

# Maria Isabel Veiga

## List of Publications by Year in descending order

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38  
papers

1,448  
citations

361045

20  
h-index

360668

35  
g-index

39  
all docs

39  
docs citations

39  
times ranked

1755  
citing authors

#	ARTICLE	IF	CITATIONS
1	Globally prevalent PfMDR1 mutations modulate Plasmodium falciparum susceptibility to artemisinin-based combination therapies. Nature Communications, 2016, 7, 11553.	5.8	208
2	In Vivo Selection of <i>Plasmodium falciparum</i> Parasites Carrying the Chloroquine-Susceptible <i>pfprt</i> K76 Allele after Treatment with Artemether-Lumefantrine in Africa. Journal of Infectious Diseases, 2009, 199, 750-757.	1.9	183
3	Amodiaquine resistant Plasmodium falciparum malaria in vivo is associated with selection of <i>pfprt</i> 76T and <i>pfmdr1</i> 86Y. Infection, Genetics and Evolution, 2006, 6, 309-314.	1.0	144
4	Novel Polymorphisms in Plasmodium falciparum ABC Transporter Genes Are Associated with Major ACT Antimalarial Drug Resistance. PLoS ONE, 2011, 6, e20212.	1.1	80
5	<i>Plasmodium falciparum</i> Multidrug Resistance Protein 1 and Artemisinin-Based Combination Therapy in Africa. Journal of Infectious Diseases, 2009, 200, 1456-1464.	1.9	73
6	Diversity of the sarco/endoplasmic reticulum Ca <sup>2+</sup> -ATPase orthologue of Plasmodium falciparum (PfATP6). Infection, Genetics and Evolution, 2008, 8, 340-345.	1.0	52
7	Mycobacterium tuberculosis associated with severe tuberculosis evades cytosolic surveillance systems and modulates IL-1 $\beta$ production. Nature Communications, 2020, 11, 1949.	5.8	52
8	PfMDR1: Mechanisms of Transport Modulation by Functional Polymorphisms. PLoS ONE, 2011, 6, e23875.	1.1	51
9	Multiplex PCR-RFLP methods for <i>pfprt</i> , <i>pfmdr1</i> and <i>pfdhfr</i> mutations in Plasmodium falciparum. Molecular and Cellular Probes, 2006, 20, 100-104.	0.9	49
10	Polymorphism in PfMRP1 ( <i>Plasmodium falciparum</i> Multidrug Resistance Protein 1) Amino Acid 1466 Associated with Resistance to Sulfadoxine-Pyrimethamine Treatment. Antimicrobial Agents and Chemotherapy, 2009, 53, 2553-2556.	1.4	48
11	Hexahydroquinolines are antimalarial candidates with potent blood-stage and transmission-blocking activity. Nature Microbiology, 2017, 2, 1403-1414.	5.9	47
12	Influence of Consecutive-Day Blood Sampling on Polymerase Chain Reaction-Adjusted Parasitological Cure Rates in an Antimalarial Drug Trial Conducted in Tanzania. Journal of Infectious Diseases, 2007, 195, 597-601.	1.9	42
13	Pharmacogenomics of CYP2A6, CYP2B6, CYP2C19, CYP2D6, CYP3A4, CYP3A5 and MDR1 in Vietnam. European Journal of Clinical Pharmacology, 2009, 65, 355-363.	0.8	39
14	<i>pfmdr1</i> Amplification Is Related to Increased Plasmodium falciparum In Vitro Sensitivity to the Bisquinoline Piperaquine. Antimicrobial Agents and Chemotherapy, 2012, 56, 3615-3619.	1.4	34
15	Drug resistance associated genetic polymorphisms in Plasmodium falciparum and Plasmodium vivax collected in Honduras, Central America. Malaria Journal, 2011, 10, 376.	0.8	32
16	Prevalence of resistance associated polymorphisms in Plasmodium falciparum field isolates from southern Pakistan. Malaria Journal, 2011, 10, 18.	0.8	31
17	Polymorphism of Antimalarial Drug Metabolizing, Nuclear Receptor, and Drug Transport Genes among Malaria Patients in Zanzibar, East Africa. Therapeutic Drug Monitoring, 2008, 30, 10-15.	1.0	30
18	Antimalarial Exposure Delays Plasmodium falciparum Intra-Erythrocytic Cycle and Drives Drug Transporter Genes Expression. PLoS ONE, 2010, 5, e12408.	1.1	26

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19	<i>Plasmodium falciparum</i> population dynamics during the early phase of anti-malarial drug treatment in Tanzanian children with acute uncomplicated malaria. <i>Malaria Journal</i> , 2011, 10, 380.	0.8	25
20	Complex Polymorphisms in the <i>Plasmodium falciparum</i> Multidrug Resistance Protein 2 Gene and Its Contribution to Antimalarial Response. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 7390-7397.	1.4	25
21	Expansion of a Specific <i>Plasmodium falciparum</i> PfMDR1 Haplotype in Southeast Asia with Increased Substrate Transport. <i>MBio</i> , 2020, 11, .	1.8	22
22	<i>Plasmodium falciparum</i> Plasmeprin 2 Duplications, West Africa. <i>Emerging Infectious Diseases</i> , 2018, 24, 1591-1593.	2.0	20
23	<i>Plasmodium falciparum</i> K13 expression associated with parasite clearance during artemisinin-based combination therapy. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 1890-1893.	1.3	17
24	Rapid phenotyping towards personalized malaria medicine. <i>Malaria Journal</i> , 2020, 19, 68.	0.8	17
25	Multigenic architecture of piperazine resistance trait in <i>Plasmodium falciparum</i> . <i>Lancet Infectious Diseases</i> , The, 2020, 20, 26-27.	4.6	16
26	The Future in Sensing Technologies for Malaria Surveillance: A Review of Hemozoin-Based Diagnosis. <i>ACS Sensors</i> , 2021, 6, 3898-3911.	4.0	14
27	Review of Microdevices for Hemozoin-Based Malaria Detection. <i>Biosensors</i> , 2022, 12, 110.	2.3	14
28	Portable Device for Optical Quantification of Hemozoin in Diluted Blood Samples. <i>IEEE Transactions on Biomedical Engineering</i> , 2020, 67, 365-371.	2.5	12
29	Multilayer Thin-Film Optical Filters for Reflectance-Based Malaria Diagnostics. <i>Micromachines</i> , 2021, 12, 890.	1.4	12
30	OmniSARS2: A Highly Sensitive and Specific RT-qPCR-Based COVID-19 Diagnostic Method Designed to Withstand SARS-CoV-2 Lineage Evolution. <i>Biomedicines</i> , 2021, 9, 1314.	1.4	8
31	Single nucleotide polymorphisms in <i>Plasmodium falciparum</i> V type H <sup>+</sup> pyrophosphatase gene (pfvp2) and their associations with pfprt and pfmdr1 polymorphisms. <i>Infection, Genetics and Evolution</i> , 2014, 24, 111-115.	1.0	6
32	Development of an Ultraviolet-C Irradiation Room in a Public Portuguese Hospital for Safe Re-Utilization of Personal Protective Respirators. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4854.	1.2	6
33	The Vietnamese Khin Population Harbors Particular N-Acetyltransferase 2 Allele Frequencies. <i>Clinical Chemistry</i> , 2007, 53, 1977-1979.	1.5	5
34	Antimalarial resistance and DHFR/DHPS genotypes of <i>Plasmodium falciparum</i> three years after introduction of sulfadoxine-pyrimethamine and amodiaquine in rural Tanzania. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2008, 102, 137-142.	0.7	5
35	Chloroquine-susceptible and -resistant <i>Plasmodium falciparum</i> strains survive high chloroquine concentrations by becoming dormant but are eliminated by prolonged exposure. <i>Journal of Antimicrobial Chemotherapy</i> , 2022, 77, 1005-1011.	1.3	2
36	Tuberculosis severity and its association with pathogen phylogeny and properties. , 2017, , .		1

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37	Dosage of Single Low-Dose Primaquine to Stop Malaria Transmission. Journal of Infectious Diseases, 2018, 217, 1849-1850.	1.9	0
38	Investiga��o ao servi�o da sociedade. , 2020, , 310-330.		0