

David S Khoury

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

7,509
citations

394421

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330143

37
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all docs

54
docs citations

54
times ranked

10134
citing authors

#	ARTICLE	IF	CITATIONS
1	Neutralising antibody titres as predictors of protection against SARS-CoV-2 variants and the impact of boosting: a meta-analysis. <i>Lancet Microbe</i> , The, 2022, 3, e52-e61.	7.3	436
2	Relating In Vitro Neutralization Level and Protection in the CVnCoV (CUREVAC) Trial. <i>Clinical Infectious Diseases</i> , 2022, 75, e878-e879.	5.8	20
3	Hypnozoite dynamics for <i>Plasmodium vivax</i> malaria: The epidemiological effects of radical cure. <i>Journal of Theoretical Biology</i> , 2022, 537, 111014.	1.7	10
4	Omicron extensively but incompletely escapes Pfizer BNT162b2 neutralization. <i>Nature</i> , 2022, 602, 654-656.	27.8	928
5	Similarly efficacious anti-malarial drugs SJ733 and pyronaridine differ in their ability to remove circulating parasites in mice. <i>Malaria Journal</i> , 2022, 21, 49.	2.3	2
6	Efficient recall of Omicron-reactive B cell memory after a third dose of SARS-CoV-2 mRNA vaccine. <i>Cell</i> , 2022, 185, 1875-1887.e8.	28.9	148
7	Disentangling the relative importance of T cell responses in COVID-19: leading actors or supporting cast?. <i>Nature Reviews Immunology</i> , 2022, 22, 387-397.	22.7	93
8	Effect of novel antimalarial ZY-19489 on <i>Plasmodium falciparum</i> viability in a volunteer infection study. <i>Lancet Infectious Diseases</i> , The, 2022, 22, 760-761.	9.1	1
9	The magnitude and timing of recalled immunity after breakthrough infection is shaped by SARS-CoV-2 variants. <i>Immunity</i> , 2022, 55, 1316-1326.e4.	14.3	38
10	Platform for isolation and characterization of SARS-CoV-2 variants enables rapid characterization of Omicron in Australia. <i>Nature Microbiology</i> , 2022, 7, 896-908.	13.3	32
11	Parasite Viability as a Measure of <i>In Vivo</i> Drug Activity in Preclinical and Early Clinical Antimalarial Drug Assessment. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, .	3.2	3
12	Parasite Viability as a Superior Measure of Antimalarial Drug Activity in Humans. <i>Journal of Infectious Diseases</i> , 2021, 223, 2154-2163.	4.0	10
13	Evolution of immune responses to SARS-CoV-2 in mild-moderate COVID-19. <i>Nature Communications</i> , 2021, 12, 1162.	12.8	316
14	Prospects for durable immune control of SARS-CoV-2 and prevention of reinfection. <i>Nature Reviews Immunology</i> , 2021, 21, 395-404.	22.7	223
15	Neutralizing antibody levels are highly predictive of immune protection from symptomatic SARS-CoV-2 infection. <i>Nature Medicine</i> , 2021, 27, 1205-1211.	30.7	3,133
16	mRNA vaccines induce durable immune memory to SARS-CoV-2 and variants of concern. <i>Science</i> , 2021, 374, abm0829.	12.6	609
17	Reply to White and Watson. <i>Journal of Infectious Diseases</i> , 2021, 224, 739-740.	4.0	0
18	Transcriptome dynamics of CD4+ T cells during malaria maps gradual transit from effector to memory. <i>Nature Immunology</i> , 2020, 21, 1597-1610.	14.5	43

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19	Artemisinin Resistance and the Unique Selection Pressure of a Short-acting Antimalarial. Trends in Parasitology, 2020, 36, 884-887.	3.3	19
20	Quantifying and preventing Plasmodium vivax recurrences in primaquine-untreated pregnant women: An observational and modeling study in Brazil. PLoS Neglected Tropical Diseases, 2020, 14, e0008526.	3.0	16
21	Measuring immunity to SARS-CoV-2 infection: comparing assays and animal models. Nature Reviews Immunology, 2020, 20, 727-738.	22.7	107
22	Malaria Parasite Clearance: What Are We Really Measuring?. Trends in Parasitology, 2020, 36, 413-426.	3.3	21
23	A Plasmodium vivax experimental human infection model for evaluating efficacy of interventions. Journal of Clinical Investigation, 2020, 130, 2920-2927.	8.2	25
24	Plasmodium-specific antibodies block in vivo parasite growth without clearing infected red blood cells. PLoS Pathogens, 2019, 15, e1007599.	4.7	20
25	Functional cure of HIV: the scale of the challenge. Nature Reviews Immunology, 2019, 19, 45-54.	22.7	93
26	<i>In Silico</i> Investigation of the Decline in Clinical Efficacy of Artemisinin Combination Therapies Due to Increasing Artemisinin and Partner Drug Resistance. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	4
27	Quantification of host-mediated parasite clearance during blood-stage Plasmodium infection and anti-malarial drug treatment in mice. International Journal for Parasitology, 2018, 48, 903-913.	3.1	8
28	Within-host modeling of blood-stage malaria. Immunological Reviews, 2018, 285, 168-193.	6.0	26
29	Characterising the effect of antimalarial drugs on the maturation and clearance of murine blood-stage Plasmodium parasites in vivo. International Journal for Parasitology, 2017, 47, 913-922.	3.1	19
30	A mechanistic model quantifies artemisinin-induced parasite growth retardation in blood-stage Plasmodium falciparum infection. Journal of Theoretical Biology, 2017, 430, 117-127.	1.7	9
31	Host-mediated impairment of parasite maturation during blood-stage Plasmodium infection. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 7701-7706.	7.1	27
32	Why Do Hives Die? Using Mathematics to Solve the Problem of Honey Bee Colony Collapse. Mathematics for Industry, 2017, , 35-50.	0.4	6
33	Defining the Effectiveness of Antimalarial Chemotherapy: Investigation of the Lag in Parasite Clearance Following Drug Administration. Journal of Infectious Diseases, 2016, 214, 753-761.	4.0	13
34	Safety and Reproducibility of a Clinical Trial System Using Induced Blood Stage Plasmodium vivax Infection and Its Potential as a Model to Evaluate Malaria Transmission. PLoS Neglected Tropical Diseases, 2016, 10, e0005139.	3.0	39
35	Reduced erythrocyte susceptibility and increased host clearance of young parasites slows Plasmodium growth in a murine model of severe malaria. Scientific Reports, 2015, 5, 9412.	3.3	15
36	Effect of Mature Blood-Stage Plasmodium Parasite Sequestration on Pathogen Biomass in Mathematical and <i>In Vivo</i> Models of Malaria. Infection and Immunity, 2014, 82, 212-220.	2.2	26

#	ARTICLE	IF	CITATIONS
37	Onset of rigidity in 3D stretched string networks. European Physical Journal B, 2013, 86, 1.	1.5	0
38	Modelling Food and Population Dynamics in Honey Bee Colonies. PLoS ONE, 2013, 8, e59084.	2.5	129
39	A Quantitative Model of Honey Bee Colony Population Dynamics. PLoS ONE, 2011, 6, e18491.	2.5	204
40	Omicron extensively but incompletely escapes Pfizer BNT162b2 neutralization. Nature, 0, , .	27.8	104