

Ernesto T A Marques

List of Publications by Year in descending order

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158
papers

6,769
citations

81434

41
h-index

87275

74
g-index

166
all docs

166
docs citations

166
times ranked

10837
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Severe Acute Respiratory Syndrome Coronavirus 2 Viremia Is Associated With Coronavirus Disease 2019 Severity and Predicts Clinical Outcomes. <i>Clinical Infectious Diseases</i> , 2022, 74, 1525-1533. | 2.9 | 96 |
| 2 | Contribution of Coronavirus-Specific Immunoglobulin G Responses to Complement Overactivation in Patients with Severe Coronavirus Disease 2019. <i>Journal of Infectious Diseases</i> , 2022, 226, 766-777. | 1.9 | 12 |
| 3 | Co-circulation of Chikungunya Virus during the 2015–2017 Zika Virus Outbreak in Pernambuco, Brazil: An Analysis of the Microcephaly Epidemic Research Group Pregnancy Cohort. <i>American Journal of Tropical Medicine and Hygiene</i> , 2022, 106, 1711-1720. | 0.6 | 4 |
| 4 | Two-year Decay of Zika Virus Neutralizing Antibodies in People Living in an Endemic Region in Brazil. <i>American Journal of Tropical Medicine and Hygiene</i> , 2022, 107, 186-189. | 0.6 | 3 |
| 5 | Follow-Up Household Serosurvey in Northeast Brazil for Zika Virus: Sexual Contacts of Index Patients Have the Highest Risk for Seropositivity. <i>Journal of Infectious Diseases</i> , 2021, 223, 673-685. | 1.9 | 10 |
| 6 | Contact System Activation in Plasma from Dengue Patients Might Harness Endothelial Virus Replication through the Signaling of Bradykinin Receptors. <i>Pharmaceuticals</i> , 2021, 14, 56. | 1.7 | 5 |
| 7 | Zika-related adverse outcomes in a cohort of pregnant women with rash in Pernambuco, Brazil. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009216. | 1.3 | 19 |
| 8 | High Incidence of Zika or Chikungunya Infection among Pregnant Women Hospitalized Due to Obstetrical Complications in Northeastern Brazil—Implications for Laboratory Screening in Arbovirus Endemic Area. <i>Viruses</i> , 2021, 13, 744. | 1.5 | 7 |
| 9 | The Microcephaly Epidemic Research Group Paediatric Cohort (MERG-PC): A Cohort Profile. <i>Viruses</i> , 2021, 13, 602. | 1.5 | 5 |
| 10 | Diagnostic performance of anti-Zika virus IgM, IgAM and IgG ELISAs during co-circulation of Zika, dengue, and chikungunya viruses in Brazil and Venezuela. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009336. | 1.3 | 7 |
| 11 | A Label and Probe-Free Zika Virus Immunosensor Prussian Blue@carbon Nanotube-Based for Amperometric Detection of the NS2B Protein. <i>Biosensors</i> , 2021, 11, 157. | 2.3 | 9 |
| 12 | NS1 glycoprotein detection in serum and urine as an electrochemical screening immunosensor for dengue and Zika virus. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 4873-4885. | 1.9 | 12 |
| 13 | COVID-19 and Future Disease X in Circular Economy Transition: Redesigning Pandemic Preparedness to Prevent a Global Disaster. <i>Circular Economy and Sustainability</i> , 2021, 1, 1463-1478. | 3.3 | 6 |
| 14 | Zika vaccines: can we solve one problem without creating another one?. <i>Lancet Infectious Diseases</i> , The, 2021, 21, 1198-1200. | 4.6 | 4 |
| 15 | Are Zika virus cross-reactive antibodies against aquaporin-4 associated to Neuromyelitis Optica Spectrum Disorder?. <i>Journal of Neuroimmunology</i> , 2021, 360, 577697. | 1.1 | 1 |
| 16 | Risk of Sexually Transmitted Zika Virus in a Cohort of Economically Disadvantaged Urban Residents. <i>Journal of Infectious Diseases</i> , 2021, 224, 860-864. | 1.9 | 8 |
| 17 | Identification of a Zika NS2B epitope as a biomarker for severe clinical phenotypes. <i>RSC Medicinal Chemistry</i> , 2021, 12, 1525-1539. | 1.7 | 2 |
| 18 | Neighbourhood-level income and Zika virus infection during pregnancy in Recife, Pernambuco, Brazil: an ecological perspective, 2015–2017. <i>BMJ Global Health</i> , 2021, 6, e006811. | 2.0 | 4 |

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|----|---|-----|-----------|
| 19 | Dengue Virus Targets Nrf2 for NS2B3-Mediated Degradation Leading to Enhanced Oxidative Stress and Viral Replication. <i>Journal of Virology</i> , 2020, 94, . | 1.5 | 32 |
| 20 | A Glimmer of Hope: Recent Updates and Future Challenges in Zika Vaccine Development. <i>Viruses</i> , 2020, 12, 1371. | 1.5 | 20 |
| 21 | Coronavirus Disease 2019: Understanding Immunopathogenesis Is the “Holy Grail” to Explain Why Children Have Less Severe Acute Disease. <i>Pediatric Critical Care Medicine</i> , 2020, 21, 1022-1023. | 0.2 | 9 |
| 22 | Vaccine development during global epidemics: the Zika experience. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 998-999. | 4.6 | 6 |
| 23 | Zika virus infection in pregnancy: a protocol for the joint analysis of the prospective cohort studies of the ZIKAlliance, ZikaPLAN and ZIKAction consortia. <i>BMJ Open</i> , 2020, 10, e035307. | 0.8 | 10 |
| 24 | Reciprocal immune enhancement of dengue and Zika virus infection in human skin. <i>JCI Insight</i> , 2020, 5, . | 2.3 | 21 |
| 25 | The Transcriptional and Protein Profile From Human Infected Neuroprogenitor Cells Is Strongly Correlated to Zika Virus Microcephaly Cytokines Phenotype Evidencing a Persistent Inflammation in the CNS. <i>Frontiers in Immunology</i> , 2019, 10, 1928. | 2.2 | 49 |
| 26 | Zika virus infection in pregnancy: Establishing a case definition for clinical research on pregnant women with rash in an active transmission setting. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007763. | 1.3 | 30 |
| 27 | Previous dengue or Zika virus exposure can drive to infection enhancement or neutralisation of other flaviviruses. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2019, 114, e190098. | 0.8 | 27 |
| 28 | International prospective observational cohort study of Zika in infants and pregnancy (ZIP study): study protocol. <i>BMC Pregnancy and Childbirth</i> , 2019, 19, 282. | 0.9 | 18 |
| 29 | Influence of directional positive Darwinian selection-driven evolution on arboviruses Dengue and Zika virulence and pathogenesis. <i>Molecular Phylogenetics and Evolution</i> , 2019, 140, 106607. | 1.2 | 1 |
| 30 | The influence of biotinylation on the ability of a computer designed protein to detect B-cells producing anti-HIV-1 2F5 antibodies. <i>Journal of Molecular Graphics and Modelling</i> , 2019, 93, 107442. | 1.3 | 4 |
| 31 | Severe Dengue Prognosis Using Human Genome Data and Machine Learning. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 2861-2868. | 2.5 | 50 |
| 32 | Perinatal analyses of Zika- and dengue virus-specific neutralizing antibodies: A microcephaly case-control study in an area of high dengue endemicity in Brazil. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007246. | 1.3 | 37 |
| 33 | Impact of preexisting dengue immunity on Zika virus emergence in a dengue endemic region. <i>Science</i> , 2019, 363, 607-610. | 6.0 | 202 |
| 34 | Complex Scenario of Homotypic and Heterotypic Zika Virus Immune Enhancement. <i>MBio</i> , 2019, 10, . | 1.8 | 3 |
| 35 | Study protocol for the multicentre cohorts of Zika virus infection in pregnant women, infants, and acute clinical cases in Latin America and the Caribbean: the ZIKAlliance consortium. <i>BMC Infectious Diseases</i> , 2019, 19, 1081. | 1.3 | 11 |
| 36 | Familiar barriers still unresolved—a perspective on the Zika virus outbreak research response. <i>Lancet Infectious Diseases</i> , The, 2019, 19, e59-e62. | 4.6 | 16 |

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|----|---|------|-----------|
| 37 | Development of antibody biomarkers of long term and recent dengue virus infections. <i>Journal of Virological Methods</i> , 2018, 257, 62-68. | 1.0 | 38 |
| 38 | Interplay between Keratinocytes and Myeloid Cells Drives Dengue Virus Spread in Human Skin. <i>Journal of Investigative Dermatology</i> , 2018, 138, 618-626. | 0.3 | 44 |
| 39 | Development of an anti-dengue NS1 IgG ELISA to evaluate exposure to dengue virus. <i>Journal of Virological Methods</i> , 2018, 257, 48-57. | 1.0 | 50 |
| 40 | Mosquito-borne and sexual transmission of Zika virus: Recent developments and future directions. <i>Virus Research</i> , 2018, 254, 1-9. | 1.1 | 33 |
| 41 | Association between microcephaly, Zika virus infection, and other risk factors in Brazil: final report of a case-control study. <i>Lancet Infectious Diseases</i> , The, 2018, 18, 328-336. | 4.6 | 267 |
| 42 | Tradition and innovation in development of a Zika vaccine. <i>Lancet</i> , The, 2018, 391, 516-517. | 6.3 | 3 |
| 43 | R430: A potent inhibitor of DNA and RNA viruses. <i>Scientific Reports</i> , 2018, 8, 16662. | 1.6 | 13 |
| 44 | External Quality Assessment for Zika Virus Molecular Diagnostic Testing, Brazil. <i>Emerging Infectious Diseases</i> , 2018, 24, 888-892. | 2.0 | 29 |
| 45 | Detection of IgG3 antibodies specific to the human immunodeficiency virus type 1 (HIV-1) p24 protein as marker for recently acquired infection. <i>Epidemiology and Infection</i> , 2018, 146, 1293-1300. | 1.0 | 7 |
| 46 | Evaluation of the recombinant antigens Wb14 and WbT for the capture antibody diagnosis of lymphatic filariasis. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2018, 113, e170435. | 0.8 | 3 |
| 47 | Dengue virus (DENV)-specific antibodies enhance Brazilian Zika virus (ZIKV) infection. <i>Journal of Infectious Diseases</i> , 2017, 215, jiw638. | 1.9 | 115 |
| 48 | Serum cytokine/chemokine profiles in patients with dengue fever (DF) and dengue hemorrhagic fever (FHD) by using protein array. <i>Journal of Clinical Virology</i> , 2017, 89, 39-45. | 1.6 | 19 |
| 49 | Development of potent class II transactivator gene delivery systems capable of inducing de novo MHC II expression in human cells, in vitro and ex vivo. <i>Gene Therapy</i> , 2017, 24, 342-352. | 2.3 | 3 |
| 50 | Rapid and specific detection of Asian- and African-lineage Zika viruses. <i>Science Translational Medicine</i> , 2017, 9, . | 5.8 | 86 |
| 51 | Establishment and cryptic transmission of Zika virus in Brazil and the Americas. <i>Nature</i> , 2017, 546, 406-410. | 13.7 | 515 |
| 52 | Enhancement of Zika Infection by Dengue-Specific Antibodies Does Not Alter the Production of Interleukin 6 in FcγRII-Expressing K562 Cells. <i>Journal of Infectious Diseases</i> , 2017, 216, 614-615. | 1.9 | 7 |
| 53 | Rapid antigen tests for dengue virus serotypes and Zika virus in patient serum. <i>Science Translational Medicine</i> , 2017, 9, . | 5.8 | 148 |
| 54 | Incidence and risk factors for Dengue virus (DENV) infection in the first 2 years of life in a Brazilian prospective birth cohort. <i>Epidemiology and Infection</i> , 2017, 145, 2971-2979. | 1.0 | 7 |

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|----|---|-----|-----------|
| 55 | Mapping Putative B-Cell Zika Virus NS1 Epitopes Provides Molecular Basis for Anti-NS1 Antibody Discrimination between Zika and Dengue Viruses. <i>ACS Omega</i> , 2017, 2, 3913-3920. | 1.6 | 41 |
| 56 | Zika puzzle in Brazil: peculiar conditions of viral introduction and dissemination - A Review. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2017, 112, 319-327. | 0.8 | 34 |
| 57 | Zika virus displacement by a chikungunya outbreak in Recife, Brazil. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0006055. | 1.3 | 50 |
| 58 | Risk of microcephaly after Zika virus infection in Brazil, 2015 to 2016. <i>Bulletin of the World Health Organization</i> , 2017, 95, 191-198. | 1.5 | 79 |
| 59 | Central and peripheral nervous system involvement caused by Zika and chikungunya coinfection. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005583. | 1.3 | 26 |
| 60 | Guillain-Barré Syndrome, Acute Disseminated Encephalomyelitis and Encephalitis Associated with Zika Virus Infection in Brazil: Detection of Viral RNA and Isolation of Virus during Late Infection. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017, 97, 1405-1409. | 0.6 | 58 |
| 61 | Primary dengue haemorrhagic fever in patients from northeast of Brazil is associated with high levels of interferon- γ during acute phase. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2016, 111, 378-384. | 0.8 | 20 |
| 62 | Prospective birth cohort in a hyperendemic dengue area in Northeast Brazil: methods and preliminary results. <i>Cadernos De Saude Publica</i> , 2016, 32, . | 0.4 | 6 |
| 63 | High levels of exposure of Zika and Dengue infections detected using plaque reduction neutralization assay in Brazil. <i>International Journal of Infectious Diseases</i> , 2016, 53, 15. | 1.5 | 1 |
| 64 | Arbovirus epidemiology in pregnant women in Pernambuco state, Brazil. <i>International Journal of Infectious Diseases</i> , 2016, 53, 14. | 1.5 | 0 |
| 65 | Selection of a potential diagnostic biomarker for HIV infection from a random library of non-biological synthetic peptoid oligomers. <i>Journal of Immunological Methods</i> , 2016, 435, 85-89. | 0.6 | 10 |
| 66 | De Novo Design and Biophysical Characterization of an Affinity-Enhanced Protein Displaying the Structure of the Broadly Neutralizing HIV-1 2F5 Antibody Epitope. <i>Biophysical Journal</i> , 2016, 110, 346a. | 0.2 | 0 |
| 67 | Dendritic cells primed with a chimeric plasmid containing HIV-1 gag associated with lysosomal-associated protein (LAMP1) is a potential therapeutic vaccine against HIV. <i>FASEB Journal</i> , 2016, 30, 2970-2984. | 0.2 | 2 |
| 68 | Type III Interferons Produced by Human Placental Trophoblasts Confer Protection against Zika Virus Infection. <i>Cell Host and Microbe</i> , 2016, 19, 705-712. | 5.1 | 464 |
| 69 | Placental Transfer of Dengue Virus (DENV)-Specific Antibodies and Kinetics of DENV Infection-Enhancing Activity in Brazilian Infants. <i>Journal of Infectious Diseases</i> , 2016, 214, 265-272. | 1.9 | 36 |
| 70 | Positive IgM for Zika virus in the cerebrospinal fluid of 30 neonates with microcephaly in Brazil. <i>Lancet, The</i> , 2016, 387, 1811-1812. | 6.3 | 128 |
| 71 | Results of a Zika Virus (ZIKV) Immunoglobulin-Specific Diagnostic Assay Are Highly Correlated With Detection of Neutralizing Anti-ZIKV Antibodies in Neonates With Congenital Disease. <i>Journal of Infectious Diseases</i> , 2016, 214, 1897-1904. | 1.9 | 53 |
| 72 | High frequency of pre-existing neutralizing antibody responses in patients with dengue during an outbreak in Central Brazil. <i>BMC Infectious Diseases</i> , 2016, 16, 546. | 1.3 | 5 |

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|----|--|-----|-----------|
| 73 | Association between Zika virus infection and microcephaly in Brazil, January to May, 2016: preliminary report of a case-control study. <i>Lancet Infectious Diseases</i> , The, 2016, 16, 1356-1363. | 4.6 | 402 |
| 74 | Initial Description of the Presumed Congenital Zika Syndrome. <i>American Journal of Public Health</i> , 2016, 106, 598-600. | 1.5 | 236 |
| 75 | ¹ H Nuclear Magnetic Resonance Metabolomics of Plasma Unveils Liver Dysfunction in Dengue Patients. <i>Journal of Virology</i> , 2016, 90, 7429-7443. | 1.5 | 28 |
| 76 | Clinical evaluation of dengue and identification of risk factors for severe disease: protocol for a multicentre study in 8 countries. <i>BMC Infectious Diseases</i> , 2016, 16, 120. | 1.3 | 56 |
| 77 | Teratogenic effects of the Zika virus and the role of the placenta. <i>Lancet</i> , The, 2016, 387, 1587-1590. | 6.3 | 142 |
| 78 | Lipid droplet levels vary heterogeneously in response to simulated gastrointestinal stresses in different probiotic <i>Saccharomyces cerevisiae</i> strains. <i>Journal of Functional Foods</i> , 2016, 21, 193-200. | 1.6 | 8 |
| 79 | Assessing protein conformational sampling and structural stability via de novo design and molecular dynamics simulations. <i>Biopolymers</i> , 2015, 103, 351-361. | 1.2 | 7 |
| 80 | Molecular classification of outcomes from dengue virus -3 infections. <i>Journal of Clinical Virology</i> , 2015, 64, 97-106. | 1.6 | 14 |
| 81 | A DNA Vaccine against Yellow Fever Virus: Development and Evaluation. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003693. | 1.3 | 29 |
| 82 | Probiotic <i>Saccharomyces cerevisiae</i> strains as biotherapeutic tools: is there room for improvement?. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 6563-6570. | 1.7 | 74 |
| 83 | The Availability and Consistency of Dengue Surveillance Data Provided Online by the World Health Organization. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003511. | 1.3 | 16 |
| 84 | Emerging Concepts in Dengue Pathogenesis: Interplay between Plasmablasts, Platelets, and Complement in Triggering Vasculopathy. <i>Critical Reviews in Immunology</i> , 2014, 34, 227-240. | 1.0 | 33 |
| 85 | Novel insights in genetic transformation of the probiotic yeast <i>Saccharomyces boulardii</i> . <i>Bioengineered</i> , 2014, 5, 21-29. | 1.4 | 23 |
| 86 | Risk of Dengue for Tourists and Teams during the World Cup 2014 in Brazil. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3063. | 1.3 | 25 |
| 87 | Regulation of HIV-Gag Expression and Targeting to the Endolysosomal/Secretory Pathway by the Luminal Domain of Lysosomal-Associated Membrane Protein (LAMP-1) Enhance Gag-Specific Immune Response. <i>PLoS ONE</i> , 2014, 9, e99887. | 1.1 | 9 |
| 88 | Draft Genome Sequence of the Probiotic Yeast <i>Saccharomyces cerevisiae</i> var. <i>boulardii</i> Strain ATCC MYA-796. <i>Genome Announcements</i> , 2014, 2, . | 0.8 | 10 |
| 89 | Dengue virus specific dual HLA binding T cell epitopes induce CD8 ⁺ T cell responses in seropositive individuals. <i>Human Vaccines and Immunotherapeutics</i> , 2014, 10, 3531-3543. | 1.4 | 13 |
| 90 | Clq binding to dengue virus decreases levels of infection and inflammatory molecules transcription in THP-1 cells. <i>Virus Research</i> , 2014, 179, 231-234. | 1.1 | 19 |

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|-----|---|-----|-----------|
| 91 | Dengue virus-infected human dendritic cells reveal hierarchies of naturally expressed novel NS3 CD8 T cell epitopes. <i>Clinical and Experimental Immunology</i> , 2014, 177, 696-702. | 1.1 | 12 |
| 92 | A thiophene-modified screen printed electrode for detection of dengue virus NS1 protein. <i>Talanta</i> , 2014, 128, 505-510. | 2.9 | 49 |
| 93 | A two-plasmid strategy for engineering a dengue virus type 3 infectious clone from primary Brazilian isolate. <i>Anais Da Academia Brasileira De Ciências</i> , 2014, 86, 1749-1759. | 0.3 | 10 |
| 94 | De novo design of immunoreactive conformation-specific HIV-1 epitopes based on Top7 scaffold. <i>RSC Advances</i> , 2013, 3, 11790. | 1.7 | 14 |
| 95 | Sequential Seasonal H1N1 Influenza Virus Infections Protect Ferrets against Novel 2009 H1N1 Influenza Virus. <i>Journal of Virology</i> , 2013, 87, 1400-1410. | 1.5 | 63 |
| 96 | Vaccine research, development, and innovation in Brazil: A translational science perspective. <i>Vaccine</i> , 2013, 31, B54-B60. | 1.7 | 14 |
| 97 | Complement factor H gene (CFH) polymorphisms C-257T, G257A and haplotypes are associated with protection against severe dengue phenotype, possible related with high CFH expression. <i>Human Immunology</i> , 2013, 74, 1225-1230. | 1.2 | 21 |
| 98 | T-Cell Memory Responses Elicited by Yellow Fever Vaccine are Targeted to Overlapping Epitopes Containing Multiple HLA-I and -II Binding Motifs. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e1938. | 1.3 | 38 |
| 99 | HLA-B*44 Is Associated with Dengue Severity Caused by DENV-3 in a Brazilian Population. <i>Journal of Tropical Medicine</i> , 2013, 2013, 1-11. | 0.6 | 20 |
| 100 | Identification of Conserved and HLA Promiscuous DENV3 T-Cell Epitopes. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2497. | 1.3 | 39 |
| 101 | Dengue Research Funded by the European Commission-Scientific Strategies of Three European Dengue Research Consortia. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2320. | 1.3 | 29 |
| 102 | Association between Magnitude of the Virus-Specific Plasmablast Response and Disease Severity in Dengue Patients. <i>Journal of Immunology</i> , 2013, 190, 80-87. | 0.4 | 88 |
| 103 | Selective Induction of CTL Helper Rather Than Killer Activity by Natural Epitope Variants Promotes Dendritic Cell-Mediated HIV-1 Dissemination. <i>Journal of Immunology</i> , 2013, 191, 2570-2580. | 0.4 | 34 |
| 104 | Force of infection of dengue serotypes in a population-based study in the northeast of Brazil. <i>Epidemiology and Infection</i> , 2013, 141, 1080-1088. | 1.0 | 43 |
| 105 | Construction and characterisation of a complete reverse genetics system of dengue virus type 3. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2013, 108, 983-991. | 0.8 | 12 |
| 106 | Construction of yellow fever virus subgenomic replicons by yeast-based homologous recombination cloning technique. <i>Anais Da Academia Brasileira De Ciências</i> , 2013, 85, 159-168. | 0.3 | 7 |
| 107 | Potential biomarkers for the clinical prognosis of severe dengue. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2013, 108, 755-762. | 0.8 | 14 |
| 108 | Influence of Scaffold Stability and Electrostatics on Top7-Based Engineered Helical HIV-1 Epitopes. <i>Lecture Notes in Computer Science</i> , 2013, , 94-103. | 1.0 | 2 |

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|-----|--|-----|-----------|
| 109 | West Nile Virus T-Cell Ligand Sequences Shared with Other Flaviviruses: a Multitude of Variant Sequences as Potential Altered Peptide Ligands. <i>Journal of Virology</i> , 2012, 86, 7616-7624. | 1.5 | 14 |
| 110 | Development of a Robust Cytopathic Effect-Based High-Throughput Screening Assay To Identify Novel Inhibitors of Dengue Virus. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 3399-3401. | 1.4 | 16 |
| 111 | Immune transcript variations among <i>Aedes aegypti</i> populations with distinct susceptibility to dengue virus serotype 2. <i>Acta Tropica</i> , 2012, 124, 113-119. | 0.9 | 24 |
| 112 | Bradykinin enhances Sindbis virus infection in human brain microvascular endothelial cells. <i>Virology</i> , 2012, 422, 81-91. | 1.1 | 14 |
| 113 | Maternal LAMP/p55gagHIV-1 DNA Immunization Induces In Utero Priming and a Long-Lasting Immune Response in Vaccinated Neonates. <i>PLoS ONE</i> , 2012, 7, e31608. | 1.1 | 10 |
| 114 | Mucosal and systemic anti-GAG immunity induced by neonatal immunization with HIV LAMP/gag DNA vaccine in mice. <i>Immunobiology</i> , 2011, 216, 505-512. | 0.8 | 15 |
| 115 | Human Leukocyte Antigen (HLA) Class I Restricted Epitope Discovery in Yellow Fever and Dengue Viruses: Importance of HLA Binding Strength. <i>PLoS ONE</i> , 2011, 6, e26494. | 1.1 | 30 |
| 116 | Description of a Prospective 17DD Yellow Fever Vaccine Cohort in Recife, Brazil. <i>American Journal of Tropical Medicine and Hygiene</i> , 2011, 85, 739-747. | 0.6 | 39 |
| 117 | From Re-Emergence to Hyperendemicity: The Natural History of the Dengue Epidemic in Brazil. <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e935. | 1.3 | 125 |
| 118 | Immunization of neonatal mice with LAMP/p55 HIV gag DNA elicits robust immune responses that last to adulthood. <i>Virology</i> , 2010, 406, 37-47. | 1.1 | 12 |
| 119 | Conservation and Diversity of Influenza A H1N1 HLA-Restricted T Cell Epitope Candidates for Epitope-Based Vaccines. <i>PLoS ONE</i> , 2010, 5, e8754. | 1.1 | 42 |
| 120 | Seroprevalence and risk factors for dengue infection in socio-economically distinct areas of Recife, Brazil. <i>Acta Tropica</i> , 2010, 113, 234-240. | 0.9 | 158 |
| 121 | Dendritic Cell Mediated Delivery of Plasmid DNA Encoding LAMP/HIV-1 Gag Fusion Immunogen Enhances T Cell Epitope Responses in HLA DR4 Transgenic Mice. <i>PLoS ONE</i> , 2010, 5, e8574. | 1.1 | 18 |
| 122 | Classification of Dengue Fever Patients Based on Gene Expression Data Using Support Vector Machines. <i>PLoS ONE</i> , 2010, 5, e11267. | 1.1 | 36 |
| 123 | Early molecular markers predictive of dengue hemorrhagic fever. <i>Anais Da Academia Brasileira De Ciencias</i> , 2009, 81, 671-677. | 0.3 | 7 |
| 124 | Membrane and envelope virus proteins co-expressed as lysosome associated membrane protein (LAMP) fused antigens: a potential tool to develop DNA vaccines against flaviviruses. <i>Anais Da Academia Brasileira De Ciencias</i> , 2009, 81, 663-669. | 0.3 | 10 |
| 125 | Identification of Continuous Human B-Cell Epitopes in the Envelope Glycoprotein of Dengue Virus Type 3 (DENV-3). <i>PLoS ONE</i> , 2009, 4, e7425. | 1.1 | 23 |
| 126 | In Silico Identification of New Genetic Variations as Potential Risk Factors for Alzheimer's Disease in a Microarray-oriented Simulation. <i>Journal of Molecular Neuroscience</i> , 2009, 39, 242-247. | 1.1 | 5 |

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|-----|--|-----|-----------|
| 127 | Immune responses to T-cell epitopes of SARS CoV-N protein are enhanced by N immunization with a chimera of lysosome-associated membrane protein. <i>Gene Therapy</i> , 2009, 16, 1353-1362. | 2.3 | 23 |
| 128 | Comparison of DNA vaccines producing HIV-1 Gag and LAMP/Gag chimera in rhesus macaques reveals antigen-specific T-cell responses with distinct phenotypes. <i>Vaccine</i> , 2009, 27, 4840-4849. | 1.7 | 19 |
| 129 | Reliable Classifier to Differentiate Primary and Secondary Acute Dengue Infection Based on IgG ELISA. <i>PLoS ONE</i> , 2009, 4, e4945. | 1.1 | 42 |
| 130 | Alternative Complement Pathway Deregulation Is Correlated with Dengue Severity. <i>PLoS ONE</i> , 2009, 4, e6782. | 1.1 | 95 |
| 131 | Gene Expression Profiling during Early Acute Febrile Stage of Dengue Infection Can Predict the Disease Outcome. <i>PLoS ONE</i> , 2009, 4, e7892. | 1.1 | 77 |
| 132 | Comprehensive analysis of T cell epitope discovery strategies using 17DD yellow fever virus structural proteins and BALB/c (H2d) mice model. <i>Virology</i> , 2008, 378, 105-117. | 1.1 | 23 |
| 133 | MBL2 Gene polymorphisms protect against development of thrombocytopenia associated with severe dengue phenotype. <i>Human Immunology</i> , 2008, 69, 122-128. | 1.2 | 48 |
| 134 | Increased immune responses in rhesus macaques by DNA vaccination combined with electroporation. <i>Vaccine</i> , 2008, 26, 5223-5229. | 1.7 | 88 |
| 135 | Overcoming health inequity: potential benefits of a patient-centered open-source public health infostructure. <i>Cadernos De Saude Publica</i> , 2008, 24, 547-557. | 0.4 | 16 |
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