Petra Schneider

List of Publications by Year
in descending order

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32 papers	2,022 citations	331670 21 h-index	414414 32 g-index
36 all docs	36 docs citations	36 times ranked	1744 citing authors

#	Article	IF	Citations
1	Daily rhythms of both host and parasite affect antimalarial drug efficacy. Evolution, Medicine and Public Health, 2021, 9, 208-219.	2.5	7
2	The private life of malaria parasites: Strategies for sexual reproduction. Molecular and Biochemical Parasitology, 2021, 244, 111375.	1.1	19
3	Testing possible causes of gametocyte reduction in temporally out-of-synch malaria infections. Malaria Journal, 2020, 19, 17.	2.3	7
4	Adaptive phenotypic plasticity in malaria parasites is not constrained by previous responses to environmental change. Evolution, Medicine and Public Health, 2019, 2019, 190-198.	2.5	2
5	Evolutionary sex allocation theory explains sex ratios in natural Plasmodium falciparum infections. International Journal for Parasitology, 2019, 49, 601-604.	3.1	5
6	Adaptive plasticity in the gametocyte conversion rate of malaria parasites. PLoS Pathogens, 2018, 14, e1007371.	4.7	50
7	A multiplex assay for the sensitive detection and quantification of male and female Plasmodium falciparum gametocytes. Malaria Journal, 2018, 17, 441.	2.3	47
8	Adaptive periodicity in the infectivity of malaria gametocytes to mosquitoes. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20181876.	2.6	30
9	Premature Rejection of Plasticity in Conversion. Trends in Parasitology, 2018, 34, 633-634.	3.3	4
10	Phenotypic plasticity in reproductive effort: malaria parasites respond to resource availability. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20171229.	2.6	22
11	Associations between Season and Gametocyte Dynamics in Chronic Plasmodium falciparum Infections. PLoS ONE, 2016, 11, e0166699.	2.5	28
12	Quantification of female and male Plasmodium falciparum gametocytes by reverse transcriptase quantitative PCR. Molecular and Biochemical Parasitology, 2015, 199, 29-33.	1.1	59
13	Information use and plasticity in the reproductive decisions of malaria parasites. Malaria Journal, 2014, 13, 115.	2.3	12
14	Comparison of PfHRP-2/pLDH ELISA, qPCR and Microscopy for the Detection of Plasmodium Events and Prediction of Sick Visits during a Malaria Vaccine Study. PLoS ONE, 2013, 8, e56828.	2.5	19
15	Predicting mosquito infection from Plasmodium falciparum gametocyte density and estimating the reservoir of infection. ELife, 2013, 2, e00626.	6.0	175
16	Virulence, drug sensitivity and transmission success in the rodent malaria, Plasmodium chabaudi. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 4677-4685.	2.6	27
17	Causes of Variation in Malaria Infection Dynamics: Insights from Theory and Data. American Naturalist, 2011, 178, E174-E188.	2.1	26
18	Fitness costs of disrupting circadian rhythms in malaria parasites. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 2429-2436.	2.6	100

#	Article	IF	Citations
19	Competition and the Evolution of Reproductive Restraint in Malaria Parasites. American Naturalist, 2011, 177, 358-367.	2.1	91
20	Stress, drugs and the evolution of reproductive restraint in malaria parasites. Proceedings of the Royal Society B: Biological Sciences, 2010, 277, 3123-3129.	2.6	41
21	Antimalarial drugs: unexpected evolutionary consequences. Malaria Journal, 2010, 9, .	2.3	1
22	Substantial Contribution of Submicroscopical Plasmodium falciparum Gametocyte Carriage to the Infectious Reservoir in an Area of Seasonal Transmission. PLoS ONE, 2009, 4, e8410.	2.5	169
23	Gametocytes: insights gained during a decade of molecular monitoring. Trends in Parasitology, 2008, 24, 525-530.	3.3	77
24	Does the drug sensitivity of malaria parasites depend on their virulence?. Malaria Journal, 2008, 7, 257.	2.3	32
25	Application of molecular methods for monitoring transmission stages of malaria parasites. Biomedical Materials (Bristol), 2008, 3, 034007.	3.3	22
26	SUBMICROSCOPIC PLASMODIUM FALCIPARUM GAMETOCYTE DENSITIES FREQUENTLY RESULT IN MOSQUITO INFECTION. American Journal of Tropical Medicine and Hygiene, 2007, 76, 470-474.	1.4	261
27	AGE-DEPENDENT DISTRIBUTION OF PLASMODIUM FALCIPARUM GAMETOCYTES QUANTIFIED BY PFS25 REAL-TIME QT-NASBA IN A CROSS-SECTIONAL STUDY IN BURKINA FASO. American Journal of Tropical Medicine and Hygiene, 2007, 76, 626-630.	1.4	46
28	Submicroscopic Plasmodium falciparum gametocyte densities frequently result in mosquito infection. American Journal of Tropical Medicine and Hygiene, 2007, 76, 470-4.	1.4	202
29	Age-dependent distribution of Plasmodium falciparum gametocytes quantified by Pfs25 real-time QT-NASBA in a cross-sectional study in Burkina Faso. American Journal of Tropical Medicine and Hygiene, 2007, 76, 626-30.	1.4	37
30	(Sub)microscopic Plasmodium falciparum gametocytaemia in Kenyan children after treatment with sulphadoxine-pyrimethamine monotherapy or in combination with artesunate. International Journal for Parasitology, 2006, 36, 403-408.	3.1	85
31	Moderate Effect of Artemisininâ€Based Combination Therapy on Transmission ofPlasmodium falciparum. Journal of Infectious Diseases, 2006, 193, 1151-1159.	4.0	183
32	Quantification of Plasmodium falciparum gametocytes in differential stages of development by quantitative nucleic acid sequence-based amplification. Molecular and Biochemical Parasitology, 2004, 137, 35-41.	1.1	130