

Nigel Klein

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,667
citations

471061

17
h-index

301761

39
g-index

52
all docs

52
docs citations

52
times ranked

3261
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulatory B cells are induced by gut microbiota-driven interleukin-1 β and interleukin-6 production. <i>Nature Medicine</i> , 2014, 20, 1334-1339.	15.2	373
2	Ischemic Preconditioning Prevents Endothelial Injury and Systemic Neutrophil Activation During Ischemia-Reperfusion in Humans In Vivo. <i>Circulation</i> , 2001, 103, 1624-1630.	1.6	296
3	Interleukin-8 (CXCL8) production is a signatory T cell effector function of human newborn infants. <i>Nature Medicine</i> , 2014, 20, 1206-1210.	15.2	161
4	Neuroblastoma Killing Properties of $\gamma\delta$ and $\gamma\delta$ -Negative β 17 α T Cells Following Expansion by Artificial Antigen-Presenting Cells. <i>Clinical Cancer Research</i> , 2014, 20, 5720-5732.	3.2	99
5	Increased Thymic Output after Initiation of Antiretroviral Therapy in Human Immunodeficiency Virus Type 1-Infected Children in the Paediatric European Network for Treatment of AIDS (PENTA) 5 Trial. <i>Journal of Infectious Diseases</i> , 2002, 186, 312-320.	1.9	73
6	Cotrimoxazole reduces systemic inflammation in HIV infection by altering the gut microbiome and immune activation. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	64
7	Structural and functional changes in HDL with low grade and chronic inflammation. <i>International Journal of Cardiology</i> , 2015, 188, 111-116.	0.8	60
8	Perinatal risk factors for neonatal encephalopathy: an unmatched case-control study. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2018, 103, F250-F256.	1.4	51
9	Prevalence of Bloodstream Pathogens Is Higher in Neonatal Encephalopathy Cases vs. Controls Using a Novel Panel of Real-Time PCR Assays. <i>PLoS ONE</i> , 2014, 9, e97259.	1.1	45
10	Acute LPS sensitization and continuous infusion exacerbates hypoxic brain injury in a piglet model of neonatal encephalopathy. <i>Scientific Reports</i> , 2019, 9, 10184.	1.6	36
11	Human Immunodeficiency Virus (HIV)-Antibody Repertoire Estimates Reservoir Size and Time of Antiretroviral Therapy Initiation in Virally Suppressed Perinatally HIV-Infected Children. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2019, 8, 433-438.	0.6	29
12	Raltegravir-intensified initial antiretroviral therapy in advanced HIV disease in Africa: A randomised controlled trial. <i>PLoS Medicine</i> , 2018, 15, e1002706.	3.9	28
13	Environmental viral contamination in a pediatric hospital outpatient waiting area: Implications for infection control. <i>American Journal of Infection Control</i> , 2014, 42, 856-860.	1.1	26
14	Mannose-Binding Lectin in Susceptibility and Progression of HIV-1 Infection in Children. <i>Antiviral Therapy</i> , 2006, 11, 499-505.	0.6	24
15	Virological response and resistance among HIV-infected children receiving long-term antiretroviral therapy without virological monitoring in Uganda and Zimbabwe: Observational analyses within the randomised ARROW trial. <i>PLoS Medicine</i> , 2017, 14, e1002432.	3.9	22
16	Effect of ready-to-use supplementary food on mortality in severely immunocompromised HIV-infected individuals in Africa initiating antiretroviral therapy (REALITY): an open-label, parallel-group, randomised controlled trial. <i>Lancet HIV</i> , 2018, 5, e231-e240.	2.1	22
17	How clean is clean? is a new microbiology standard required?. <i>American Journal of Infection Control</i> , 2014, 42, 1002-1003.	1.1	20
18	Baseline Inflammatory Biomarkers Identify Subgroups of HIV-Infected African Children With Differing Responses to Antiretroviral Therapy. <i>Journal of Infectious Diseases</i> , 2016, 214, 226-236.	1.9	19

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19	Multi-Compartment Profiling of Bacterial and Host Metabolites Identifies Intestinal Dysbiosis and Its Functional Consequences in the Critically Ill Child. <i>Critical Care Medicine</i> , 2019, 47, e727-e734.	0.4	19
20	Permissive versus restrictive temperature thresholds in critically ill children with fever and infection: a multicentre randomized clinical pilot trial. <i>Critical Care</i> , 2019, 23, 69.	2.5	18
21	Cutaneous Vasculitis and Recurrent Infection Caused by Deficiency in Complement Factor I. <i>Frontiers in Immunology</i> , 2018, 9, 735.	2.2	17
22	Microparticles in acute coronary syndrome. <i>Thrombosis Research</i> , 2017, 156, 109-116.	0.8	16
23	Weekends-off efavirenz-based antiretroviral therapy in HIV-infected children, adolescents and young adults (BREATHER): Extended follow-up results of a randomised, open-label, non-inferiority trial. <i>PLoS ONE</i> , 2018, 13, e0196239.	1.1	15
24	Predictive value of cervical cytokine, antimicrobial and microflora levels for pre-term birth in high-risk women. <i>Scientific Reports</i> , 2019, 9, 11246.	1.6	14
25	The important role of sink location in handwashing compliance and microbial sink contamination. <i>American Journal of Infection Control</i> , 2014, 42, 554-555.	1.1	13
26	HIV-Related Arterial Stiffness in Malawian Adults Is Associated With the Proportion of PD-1-Expressing CD8+ T Cells and Reverses With Antiretroviral Therapy. <i>Journal of Infectious Diseases</i> , 2019, 219, 1948-1958.	1.9	13
27	T cell immune discriminants of HIV reservoir size in a pediatric cohort of perinatally infected individuals. <i>PLoS Pathogens</i> , 2021, 17, e1009533.	2.1	13
28	Seasonal variation in the performance of QuantiFERON-TB Gold In-Tube assays used for the diagnosis of tuberculosis infection. <i>Tuberculosis</i> , 2018, 110, 26-29.	0.8	9
29	Hypothermia is not therapeutic in a neonatal piglet model of inflammation-sensitized hypoxia-ischemia. <i>Pediatric Research</i> , 2022, 91, 1416-1427.	1.1	9
30	Size of HIV-1 reservoir is associated with telomere shortening and immunosenescence in early-treated European children with perinatally acquired HIV-1. <i>Journal of the International AIDS Society</i> , 2021, 24, e25847.	1.2	9
31	Calcineurin Inhibitors and Variation in the Performance of Interferon- γ Release Assays Used to Detect Tuberculosis Infection. <i>Annals of the American Thoracic Society</i> , 2019, 16, 771-775.	1.5	7
32	Development and implementation of a cleaning standard algorithm to monitor the efficiency of terminal cleaning in removing adenovirus within a pediatric hematopoietic stem cell transplantation unit. <i>American Journal of Infection Control</i> , 2015, 43, 997-999.	1.1	6
33	Determinants of B-Cell Compartment Hyperactivation in European Adolescents Living With Perinatally Acquired HIV-1 After Over 10 Years of Suppressive Therapy. <i>Frontiers in Immunology</i> , 2022, 13, 860418.	2.2	6
34	Immunohistochemical expression of inflammatory markers in sudden infant death; ancillary tests for identification of infection. <i>Journal of Clinical Pathology</i> , 2014, 67, 1044-1051.	1.0	5
35	Inflammatory Phenotypes Predict Changes in Arterial Stiffness Following Antiretroviral Therapy Initiation. <i>Clinical Infectious Diseases</i> , 2020, 71, 2389-2397.	2.9	5
36	The impact of viraemia on inflammatory biomarkers and CD4+ cell subpopulations in HIV-infected children in sub-Saharan Africa. <i>Aids</i> , 2021, 35, 1537-1548.	1.0	5

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37	Serial blood cytokine and chemokine mRNA and microRNA over 48h are insult specific in a piglet model of inflammation-sensitized hypoxia-ischaemia. <i>Pediatric Research</i> , 2021, 89, 464-475.	1.1	4
38	Elevated serum IL-10 is associated with severity of neonatal encephalopathy and adverse early childhood outcomes. <i>Pediatric Research</i> , 2022, 92, 180-189.	1.1	4
39	Preventing tuberculosis in paediatric kidney transplant recipients: is there a role for BCG immunisation pre-transplantation in low tuberculosis incidence countries?. <i>Pediatric Nephrology</i> , 2020, 36, 3023-3031.	0.9	3
40	Plasticity of the Immune System in Children Following Treatment Interruption in HIV-1 Infection. <i>Frontiers in Immunology</i> , 2021, 12, 643189.	2.2	3
41	Association of DEFB1 polymorphisms and in-vivo protein expression: a population-based, case-control study. <i>Lancet, The</i> , 2014, 383, S59.	6.3	1
42	Early life lung microbiome in preterm infants. , 2018, , .		1
43	Paediatric multisystem inflammatory syndrome temporally associated with SARS-CoV-2: a case report. , 2022, , .		1
44	HIV immunity and infection: a paediatric perspective. <i>Paediatrics and Child Health (United Kingdom)</i> , 2007, 17, 121-125.	0.2	0
45	Is variation in copy number of the human beta defensin gene cluster associated with preterm birth?. <i>Lancet, The</i> , 2015, 385, S47.	6.3	0
46	FRI0001...NEXT GENERATION SEQUENCING ANALYSIS OF AN NLRP3 MUTATION NEGATIVE CAPS COHORT. , 2019, , .		0
47	Control theory helps to resolve the measles paradox. <i>Royal Society Open Science</i> , 2021, 8, 201891.	1.1	0
48	Inflammatory pathways amongst people living with HIV in Malawi differ according to socioeconomic status. <i>PLoS ONE</i> , 2021, 16, e0256576.	1.1	0
49	Pulmonary microbes identified by 16S sequencing of tracheal aspirate samples in two neonatal units in the UK. , 2018, , .		0