AndrÃ©s F Vallejo

List of Publications by Year
in descending order

79 papers	3,171 citations	172457 29 h-index	175258 52 g-index
93 all docs	93 docs citations	93 times ranked	3652 citing authors

#	Article	IF	Citations
1	A Worldwide Map ofPlasmodium falciparumK13-Propeller Polymorphisms. New England Journal of Medicine, 2016, 374, 2453-2464.	27.0	449
2	Population genomics studies identify signatures of global dispersal and drug resistance in Plasmodium vivax. Nature Genetics, 2016, 48, 953-958.	21.4	194
3	Malaria in Brazil, Colombia, Peru and Venezuela: current challenges in malaria control and elimination. Malaria Journal, 2017, 16, 273.	2.3	173
4	The Evolutionary History of Plasmodium vivax as Inferred from Mitochondrial Genomes: Parasite Genetic Diversity in the Americas. Molecular Biology and Evolution, 2013, 30, 2050-2064.	8.9	110
5	Langerhans Cellsâ€"Programmed by the Epidermis. Frontiers in Immunology, 2017, 8, 1676.	4.8	101
6	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
7	Malaria in selected non-Amazonian countries of Latin America. Acta Tropica, 2012, 121, 303-314.	2.0	76
8	Plasmodium vivax gametocyte infectivity in sub-microscopic infections. Malaria Journal, 2016, 15, 48.	2.3	74
9	Clonal Outbreak ofPlasmodium falciparumInfection in Eastern Panama. Journal of Infectious Diseases, 2015, 211, 1087-1096.	4.0	71
10	Rapid Identification of Malaria Vaccine Candidates Based on Î±-Helical Coiled Coil Protein Motif. PLoS ONE, 2007, 2, e645.	2.5	71
11	Malaria in gold-mining areas in Colombia. Memorias Do Instituto Oswaldo Cruz, 2016, 111, 59-66.	1.6	69
12	ANTIGENICITY, IMMUNOGENICITY, AND PROTECTIVE EFFICACY OF PLASMODIUM VIVAX MSP1 PV200L: A POTENTIAL MALARIA VACCINE SUBUNIT. American Journal of Tropical Medicine and Hygiene, 2005, 73, 16-24.	1.4	67
13	Consistent Safety and Infectivity in Sporozoite Challenge Model of Plasmodium vivax in Malaria-Naive Human Volunteers. American Journal of Tropical Medicine and Hygiene, 2011, 84, 4-11.	1.4	60
14	Clinical profile of Plasmodium falciparum and Plasmodium vivax infections in low and unstable malaria transmission settings of Colombia. Malaria Journal, 2015, 14, 154.	2.3	60
15	Integrative metabolomics and transcriptomics signatures of clinical tolerance to Plasmodium vivax reveal activation of innate cell immunity and T cell signaling. Redox Biology, 2018, 17, 158-170.	9.0	59
16	Knowledge, attitudes and practices of malaria in Colombia. Malaria Journal, 2014, 13, 165.	2.3	58
17	Successful Sporozoite Challenge Model in Human Volunteers with Plasmodium vivax Strain Derived from Human Donors. American Journal of Tropical Medicine and Hygiene, 2009, 81, 740-746.	1.4	55
18	Plasmodium vivax Sporozoite Challenge in Malaria-NaÃ¯ve and Semi-Immune Colombian Volunteers. PLoS ONE, 2014, 9, e99754.	2.5	52

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19	Evaluation of the Loop Mediated Isothermal DNA Amplification (LAMP) Kit for Malaria Diagnosis in P. vivax Endemic Settings of Colombia. PLoS Neglected Tropical Diseases, 2015, 9, e3453.	3.0	51
20	Plasmodium vivax gametocyte proteins, Pvs48/45 and Pvs47, induce transmission-reducing antibodies by DNA immunization. Vaccine, 2015, 33, 1901-1908.	3.8	51
21	Protective Efficacy of Plasmodium vivax Radiation-Attenuated Sporozoites in Colombian Volunteers: A Randomized Controlled Trial. PLoS Neglected Tropical Diseases, 2016, 10, e0005070.	3.0	50
22	Whole Genome Sequencing of Field Isolates Reveals Extensive Genetic Diversity in Plasmodium vivax from Colombia. PLoS Neglected Tropical Diseases, 2015, 9, e0004252.	3.0	49
23	Multiplicity of Infection and Disease Severity in Plasmodium vivax. PLoS Neglected Tropical Diseases, 2016, 10, e0004355.	3.0	46
24	Characterization of a malaria outbreak in Colombia in 2010. Malaria Journal, 2013, 12, 330.	2.3	43
25	High prevalence of sub-microscopic infections in Colombia. Malaria Journal, 2015, 14, 201.	2.3	42
26	Prospects for Malaria Elimination in Mesoamerica and Hispaniola. PLoS Neglected Tropical Diseases, 2015, 9, e0003700.	3.0	40
27	Field evaluation of an automated RDT reader and data management device for Plasmodium falciparum/Plasmodium vivax malaria in endemic areas of Colombia. Malaria Journal, 2014, 13, 87.	2.3	39
28	INDUCTION OF TRANSMISSION-BLOCKING IMMUNITY IN AOTUS MONKEYS BY VACCINATION WITH A PLASMODIUM VIVAX CLINICAL GRADE PVS25 RECOMBINANT PROTEIN. American Journal of Tropical Medicine and Hygiene, 2005, 73, 32-37.	1.4	38
29	Characterizing the malaria rural-to-urban transmission interface: The importance of reactive case detection. PLoS Neglected Tropical Diseases, 2017, 11, e0005780.	3.0	37
30	Recombinant Pvs48/45 Antigen Expressed in E. coli Generates Antibodies that Block Malaria Transmission in Anopheles albimanus Mosquitoes. PLoS ONE, 2015, 10, e0119335.	2.5	35
31	Comprehensive plasma proteomic profiling reveals biomarkers for active tuberculosis. JCI Insight, 2020, 5, .	5.0	32
32	Transcription Profiling of Malaria-NaÃ¯ve and Semi-immune Colombian Volunteers in a Plasmodium vivax Sporozoite Challenge. PLoS Neglected Tropical Diseases, 2015, 9, e0003978.	3.0	32
33	Limited differentiation among Plasmodium vivax populations from the northwest and to the south Pacific Coast of Colombia: A malaria corridor?. PLoS Neglected Tropical Diseases, 2019, 13, e0007310.	3.0	31
34	Characterization of P. vivax blood stage transcriptomes from field isolates reveals similarities among infections and complex gene isoforms. Scientific Reports, 2017, 7, 7761.	3.3	30
35	Antibody Profiling in NaÃ¯ve and Semi-immune Individuals Experimentally Challenged with Plasmodium vivax Sporozoites. PLoS Neglected Tropical Diseases, 2016, 10, e0004563.	3.0	30
36	Is there malaria transmission in urban settings in Colombia?. Malaria Journal, 2015, 14, 453.	2.3	29

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37	Clinical and epidemiological aspects of complicated malaria in Colombia, 2007â€“2013. Malaria Journal, 2016, 15, 269.	2.3	29
38	Malaria epidemiology in low-endemicity areas of the northern coast of Ecuador: high prevalence of asymptomatic infections. Malaria Journal, 2017, 16, 300.	2.3	29
39	Malaria systems immunology: Plasmodium vivax induces tolerance during primary infection through dysregulation of neutrophils and dendritic cells. Journal of Infection, 2018, 77, 440-447.	3.3	29
40	Plasmodium vivax Sporozoite Production in Anopheles albimanus Mosquitoes for Vaccine Clinical Trials. American Journal of Tropical Medicine and Hygiene, 2011, 84, 28-34.	1.4	27
41	Doxycycline host-directed therapy in human pulmonary tuberculosis. Journal of Clinical Investigation, 2021, 131, .	8.2	27
42	PLASMODIUM VIVAX: TRANSMISSION-BLOCKING IMMUNITY IN A MALARIA-ENDEMIC AREA OF COLOMBIA. American Journal of Tropical Medicine and Hygiene, 2005, 73, 38-43.	1.4	26
43	Optimization of a Membrane Feeding Assay for Plasmodium vivax Infection in Anopheles albimanus. PLoS Neglected Tropical Diseases, 2016, 10, e0004807.	3.0	25
44	Complicated malaria in children and adults from three settings of the Colombian Pacific Coast: A prospective study. PLoS ONE, 2017, 12, e0185435.	2.5	24
45	Genomic programming of IRF4-expressing human Langerhans cells. Nature Communications, 2020, 11, 313.	12.8	22
46	Malaria in pregnancy: a passive surveillance study of pregnant women in low transmission areas of Colombia, Latin America. Malaria Journal, 2016, 15, 66.	2.3	20
47	Consistent prevalence of asymptomatic infections in malaria endemic populations in Colombia over time. Malaria Journal, 2016, 15, 70.	2.3	20
48	Antigenicity and immunogenicity of a novel chimeric peptide antigen based on the P. vivax circumsporozoite protein. Vaccine, 2013, 31, 4923-4930.	3.8	19
49	IgG Responses to the Plasmodium falciparum Antigen VAR2CSA in Colombia Are Restricted to Pregnancy and Are Not Induced by Exposure to Plasmodium vivax. Infection and Immunity, 2018, 86, .	2.2	19
50	Evolution of the Transmission-Blocking Vaccine Candidates Pvs28 and Pvs25 in Plasmodium vivax: Geographic Differentiation and Evidence of Positive Selection. PLoS Neglected Tropical Diseases, 2016, 10, e0004786.	3.0	19
51	Glucose-6-phosphate dehydrogenase deficiency prevalence and genetic variants in malaria endemic areas of Colombia. Malaria Journal, 2016, 15, 291.	2.3	18
52	Global genetic diversity of the Plasmodium vivax transmission-blocking vaccine candidate Pvs48/45. Malaria Journal, 2016, 15, 202.	2.3	16
53	Characterization of Plasmodium vivax Transmission-Blocking Activity in Low to Moderate Malaria Transmission Settings of the Colombian Pacific Coast. American Journal of Tropical Medicine and Hygiene, 2011, 84, 71-77.	1.4	15
54	The Effect of Phylogenetically Different Bacteria on the Fitness of Pseudomonas fluorescens in Sand Microcosms. PLoS ONE, 2015, 10, e0119838.	2.5	15

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55	Immune Responses and Protection of Aotus Monkeys Immunized with Irradiated Plasmodium vivax Sporozoites. American Journal of Tropical Medicine and Hygiene, 2011, 84, 43-50.	1.4	13
56	Constitutive Activation of Natural Killer Cells in Primary Biliary Cholangitis. Frontiers in Immunology, 2019, 10, 2633.	4.8	13
57	Ileal Transcriptomic Analysis in Paediatric Crohnâ€™s Disease RevealsIL17-andNOD-signalling Expression Signatures in Treatment-naÃ¯ve Patients and Identifies Epithelial Cells Driving Differentially Expressed Genes. Journal of Crohn's and Colitis, 2021, 15, 774-786.	1.3	11
58	Integrated transcriptomic analysis of human tuberculosis granulomas and a biomimetic model identifies therapeutic targets. Journal of Clinical Investigation, 2021, 131, .	8.2	11
59	Plasmodium vivax Antigen Discovery Based on Alpha-Helical Coiled Coil Protein Motif. PLoS ONE, 2014, 9, e100440.	2.5	10
60	Peptide: MHC-based DNA vaccination strategy to activate natural killer cells by targeting killer cell immunoglobulin-like receptors. , 2021, 9, e001912.		10
61	Malaria-Related Anemia in Patients from Unstable Transmission Areas in Colombia. American Journal of Tropical Medicine and Hygiene, 2015, 92, 294-301.	1.4	9
62	Malaria elimination challenges in Mesoamerica: evidence of submicroscopic malaria reservoirs in Guatemala. Malaria Journal, 2016, 15, 441.	2.3	9
63	Detection and quantification of Leishmania infantum in naturally and experimentally infected animal samples. Veterinary Parasitology, 2016, 226, 57-64.	1.8	9
64	Urban malaria transmission in a non-endemic area in the Andean region of Colombia. Memorias Do Instituto Oswaldo Cruz, 2017, 112, 797-804.	1.6	9
65	Resolving cellular systems by ultra-sensitive and economical single-cell transcriptome filtering. IScience, 2021, 24, 102147.	4.1	9
66	An IRF1-IRF4 Toggle-Switch Controls Tolerogenic and Immunogenic Transcriptional Programming in Human Langerhans Cells. Frontiers in Immunology, 2021, 12, 665312.	4.8	9
67	Development of sporogonic cycle of Plasmodium vivax in experimentally infected Anopheles albimanus mosquitoes. Memorias Do Instituto Oswaldo Cruz, 1994, 89, 115-119.	1.6	9
68	Randomized clinical trial to assess the protective efficacy of a Plasmodium vivax CS synthetic vaccine. Nature Communications, 2022, 13, 1603.	12.8	9
69	Immunoreactivity of Sera From Low to Moderate Malaria-Endemic Areas Against Plasmodium vivax rPvs48/45 Proteins Produced in Escherichia coli and Chinese Hamster Ovary Systems. Frontiers in Immunology, 2021, 12, 634738.	4.8	7
70	Dual dean entrainment with volume ratio modulation for efficient droplet co-encapsulation: extreme single-cell indexing. Lab on A Chip, 2021, 21, 3378-3386.	6.0	7
71	KIR2DS2 Expression Identifies NK Cells With Enhanced Anticancer Activity. Journal of Immunology, 2022, 209, 379-390.	0.8	5
72	Protein identification in two phases of 1,3-propanediol production by proteomic analysis. Journal of Proteomics, 2013, 89, 255-264.	2.4	4

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73	Natural immune response to Plasmodium vivax alpha-helical coiled coil protein motifs and its association with the risk of P. vivax malaria. PLoS ONE, 2017, 12, e0179863.	2.5	3
74	Immunogenicity of full-length P. vivax rPvs48/45 protein formulations in BALB/c mice. Vaccine, 2021, 40, 133-133.	3.8	3
75	Individualized Transcriptional Resolution of Complicated Malaria in a Colombian Study. Journal of Personalized Medicine, 2018, 8, 29.	2.5	2
76	P63 A novel role of the insulin-like growth factor-II receptor (IGF-IIR) in the regulation of the biological effects of IGFs in a trophoblast cell line. Growth Hormone and IGF Research, 2010, 20, S61.	1.1	1
77	P. falciparum and P. vivax Orthologous Coiled-Coil Candidates for a Potential Cross-Protective Vaccine. Frontiers in Immunology, 2020, 11, 574330.	4.8	1
78	P38 The IGF-II receptor regulates the metastatic properties of prostate cancer cells through the cross-talk with IGF-I and integrins receptors. Growth Hormone and IGF Research, 2010, 20, S53.	1.1	0
79	Malaria vaccines: high-throughput tools for antigens discovery with potential for their development. Colombia Medica, 2013, , 121-128.	0.2	0