

Gabriela Arevalo-Pinzon

List of Publications by Year in descending order

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30
papers

438
citations

687363

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times ranked

517
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	How to Combat Gram-Negative Bacteria Using Antimicrobial Peptides: A Challenge or an Unattainable Goal?. <i>Antibiotics</i> , 2021, 10, 1499.	3.7	19
4	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
5	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
6	Hotspots in Plasmodium and RBC Receptor-Ligand Interactions: Key Pieces for Inhibiting Malarial Parasite Invasion. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4729.	4.1	11
7	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
8	Receptor-ligand and parasite protein-protein interactions in Plasmodium vivax: Analysing rhoptry neck proteins 2 and 4. <i>Cellular Microbiology</i> , 2018, 20, e12835.	2.1	15
9	Plasmodium vivax in vitro continuous culture: the spoke in the wheel. <i>Malaria Journal</i> , 2018, 17, 301.	2.3	57
10	Plasmodium vivax ligand-receptor interaction: PvAMA-1 domain I contains the minimal regions for specific interaction with CD71+ reticulocytes. <i>Scientific Reports</i> , 2017, 7, 9616.	3.3	29
11	A New Synthetic Peptide Having Two Target of Antibacterial Action in E. coli ML35. <i>Frontiers in Microbiology</i> , 2016, 7, 2006.	3.5	18
12	Cell-Cell Peptide Specific Interaction Can Inhibit Mycobacterium tuberculosis H37Rv Infection. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 946-958.	2.6	6
13	Malaria Parasite Survival Depends on Conserved Binding Peptides' Critical Biological Functions. <i>Current Issues in Molecular Biology</i> , 2016, 18, 57-78.	2.4	11
14	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. <i>Malaria Journal</i> , 2015, 14, 106.	2.3	29
15	Plasmodium falciparum rhoptry neck protein 5 peptides bind to human red blood cells and inhibit parasite invasion. <i>Peptides</i> , 2014, 53, 210-217.	2.4	9
16	Annotation and characterization of the Plasmodium vivax rhoptry neck protein 4 (Pv RON4). <i>Malaria Journal</i> , 2013, 12, 356.	2.3	27
17	Rh1 high activity binding peptides inhibit high percentages of Plasmodium falciparum FVO strain invasion. <i>Vaccine</i> , 2013, 31, 1830-1837.	3.8	8
18	A single amino acid change in the Plasmodium falciparum RH5 (PfRH5) human RBC binding sequence modifies its structure and determines species-specific binding activity. <i>Vaccine</i> , 2012, 30, 637-646.	3.8	17

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19	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
20	Identification of the Plasmodium falciparum rhoptry neck protein 5 (PfRON5). <i>Gene</i> , 2011, 474, 22-28.	2.2	19
21	The Mycobacterium tuberculosis membrane protein Rv0180c: Evaluation of peptide sequences implicated in mycobacterial invasion of two human cell lines. <i>Peptides</i> , 2011, 32, 1-10.	2.4	17
22	Synthetic peptides from two Pf sporozoite invasion-associated proteins specifically interact with HeLa and HepG2 cells. <i>Peptides</i> , 2011, 32, 1902-1908.	2.4	10
23	Pv RON2, a new Plasmodium vivax rhoptry neck antigen. <i>Malaria Journal</i> , 2011, 10, 60.	2.3	35
24	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
25	Conserved regions from Plasmodium falciparum 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
26	Conserved high activity binding peptides from the Plasmodium falciparum Pf34 rhoptry protein inhibit merozoites in vitro invasion of red blood cells. <i>Peptides</i> , 2010, 31, 1987-1994.	2.4	13
27	Conserved regions of the Plasmodium falciparum rhoptry-associated protein 3 mediate specific host-pathogen interactions during invasion of red blood cells. <i>Peptides</i> , 2010, 31, 2165-2172.	2.4	4
28	Conserved High Activity Binding Peptides are Involved in Adhesion of Two Detergent-Resistant Membrane-Associated Merozoite Proteins to Red Blood Cells during Invasion. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 3907-3918.	6.4	12
29	Vaccination with recombinant Plasmodium vivax MSP-10 formulated in different adjuvants induces strong immunogenicity but no protection. <i>Vaccine</i> , 2009, 28, 7-13.	3.8	16
30	Characterization of Plasmodium falciparum integral membrane protein Pf25IMP and identification of its red blood cell binding sequences inhibiting merozoite invasion in vitro. <i>Protein Science</i> , 2008, 17, 1494-1504.	7.6	16