

Gabriela Arevalo-Pinzon

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

438
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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. | 0.8 | 57 |
| 2 | Pv RON2, a new Plasmodium vivax rhoptry neck antigen. Malaria Journal, 2011, 10, 60. | 0.8 | 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. | 0.8 | 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. | 1.6 | 29 |
| 5 | Annotation and characterization of the Plasmodium vivax rhoptry neck protein 4 (Pv RON4). Malaria Journal, 2013, 12, 356. | 0.8 | 27 |
| 6 | Identification of the Plasmodium falciparum rhoptry neck protein 5 (PvRON5). Gene, 2011, 474, 22-28. | 1.0 | 19 |
| 7 | How to Combat Gram-Negative Bacteria Using Antimicrobial Peptides: A Challenge or an Unattainable Goal?. Antibiotics, 2021, 10, 1499. | 1.5 | 19 |
| 8 | A New Synthetic Peptide Having Two Target of Antibacterial Action in E. coli ML35. Frontiers in Microbiology, 2016, 7, 2006. | 1.5 | 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. | 1.2 | 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. | 1.7 | 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. | 3.1 | 16 |
| 12 | Vaccination with recombinant Plasmodium vivax MSP-10 formulated in different adjuvants induces strong immunogenicity but no protection. Vaccine, 2009, 28, 7-13. | 1.7 | 16 |
| 13 | Receptor-ligand and parasite protein-protein interactions in Plasmodium vivax: Analysing rhoptry neck proteins 2 and 4. Cellular Microbiology, 2018, 20, e12835. | 1.1 | 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. | 1.2 | 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. | 2.9 | 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. | 1.8 | 11 |
| 17 | Malaria Parasite Survival Depends on Conserved Binding Peptides' Critical Biological Functions. Current Issues in Molecular Biology, 2016, 18, 57-78. | 1.0 | 11 |
| 18 | Synthetic peptides from two Pf sporozoite invasion-associated proteins specifically interact with HeLa and HepG2 cells. Peptides, 2011, 32, 1902-1908. | 1.2 | 10 |

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|----|--|-----|-----------|
| 19 | Plasmodium falciparum rhopty neck protein 5 peptides bind to human red blood cells and inhibit parasite invasion. Peptides, 2014, 53, 210-217. | 1.2 | 9 |
| 20 | Rh1 high activity binding peptides inhibit high percentages of Plasmodium falciparum FVO strain invasion. Vaccine, 2013, 31, 1830-1837. | 1.7 | 8 |
| 21 | Binding activity, structure, and immunogenicity of synthetic peptides derived from Plasmodium falciparum CelTOS and TRSP proteins. Amino Acids, 2012, 43, 365-378. | 1.2 | 7 |
| 22 | Shorter Antibacterial Peptide Having High Selectivity for E. coli Membranes and Low Potential for Inducing Resistance. Microorganisms, 2020, 8, 867. | 1.6 | 7 |
| 23 | A novel platform for peptide-mediated affinity capture and LC-MS/MS identification of host receptors involved in Plasmodium invasion. Journal of Proteomics, 2021, 231, 104002. | 1.2 | 7 |
| 24 | Cellâ€Peptide Specific Interaction Can Inhibit <i>Mycobacterium tuberculosis H37Rv</i> Infection. Journal of Cellular Biochemistry, 2016, 117, 946-958. | 1.2 | 6 |
| 25 | Plasmodium vivax Cell Traversal Protein for Ookinetes and Sporozoites (CelTOS) Functionally Restricted Regions Are Involved in Specific Host-Pathogen Interactions. Frontiers in Cellular and Infection Microbiology, 2020, 10, 119. | 1.8 | 6 |
| 26 | Conserved regions of the Plasmodium falciparum rhopty-associated protein 3 mediate specific host-pathogen interactions during invasion of red blood cells. Peptides, 2010, 31, 2165-2172. | 1.2 | 4 |
| 27 | From a basic to a functional approach for developing a blood stage vaccine against Plasmodium vivax. Expert Review of Vaccines, 2020, 19, 195-207. | 2.0 | 4 |
| 28 | Babesia Bovis Ligand-Receptor Interaction: AMA-1 Contains Small Regions Governing Bovine Erythrocyte Binding. International Journal of Molecular Sciences, 2021, 22, 714. | 1.8 | 4 |
| 29 | Fine mapping of Plasmodium falciparum ribosomal phosphoprotein PfPO revealed sequences with highly specific binding activity to human red blood cells. Journal of Molecular Medicine, 2010, 88, 61-74. | 1.7 | 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. Journal of Cellular Biochemistry, 2010, 110, 882-892. | 1.2 | 2 |