Aubrey J Cunnington

List of Publications by Year
in descending order

51 papers	2,104 citations	279798 23 h-index	254184 43 g-index
60 all docs	60 docs citations	60 times ranked	3309 citing authors

#	Article	IF	Citations
1	Treatment of Multisystem Inflammatory Syndrome in Children. New England Journal of Medicine, 2021, 385, 11-22.	27.0	254
2	Malaria impairs resistance to Salmonella through heme- and heme oxygenaseâ€“dependent dysfunctional granulocyte mobilization. Nature Medicine, 2012, 18, 120-127.	30.7	197
3	Neutrophil extracellular traps drive inflammatory pathogenesis in malaria. Science Immunology, 2019, 4, .	11.9	108
4	Prolonged Neutrophil Dysfunction after Plasmodium falciparum Malaria Is Related to Hemolysis and Heme Oxygenase-1 Induction. Journal of Immunology, 2012, 189, 5336-5346.	0.8	106
5	What's so bad about teenage pregnancy?. Journal of Family Planning and Reproductive Health Care, 2001, 27, 36-41.	0.8	98
6	Integrated pathogen load and dual transcriptome analysis of systemic host-pathogen interactions in severe malaria. Science Translational Medicine, 2018, 10, .	12.4	98
7	The association between malaria and non-typhoid Salmonella bacteraemia in children in sub-Saharan Africa: a literature review. Malaria Journal, 2014, 13, 400.	2.3	85
8	HMOX1 Gene Promoter Alleles and High HO-1 Levels Are Associated with Severe Malaria in Gambian Children. PLoS Pathogens, 2012, 8, e1002579.	4.7	81
9	Breath analysis to detect recent exposure to carbon monoxide. Postgraduate Medical Journal, 2002, 78, 233-237.	1.8	71
10	When do co-infections matter?. Current Opinion in Infectious Diseases, 2018, 31, 209-215.	3.1	71
11	â€œVaginal seedingâ€•of infants born by caesarean section. BMJ, The, 2016, 352, i227.	6.0	68
12	Effects of saline or albumin fluid bolus in resuscitation: evidence from re-analysis of the FEAST trial. Lancet Respiratory Medicine,the, 2019, 7, 581-593.	10.7	68
13	Stuck in a rut? Reconsidering the role of parasite sequestration in severe malaria syndromes. Trends in Parasitology, 2013, 29, 585-592.	3.3	55
14	The impact of delayed treatment of uncomplicated P. falciparum malaria on progression to severe malaria: A systematic review and a pooled multicentre individual-patient meta-analysis. PLoS Medicine, 2020, 17, e1003359.	8.4	50
15	Piecing Together the Puzzle of Severe Malaria. Science Translational Medicine, 2013, 5, 211ps18.	12.4	49
16	Transcriptomic Studies of Malaria: a Paradigm for Investigation of Systemic Host-Pathogen Interactions. Microbiology and Molecular Biology Reviews, 2018, 82, .	6.6	45
17	Comparison of parasite sequestration in uncomplicated and severe childhood Plasmodium falciparum malaria. Journal of Infection, 2013, 67, 220-230.	3.3	44
18	Infection-related hemolysis and susceptibility to Gram-negative bacterial co-infection. Frontiers in Microbiology, 2015, 6, 666.	3.5	42

#	Article	IF	Citations
19	Suppression of vaccine responses by malaria: insignificant or overlooked?. Expert Review of Vaccines, 2010, 9, 409-429.	4.4	41
20	Modelling upper respiratory viral load dynamics of SARS-CoV-2. BMC Medicine, 2022, 20, 25.	5.5	41
21	A Novel Framework for Phenotyping Children With Suspected or Confirmed Infection for Future Biomarker Studies. Frontiers in Pediatrics, 2021, 9, 688272.	1.9	34
22	Severe invasive Panton-Valentine Leucocidin positive Staphylococcus aureus infections in children in London, UK. Journal of Infection, 2009, 59, 28-36.	3.3	31
23	In transition: current health challenges and priorities in Sudan. BMJ Global Health, 2019, 4, e001723.	4.7	28
24	The Importance of Pathogen Load. PLoS Pathogens, 2015, 11, e1004563.	4.7	26
25	CARBOXYHEMOGLOBIN LEVELS IN KENYAN CHILDREN WITH PLASMODIUM FALCIPARUM MALARIA. American Journal of Tropical Medicine and Hygiene, 2004, 71, 43-47.	1.4	26
26	Determinants of Carboxyhemoglobin Levels and Relationship with Sepsis in a Retrospective Cohort of Preterm Neonates. PLoS ONE, 2016, 11, e0161784.	2.5	25
27	Impairment of neutrophil oxidative burst in children with sickle cell disease is associated with heme oxygenase-1. Haematologica, 2015, 100, 1508-1516.	3.5	23
28	Immunopathology of Acute Kidney Injury in Severe Malaria. Frontiers in Immunology, 2021, 12, 651739.	4.8	22
29	Predictors of outcome in childhood Plasmodium falciparum malaria. Virulence, 2020, 11, 199-221.	4.4	20
30	Modelling pathogen load dynamics to elucidate mechanistic determinants of hostâ€“Plasmodium falciparum interactions. Nature Microbiology, 2019, 4, 1592-1602.	13.3	19
31	Plasmodium Infection Is Associated with Impaired Hepatic Dimethylarginine Dimethylaminohydrolase Activity and Disruption of Nitric Oxide Synthase Inhibitor/Substrate Homeostasis. PLoS Pathogens, 2015, 11, e1005119.	4.7	18
32	Machine learning approaches classify clinical malaria outcomes based on haematological parameters. BMC Medicine, 2020, 18, 375.	5.5	17
33	A More Granular View of Neutrophils in Malaria. Trends in Parasitology, 2020, 36, 501-503.	3.3	17
34	Microvascular Dysfunction in Severe Plasmodium falciparum Malaria. Journal of Infectious Diseases, 2013, 207, 369-370.	4.0	13
35	Carboxyhemoglobin levels in Kenyan children with Plasmodium falciparum malaria. American Journal of Tropical Medicine and Hygiene, 2004, 71, 43-7.	1.4	13
36	New Therapies for Sepsis. Current Topics in Medicinal Chemistry, 2008, 8, 603-614.	2.1	12

#	Article	IF	Citations
37	The potential of digital molecular diagnostics for infectious diseases in sub-Saharan Africa. , 2022, 1, e0000064.		11
38	Comparative transcriptomic analysis reveals translationally relevant processes in mouse models of malaria. ELife, 2022, 11, .	6.0	10
39	Potent Virustatic Polymerâ€“Lipid Nanomimics Block Viral Entry and Inhibit Malaria Parasites In Vivo. ACS Central Science, 2022, 8, 1238-1257.	11.3	9
40	Shedding of the Vascular Endothelial Glycocalyx: A Common Pathway to Severe Malaria?. Clinical Infectious Diseases, 2019, 69, 1721-1723.	5.8	7
41	Comparison of leucocyte profiles between healthy children and those with asymptomatic and symptomatic Plasmodium falciparum infections. Malaria Journal, 2020, 19, 364.	2.3	7
42	Transcriptomic profile of adverse neurodevelopmental outcomes after neonatal encephalopathy. Scientific Reports, 2020, 10, 13100.	3.3	7
43	Immunization status of children with HIV: failure to protect a vulnerable population. HIV Medicine, 2011, 12, 447-448.	2.2	6
44	Localised release of matrix metallopeptidase 8 in fatal cerebral malaria. Clinical and Translational Immunology, 2021, 10, e1263.	3.8	6
45	Complement Factor H Levels Associate With Plasmodium falciparum Malaria Susceptibility and Severity. Open Forum Infectious Diseases, 2018, 5, ofy166.	0.9	5
46	What do differences in case fatality ratios between children and adults tell us about COVID-19?. European Respiratory Journal, 2020, 56, 2001601.	6.7	4
47	â€˜Bouncing Backâ€™ From Subclinical Malaria: Inflammation and Erythrocytosis After Resolution of P. falciparum Infection in Gambian Children. Frontiers in Immunology, 2022, 13, 780525.	4.8	4
48	Clinical and laboratory features associated with serum phosphate concentrations in malaria and other febrile illnesses. Malaria Journal, 2020, 19, 85.	2.3	3
49	Secondary re-analysis of the FEAST trial â€“ Authors' reply. Lancet Respiratory Medicine,the, 2019, 7, e31.	10.7	2
50	Why Are Some Babies Still Being Infected with HIV in the UK?. Advances in Experimental Medicine and Biology, 2010, 659, 57-71.	1.6	1
51	Author's reply to Banda and Lokugamage. BMJ, The, 2016, 352, i1738.	6.0	0