

# Karin Nielsen-Saines

## List of Publications by Year in descending order

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Version: 2024-02-01

103  
papers

7,136  
citations

201674

27  
h-index

64796

79  
g-index

111  
all docs

111  
docs citations

111  
times ranked

11661  
citing authors

#	ARTICLE	IF	CITATIONS
1	Zika Virus Infection in Pregnant Women in Rio de Janeiro. <i>New England Journal of Medicine</i> , 2016, 375, 2321-2334.	27.0	1,816
2	Antiretroviral Therapy for the Prevention of HIV-1 Transmission. <i>New England Journal of Medicine</i> , 2016, 375, 830-839.	27.0	1,282
3	Real estimates of mortality following COVID-19 infection. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 773.	9.1	988
4	Delayed childhood neurodevelopment and neurosensory alterations in the second year of life in a prospective cohort of ZIKV-exposed children. <i>Nature Medicine</i> , 2019, 25, 1213-1217.	30.7	215
5	From Mosquitos to Humans: Genetic Evolution of Zika Virus. <i>Cell Host and Microbe</i> , 2016, 19, 561-565.	11.0	199
6	Three Postpartum Antiretroviral Regimens to Prevent Intrapartum HIV Infection. <i>New England Journal of Medicine</i> , 2012, 366, 2368-2379.	27.0	189
7	Guidelines for pregnant women with suspected SARS-CoV-2 infection. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 652-653.	9.1	163
8	Chloroquine, a FDA-approved Drug, Prevents Zika Virus Infection and its Associated Congenital Microcephaly in Mice. <i>EBioMedicine</i> , 2017, 24, 189-194.	6.1	144
9	Asian Zika virus strains target CD14+ blood monocytes and induce M2-skewed immunosuppression during pregnancy. <i>Nature Microbiology</i> , 2017, 2, 1558-1570.	13.3	135
10	Screening Criteria for Ophthalmic Manifestations of Congenital Zika Virus Infection. <i>JAMA Pediatrics</i> , 2017, 171, 847.	6.2	105
11	Association of Infants Exposed to Prenatal Zika Virus Infection With Their Clinical, Neurologic, and Developmental Status Evaluated via the General Movement Assessment Tool. <i>JAMA Network Open</i> , 2019, 2, e187235.	5.9	95
12	Neurodevelopment in Infants Exposed to Zika Virus In Utero. <i>New England Journal of Medicine</i> , 2018, 379, 2377-2379.	27.0	89
13	<i>Chlamydia trachomatis</i> Infection in Pregnancy: The Global Challenge of Preventing Adverse Pregnancy and Infant Outcomes in Sub-Saharan Africa and Asia. <i>BioMed Research International</i> , 2016, 1-21.	1.9	88
14	Maternal Zika Virus Disease Severity, Virus Load, Prior Dengue Antibodies, and Their Relationship to Birth Outcomes. <i>Clinical Infectious Diseases</i> , 2017, 65, 877-883.	5.8	85
15	A Novel Way to Measure and Predict Development: A Heuristic Approach to Facilitate the Early Detection of Neurodevelopmental Disorders. <i>Current Neurology and Neuroscience Reports</i> , 2017, 17, 43.	4.2	66
16	Sexual Transmission of HIV-1 Among Serodiscordant Couples in Porto Alegre, Southern Brazil. <i>Sexually Transmitted Diseases</i> , 2008, 35, 912-915.	1.7	62
17	Accuracy of Zika virus disease case definition during simultaneous Dengue and Chikungunya epidemics. <i>PLoS ONE</i> , 2017, 12, e0179725.	2.5	62
18	Regional brain gray and white matter changes in perinatally HIV-infected adolescents. <i>NeuroImage: Clinical</i> , 2014, 4, 29-34.	2.7	58

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19	Syphilis in HIV-infected Mothers and Infants. <i>Pediatric Infectious Disease Journal</i> , 2015, 34, e52-e57.	2.0	53
20	Association Between Antenatal Exposure to Zika Virus and Anatomical and Neurodevelopmental Abnormalities in Children. <i>JAMA Network Open</i> , 2020, 3, e209303.	5.9	52
21	Association Between Neonatal Neuroimaging and Clinical Outcomes in Zika-Exposed Infants From Rio de Janeiro, Brazil. <i>JAMA Network Open</i> , 2019, 2, e198124.	5.9	49
22	Behavioral, climatic, and environmental risk factors for Zika and Chikungunya virus infections in Rio de Janeiro, Brazil, 2015-16. <i>PLoS ONE</i> , 2017, 12, e0188002.	2.5	48
23	Combined evaluation of sexually transmitted infections in HIV-infected pregnant women and infant HIV transmission. <i>PLoS ONE</i> , 2018, 13, e0189851.	2.5	42
24	Novel AI driven approach to classify infant motor functions. <i>Scientific Reports</i> , 2021, 11, 9888.	3.3	39
25	Eye Findings in Infants With Suspected or Confirmed Antenatal Zika Virus Exposure. <i>Pediatrics</i> , 2018, 142, .	2.1	38
26	Cardiac findings in infants with in utero exposure to Zika virus- a cross sectional study. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006362.	3.0	37
27	The motor repertoire in 3- to 5-month old infants with Down syndrome. <i>Research in Developmental Disabilities</i> , 2017, 67, 1-8.	2.2	36
28	Hippo Signaling Pathway Has a Critical Role in Zika Virus Replication and in the Pathogenesis of Neuroinflammation. <i>American Journal of Pathology</i> , 2020, 190, 844-861.	3.8	30
29	Biomarkers and immunoprofiles associated with fetal abnormalities of ZIKV-positive pregnancies. <i>JCI Insight</i> , 2018, 3, .	5.0	29
30	Zika clinical updates: implications for pediatrics. <i>Current Opinion in Pediatrics</i> , 2018, 30, 105-116.	2.0	28
31	Zika virus infection in pregnancy and infant growth, body composition in the first three months of life: a cohort study. <i>Scientific Reports</i> , 2019, 9, 19198.	3.3	28
32	The systemic inflammatory landscape of COVID-19 in pregnancy: Extensive serum proteomic profiling of mother-infant dyads with in utero SARS-CoV-2. <i>Cell Reports Medicine</i> , 2021, 2, 100453.	6.5	28
33	More pieces to the microcephalyâ€Zika virus puzzle in Brazil. <i>Lancet Infectious Diseases</i> , The, 2016, 16, 1307-1309.	9.1	27
34	Chlamydia trachomatis Screening and Treatment in Pregnancy to Reduce Adverse Pregnancy and Neonatal Outcomes: A Review. <i>Frontiers in Public Health</i> , 2021, 9, 531073.	2.7	27
35	Zika virus vertical transmission in children with confirmed antenatal exposure. <i>Nature Communications</i> , 2020, 11, 3510.	12.8	26
36	Changes in HIV-1 Subtypes B and C Genital Tract RNA in Women and Men After Initiation of Antiretroviral Therapy. <i>Clinical Infectious Diseases</i> , 2013, 57, 290-297.	5.8	25

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37	Invasive fungal infections in pediatric hematopoietic stem cell transplant patients. <i>Infectious Diseases</i> , 2015, 47, 218-224.	2.8	23
38	Reduction of Maternal Mortality with Highly Active Antiretroviral Therapy in a Large Cohort of HIV-Infected Pregnant Women in Malawi and Mozambique. <i>PLoS ONE</i> , 2013, 8, e71653.	2.5	23
39	<i>Nocardia asteroides</i> brain abscesses and meningitis in an immunocompromized 10-year-old child. <i>Scandinavian Journal of Infectious Diseases</i> , 2005, 37, 511-513.	1.5	22
40	Cytomegalovirus Urinary Shedding in HIV-infected Pregnant Women and Congenital Cytomegalovirus Infection. <i>Clinical Infectious Diseases</i> , 2017, 65, 405-413.	5.8	21
41	Elimination of Mother-To-Child Transmission of HIV Infection: The Drug Resource Enhancement against AIDS and Malnutrition Model. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 13224-13239.	2.6	20
42	Visual function in infants with antenatal Zika virus exposure. <i>Journal of AAPOS</i> , 2018, 22, 452-456.e1.	0.3	20
43	COVID-19 in pregnant women – Authors' reply. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 654.	9.1	20
44	Implementing anti-retroviral triple therapy to prevent HIV mother-to-child transmission: a public health approach in resource-limited settings. <i>European Journal of Pediatrics</i> , 2007, 166, 1305-1307.	2.7	19
45	Association of Prenatal Ultrasonographic Findings With Adverse Neonatal Outcomes Among Pregnant Women With Zika Virus Infection in Brazil. <i>JAMA Network Open</i> , 2018, 1, e186529.	5.9	19
46	Human Immunodeficiency Virus Antiretroviral Resistance and Transmission in Mother-Infant Pairs Enrolled in a Large Perinatal Study. <i>Clinical Infectious Diseases</i> , 2018, 66, 1770-1777.	5.8	17
47	HIV-1 heterosexual transmission and association with sexually transmitted infections in the era of treatment as prevention. <i>International Journal of Infectious Diseases</i> , 2019, 87, 128-134.	3.3	16
48	The Role of Amniocentesis in the Diagnosis of Congenital Zika Syndrome. <i>Clinical Infectious Diseases</i> , 2019, 69, 713-716.	5.8	16
49	Controlling the COVID-19 pandemic in Brazil: a challenge of continental proportions. <i>Nature Medicine</i> , 2020, 26, 1505-1506.	30.7	16
50	Infant Outcomes After Maternal Antiretroviral Exposure in Resource-Limited Settings. <i>Pediatrics</i> , 2012, 129, e1525-e1532.	2.1	15
51	Authors' reply. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 775-776.	9.1	15
52	Zika virus NS3 protease induces bone morphogenetic protein-dependent brain calcification in human fetuses. <i>Nature Microbiology</i> , 2021, 6, 455-466.	13.3	15
53	Vaccine Attitudes and COVID-19 Vaccine Intentions and Prevention Behaviors among Young People At-Risk for and Living with HIV in Los Angeles and New Orleans. <i>Vaccines</i> , 2022, 10, 413.	4.4	15
54	Towards a consensus on developmental regression. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 107, 3-5.	6.1	14

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55	Case Report: Insulin-Dependent Diabetes Mellitus and Diabetic Keto-Acidosis in a Child With COVID-19. <i>Frontiers in Pediatrics</i> , 2021, 9, 628810.	1.9	14
56	Barriers and facilitators for men to attend prenatal care and obtain HIV voluntary counseling and testing in Brazil. <i>PLoS ONE</i> , 2017, 12, e0175505.	2.5	14
57	High rates of baseline antiretroviral resistance among HIV-infected pregnant women in an HIV referral centre in Rio de Janeiro, Brazil. <i>International Journal of STD and AIDS</i> , 2015, 26, 922-928.	1.1	13
58	Filling the Gaps for Enhancing the Effectiveness of Community-Based Programs Combining Treatment and Prevention of Child Malnutrition: Results from the Rainbow Project 2015â€“17 in Zambia. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1807.	2.6	13
59	Early Clinical Infancy Outcomes for Microcephaly and/or Small for Gestational Age Zika-Exposed Infants. <i>Clinical Infectious Diseases</i> , 2020, 70, 2663-2672.	5.8	13
60	Repercussions of the COVID-19 pandemic on preventive health services in Brazil. <i>Preventive Medicine</i> , 2022, 155, 106914.	3.4	13
61	Acute HIV Infection in Youth: Protocol for the Adolescent Trials Network 147 (ATN147) Comprehensive Adolescent Research and Engagement Studies (CARES) Study. <i>JMIR Research Protocols</i> , 2019, 8, e10807.	1.0	12
62	Examining the Association of Socioeconomic Position with Microcephaly and Delayed Childhood Neurodevelopment among Children with Prenatal Zika Virus Exposure. <i>Viruses</i> , 2020, 12, 1342.	3.3	11
63	Post-acute COVID-19 syndrome after reinfection and vaccine breakthrough by the SARS-CoV-2 Gamma variant in Brazil. <i>International Journal of Infectious Diseases</i> , 2022, 114, 58-61.	3.3	11
64	Discordant Zika Virus Findings in Twin Pregnancies Complicated by Antenatal Zika Virus Exposure: A Prospective Cohort. <i>Journal of Infectious Diseases</i> , 2020, 221, 1838-1845.	4.0	10
65	Community-Based Management of Child Malnutrition in Zambia: HIV/AIDS Infection and Other Risk Factors on Child Survival. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 666.	2.6	9
66	Perinatal HIV as an infectious cause of developmental regression. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 102, 417-423.	6.1	9
67	White matter of perinatally HIV infected older youths shows low frequency fluctuations that may reflect glial cycling. <i>Scientific Reports</i> , 2021, 11, 3086.	3.3	9
68	Reemergence of yellow fever virus in southeastern Brazil, 2017â€“2018: What sparked the spread?. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010133.	3.0	9
69	Viral Suppression and Resistance in a Cohort of Perinatally-HIV Infected (PHIV+) Pregnant Women. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 568.	2.6	8
70	White matter microstructure among perinatally HIV-infected youth: a diffusion tensor imaging study. <i>Journal of NeuroVirology</i> , 2019, 25, 313-323.	2.1	8
71	Zika Virus Infection Leads to Variable Defects in Multiple Neurological Functions and Behaviors in Mice and Children. <i>Advanced Science</i> , 2020, 7, 1901996.	11.2	8
72	Insurance status predicts self-reported influenza vaccine coverage among pregnant women in the United States: A cross-sectional analysis of the National Health Interview Study Data from 2012 to 2018. <i>Vaccine</i> , 2021, 39, 2068-2073.	3.8	8

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73	Gross motor function in children with Congenital Zika Syndrome from Rio de Janeiro, Brazil. <i>European Journal of Pediatrics</i> , 2022, 181, 783-788.	2.7	8
74	High Prevalence of Sexually Transmitted Infections in Pregnant Women Living in Southern Brazil. <i>Sexually Transmitted Diseases</i> , 2021, 48, 128-133.	1.7	8
75	Antiretroviral adherence and virologic suppression in partnered and unpartnered HIV-positive individuals in southern Brazil. <i>PLoS ONE</i> , 2019, 14, e0212744.	2.5	7
76	Neurodevelopment in the third year of life in children with antenatal ZIKV-exposure. <i>Revista De Saude Publica</i> , 2021, 55, 15.	1.7	7
77	Maternal HIV and syphilis are not syndemic in Brazil: Hot spot analysis of the two epidemics. <i>PLoS ONE</i> , 2021, 16, e0255590.	2.5	7
78	Out-of-Season Influenza during a COVID-19 Void in the State of Rio de Janeiro, Brazil: Temperature Matters. <i>Vaccines</i> , 2022, 10, 821.	4.4	7
79	Challenges and motivators for male partner involvement in prenatal care for HIV testing in a tertiary setting in Brazil. <i>International Journal of STD and AIDS</i> , 2019, 30, 875-884.	1.1	6
80	Improving Treatment Adherence and Retention of HIV-Positive Women Through Behavioral Change Interventions Aimed at Their Male Partners: Protocol for a Prospective, Controlled Before-and-After Study. <i>JMIR Research Protocols</i> , 2021, 10, e19384.	1.0	6
81	Efficacy of Three Antiretroviral Regimens Initiated during Pregnancy: Clinical Experience in Rio de Janeiro. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	6
82	Early Predictors of Poor Neurologic Outcomes in a Prospective Cohort of Infants With Antenatal Exposure to Zika Virus. <i>Pediatric Infectious Disease Journal</i> , 2022, 41, 255-262.	2.0	6
83	The In Vitro Growth and Serial Passage of RA 27/3 Rubella Vaccine Virus in Cord Blood Mononuclear Leukocytes from Normal Babies. <i>Pediatric Research</i> , 1995, 37, 623-625.	2.3	5
84	Failure to recognize Low non-treponemal titer syphilis infections in pregnancy May lead to widespread under-treatment. <i>International Journal of Infectious Diseases</i> , 2021, 104, 27-33.	3.3	5
85	Why Did ZIKV Perinatal Outcomes Differ in Distinct Regions of Brazil? An Exploratory Study of Two Cohorts. <i>Viruses</i> , 2021, 13, 736.	3.3	5
86	Language delay was associated with a smaller head circumference at birth in asymptomatic infants prenatally exposed to the Zika virus. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2021, 110, 2375-2381.	1.5	5
87	Diagnosis and treatment of sexually transmitted infections in male partners of pregnant women in Brazil. <i>International Journal of STD and AIDS</i> , 2021, 32, 1242-1249.	1.1	5
88	Ineffective penicillin treatment and absence of partner treatment may drive the congenital syphilis epidemic in Brazil. <i>AJOG Global Reports</i> , 2022, 2, 100050.	1.0	5
89	Longitudinal Follow-Up of Gross Motor Function in Children with Congenital Zika Virus Syndrome from a Cohort in Rio de Janeiro, Brazil. <i>Viruses</i> , 2022, 14, 1173.	3.3	5
90	Stability of severe acute respiratory syndrome coronavirus 2 RNA in placenta and fetal cells. <i>American Journal of Obstetrics and Gynecology</i> , 2021, 224, 126-127.	1.3	4

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91	Time to Evaluate the Clinical Repercussions of Zika Virus Vertical Transmission? A Systematic Review. <i>Frontiers in Psychiatry</i> , 2021, 12, 699115.	2.6	3
92	Pilot Assessment of Brain Metabolism in Perinatally HIV-Infected Youths Using Accelerated 5D Echo Planar J-Resolved Spectroscopic Imaging. <i>PLoS ONE</i> , 2016, 11, e0162810.	2.5	3
93	Anthropometric Parameters of Children with Congenital Zika Virus Exposure in the First Three Years of Life. <i>Viruses</i> , 2022, 14, 876.	3.3	3
94	Impact of Extended Combination Antiretroviral Therapy on the Decline of HIV Prevalence in Pregnant Women in Malawi. <i>Journal of the International Association of Providers of AIDS Care</i> , 2016, 15, 172-177.	1.5	2
95	ZIKA Virus Neutralizing Antibody Kinetics in Antenatally Exposed Infants. <i>Journal of Infectious Diseases</i> , 2021, 224, 1060-1068.	4.0	2
96	Prospective cohort study of children exposed to hepatitis C virus through a pregnancy screening program. <i>International Journal of Infectious Diseases</i> , 2021, 110, 62-68.	3.3	2
97	610. Barriers and Facilitators to Uptake of Male Partner Attendance for HIV VCT During Prenatal Care in Brazil. <i>Open Forum Infectious Diseases</i> , 2018, 5, S223-S223.	0.9	1
98	A Novel Radiologic Finding to Predict Ophthalmic Abnormalities in Children With Congenital Zika Syndrome. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2021, 10, 730-737.	1.3	1
99	The Effect of Partnership Presence and Support on HIV Viral Suppression Among Serodiscordant Partnered and Single Heterosexual HIV-Positive Individuals in Brazil. <i>AIDS and Behavior</i> , 2021, 25, 1946-1953.	2.7	1
100	Clinical and epidemiological characteristics of SARS-CoV-2 Infection in Los Angeles County youth during the first year of the pandemic. <i>International Journal of Infectious Diseases</i> , 2022, 122, 514-520.	3.3	1
101	Reply to "A critical analysis of neurodevelopmental and neurosensory outcomes after 2 years for children with in utero Zika virus exposure". <i>Nature Medicine</i> , 2019, 25, 1642-1643.	30.7	0
102	Letter to Editor: HIV medicine. <i>HIV Medicine</i> , 2019, 20, e15.	2.2	0
103	OUP accepted manuscript. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2022, , .	1.3	0