Marcelo U Ferreira

List of Publications by Year
in descending order

246 papers	9,967 citations	34105 52 h-index	62596 80 g-index
261 all docs	261 docs citations	261 times ranked	7606 citing authors

#	Article	IF	Citations
1	Microsatellite Markers Reveal a Spectrum of Population Structures in the Malaria Parasite Plasmodium falciparum. Molecular Biology and Evolution, 2000, 17, 1467-1482.	8.9	693
2	Human toxocariasis: diagnosis, worldwide seroprevalences and clinical expression of the systemic and ocular forms. Annals of Tropical Medicine and Parasitology, 2010, 104, 3-23.	1.6	323
3	Population genomics studies identify signatures of global dispersal and drug resistance in Plasmodium vivax. Nature Genetics, 2016, 48, 953-958.	21.4	194
4	Genomic analysis of local variation and recent evolution in Plasmodium vivax. Nature Genetics, 2016, 48, 959-964.	21.4	169
5	Transferrin receptor 1 is a reticulocyte-specific receptor for <i>Plasmodium vivax</i>. Science, 2018, 359, 48-55.	12.6	158
6	Challenges for malaria elimination in Brazil. Malaria Journal, 2016, 15, 284.	2.3	146
7	Bone Marrow Is a Major Parasite Reservoir in Plasmodium vivax Infection. MBio, 2018, 9, .	4.1	141
8	Mosaic organization and heterogeneity in frequency of allelic recombination of the Plasmodium vivax merozoite surface protein-1 locus. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 16348-16353.	7.1	135
9	Population Structure and Transmission Dynamics ofPlasmodium vivaxin Rural Amazonia. Journal of Infectious Diseases, 2007, 195, 1218-1226.	4.0	129
10	Plasmodium falciparum Accompanied the Human Expansion out of Africa. Current Biology, 2010, 20, 1283-1289.	3.9	121
11	Amazonian malaria: Asymptomatic human reservoirs, diagnostic challenges, environmentally driven changes in mosquito vector populations, and the mandate for sustainable control strategies. Acta Tropica, 2012, 121, 281-291.	2.0	120
12	Genome-wide SNP genotyping highlights the role of natural selection in Plasmodium falciparumpopulation divergence. Genome Biology, 2008, 9, R171.	8.8	119
13	Fy ^a /Fy ^b antigen polymorphism in human erythrocyte Duffy antigen affects susceptibility to <i>Plasmodium vivax</i> malaria. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 20113-20118.	7.1	116
14	Hypoendemic Malaria in Rondonia (Brazil, Western Amazon Region): Seasonal Variation and Risk Groups in an Urban Locality. American Journal of Tropical Medicine and Hygiene, 1996, 55, 32-38.	1.4	105
15	Unstable Hypoendemic Malaria in Rondonia (Western Amazon Region, Brazil): Epidemic Outbreaks and Work-Associated Incidence in an Agro-Industrial Rural Settlement. American Journal of Tropical Medicine and Hygiene, 1994, 51, 16-25.	1.4	104
16	Extensive microsatellite diversity in the human malaria parasite Plasmodium vivax. Gene, 2008, 410, 105-112.	2.2	103
17	Antigenic Diversity and Immune Evasion by Malaria Parasites. Vaccine Journal, 2004, 11, 987-995.	2.6	100
18	Age-Dependent Acquisition of Protective Immunity to Malaria in Riverine Populations of the Amazon Basin of Brazil. American Journal of Tropical Medicine and Hygiene, 2009, 80, 452-459.	1.4	97

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19	Sex-specific and blood meal-induced proteins of Anopheles gambiae midguts: analysis by two-dimensional gel electrophoresis. Malaria Journal, 2003, 2, 1.	2.3	96
20	Sequence diversity and evolution of the malaria vaccine candidate merozoite surface protein-1 (MSP-1) of Plasmodium falciparum. Gene, 2003, 304, 65-75.	2.2	95
21	Infectious causes of microcephaly: epidemiology, pathogenesis, diagnosis, and management. Lancet Infectious Diseases, The, 2018, 18, e1-e13.	9.1	92
22	Development of a Single Nucleotide Polymorphism Barcode to Genotype Plasmodium vivax Infections. PLoS Neglected Tropical Diseases, 2015, 9, e0003539.	3.0	90
23	Malaria on the Amazonian Frontier: Transmission Dynamics, Risk Factors, Spatial Distribution, and Prospects for Control. American Journal of Tropical Medicine and Hygiene, 2008, 79, 624-635.	1.4	90
24	Geographic Structure of Plasmodium vivax: Microsatellite Analysis of Parasite Populations from Sri Lanka, Myanmar, and Ethiopia. American Journal of Tropical Medicine and Hygiene, 2010, 82, 235-242.	1.4	88
25	High prevalence of Plasmodium malariae and Plasmodium ovale in malaria patients along the Thai-Myanmar border, as revealed by acridine orange staining and PCR-based diagnoses. Tropical Medicine and International Health, 1998, 3, 304-312.	2.3	86
26	Genetic Structure ofPlasmodium falciparumPopulations in the Brazilian Amazon Region. Journal of Infectious Diseases, 2004, 190, 1547-1555.	4.0	86
27	Epidemiology of Disappearing Plasmodium vivax Malaria: A Case Study in Rural Amazonia. PLoS Neglected Tropical Diseases, 2014, 8, e3109.	3.0	86
28	Mitochondrial Genome Sequences Support Ancient Population Expansion in Plasmodium vivax. Molecular Biology and Evolution, 2005, 22, 1733-1739.	8.9	85
29	Underlying Factors Associated with Anemia in Amazonian Children: A Population-Based, Cross-Sectional Study. PLoS ONE, 2012, 7, e36341.	2.5	85
30	Fourteen polymorphic microsatellite DNA markers for the human malaria parasite Plasmodium vivax. Molecular Ecology Notes, 2006, 7, 172-175.	1.7	84
31	Red Blood Cell Polymorphism and Susceptibility to Plasmodium vivax. Advances in Parasitology, 2013, 81, 27-76.	3.2	83
32	Malaria Molecular Epidemiology: Lessons from the International Centers of Excellence for Malaria Research Network. American Journal of Tropical Medicine and Hygiene, 2015, 93, 79-86.	1.4	80
33	Urban Malaria: Understanding its Epidemiology, Ecology, and Transmission Across Seven Diverse ICEMR Network Sites. American Journal of Tropical Medicine and Hygiene, 2015, 93, 110-123.	1.4	79
34	The Origin of Antigenic Diversity in Plasmodium falciparum. Parasitology Today, 2000, 16, 390-396.	3.0	76
35	Human migration and the spread of malaria parasites to the New World. Scientific Reports, 2018, 8, 1993.	3.3	76
36	Individual variation in susceptibility or exposure to SARS-CoV-2 lowers the herd immunity threshold. Journal of Theoretical Biology, 2022, 540, 111063.	1.7	75

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37	Limited Geographical Origin and Global Spread of Sulfadoxine-Resistant dhps Alleles in Plasmodium falciparum Populations. Journal of Infectious Diseases, 2011, 204, 1980-1988.	4.0	74
38	pfcrtPolymorphism and the Spread of Chloroquine Resistance inPlasmodium falciparumPopulations across the Amazon Basin. Journal of Infectious Diseases, 2004, 190, 417-424.	4.0	73
39	Recurrent Parasitemias and Population Dynamics of Plasmodium vivax Polymorphisms in Rural Amazonia. American Journal of Tropical Medicine and Hygiene, 2009, 81, 961-968.	1.4	72
40	Plasmodium falciparum:Allelic Variation in the Merozoite Surface Protein 1 Gene in Wild Isolates from Southern Vietnam. Experimental Parasitology, 1997, 86, 45-57.	1.2	71
41	Cytokine Balance in Human Malaria: Does Plasmodium vivax Elicit More Inflammatory Responses than Plasmodium falciparum?. PLoS ONE, 2012, 7, e44394.	2.5	70
42	Wide distribution of Plasmodium ovale in Myanmar. Tropical Medicine and International Health, 2002, 7, 231-239.	2.3	68
43	CD4⁺CD25⁺Foxp3⁺Regulatory T Cells, Dendritic Cells, and Circulating Cytokines in Uncomplicated Malaria: Do Different Parasite Species Elicit Similar Host Responses?. Infection and Immunity, 2010, 78, 4763-4772.	2.2	67
44	The Isotype Composition and Avidity of Naturally Acquired Anti-Plasmodium falciparum Antibodies: Differential Patterns in Clinically Immune Africans and Amazonian Patients. American Journal of Tropical Medicine and Hygiene, 1996, 55, 315-323.	1.4	64
45	Age-dependent acquisition of protective immunity to malaria in riverine populations of the Amazon Basin of Brazil. American Journal of Tropical Medicine and Hygiene, 2009, 80, 452-9.	1.4	63
46	Strains used in whole organism Plasmodium falciparum vaccine trials differ in genome structure, sequence, and immunogenic potential. Genome Medicine, 2020, 12, 6.	8.2	61
47	How Prevalant are Plasmodium ovale and P. malariae in East Asia?. Parasitology Today, 1999, 15, 422-426.	3.0	60
48	TendÃªncia secular das parasitoses intestinais na infÃ¢ncia na cidade de SÃ£o Paulo (1984-1996). Revista De Saude Publica, 2000, 34, 73-82.	1.7	60
49	Molecular Analysis of<i>Plasmodium ovale</i>Variants. Emerging Infectious Diseases, 2004, 10, 1235-1240.	4.3	60
50	Plasmodium vivax Diversity and Population Structure across Four Continents. PLoS Neglected Tropical Diseases, 2015, 9, e0003872.	3.0	59
51	Emerging Plasmodium vivax resistance to chloroquine in South America: an overview. Memorias Do Instituto Oswaldo Cruz, 2014, 109, 534-539.	1.6	58
52	Prevalence and spatial distribution of intestinal parasitic infections in a rural Amazonian settlement, Acre State, Brazil. Cadernos De Saude Publica, 2007, 23, 427-434.	1.0	57
53	Plasmodium falciparum: Worldwide sequence diversity and evolution of the malaria vaccine candidate merozoite surface protein-2 (MSP-2). Experimental Parasitology, 2007, 115, 32-40.	1.2	56
54	Epidemiology and control of frontier malaria in Brazil: lessons from community-based studies in rural Amazonia. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2010, 104, 343-350.	1.8	56

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55	Child health and nutrition in the Western Brazilian Amazon: population-based surveys in two counties in Acre State. Cadernos De Saude Publica, 2007, 23, 1283-1293.	1.0	55
56	The Sri Lankan paradox: high genetic diversity in Plasmodium vivax populations despite decreasing levels of malaria transmission. Parasitology, 2014, 141, 880-890.	1.5	55
57	Higher microsatellite diversity in Plasmodium vivax than in sympatric Plasmodium falciparum populations in Pursat, Western Cambodia. Experimental Parasitology, 2013, 134, 318-326.	1.2	52
58	Structural basis for neutralization of Plasmodium vivax by naturally acquired human antibodies that target DBP. Nature Microbiology, 2019, 4, 1486-1496.	13.3	52
59	Malaria on the Amazonian frontier: transmission dynamics, risk factors, spatial distribution, and prospects for control. American Journal of Tropical Medicine and Hygiene, 2008, 79, 624-35.	1.4	52
60	Human Toxocariasis in Rural Brazilian Amazonia: Seroprevalence, Risk Factors, and Spatial Distribution. American Journal of Tropical Medicine and Hygiene, 2008, 79, 93-98.	1.4	51
61	How prevalent is Plasmodium malariae in RondÃ´nia, Western Brazilian Amazon?. Revista Da Sociedade Brasileira De Medicina Tropical, 2000, 33, 489-492.	0.9	50
62	A closer look at multiple-clone Plasmodium vivax infections: detection methods, prevalence and consequences. Memorias Do Instituto Oswaldo Cruz, 2009, 104, 67-73.	1.6	50
63	Independent Origin and Global Distribution of Distinct Plasmodium vivax Duffy Binding Protein Gene Duplications. PLoS Neglected Tropical Diseases, 2016, 10, e0005091.	3.0	48
64	Clinical spectrum of uncomplicated malaria in semi-immune Amazonians: beyond the " symptomatic " vs " asymptomatic " dichotomy. Memorias Do Instituto Oswaldo Cruz, 2007, 102, 341-348.	1.6	47
65	Genome-wide diversity and differentiation in New World populations of the human malaria parasite Plasmodium vivax. PLoS Neglected Tropical Diseases, 2017, 11, e0005824.	3.0	47
66	Single-nucleotide polymorphism, linkage disequilibrium and geographic structure in the malaria parasite Plasmodium vivax: prospects for genome-wide association studies. BMC Genetics, 2010, 11, 65.	2.7	46
67	Whole genome sequencing analysis of Plasmodium vivax using whole genome capture. BMC Genomics, 2012, 13, 262.	2.8	46
68	Geographical patterns of allelic diversity in the Plasmodium falciparum malaria-vaccine candidate, merozoite surface protein-2. Annals of Tropical Medicine and Parasitology, 2001, 95, 117-132.	1.6	46
69	Allelic Diversity and Antibody Recognition of<i>Plasmodium falciparum</i>Merozoite Surface Protein 1 during Hypoendemic Malaria Transmission in the Brazilian Amazon Region. Infection and Immunity, 1999, 67, 5906-5916.	2.2	46
70	The assessment of antibody affinity distribution by thiocyanate elution: a simple dose-response approach. Journal of Immunological Methods, 1995, 187, 297-305.	1.4	45
71	Rapid epidemiologic assessment of glucose-6-phosphate dehydrogenase deficiency in malaria-endemic areas in Southeast Asia using a novel diagnostic kit. Tropical Medicine and International Health, 2004, 9, 615-623.	2.3	44
72	The Acre Project: the epidemiology of malaria and arthropod-borne virus infections in a rural Amazonian population. Cadernos De Saude Publica, 2006, 22, 1325-1334.	1.0	44

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73	Keras R-CNN: library for cell detection in biological images using deep neural networks. BMC Bioinformatics, 2020, 21, 300.	2.6	44
74	A Plasmodium vivax Vaccine Candidate Displays Limited Allele Polymorphism, Which Does Not Restrict Recognition by Antibodies. Molecular Medicine, 1999, 5, 459-470.	4.4	43
75	Allelic diversity at the merozoite surface protein-1 locus of Plasmodium falciparum in clinical isolates from the southwestern Brazilian Amazon.. American Journal of Tropical Medicine and Hygiene, 1998, 59, 474-480.	1.4	43
76	Hepatitis A and E seroprevalence and associated risk factors: a community-based cross-sectional survey in rural Amazonia. BMC Infectious Diseases, 2014, 14, 458.	2.9	42
77	Naturally Acquired Binding-Inhibitory Antibodies to<i>Plasmodium vivax</i>Duffy Binding Protein and Clinical Immunity to Malaria in Rural Amazonians. Journal of Infectious Diseases, 2016, 214, 1539-1546.	4.0	42
78	Isolation and Characterization of Mayaro Virus from a Human in Acre, Brazil. American Journal of Tropical Medicine and Hygiene, 2015, 92, 401-404.	1.4	40
79	Enhanced Ex Vivo Plasmodium vivax Intraerythrocytic Enrichment and Maturation for Rapid and Sensitive Parasite Growth Assays. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	40
80	The immunology of <i>Plasmodium vivax</i> malaria. Immunological Reviews, 2020, 293, 163-189.	6.0	38
81	Stable Patterns of Allelic Diversity at the Merozoite Surface Protein-1 Locus of Plasmodium falciparum in Clinical Isolates from Southern Vietnam. Journal of Eukaryotic Microbiology, 1998, 45, 131-136.	1.7	37
82	The Hidden Burden of Plasmodium vivax Malaria in Pregnancy in the Amazon: An Observational Study in Northwestern Brazil. American Journal of Tropical Medicine and Hygiene, 2018, 99, 73-83.	1.4	37
83	Risk Factors for Dengue Virus Infection in Rural Amazonia: Population-based Cross-sectional Surveys. American Journal of Tropical Medicine and Hygiene, 2008, 79, 485-494.	1.4	37
84	Intestinal parasitic infections in young children in SÃ£o Paulo, Brazil: prevalences, temporal trends and associations with physical growth. Annals of Tropical Medicine and Parasitology, 2002, 96, 503-512.	1.6	36
85	Extense variant gene family repertoire overlap in Western Amazon Plasmodium falciparum isolates. Molecular and Biochemical Parasitology, 2006, 150, 157-165.	1.1	35
86	Worldwide sequence conservation of transmission-blocking vaccine candidate Pvs230 in Plasmodium vivax. Vaccine, 2011, 29, 4308-4315.	3.8	35
87	Plasmodium vivax: Reverse transcriptase real-time PCR for gametocyte detection and quantitation in clinical samples. Experimental Parasitology, 2012, 132, 348-354.	1.2	35
88	<i>Mansonella ozzardi</i>: a neglected New World filarial nematode. Pathogens and Global Health, 2016, 110, 97-107.	2.3	35
89	Bottle Feeding and Exposure to Toxocara as Risk Factors for Wheezing Illness among Under-five Amazonian Children: A Population-based Cross-sectional Study. Journal of Tropical Pediatrics, 2006, 53, 119-124.	1.5	34
90	Leishmaniasis: current challenges and prospects for elimination with special focus on the South Asian region. Parasitology, 2018, 145, 425-429.	1.5	34

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91	Cohort profile: the Maternal and Child Health and Nutrition in Acre, Brazil, birth cohort study (MINA-Brazil). BMJ Open, 2020, 10, e034513.	1.9	34
92	Assessing the effects of global warming and local social and economic conditions on the malaria transmission. Revista De Saude Publica, 2000, 34, 214-222.	1.7	33
93	Antigenic Polymorphism and Naturally Acquired Antibodies to Plasmodium vivax Merozoite Surface Protein 1 in Rural Amazonians. Vaccine Journal, 2007, 14, 1249-1259.	3.1	33
94	Monitoring Plasmodium vivax resistance to antimalarials: Persisting challenges and future directions. International Journal for Parasitology: Drugs and Drug Resistance, 2021, 15, 9-24.	3.4	33
95	Anemia and Iron Deficiency in School Children, Adolescents, and Adults: A Community-Based Study in Rural Amazonia. American Journal of Public Health, 2007, 97, 237-239.	2.7	32
96	Sporadic Oropouche Infection, Acre, Brazil. Emerging Infectious Diseases, 2009, 15, 348-350.	4.3	32
97	Modeling the Effects of Relapse in the Transmission Dynamics of Malaria Parasites. Journal of Parasitology Research, 2012, 2012, 1-8.	1.2	32
98	The risk of Plasmodium vivax parasitaemia after P. falciparum malaria: An individual patient data meta-analysis from the WorldWide Antimalarial Resistance Network. PLoS Medicine, 2020, 17, e1003393.	8.4	32
99	Characterization of Naturally Acquired Human IgG Responses against the N-Terminal Region of the Merozoite Surface Protein 1 of Plasmodium vivax. American Journal of Tropical Medicine and Hygiene, 1994, 51, 68-76.	1.4	32
100	Wheezing conditions in early childhood: prevalence and risk factors in the city of SÃ£o Paulo, Brazil. Bulletin of the World Health Organization, 2004, 82, 516-22.	3.3	32
101	Multi-character population study of the vir subtelomeric multigene superfamily of Plasmodium vivax, a major human malaria parasite. Molecular and Biochemical Parasitology, 2006, 149, 10-16.	1.1	31
102	Naturally Acquired Antibodies to Plasmodium vivax Duffy Binding Protein (DBP) in Rural Brazilian Amazon. American Journal of Tropical Medicine and Hygiene, 2010, 82, 185-193.	1.4	31
103	Genetic variability and natural selection at the ligand domain of the Duffy binding protein in brazilian Plasmodium vivax populations. Malaria Journal, 2010, 9, 334.	2.3	31
104	Generation of an immortalized erythroid progenitor cell line from peripheral blood: A model system for the functional analysis of Plasmodium spp. invasion. American Journal of Hematology, 2019, 94, 963-974.	4.1	31
105	Monitoring the Efficacy of Chloroquine-Primaquine Therapy for Uncomplicated Plasmodium vivax Malaria in the Main Transmission Hot Spot of Brazil. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	31
106	Population dynamics of genetically diverse<i>Plasmodium falciparum</i>lineages: community-based prospective study in rural Amazonia. Parasitology, 2009, 136, 1097-1105.	1.5	30
107	Using Mitochondrial Genome Sequences to Track the Origin of Imported Plasmodium vivax Infections Diagnosed in the United States. American Journal of Tropical Medicine and Hygiene, 2014, 90, 1102-1108.	1.4	30
108	Parasite virulence, co-infections and cytokine balance in malaria. Pathogens and Global Health, 2014, 108, 173-178.	2.3	30

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109	Selection and genetic drift of polymorphisms within the merozoite surface protein-1 gene of Plasmodium falciparum. Gene, 2000, 241, 325-331.	2.2	29
110	Evolution of allelic dimorphism in malarial surface antigens. Heredity, 2008, 100, 103-110.	2.6	29
111	Single-Nucleotide Polymorphism and Copy Number Variation of the Multidrug Resistance-1 Locus of Plasmodium vivax: Local and Global Patterns. American Journal of Tropical Medicine and Hygiene, 2012, 87, 813-821.	1.4	29
112	Seroprevalence of orthopoxvirus in an Amazonian rural village, Acre, Brazil. Archives of Virology, 2010, 155, 1139-1144.	2.1	28
113	Geographic differentiation of polymorphism in the Plasmodium falciparum malaria vaccine candidate gene SERA5. Vaccine, 2012, 30, 1583-1593.	3.8	28
114	Fucosylated Chondroitin Sulfate Inhibits Plasmodium falciparum Cytoadhesion and Merozoite Invasion. Antimicrobial Agents and Chemotherapy, 2014, 58, 1862-1871.	3.2	28
115	Molecular markers and genetic diversity of Plasmodium vivax. Memorias Do Instituto Oswaldo Cruz, 2011, 106, 12-26.	1.6	28
116	The IgG subclass distribution acquired antibodies to Plasmodium falciparum , in relation to malaria exposure of naturally and severity. Annals of Tropical Medicine and Parasitology, 1998, 92, 245-256.	1.6	27
117	Genetic diversity of<i>Plasmodium vivax</i>over time and space: a community-based study in rural Amazonia. Parasitology, 2015, 142, 374-384.	1.5	27
118	Risk factors for dengue virus infection in rural Amazonia: population-based cross-sectional surveys. American Journal of Tropical Medicine and Hygiene, 2008, 79, 485-94.	1.4	27
119	The seroprevalence of hepatitis B and C in an Amerindian population in the southwestern Brazilian Amazon. Revista Da Sociedade Brasileira De Medicina Tropical, 1999, 32, 299-302.	0.9	26
120	Diversity in the thrombospondin-related adhesive protein gene (TRAP) of Plasmodium vivax. Gene, 2001, 268, 97-104.	2.2	26
121	Plasmodium vivax: Microsatellite analysis of multiple-clone infections. Experimental Parasitology, 2008, 120, 330-336.	1.2	26
122	Malaria Situation in Latin America and the Caribbean: Residual and Resurgent Transmission and Challenges for Control and Elimination. Methods in Molecular Biology, 2019, 2013, 57-70.	0.9	26
123	Identification and Characterization of Functional Human Monoclonal Antibodies to <i>Plasmodium vivax</i> Duffy-Binding Protein. Journal of Immunology, 2019, 202, 2648-2660.	0.8	26
124	Geographical patterns of allelic diversity in thePlasmodium falciparummalaria-vaccine candidate, merozoite surface protein-2. Annals of Tropical Medicine and Parasitology, 2001, 95, 117-132.	1.6	25
125	High-throughput Plasmodium falciparum hrp2 and hrp3 gene deletion typing by digital PCR to monitor malaria rapid diagnostic test efficacy. ELife, 0, 11, .	6.0	25
126	Sequence Diversity and Linkage Disequilibrium within the Merozoite Surface Protein-1 (Msp-1) Locus of Plasmodium falciparum: A Longitudinal Study in Brazil. Journal of Eukaryotic Microbiology, 2001, 48, 433-439.	1.7	24

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127	MEIOTIC RECOMBINATION, CROSS-REACTIVITY, AND PERSISTENCE IN PLASMODIUM FALCIPARUM. Evolution; International Journal of Organic Evolution, 2001, 55, 1299-1307.	2.3	24
128	In Silico Identification of Novel Biomarkers and Development of New Rapid Diagnostic Tests for the Filarial Parasites Mansonella perstans and Mansonella ozzardi. Scientific Reports, 2019, 9, 10275.	3.3	24
129	Reactive Case Detection for Plasmodium vivax Malaria Elimination in Rural Amazonia. PLoS Neglected Tropical Diseases, 2016, 10, e0005221.	3.0	24
130	Allelic Diversity in the Merozoite Surface Protein-1 and Epidemiology of Multiple-Clone Plasmodium falciparum Infections in Northern Tanzania. Journal of Parasitology, 1998, 84, 1286.	0.7	23
131	Naturally acquired antibodies to merozoite surface protein (MSP)-1(19) and cumulative exposure to Plasmodium falciparum and Plasmodium vivax in remote populations of the Amazon Basin of Brazil. Memorias Do Instituto Oswaldo Cruz, 2007, 102, 943-951.	1.6	22
132	Evolutionary dynamics of the immunodominant repeats of the Plasmodium vivax malaria-vaccine candidate circumsporozoite protein (CSP). Infection, Genetics and Evolution, 2010, 10, 298-303.	2.3	22
133	Population Genetics, Evolutionary Genomics, and Genome-Wide Studies of Malaria: A View Across the International Centers of Excellence for Malaria Research. American Journal of Tropical Medicine and Hygiene, 2015, 93, 87-98.	1.4	22
134	No Clinical or Molecular Evidence of Plasmodium falciparum Resistance to Artesunateâ€"Mefloquine in Northwestern Brazil. American Journal of Tropical Medicine and Hygiene, 2016, 95, 148-154.	1.4	21
135	Human toxocariasis in rural Brazilian Amazonia: seroprevalence, risk factors, and spatial distribution. American Journal of Tropical Medicine and Hygiene, 2008, 79, 93-8.	1.4	21
136	Microsatellite Characterization of Plasmodium falciparum from Cerebral and Uncomplicated Malaria Patients in Southern Vietnam. Journal of Clinical Microbiology, 2002, 40, 1854-1857.	3.9	20
137	Factors Associated with Immunoglobulin G Subclass Polarization in Naturally Acquired Antibodies to Plasmodium falciparum Merozoite Surface Proteins: a Cross-Sectional Survey in Brazilian Amazonia. Vaccine Journal, 2006, 13, 810-813.	3.1	20
138	Limited global diversity of the Plasmodium vivax merozoite surface protein 4 gene. Infection, Genetics and Evolution, 2009, 9, 821-826.	2.3	20
139	Population genetic analysis of large sequence polymorphisms in Plasmodium falciparum blood-stage antigens. Infection, Genetics and Evolution, 2010, 10, 200-206.	2.3	20
140	Surface expression of inhibitory (CTLA-4) and stimulatory (OX40) receptors by CD4+ regulatory T cell subsets circulating in human malaria. Microbes and Infection, 2016, 18, 639-648.	1.9	20
141	Second form in a segment of the Merozoite Surface Protein 1 gene of Plasmodium vivax among isolates from RondÃ´nia (Brazil). Molecular and Biochemical Parasitology, 1992, 54, 121-124.	1.1	19
142	Allelic Diversity at the Merozoite Surface Protein-1 (MSP-1) Locus in Natural Plasmodium falciparum Populations: a Brief Overview. Memorias Do Instituto Oswaldo Cruz, 1998, 93, 631-638.	1.6	19
143	Temporal and spatial distribution of the variants of merozoite surface protein-1 (MSP-1) inPlasmodium falciparumpopulations in Brazil. Annals of Tropical Medicine and Parasitology, 2000, 94, 675-688.	1.6	19
144	Statistical modeling of surveillance data to identify correlates of urban malaria risk: A population-based study in the Amazon Basin. PLoS ONE, 2019, 14, e0220980.	2.5	19

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145	Modelling the epidemiology of residual Plasmodium vivax malaria in a heterogeneous host population: A case study in the Amazon Basin. PLoS Computational Biology, 2020, 16, e1007377.	3.2	19
146	Plasmodium vivax infection compromises reticulocyte stability. Nature Communications, 2021, 12, 1629.	12.8	19
147	<i>Plasmodium simium</i>: Population Genomics Reveals the Origin of a Reverse Zoonosis. Journal of Infectious Diseases, 2021, 224, 1950-1961.	4.0	19
148	Polymorphism of the FcÎ³ receptor IIA and malaria morbidity. Journal of Molecular and Genetic Medicine: an International Journal of Biomedical Research, 2005, 01, 5-10.	0.1	19
149	A Plasmodium vivax vaccine candidate displays limited allele polymorphism, which does not restrict recognition by antibodies. Molecular Medicine, 1999, 5, 459-70.	4.4	19
150	Differential Antibody Recognition of Four Allelic Variants of the Merozoite Surface Protein-2 (MSP-2) of Plasmodium falciparum. Journal of Eukaryotic Microbiology, 2001, 48, 556-564.	1.7	18
151	Plasmodium falciparum: IgG subclass antibody response to merozoite surface protein-1 among Amazonian gold miners, in relation to infection status and disease expression. Experimental Parasitology, 2005, 109, 124-134.	1.2	18
152	Little Polymorphism at the K13 Propeller Locus in Worldwide Plasmodium falciparum Populations Prior to the Introduction of Artemisinin Combination Therapies. Antimicrobial Agents and Chemotherapy, 2016, 60, 3340-3347.	3.2	18
153	Interacting Epidemics in Amazonian Brazil: Prior Dengue Infection Associated With Increased Coronavirus Disease 2019 (COVID-19) Risk in a Population-Based Cohort Study. Clinical Infectious Diseases, 2021, 73, 2045-2054.	5.8	18
154	Population genomics reveals the expansion of highly inbred Plasmodium vivax lineages in the main malaria hotspot of Brazil. PLoS Neglected Tropical Diseases, 2020, 14, e0008808.	3.0	18
155	Longitudinal Study of Naturally Acquired Humoral Immune Responses against the Merozoite Surface Protein 1 of Plasmodium vivax in Patients from Rondonia, Brazil. American Journal of Tropical Medicine and Hygiene, 1993, 49, 383-392.	1.4	18
156	Human mobility and urban malaria risk in the main transmission hotspot of Amazonian Brazil. PLoS ONE, 2020, 15, e0242357.	2.5	18
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