

# Sophie G Zaloumis

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

1,011  
citations

430754

18  
h-index

454834

30  
g-index

48  
all docs

48  
docs citations

48  
times ranked

1653  
citing authors

#	ARTICLE	IF	CITATIONS
1	Altered temporal response of malaria parasites determines differential sensitivity to artemisinin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 5157-5162.	3.3	172
2	Gene-wide association study between the aromatase gene ( <i>CYP19A1</i> ) and female pattern hair loss. <i>British Journal of Dermatology</i> , 2009, 161, 289-294.	1.4	85
3	Childhood Wheeze Phenotypes Show Less Than Expected Growth in FEV <sub>1</sub> across Adolescence. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 189, 1351-1358.	2.5	75
4	Baldness and the androgen receptor: the AR polyglycine repeat polymorphism does not confer susceptibility to androgenetic alopecia. <i>Human Genetics</i> , 2007, 121, 451-457.	1.8	62
5	Early-Life Risk Factors for Childhood Wheeze Phenotypes in a High-Risk Birth Cohort. <i>Journal of Pediatrics</i> , 2014, 164, 289-294.e2.	0.9	53
6	Heightened self-reactivity associated with selective survival, but not expansion, of naïve virus-specific CD8 <sup>+</sup> T cells in aged mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 1333-1338.	3.3	45
7	Investigating the Efficacy of Triple Artemisinin-Based Combination Therapies for Treating Plasmodium falciparum Malaria Patients Using Mathematical Modeling. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	43
8	Assessing the utility of an anti-malarial pharmacokinetic-pharmacodynamic model for aiding drug clinical development. <i>Malaria Journal</i> , 2012, 11, 303.	0.8	42
9	Modeling the dynamics of Plasmodium falciparum gametocytes in humans during malaria infection. <i>ELife</i> , 2019, 8, .	2.8	36
10	Association analysis of oestrogen receptor beta gene ( <i>ESR2</i> ) polymorphisms with female pattern hair loss. <i>British Journal of Dermatology</i> , 2012, 166, 1131-1134.	1.4	31
11	Models for the analysis of repeated continuous outcome measures in clinical trials. <i>Respirology</i> , 2014, 19, 155-161.	1.3	30
12	Making the Most of Clinical Data: Reviewing the Role of Pharmacokinetic-Pharmacodynamic Models of Anti-malarial Drugs. <i>AAPS Journal</i> , 2014, 16, 962-974.	2.2	26
13	Natural history of simple heterozygosity for <i>C282Y</i> and <i>H63D</i> : A prospective 12-year study. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2015, 30, 719-725.	1.4	25
14	Evidence for two independent functional variants for androgenetic alopecia around the androgen receptor gene. <i>Experimental Dermatology</i> , 2010, 19, 1026-1028.	1.4	24
15	Hospitalisation with Infection, Asthma and Allergy in Kawasaki Disease Patients and Their Families: Genealogical Analysis Using Linked Population Data. <i>PLoS ONE</i> , 2011, 6, e28004.	1.1	24
16	Contribution of Functional Antimalarial Immunity to Measures of Parasite Clearance in Therapeutic Efficacy Studies of Artemisinin Derivatives. <i>Journal of Infectious Diseases</i> , 2019, 220, 1178-1187.	1.9	21
17	Malaria Parasite Clearance: What Are We Really Measuring?. <i>Trends in Parasitology</i> , 2020, 36, 413-426.	1.5	21
18	Differential impact of malaria control interventions on <i>P. falciparum</i> and <i>P. vivax</i> infections in young Papua New Guinean children. <i>BMC Medicine</i> , 2019, 17, 220.	2.3	19

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19	Artemisinin Resistance and the Unique Selection Pressure of a Short-acting Antimalarial. Trends in Parasitology, 2020, 36, 884-887.	1.5	19
20	Population Pharmacokinetics of Intravenous Artesunate: A Pooled Analysis of Individual Data From Patients With Severe Malaria. CPT: Pharmacometrics and Systems Pharmacology, 2014, 3, 1-9.	1.3	18
21	<i>HFE</i> p.C282Y homozygosity predisposes to rapid serum ferritin rise after menopause: A genotype-stratified cohort study of hemochromatosis in Australian women. Journal of Gastroenterology and Hepatology (Australia), 2017, 32, 797-802.	1.4	16
22	Intervals to Plasmodium falciparum recurrence after anti-malarial treatment in pregnancy: a longitudinal prospective cohort. Malaria Journal, 2015, 14, 221.	0.8	13
23	Modelling the time course of antimalarial parasite killing: a tour of animal and human models, translation and challenges. British Journal of Clinical Pharmacology, 2015, 79, 97-107.	1.1	13
24	Analysis of ex vivo drug response data of Plasmodium clinical isolates: the pros and cons of different computer programs and online platforms. Malaria Journal, 2016, 15, 137.	0.8	12
25	A Dynamic Stress Model Explains the Delayed Drug Effect in Artemisinin Treatment of Plasmodium falciparum. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	9
26	A mechanistic model quantifies artemisinin-induced parasite growth retardation in blood-stage Plasmodium falciparum infection. Journal of Theoretical Biology, 2017, 430, 117-127.	0.8	9
27	Sequential infection experiments for quantifying innate and adaptive immunity during influenza infection. PLoS Computational Biology, 2019, 15, e1006568.	1.5	9
28	Seeking an optimal dosing regimen for OZ439/DSM265 combination therapy for treating uncomplicated falciparum malaria. Journal of Antimicrobial Chemotherapy, 2021, 76, 2325-2334.	1.3	8
29	Scoping Review of Antimalarial Drug Candidates in Phase I and II Drug Development. Antimicrobial Agents and Chemotherapy, 2022, 66, AAC0165921.	1.4	8
30	Quantification of the dynamics of antibody response to malaria to inform sero-surveillance in pregnant women. Malaria Journal, 2022, 21, 75.	0.8	7
31	Community-based molecular and serological surveillance of subclinical malaria in Myanmar. BMC Medicine, 2021, 19, 121.	2.3	6
32	Contribution of genes and environment to variation in postural changes in mean arterial and pulse pressure. Journal of Hypertension, 2008, 26, 2319-2325.	0.3	5
33	Nonlinear Mixed-Effects Modelling of In Vitro Drug Susceptibility and Molecular Correlates of Multidrug Resistant Plasmodium falciparum. PLoS ONE, 2013, 8, e69505.	1.1	5
34	Non-proportional odds multivariate logistic regression of ordinal family data. Biometrical Journal, 2015, 57, 286-303.	0.6	4
35	<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, .	1.4	4
36	Parasite-Host Dynamics throughout Antimalarial Drug Development Stages Complicate the Translation of Parasite Clearance. Antimicrobial Agents and Chemotherapy, 2021, 65, .	1.4	3

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37	Transient childhood wheeze is associated with less atopy in adolescence. <i>Pediatric Allergy and Immunology</i> , 2020, 31, 913-919.	1.1	2
38	The hope in redefining atopy. <i>Clinical and Experimental Allergy</i> , 2013, 43, 583-585.	1.4	1
39	Development and Validation of an <i>In Silico</i> Decision Tool To Guide Optimization of Intravenous Artesunate Dosing Regimens for Severe Falciparum Malaria Patients. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	1.4	1
40	Utilising surface-level data to explore surface, tooth, individual and family influence on the aetiology of hypomineralised second primary molars. <i>Journal of Dentistry</i> , 2021, 113, 103797.	1.7	1
41	Anti-Gametocyte Antigen Humoral Immunity and Gametocytemia During Treatment of Uncomplicated Falciparum Malaria: A Multi-National Study. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 804470.	1.8	1
42	Comparison of antibody responses and parasite clearance in artemisinin therapeutic efficacy studies in Democratic Republic of Congo and Asia. <i>Journal of Infectious Diseases</i> , 0, , .	1.9	1
43	Presenting parasitological data: the good, the bad and the error bar. <i>Parasitology</i> , 2015, 142, 1351-1363.	0.7	0
44	New Mathematical Models of Antimalarial Drug Action to Improve Drug Dosing Regimens. <i>Mathematics for Industry</i> , 2018, , 7-11.	0.4	0