PatrÃ-cia Brasil

List of Publications by Year
in descending order

76 papers	5,679 citations	136950 32 h-index	85541 71 g-index
79 all docs	79 docs citations	79 times ranked	7143 citing authors

#	Article	IF	Citations
1	Zika Virus Infection in Pregnant Women in Rio de Janeiro. New England Journal of Medicine, 2016, 375, 2321-2334.	27.0	1,816
2	The Zika Virus Epidemic in Brazil: From Discovery to Future Implications. International Journal of Environmental Research and Public Health, 2018, 15, 96.	2.6	254
3	Zika Virus Outbreak in Rio de Janeiro, Brazil: Clinical Characterization, Epidemiological and Virological Aspects. PLoS Neglected Tropical Diseases, 2016, 10, e0004636.	3.0	246
4	Delayed childhood neurodevelopment and neurosensory alterations in the second year of life in a prospective cohort of ZIKV-exposed children. Nature Medicine, 2019, 25, 1213-1217.	30.7	215
5	From Mosquitos to Humans: Genetic Evolution of Zika Virus. Cell Host and Microbe, 2016, 19, 561-565.	11.0	199
6	Outbreak of human malaria caused by Plasmodium simium in the Atlantic Forest in Rio de Janeiro: a molecular epidemiological investigation. The Lancet Global Health, 2017, 5, e1038-e1046.	6.3	179
7	Isolation of Infective Zika Virus from Urine and Saliva of Patients in Brazil. PLoS Neglected Tropical Diseases, 2016, 10, e0004816.	3.0	173
8	Co-distribution and co-infection of chikungunya and dengue viruses. BMC Infectious Diseases, 2016, 16, 84.	2.9	171
9	First detection of natural infection of Aedes aegypti with Zika virus in Brazil and throughout South America. Memorias Do Instituto Oswaldo Cruz, 2016, 111, 655-658.	1.6	155
10	Asian Zika virus strains target CD14+ blood monocytes and induce M2-skewed immunosuppression during pregnancy. Nature Microbiology, 2017, 2, 1558-1570.	13.3	135
11	Malaria in Brazil: what happens outside the Amazonian endemic region. Memorias Do Instituto Oswaldo Cruz, 2014, 109, 618-633.	1.6	117
12	Investigation of SARS-CoV-2 infection in dogs and cats of humans diagnosed with COVID-19 in Rio de Janeiro, Brazil. PLoS ONE, 2021, 16, e0250853.	2.5	116
13	Culex quinquefasciatus from Rio de Janeiro Is Not Competent to Transmit the Local Zika Virus. PLoS Neglected Tropical Diseases, 2016, 10, e0004993.	3.0	106
14	Screening Criteria for Ophthalmic Manifestations of Congenital Zika Virus Infection. JAMA Pediatrics, 2017, 171, 847.	6.2	105
15	Association of Infants Exposed to Prenatal Zika Virus Infection With Their Clinical, Neurologic, and Developmental Status Evaluated via the General Movement Assessment Tool. JAMA Network Open, 2019, 2, e187235.	5.9	95
16	Neurodevelopment in Infants Exposed to Zika Virus In Utero. New England Journal of Medicine, 2018, 379, 2377-2379.	27.0	89
17	Congenital Zika syndrome: A systematic review. PLoS ONE, 2020, 15, e0242367.	2.5	87
18	Maternal Zika Virus Disease Severity, Virus Load, Prior Dengue Antibodies, and Their Relationship to Birth Outcomes. Clinical Infectious Diseases, 2017, 65, 877-883.	5.8	85

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19	Risk of microcephaly after Zika virus infection in Brazil, 2015 to 2016. Bulletin of the World Health Organization, 2017, 95, 191-198.	3.3	79
20	First detection of autochthonous Zika virus transmission in a HIV-infected patient in Rio de Janeiro, Brazil. Journal of Clinical Virology, 2016, 74, 1-3.	3.1	70
21	Accuracy of Zika virus disease case definition during simultaneous Dengue and Chikungunya epidemics. PLoS ONE, 2017, 12, e0179725.	2.5	62
22	Gram-Chromotrope: a New Technique that Enhances Detection of Microsporidial Spores in Clinical Samples. Journal of Eukaryotic Microbiology, 1996, 43, 94S-95S.	1.7	58
23	Association Between Antenatal Exposure to Zika Virus and Anatomical and Neurodevelopmental Abnormalities in Children. JAMA Network Open, 2020, 3, e209303.	5.9	52
24	Association Between Neonatal Neuroimaging and Clinical Outcomes in Zika-Exposed Infants From Rio de Janeiro, Brazil. JAMA Network Open, 2019, 2, e198124.	5.9	49
25	Zika Virus Infection in Pregnant Women in Rio de Janeiroâ€"Preliminary Report. Obstetrical and Gynecological Survey, 2016, 71, 331-333.	0.4	48
26	Behavioral, climatic, and environmental risk factors for Zika and Chikungunya virus infections in Rio de Janeiro, Brazil, 2015-16. PLoS ONE, 2017, 12, e0188002.	2.5	48
27	Neurodevelopment of children exposed intra-uterus by Zika virus: A case series. PLoS ONE, 2020, 15, e0229434.	2.5	48
28	Early Evidence for Zika Virus Circulation among Aedes aegypti Mosquitoes, Rio de Janeiro, Brazil. Emerging Infectious Diseases, 2017, 23, 1411-1412.	4.3	47
29	Study on the persistence of Zika virus (ZIKV) in body fluids of patients with ZIKV infection in Brazil. BMC Infectious Diseases, 2018, 18, 49.	2.9	40
30	Eye Findings in Infants With Suspected or Confirmed Antenatal Zika Virus Exposure. Pediatrics, 2018, 142, .	2.1	38
31	Understanding the relation between Zika virus infection during pregnancy and adverse fetal, infant and child outcomes: a protocol for a systematic review and individual participant data meta-analysis of longitudinal studies of pregnant women and their infants and children. BMJ Open, 2019, 9, e026092.	1.9	36
32	Zika puzzle in Brazil: peculiar conditions of viral introduction and dissemination - A Review. Memorias Do Instituto Oswaldo Cruz, 2017, 112, 319-327.	1.6	34
33	Dispersion and oviposition of Aedes albopictus in a Brazilian slum: Initial evidence of Asian tiger mosquito domiciliation in urban environments. PLoS ONE, 2018, 13, e0195014.	2.5	32
34	Circulation of chikungunya virus East/Central/South African lineage in Rio de Janeiro, Brazil. PLoS ONE, 2019, 14, e0217871.	2.5	31
35	Association of past dengue fever epidemics with the risk of Zika microcephaly at the population level in Brazil. Scientific Reports, 2020, 10, 1752.	3.3	30
36	An assay for the identification of Plasmodium simium infection for diagnosis of zoonotic malaria in the Brazilian Atlantic Forest. Scientific Reports, 2018, 8, 86.	3.3	29

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37	Biomarkers and immunoprofiles associated with fetal abnormalities of ZIKV-positive pregnancies. JCI Insight, 2018, 3, .	5.0	29
38	Zika virus infection in pregnancy and infant growth, body composition in the first three months of life: a cohort study. Scientific Reports, 2019, 9, 19198.	3.3	28
39	The systemic inflammatory landscape of COVID-19 in pregnancy: Extensive serum proteomic profiling of mother-infant dyads with in utero SARS-CoV-2. Cell Reports Medicine, 2021, 2, 100453.	6.5	28
40	Zika virus vertical transmission in children with confirmed antenatal exposure. Nature Communications, 2020, 11, 3510.	12.8	26
41	The genome of the zoonotic malaria parasite Plasmodium simium reveals adaptations to host switching. BMC Biology, 2021, 19, 219.	3.8	21
42	Visual function in infants with antenatal Zika virusÂexposure. Journal of AAPOS, 2018, 22, 452-456.e1.	0.3	20
43	The Emerging Zika Virus Threat: A Guide for Dermatologists. American Journal of Clinical Dermatology, 2017, 18, 231-236.	6.7	18
44	Zika Virus in Rectal Swab Samples. Emerging Infectious Diseases, 2019, 25, 951-954.	4.3	17
45	Zika virus NS3 protease induces bone morphogenetic protein-dependent brain calcification in human fetuses. Nature Microbiology, 2021, 6, 455-466.	13.3	15
46	Early Clinical Infancy Outcomes for Microcephaly and/or Small for Gestational Age Zika-Exposed Infants. Clinical Infectious Diseases, 2020, 70, 2663-2672.	5.8	13
47	Co-Circulation of Two Independent Clades and Persistence of CHIKV-ECSA Genotype during Epidemic Waves in Rio de Janeiro, Southeast Brazil. Pathogens, 2020, 9, 984.	2.8	13
48	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. BMC Infectious Diseases, 2019, 19, 1081.	2.9	11
49	Examining the Association of Socioeconomic Position with Microcephaly and Delayed Childhood Neurodevelopment among Children with Prenatal Zika Virus Exposure. Viruses, 2020, 12, 1342.	3.3	11
50	Post-acute COVID-19 syndrome after reinfection and vaccine breakthrough by the SARS-CoV-2 Gamma variant in Brazil. International Journal of Infectious Diseases, 2022, 114, 58-61.	3.3	11
51	Discordant Zika Virus Findings in Twin Pregnancies Complicated by Antenatal Zika Virus Exposure: A Prospective Cohort. Journal of Infectious Diseases, 2020, 221, 1838-1845.	4.0	10
52	Rotavirus A shedding and HBGA host genetic susceptibility in a birth community-cohort, Rio de Janeiro, Brazil, 2014â€“2018. Scientific Reports, 2020, 10, 6965.	3.3	10
53	Zika virus infection in pregnancy: a protocol for the joint analysis of the prospective cohort studies of the ZIKAlliance, ZikaPLAN and ZIKAction consortia. BMJ Open, 2020, 10, e035307.	1.9	10
54	Zika Brazilian Cohorts (ZBC) Consortium: Protocol for an Individual Participant Data Meta-Analysis of Congenital Zika Syndrome after Maternal Exposure during Pregnancy. Viruses, 2021, 13, 687.	3.3	9

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55	Detection of Chikungunya virus in bodily fluids: The INOVACHIK cohort study. PLoS Neglected Tropical Diseases, 2022, 16, e0010242.	3.0	9
56	Zika Virus Infection Leads to Variable Defects in Multiple Neurological Functions and Behaviors in Mice and Children. Advanced Science, 2020, 7, 1901996.	11.2	8
57	Incidence of SARS-CoV-2 over four epidemic waves in a low-resource community in Rio de Janeiro, Brazil: A prospective cohort study. The Lancet Regional Health Americas, 2022, 12, 100283.	2.6	8
58	Spontaneous Abortion and Chikungunya Infection: Pathological Findings. Viruses, 2021, 13, 554.	3.3	7
59	Neurodevelopment in the third year of life in children with antenatal ZIKV-exposure. Revista De Saude Publica, 2021, 55, 15.	1.7	7
60	Diagnostic performance of anti-Zika virus IgM, IgAM and IgG ELISAs during co-circulation of Zika, dengue, and chikungunya viruses in Brazil and Venezuela. PLoS Neglected Tropical Diseases, 2021, 15, e0009336.	3.0	7
61	Out-of-Season Influenza during a COVID-19 Void in the State of Rio de Janeiro, Brazil: Temperature Matters. Vaccines, 2022, 10, 821.	4.4	7
62	Impact of a single safety-engineered device on the occurrence of percutaneous injuries in a general hospital in Brazil. American Journal of Infection Control, 2014, 42, 174-177.	2.3	6
63	A Systematic Evaluation of IgM and IgG Antibody Assay Accuracy in Diagnosing Acute Zika Virus Infection in Brazil: Lessons Relevant to Emerging Infections. Journal of Clinical Microbiology, 2021, 59, e0289320.	3.9	6
64	Early Predictors of Poor Neurologic Outcomes in a Prospective Cohort of Infants With Antenatal Exposure to Zika Virus. Pediatric Infectious Disease Journal, 2022, 41, 255-262.	2.0	6
65	Why Did ZIKV Perinatal Outcomes Differ in Distinct Regions of Brazil? An Exploratory Study of Two Cohorts. Viruses, 2021, 13, 736.	3.3	5
66	Language delay was associated with a smaller head circumference at birth in asymptomatic infants prenatally exposed to the Zika virus. Acta Paediatrica, International Journal of Paediatrics, 2021, 110, 2375-2381.	1.5	5
67	A prospective, multicentre, cohort study to assess the incidence of dengue illness in households from selected communities in Brazil (2014â€“2018). International Journal of Infectious Diseases, 2021, 108, 443-453.	3.3	5
68	A populational-based birth cohort study in a low-income urban area in Rio de Janeiro, Brazil: implementation and description of the characteristics of the study. Cadernos De Saude Publica, 2019, 35, e00023918.	1.0	4
69	Balancing selection and high genetic diversity of Plasmodium vivax circumsporozoite central region in parasites from Brazilian Amazon and Rio de Janeiro Atlantic Forest. PLoS ONE, 2020, 15, e0241426.	2.5	4
70	Zika Virus Infection and Differential Diagnosis in a Cohort of HIV-Infected Patients. Journal of Acquired Immune Deficiency Syndromes (1999), 2018, 79, 237-243.	2.1	3
71	Evidence of Zika virus circulation in asymptomatic pregnant women in Northeast, Brazil. PLoS Neglected Tropical Diseases, 2021, 15, e0009412.	3.0	3
72	Time to Evaluate the Clinical Repercussions of Zika Virus Vertical Transmission? A Systematic Review. Frontiers in Psychiatry, 2021, 12, 699115.	2.6	3

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73	Exploration of Plasmodium vivax merozoite surface proteins 1 and 7 genetic diversity in Brazilian Amazon and Rio de Janeiro Atlantic Forest. Infection, Genetics and Evolution, 2020, 86, 104592.	2.3	2
74	ZIKA Virus Neutralizing Antibody Kinetics in Antenatally Exposed Infants. Journal of Infectious Diseases, 2021, 224, 1060-1068.	4.0	2
75	SARS-CoV-2 variant N.9 identified in Rio de Janeiro, Brazil. Memorias Do Instituto Oswaldo Cruz, 2021, 116, e210166.	1.6	2
76	Phenotypic and Genetic Variability of Isolates of ZIKV-2016 in Brazil. Microorganisms, 2022, 10, 854.	3.6	0