, 357.	0.8	15
53	The effect of regularly dosed paracetamol versus no paracetamol on renal function in Plasmodium knowlesi malaria (PACKNOW): study protocol for a randomised controlled trial. <i>Trials</i> , 2018, 19, 250.	0.7	15
54	Induction and Kinetics of Complement-Fixing Antibodies Against Plasmodium vivax Merozoite Surface Protein 3 and Relationship With Immunoglobulin G Subclasses and Immunoglobulin M. <i>Journal of Infectious Diseases</i> , 2019, 220, 1950-1961.	1.9	15

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55	Clinical management of <i>Plasmodium knowlesi</i> malaria. <i>Advances in Parasitology</i> , 2021, 113, 45-76.	1.4	15
56	Comparative evaluation of two commercial real-time PCR kits (QuantiFast <sup>®</sup> and abTES <sup>®</sup> ) for the detection of <i>Plasmodium knowlesi</i> and other <i>Plasmodium</i> species in Sabah, Malaysia. <i>Malaria Journal</i> , 2020, 19, 306.	0.8	14
57	<i>Knowlesi</i> malaria: Human risk factors, clinical spectrum, and pathophysiology. <i>Advances in Parasitology</i> , 2021, 113, 1-43.	1.4	14
58	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
59	Retinal Changes in Uncomplicated and Severe <i>Plasmodium knowlesi</i> Malaria. <i>Journal of Infectious Diseases</i> , 2016, 213, 1476-1482.	1.9	11
60	The Effect of Regularly Dosed Acetaminophen vs No Acetaminophen on Renal Function in <i>Plasmodium knowlesi</i> Malaria (PACKNOW): A Randomized, Controlled Trial. <i>Clinical Infectious Diseases</i> , 2022, 75, 1379-1388.	2.9	10
61	<i>Plasmodium falciparum</i> artemisinin resistance monitoring in Sabah, Malaysia: in vivo therapeutic efficacy and kelch13 molecular marker surveillance. <i>Malaria Journal</i> , 2018, 17, 463.	0.8	8
62	Loss of complement regulatory proteins on red blood cells in mild malarial anaemia and in <i>Plasmodium falciparum</i> induced blood-stage infection. <i>Malaria Journal</i> , 2019, 18, 312.	0.8	7
63	<i>Plasmodium knowlesi</i> detection methods for human infections – Diagnosis and surveillance. <i>Advances in Parasitology</i> , 2021, 113, 77-130.	1.4	7
64	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
65	Diagnostic performance of a 5-plex malaria immunoassay in regions co-endemic for <i>Plasmodium falciparum</i> , <i>P. vivax</i> , <i>P. knowlesi</i> , <i>P. malariae</i> and <i>P. ovale</i> . <i>Scientific Reports</i> , 2022, 12, 7286.	1.6	6
66	<i>Plasmodium vivax</i> malaria serological exposure markers: Assessing the degree and implications of cross-reactivity with <i>P. knowlesi</i> . <i>Cell Reports Medicine</i> , 2022, 3, 100662.	3.3	6
67	A population of CD4 <sup>hi</sup> CD38 <sup>hi</sup> T cells correlates with disease severity in patients with acute malaria. <i>Clinical and Translational Immunology</i> , 2020, 9, e1209.	1.7	3
68	Reduced circulating dendritic cells in acute <i>Plasmodium knowlesi</i> and <i>Plasmodium falciparum</i> malaria despite elevated plasma Flt3 ligand levels. <i>Malaria Journal</i> , 2021, 20, 97.	0.8	3
69	Geographical distribution and genetic diversity of <i>Plasmodium vivax</i> reticulocyte binding protein 1a correlates with patient antigenicity. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010492.	1.3	2
70	Title is missing!. , 2019, 15, e1008216.		0
71	Title is missing!. , 2019, 15, e1008216.		0
72	Title is missing!. , 2019, 15, e1008216.		0