

# Gabriela Arevalo-Pinzon

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

438  
citations

687363

13  
h-index

794594

19  
g-index

30  
all docs

30  
docs citations

30  
times ranked

517  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasmodium vivax in vitro continuous culture: the spoke in the wheel. Malaria Journal, 2018, 17, 301.	2.3	57
2	Pv RON2, a new Plasmodium vivax rhoptry neck antigen. Malaria Journal, 2011, 10, 60.	2.3	35
3	The Plasmodium vivax rhoptry neck protein 5 is expressed in the apical pole of Plasmodium vivax VCG-1 strain schizonts and binds to human reticulocytes. Malaria Journal, 2015, 14, 106.	2.3	29
4	Plasmodium vivax ligand-receptor interaction: PvAMA-1 domain I contains the minimal regions for specific interaction with CD71+ reticulocytes. Scientific Reports, 2017, 7, 9616.	3.3	29
5	Annotation and characterization of the Plasmodium vivax rhoptry neck protein 4 (Pv RON4). Malaria Journal, 2013, 12, 356.	2.3	27
6	Identification of the Plasmodium falciparum rhoptry neck protein 5 (PvRON5). Gene, 2011, 474, 22-28.	2.2	19
7	How to Combat Gram-Negative Bacteria Using Antimicrobial Peptides: A Challenge or an Unattainable Goal?. Antibiotics, 2021, 10, 1499.	3.7	19
8	A New Synthetic Peptide Having Two Target of Antibacterial Action in E. coli ML35. Frontiers in Microbiology, 2016, 7, 2006.	3.5	18
9	The Mycobacterium tuberculosis membrane protein Rv0180c: Evaluation of peptide sequences implicated in mycobacterial invasion of two human cell lines. Peptides, 2011, 32, 1-10.	2.4	17
10	A single amino acid change in the Plasmodium falciparum RH5 (PvRH5) human RBC binding sequence modifies its structure and determines species-specific binding activity. Vaccine, 2012, 30, 637-646.	3.8	17
11	Characterization of Plasmodium falciparum integral membrane protein Pf25â€¢IMP and identification of its red blood cell binding sequences inhibiting merozoite invasion in vitro. Protein Science, 2008, 17, 1494-1504.	7.6	16
12	Vaccination with recombinant Plasmodium vivax MSP-10 formulated in different adjuvants induces strong immunogenicity but no protection. Vaccine, 2009, 28, 7-13.	3.8	16
13	Receptor-ligand and parasite protein-protein interactions in Plasmodium vivax: Analysing rhoptry neck proteins 2 and 4. Cellular Microbiology, 2018, 20, e12835.	2.1	15
14	Conserved high activity binding peptides from the Plasmodium falciparum Pf34 rhoptry protein inhibit merozoites in vitro invasion of red blood cells. Peptides, 2010, 31, 1987-1994.	2.4	13
15	Conserved High Activity Binding Peptides are Involved in Adhesion of Two Detergent-Resistant Membrane-Associated Merozoite Proteins to Red Blood Cells during Invasion. Journal of Medicinal Chemistry, 2010, 53, 3907-3918.	6.4	12
16	Hotspots in Plasmodium and RBC Receptor-Ligand Interactions: Key Pieces for Inhibiting Malarial Parasite Invasion. International Journal of Molecular Sciences, 2020, 21, 4729.	4.1	11
17	Malaria Parasite Survival Depends on Conserved Binding Peptides' Critical Biological Functions. Current Issues in Molecular Biology, 2016, 18, 57-78.	2.4	11
18	Synthetic peptides from two Pf sporozoite invasion-associated proteins specifically interact with HeLa and HepG2 cells. Peptides, 2011, 32, 1902-1908.	2.4	10

#	ARTICLE	IF	CITATIONS
19	Plasmodium falciparum rhostry neck protein 5 peptides bind to human red blood cells and inhibit parasite invasion. <i>Peptides</i> , 2014, 53, 210-217.	2.4	9
20	Rh1 high activity binding peptides inhibit high percentages of Plasmodium falciparum FVO strain invasion. <i>Vaccine</i> , 2013, 31, 1830-1837.	3.8	8
21	Binding activity, structure, and immunogenicity of synthetic peptides derived from Plasmodium falciparum CelTOS and TRSP proteins. <i>Amino Acids</i> , 2012, 43, 365-378.	2.7	7
22	Shorter Antibacterial Peptide Having High Selectivity for E. coli Membranes and Low Potential for Inducing Resistance. <i>Microorganisms</i> , 2020, 8, 867.	3.6	7
23	A novel platform for peptide-mediated affinity capture and LC-MS/MS identification of host receptors involved in Plasmodium invasion. <i>Journal of Proteomics</i> , 2021, 231, 104002.	2.4	7
24	Cellâ€Peptide Specific Interaction Can Inhibit <i>Mycobacterium tuberculosis H37Rv</i> Infection. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 946-958.	2.6	6
25	Plasmodium vivax Cell Traversal Protein for Ookinetes and Sporozoites (CelTOS) Functionally Restricted Regions Are Involved in Specific Host-Pathogen Interactions. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 119.	3.9	6
26	Conserved regions of the Plasmodium falciparum rhostry-associated protein 3 mediate specific host-pathogen interactions during invasion of red blood cells. <i>Peptides</i> , 2010, 31, 2165-2172.	2.4	4
27	From a basic to a functional approach for developing a blood stage vaccine against Plasmodium vivax. <i>Expert Review of Vaccines</i> , 2020, 19, 195-207.	4.4	4
28	Babesia Bovis Ligand-Receptor Interaction: AMA-1 Contains Small Regions Governing Bovine Erythrocyte Binding. <i>International Journal of Molecular Sciences</i> , 2021, 22, 714.	4.1	4
29	Fine mapping of Plasmodium falciparum ribosomal phosphoprotein PfPO revealed sequences with highly specific binding activity to human red blood cells. <i>Journal of Molecular Medicine</i> , 2010, 88, 61-74.	3.9	3
30	Conserved regions from <i>Plasmodium falciparum</i> MSP11 specifically interact with host cells and have a potential role during merozoite invasion of red blood cells. <i>Journal of Cellular Biochemistry</i> , 2010, 110, 882-892.	2.6	2