

Barbara Laughton

List of Publications by Year in descending order

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53
papers

1,282
citations

394421

19
h-index

395702

33
g-index

53
all docs

53
docs citations

53
times ranked

1609
citing authors

#	ARTICLE	IF	CITATIONS
1	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. <i>Brain Connectivity</i> , 2022, 12, 302-319.	1.7	4
2	Childhood lung function following perinatal HIV infection and early antiretroviral therapy initiation; a cross-sectional study. <i>ERJ Open Research</i> , 2022, 8, 00691-2021.	2.6	2
3	Multimodal magnetic resonance neuroimaging measures characteristic of early <sc>cART</sc>-treated pediatric <sc>HIV</sc>: A feature selection approach. <i>Human Brain Mapping</i> , 2022, 43, 4128-4144.	3.6	1
4	Viral suppression is associated with HIV-antibody level and HIV-1 DNA detectability in early treated children at 2-5 years of age. <i>Aids</i> , 2021, 35, 1247-1252.	2.2	6
5	Cortical structural changes related to early antiretroviral therapy (ART) interruption in perinatally HIV-infected children at 5 years of age. <i>IBRO Neuroscience Reports</i> , 2021, 10, 161-170.	1.6	4
6	Cognitive outcomes at ages seven and nine years in South African children from the children with HIV early antiretroviral (CHER) trial: a longitudinal investigation. <i>Journal of the International AIDS Society</i> , 2021, 24, e25734.	3.0	11
7	Multivariate approach for longitudinal analysis of brain metabolite levels from ages 5-11 years in children with perinatal HIV infection. <i>NeuroImage</i> , 2021, 237, 118101.	4.2	4
8	Value of the Goodenough Drawing Test as a research tool to detect developmental delay in South African preschool children. <i>South African Journal of Psychology</i> , 2020, 50, 81-91.	2.0	4
9	Association between caregiver depression symptoms and child executive functioning. Results from an observational study carried out in four sub-Saharan countries. <i>AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV</i> , 2020, 32, 486-494.	1.2	12
10	African Multi-Site 2-Year Neuropsychological Study of School-Age Children Perinatally Infected, Exposed, and Unexposed to Human Immunodeficiency Virus. <i>Clinical Infectious Diseases</i> , 2020, 71, e105-e114.	5.8	23
11	Recovery of HIV encephalopathy in perinatally infected children on antiretroviral therapy. <i>Developmental Medicine and Child Neurology</i> , 2020, 62, 1309-1316.	2.1	8
12	MRS suggests multi-regional inflammation and white matter axonal damage at 11 years following perinatal HIV infection. <i>NeuroImage: Clinical</i> , 2020, 28, 102505.	2.7	13
13	Diffusion tensor imaging point to ongoing functional impairment in HIV-infected children at age 5, undetectable using standard neurodevelopmental assessments. <i>AIDS Research and Therapy</i> , 2020, 17, 20.	1.7	3
14	Building capacity in neurodevelopment assessment of children in sub-Saharan Africa: A quality assurance model to implement standardized neurodevelopment testing. <i>Child Neuropsychology</i> , 2019, 25, 466-481.	1.3	8
15	<sc>HIV</sc>-1 <sc>DNA</sc> decay is faster in children who initiate <sc>ART</sc> shortly after birth than later. <i>Journal of the International AIDS Society</i> , 2019, 22, e25368.	3.0	20
16	Should efavirenz be used in children and, if so, how?. <i>Lancet HIV</i> , 2019, 6, e210-e211.	4.7	0
17	Diagnostic accuracy of the Molteno Adapted Scale for developmental delay in South African toddlers. <i>Paediatrics and International Child Health</i> , 2019, 39, 132-138.	1.0	8
18	Neurodevelopment at 11 months after starting antiretroviral therapy within 3 weeks of life. <i>Southern African Journal of HIV Medicine</i> , 2019, 20, 1008.	0.9	6

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19	Altered brain morphometry in 7-year old HIV-infected children on early ART. <i>Metabolic Brain Disease</i> , 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. <i>Aids</i> , 2018, 32, 629-634.	2.2	23
21	Favourable outcome in a child with symptomatic diagnosis of Glutaric aciduria type 1 despite vertical HIV infection and minor head trauma. <i>Metabolic Brain Disease</i> , 2018, 33, 537-544.	2.9	1
22	Five year neurodevelopment outcomes of perinatally HIV-infected children on early limited or deferred continuous antiretroviral therapy. <i>Journal of the International AIDS Society</i> , 2018, 21, e25106.	3.0	32
23	Neurodevelopmental outcome of HIV-exposed but uninfected infants in the Mother and Infants Health Study, Cape Town, South Africa. <i>Tropical Medicine and International Health</i> , 2018, 23, 69-78.	2.3	36
24	Validity of Neuropsychological Testing in Young African Children Affected by HIV. <i>Journal of Pediatric Infectious Diseases</i> , 2018, 13, 185-201.	0.2	28
25	Perinatal HIV Infection or Exposure Is Associated With Low N-Acetylaspartate and Glutamate in Basal Ganglia at Age 9 but Not 7 Years. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 145.	2.0	16
26	Neuropsychological performance in African children with HIV enrolled in a multisite antiretroviral clinical trial. <i>Aids</i> , 2018, 32, 189-204.	2.2	57
27	HIV encephalopathy with bilateral lower limb spasticity: gross motor function and antiretroviral therapy. <i>Developmental Medicine and Child Neurology</i> , 2017, 59, 407-411.	2.1	6
28	Late-Onset HIV Encephalopathy In Children With Long-Standing Virologic Suppression Followed By Slow Spontaneous Recovery Despite no Change In Antiretroviral Therapy. <i>Pediatric Infectious Disease Journal</i> , 2017, 36, e264-e267.	2.0	3
29	HIV encephalopathy with bilateral lower limb spasticity: upper limb motor function and level of activity and participation. <i>Developmental Medicine and Child Neurology</i> , 2017, 59, 412-419.	2.1	9
30	White Matter Abnormalities in Children with HIV Infection and Exposure. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 88.	1.7	38
31	Larger Subcortical Gray Matter Structures and Smaller Corpora Callosa at Age 5 Years in HIV Infected Children on Early ART. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 95.	1.7	16
32	Longitudinal increases of brain metabolite levels in 5-10 year old children. <i>PLoS ONE</i> , 2017, 12, e0180973.	2.5	30
33	No evidence of HIV replication in children on antiretroviral therapy. <i>Journal of Clinical Investigation</i> , 2017, 127, 3827-3834.	8.2	66
34	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. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 635.	2.0	10
35	HIV-associated CD4+/CD8+ depletion in infancy is associated with neurometabolic reductions in the basal ganglia at age 5 years despite early antiretroviral therapy. <i>Aids</i> , 2016, 30, 1353-1362.	2.2	25
36	Early Antiretroviral Therapy in HIV-Infected Children Is Associated with Diffuse White Matter Structural Abnormality and Corpus Callosum Sparing. <i>American Journal of Neuroradiology</i> , 2016, 37, 2363-2369.	2.4	36

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37	Assessing the performance of different DTI motion correction strategies in the presence of EPI distortion correction. <i>Human Brain Mapping</i> , 2016, 37, 4405-4424.	3.6	45
38	Motion artifact reduction in pediatric diffusion tensor imaging using fast prospective correction. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 1353-1364.	3.4	15
39	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. <i>Pediatric Radiology</i> , 2015, 45, 1016-1025.	2.0	13
40	Hearing assessment data in HIV-infected and uninfected children of Cape Town, South Africa. <i>AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV</i> , 2015, 27, 1037-1041.	1.2	18
41	Early Antiretroviral Therapy in South African Children Reduces HIV-1-Infected Cells and Cell-Associated HIV-1 RNA in Blood Mononuclear Cells. <i>Journal of Infectious Diseases</i> , 2015, 212, 39-43.	4.0	53
42	Biological Psychiatry Congress 2015. <i>South African Journal of Psychiatry</i> , 2015, 21, 108.	0.4	1
43	Spastic diplegia in children with HIV encephalopathy: first description of gait and physical status. <i>Developmental Medicine and Child Neurology</i> , 2014, 56, 686-694.	2.1	18
44	Quality of 186 child brain spectra using motion and B0 shim navigated single voxel spectroscopy. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, 958-965.	3.4	17
45	White Matter Signal Abnormalities in Children With Suspected HIV-related Neurologic Disease on Early Combination Antiretroviral Therapy. <i>Pediatric Infectious Disease Journal</i> , 2014, 33, e207-e212.	2.0	42
46	Correlating brain volume and callosal thickness with clinical and laboratory indicators of disease severity in children with HIV-related brain disease. <i>Child's Nervous System</i> , 2014, 30, 1549-1557.	1.1	6
47	Management of mental health disorders and central nervous system sequelae in HIV-positive children and adolescents. <i>Southern African Journal of HIV Medicine</i> , 2014, 15, 81.	0.9	2
48	Neurodevelopment in perinatally HIV-infected children: a concern for adolescence. <i>Journal of the International AIDS Society</i> , 2013, 16, 18603.	3.0	159
49	Characteristics of children with pervasive developmental disorders attending a developmental clinic in the Western Cape Province, South Africa. <i>SAJCH South African Journal of Child Health</i> , 2013, 7, 95.	0.2	44
50	Maternal post-traumatic stress disorder, depression and alcohol dependence and child behaviour outcomes in mother-child dyads infected with HIV: a longitudinal study. <i>BMJ Open</i> , 2013, 3, e003638.	1.9	28
51	Early antiretroviral therapy improves neurodevelopmental outcomes in infants. <i>Aids</i> , 2012, 26, 1685-1690.	2.2	155
52	NeuroAIDS in Africa. <i>Journal of NeuroVirology</i> , 2010, 16, 189-202.	2.1	42
53	Maternal postpartum depression and infant social withdrawal among human immunodeficiency virus (HIV) positive mother-infant dyads. <i>Psychology, Health and Medicine</i> , 2010, 15, 278-287.	2.4	31