Barbara Laughton

List of Publications by Year
in descending order

53	1,282	394421	395702
papers	citations	h-index	g-index

53	53	53	1609
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Neurodevelopment in perinatally HIVâ€infected children: a concern for adolescence. Journal of the International AIDS Society, 2013, 16, 18603.	3.0	159
2	Early antiretroviral therapy improves neurodevelopmental outcomes in infants. Aids, 2012, 26, 1685-1690.	2.2	155
3	No evidence of HIV replication in children on antiretroviral therapy. Journal of Clinical Investigation, 2017, 127, 3827-3834.	8.2	66
4	Neuropsychological performance in African children with HIV enrolled in a multisite antiretroviral clinical trial. Aids, 2018, 32, 189-204.	2.2	57
5	Early Antiretroviral Therapy in South African Children Reduces HIV-1-Infected Cells and Cell-Associated HIV-1 RNA in Blood Mononuclear Cells. Journal of Infectious Diseases, 2015, 212, 39-43.	4.0	53
6	Assessing the performance of different DTI motion correction strategies in the presence of EPI distortion correction. Human Brain Mapping, 2016, 37, 4405-4424.	3.6	45
7	Characteristics of children with pervasive developmental disorders attending a developmental clinic in the Western Cape Province, South Africa. SAJCH South African Journal of Child Health, 2013, 7, 95.	0.2	44
8	NeuroAIDS in Africa. Journal of NeuroVirology, 2010, 16, 189-202.	2.1	42
9	White Matter Signal Abnormalities in Children With Suspected HIV-related Neurologic Disease on Early Combination Antiretroviral Therapy. Pediatric Infectious Disease Journal, 2014, 33, e207-e212.	2.0	42
10	White Matter Abnormalities in Children with HIV Infection and Exposure. Frontiers in Neuroanatomy, 2017, 11, 88.	1.7	38
11	Early Antiretroviral Therapy in HIV-Infected Children Is Associated with Diffuse White Matter Structural Abnormality and Corpus Callosum Sparing. American Journal of Neuroradiology, 2016, 37, 2363-2369.	2.4	36
12	Neurodevelopmental outcome of HIVâ€exposed but uninfected infants in the Mother and Infants Health Study, Cape Town, South Africa. Tropical Medicine and International Health, 2018, 23, 69-78.	2.3	36
13	Five year neurodevelopment outcomes of perinatally <scp>HIV</scp>â€infected children on early limited or deferred continuous antiretroviral therapy. Journal of the International AIDS Society, 2018, 21, e25106.	3.0	32
14	Maternal postpartum depression and infant social withdrawal among human immunodeficiency virus (HIV) positive motherâ€“infant dyads. Psychology, Health and Medicine, 2010, 15, 278-287.	2.4	31
15	Longitudinal increases of brain metabolite levels in 5-10 year old children. PLoS ONE, 2017, 12, e0180973.	2.5	30
16	Maternal post-traumatic stress disorder, depression and alcohol dependence and child behaviour outcomes in motherâ€“child dyads infected with HIV: a longitudinal study. BMJ Open, 2013, 3, e003638.	1.9	28
17	Validity of Neuropsychological Testing in Young African Children Affected by HIV. Journal of Pediatric Infectious Diseases, 2018, 13, 185-201.	0.2	28
18	HIV-associated CD4+/CD8+ depletion in infancy is associated with neurometabolic reductions in the basal ganglia at age 5 years despite early antiretroviral therapy. Aids, 2016, 30, 1353-1362.	2.2	25

#	Article	IF	Citations
19	Altered brain morphometry in 7-year old HIV-infected children on early ART. Metabolic Brain Disease, 2018, 33, 523-535.	2.9	24
20	Rapid decline of HIV-1 DNA and RNA in infants starting very early antiretroviral therapy may pose a diagnostic challenge. Aids, 2018, 32, 629-634.	2.2	23
21	African Multi-Site 2-Year Neuropsychological Study of School-Age Children Perinatally Infected, Exposed, and Unexposed to Human Immunodeficiency Virus. Clinical Infectious Diseases, 2020, 71, e105-e114.	5.8	23
22	<scp>HIV</scp>â€‚<scp>DNA</scp> decay is faster in children who initiate <scp>ART</scp> shortly after birth than later. Journal of the International AIDS Society, 2019, 22, e25368.	3.0	20
23	Spastic diplegia in children with <scp>HIV</scp> encephalopathy: first description of gait and physical status. Developmental Medicine and Child Neurology, 2014, 56, 686-694.	2.1	18
24	Hearing assessment data in HIV-infected and uninfected children of Cape Town, South Africa. AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV, 2015, 27, 1037-1041.	1.2	18
25	Quality of 186 child brain spectra using motion and B0 shim navigated single voxel spectroscopy. Journal of Magnetic Resonance Imaging, 2014, 40, 958-965.	3.4	17
26	Larger Subcortical Gray Matter Structures and Smaller Corpora Callosa at Age 5 Years in HIV Infected Children on Early ART. Frontiers in Neuroanatomy, 2017, 11, 95.	1.7	16
27	Perinatal HIV Infection or Exposure Is Associated With Low N-Acetylaspartate and Glutamate in Basal Ganglia at Age 9 but Not 7 Years. Frontiers in Human Neuroscience, 2018, 12, 145.	2.0	16
28	Motion artifact reduction in pediatric diffusion tensor imaging using fast prospective correction. Journal of Magnetic Resonance Imaging, 2015, 41, 1353-1364.	3.4	15
29	Corpus callosum thickness on mid-sagittal MRI as a marker of brain volume: a pilot study in children with HIV-related brain disease and controls. Pediatric Radiology, 2015, 45, 1016-1025.	2.0	13
30	MRS suggests multi-regional inflammation and white matter axonal damage at 11Âyears following perinatal HIV infection. NeuroImage: Clinical, 2020, 28, 102505.	2.7	13
31	Association between caregiver depression symptoms and child executive functioning. Results from an observational study carried out in four sub-Saharan countries. AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV, 2020, 32, 486-494.	1.2	12
32	Cognitive outcomes at ages seven and nine years in South African children from the children with HIV early antiretroviral (CHER) trial: a longitudinal investigation. Journal of the International AIDS Society, 2021, 24, e25734.	3.0	11
33	Functional Connectivity Alterations between Networks and Associations with Infant Immune Health within Networks in HIV Infected Children on Early Treatment: A Study at 7 Years. Frontiers in Human Neuroscience, 2017, 11, 635.	2.0	10
34	HIV encephalopathy with bilateral lower limb spasticity: upper limb motor function and level of activity and participation. Developmental Medicine and Child Neurology, 2017, 59, 412-419.	2.1	9
35	Building capacity in neurodevelopment assessment of children in sub-Saharan Africa: A quality assurance model to implement standardized neurodevelopment testing. Child Neuropsychology, 2019, 25, 466-481.	1.3	8
36	Diagnostic accuracy of the Molteno Adapted Scale for developmental delay in South African toddlers. Paediatrics and International Child Health, 2019, 39, 132-138.	1.0	8

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37	Recovery of HIV encephalopathy in perinatally infected children on antiretroviral therapy. Developmental Medicine and Child Neurology, 2020, 62, 1309-1316.	2.1	8
38	Correlating brain volume and callosal thickness with clinical and laboratory indicators of disease severity in children with HIV-related brain disease. Child's Nervous System, 2014, 30, 1549-1557.	1.1	6
39	<scp>HIV</scp> encephalopathy with bilateral lower limb spasticity: gross motor function and antiretroviral therapy. Developmental Medicine and Child Neurology, 2017, 59, 407-411.	2.1	6
40	Viral suppression is associated with HIV-antibody level and HIV-1 DNA detectability in early treated children at 2â€Šyears of age. Aids, 2021, 35, 1247-1252.	2.2	6
41	Neurodevelopment at 11 months after starting antiretroviral therapy within 3 weeks of life. Southern African Journal of HIV Medicine, 2019, 20, 1008.	0.9	6
42	Value of the Goodenough Drawing Test as a research tool to detect developmental delay in South African preschool children. South African Journal of Psychology, 2020, 50, 81-91.	2.0	4
43	Cortical structural changes related to early antiretroviral therapy (ART) interruption in perinatally HIV-infected children at 5 years of age. IBRO Neuroscience Reports, 2021, 10, 161-170.	1.6	4
44	Multivariate approach for longitudinal analysis of brain metabolite levels from ages 5-11 years in children with perinatal HIV infection. NeuroImage, 2021, 237, 118101.	4.2	4
45	Altered White Matter Tracts in the Somatosensory, Salience, Motor, and Default Mode Networks in 7-Year-Old Children Living with Human Immunodeficiency Virus: A Tractographic Analysis. Brain Connectivity, 2022, 12, 302-319.	1.7	4
46	Late-Onset Hiv Encephalopathy In Children With Long-Standing Virologic Suppression Followed By Slow Spontaneous Recovery Despite no Change In Antiretroviral Therapy. Pediatric Infectious Disease Journal, 2017, 36, e264-e267.	2.0	3
47	Diffusion tensor imaging point to ongoing functional impairment in HIV-infected children at age 5, undetectable using standard neurodevelopmental assessments. AIDS Research and Therapy, 2020, 17, 20.	1.7	3
48	Management of mental health disorders and central nervous system sequelae in HIV-positive children and adolescents. Southern African Journal of HIV Medicine, 2014, 15, 81.	0.9	2
49	Childhood lung function following perinatal HIV infection and early antiretroviral therapy initiation; a cross-sectional study. ERJ Open Research, 2022, 8, 00691-2021.	2.6	2
50	Favourable outcome in a child with symptomatic diagnosis of Glutaric aciduria type 1 despite vertical HIV infection and minor head trauma. Metabolic Brain Disease, 2018, 33, 537-544.	2.9	1
51	Biological Psychiatry Congress 2015. South African Journal of Psychiatry, 2015, 21, 108.	0.4	1
52	Multimodal magnetic resonance neuroimaging measures characteristic of early <scp>cART</scp>â€treated pediatric <scp>HIV</scp>: A feature selection approach. Human Brain Mapping, 2022, 43, 4128-4144.	3.6	1
53	Should efavirenz be used in children and, if so, how?. Lancet HIV,the, 2019, 6, e210-e211.	4.7	0