

# 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	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
2	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
3	Repercussions of the COVID-19 pandemic on preventive health services in Brazil. <i>Preventive Medicine</i> , 2022, 155, 106914.	3.4	13
4	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
5	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
6	OUP accepted manuscript. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2022, , .	1.3	0
7	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
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	ZIKA Virus Neutralizing Antibody Kinetics in Antenatally Exposed Infants. <i>Journal of Infectious Diseases</i> , 2021, 224, 1060-1068.	4.0	2
16	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
17	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
18	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

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19	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
20	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
21	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
22	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
23	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
24	Novel AI driven approach to classify infant motor functions. <i>Scientific Reports</i> , 2021, 11, 9888.	3.3	39
25	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
26	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
27	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
28	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
29	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
30	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
31	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
32	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
33	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
34	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
35	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
36	Zika virus vertical transmission in children with confirmed antenatal exposure. <i>Nature Communications</i> , 2020, 11, 3510.	12.8	26

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37	Authors' reply. <i>Lancet Infectious Diseases, The</i> , 2020, 20, 775-776.	9.1	15
38	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
39	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
40	Controlling the COVID-19 pandemic in Brazil: a challenge of continental proportions. <i>Nature Medicine</i> , 2020, 26, 1505-1506.	30.7	16
41	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
42	COVID-19 in pregnant women – Authors' reply. <i>Lancet Infectious Diseases, The</i> , 2020, 20, 654.	9.1	20
43	Real estimates of mortality following COVID-19 infection. <i>Lancet Infectious Diseases, The</i> , 2020, 20, 773.	9.1	988
44	Guidelines for pregnant women with suspected SARS-CoV-2 infection. <i>Lancet Infectious Diseases, The</i> , 2020, 20, 652-653.	9.1	163
45	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
46	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
47	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
48	Towards a consensus on developmental regression. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 107, 3-5.	6.1	14
49	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
50	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
51	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
52	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
53	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
54	Perinatal HIV as an infectious cause of developmental regression. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 102, 417-423.	6.1	9

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55	Letter to Editor: <scp>HIV</scp> medicine. HIV Medicine, 2019, 20, e15.	2.2	0
56	Antiretroviral adherence and virologic suppression in partnered and unpartnered HIV-positive individuals in southern Brazil. PLoS ONE, 2019, 14, e0212744.	2.5	7
57	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
58	White matter microstructure among perinatally HIV-infected youth: a diffusion tensor imaging study. Journal of NeuroVirology, 2019, 25, 313-323.	2.1	8
59	The Role of Amniocentesis in the Diagnosis of Congenital Zika Syndrome. Clinical Infectious Diseases, 2019, 69, 713-716.	5.8	16
60	Acute HIV Infection in Youth: Protocol for the Adolescent Trials Network 147 (ATN147) Comprehensive Adolescent Research and Engagement Studies (CARES) Study. JMIR Research Protocols, 2019, 8, e10807.	1.0	12
61	Human Immunodeficiency Virus Antiretroviral Resistance and Transmission in Mother-Infant Pairs Enrolled in a Large Perinatal Study. Clinical Infectious Diseases, 2018, 66, 1770-1777.	5.8	17
62	Zika clinical updates: implications for pediatrics. Current Opinion in Pediatrics, 2018, 30, 105-116.	2.0	28
63	610. Barriers and Facilitators to Uptake of Male Partner Attendance for HIV VCT During Prenatal Care in Brazil. Open Forum Infectious Diseases, 2018, 5, S223-S223.	0.9	1
64	Visual function in infants with antenatal Zika virus exposure. Journal of AAPOS, 2018, 22, 452-456.e1.	0.3	20
65	Association of Prenatal Ultrasonographic Findings With Adverse Neonatal Outcomes Among Pregnant Women With Zika Virus Infection in Brazil. JAMA Network Open, 2018, 1, e186529.	5.9	19
66	Neurodevelopment in Infants Exposed to Zika Virus In Utero. New England Journal of Medicine, 2018, 379, 2377-2379.	27.0	89
67	Filling the Gaps for Enhancing the Effectiveness of Community-Based Programs Combining Treatment and Prevention of Child Malnutrition: Results from the Rainbow Project 2015-17 in Zambia. International Journal of Environmental Research and Public Health, 2018, 15, 1807.	2.6	13
68	Eye Findings in Infants With Suspected or Confirmed Antenatal Zika Virus Exposure. Pediatrics, 2018, 142, .	2.1	38
69	Combined evaluation of sexually transmitted infections in HIV-infected pregnant women and infant HIV transmission. PLoS ONE, 2018, 13, e0189851.	2.5	42
70	Cardiac findings in infants with in utero exposure to Zika virus- a cross sectional study. PLoS Neglected Tropical Diseases, 2018, 12, e0006362.	3.0	37
71	Biomarkers and immunoprofiles associated with fetal abnormalities of ZIKV-positive pregnancies. JCI Insight, 2018, 3, .	5.0	29
72	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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73	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
74	Cytomegalovirus Urinary Shedding in HIV-infected Pregnant Women and Congenital Cytomegalovirus Infection. <i>Clinical Infectious Diseases</i> , 2017, 65, 405-413.	5.8	21
75	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
76	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
77	Screening Criteria for Ophthalmic Manifestations of Congenital Zika Virus Infection. <i>JAMA Pediatrics</i> , 2017, 171, 847.	6.2	105
78	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
79	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
80	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
81	Accuracy of Zika virus disease case definition during simultaneous Dengue and Chikungunya epidemics. <i>PLoS ONE</i> , 2017, 12, e0179725.	2.5	62
82	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
83	<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, 2016, 1-21.	1.9	88
84	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
85	From Mosquitos to Humans: Genetic Evolution of Zika Virus. <i>Cell Host and Microbe</i> , 2016, 19, 561-565.	11.0	199
86	More pieces to the microcephalyâ€“Zika virus puzzle in Brazil. <i>Lancet Infectious Diseases</i> , The, 2016, 16, 1307-1309.	9.1	27
87	Antiretroviral Therapy for the Prevention of HIV-1 Transmission. <i>New England Journal of Medicine</i> , 2016, 375, 830-839.	27.0	1,282
88	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
89	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
90	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

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91	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
92	Invasive fungal infections in pediatric hematopoietic stem cell transplant patients. <i>Infectious Diseases</i> , 2015, 47, 218-224.	2.8	23
93	Syphilis in HIV-infected Mothers and Infants. <i>Pediatric Infectious Disease Journal</i> , 2015, 34, e52-e57.	2.0	53
94	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
95	Regional brain gray and white matter changes in perinatally HIV-infected adolescents. <i>NeuroImage: Clinical</i> , 2014, 4, 29-34.	2.7	58
96	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
97	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
98	Infant Outcomes After Maternal Antiretroviral Exposure in Resource-Limited Settings. <i>Pediatrics</i> , 2012, 129, e1525-e1532.	2.1	15
99	Three Postpartum Antiretroviral Regimens to Prevent Intrapartum HIV Infection. <i>New England Journal of Medicine</i> , 2012, 366, 2368-2379.	27.0	189
100	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
101	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
102	<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
103	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