

# Fenella Jane Kirkham

## List of Publications by Year in descending order

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365  
papers

16,518  
citations

14655

66  
h-index

20358

116  
g-index

384  
all docs

384  
docs citations

384  
times ranked

9666  
citing authors

#	ARTICLE	IF	CITATIONS
1	Management of Stroke in Infants and Children. <i>Stroke</i> , 2008, 39, 2644-2691.	2.0	912
2	Antithrombotic Therapy in Neonates and Children. <i>Chest</i> , 2008, 133, 887S-968S.	0.8	602
3	Cerebral venous sinus thrombosis in children: risk factors, presentation, diagnosis and outcome. <i>Brain</i> , 2005, 128, 477-489.	7.6	432
4	Investigation of risk factors in children with arterial ischemic stroke. <i>Annals of Neurology</i> , 2003, 53, 167-173.	5.3	430
5	Controlled Trial of Transfusions for Silent Cerebral Infarcts in Sickie Cell Anemia. <i>New England Journal of Medicine</i> , 2014, 371, 699-710.	27.0	421
6	Impact of Thrombophilia on Risk of Arterial Ischemic Stroke or Cerebral Sinovenous Thrombosis in Neonates and Children. <i>Circulation</i> , 2010, 121, 1838-1847.	1.6	383
7	Clinical outcomes in children with sickle cell disease living in England: a neonatal cohort in East London. <i>Haematologica</i> , 2007, 92, 905-912.	3.5	315
8	Childhood arterial ischaemic stroke incidence, presenting features, and risk factors: a prospective population-based study. <i>Lancet Neurology</i> , The, 2014, 13, 35-43.	10.2	291
9	Silent cerebral infarcts: a review on a prevalent and progressive cause of neurologic injury in sickle cell anemia. <i>Blood</i> , 2012, 119, 4587-4596.	1.4	262
10	Choline acetyltransferase mutations cause myasthenic syndrome associated with episodic apnea in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 2017-2022.	7.1	254
11	Transcranial measurement of blood velocities in the basal cerebral arteries using pulsed Doppler ultrasound: Velocity as an index of flow. <i>Ultrasound in Medicine and Biology</i> , 1986, 12, 15-21.	1.5	248
12	Outcome after ischaemic stroke in childhood. <i>Developmental Medicine and Child Neurology</i> , 2000, 42, 455-461.	2.1	243
13	Mortality in Sickie Cell Anemia in Africa: A Prospective Cohort Study in Tanzania. <i>PLoS ONE</i> , 2011, 6, e14699.	2.5	242
14	Nocturnal hypoxaemia and central-nervous-system events in sickle-cell disease. <i>Lancet</i> , The, 2001, 357, 1656-1659.	13.7	226
15	Seizures and raised intracranial pressure in Vietnamese patients with Japanese encephalitis. <i>Brain</i> , 2002, 125, 1084-1093.	7.6	225
16	Silent cerebral infarcts occur despite regular blood transfusion therapy after first strokes in children with sickle cell disease. <i>Blood</i> , 2011, 117, 772-779.	1.4	225
17	The course and outcome of unilateral intracranial arteriopathy in 79 children with ischaemic stroke. <i>Brain</i> , 2008, 132, 544-557.	7.6	217
18	American Society of Hematology 2020 guidelines for sickle cell disease: prevention, diagnosis, and treatment of cerebrovascular disease in children and adults. <i>Blood Advances</i> , 2020, 4, 1554-1588.	5.2	206

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19	Intracranial pressure in African children with cerebral malaria. Lancet, The, 1991, 337, 573-576.	13.7	200
20	Central nervous system complications and management in sickle cell disease. Blood, 2016, 127, 829-838.	1.4	194
21	Intracranial hypertension in Africans with cerebral malaria. Archives of Disease in Childhood, 1997, 76, 219-226.	1.9	192
22	Risk factors for recurrent venous thromboembolism in the European collaborative paediatric database on cerebral venous thrombosis: a multicentre cohort study. Lancet Neurology, The, 2007, 6, 595-603.	10.2	184
23	Associated risk factors for silent cerebral infarcts in sickle cell anemia: low baseline hemoglobin, sex, and relative high systolic blood pressure. Blood, 2012, 119, 3684-3690.	1.4	180
24	Use of alteplase in childhood arterial ischaemic stroke: a multicentre, observational, cohort study. Lancet Neurology, The, 2009, 8, 530-536.	10.2	173
25	Cerebral Venous Sinus (Sinovenous) Thrombosis in Children. Neurosurgery Clinics of North America, 2010, 21, 511-527.	1.7	166
26	Clinical and Radiological Recurrence After Childhood Arterial Ischemic Stroke. Circulation, 2006, 114, 2170-2177.	1.6	159
27	Brain swelling and ischaemia in Kenyans with cerebral malaria.. Archives of Disease in Childhood, 1994, 70, 281-287.	1.9	148
28	Nocturnal oxygen saturation and painful sickle cell crises in children. Blood, 2003, 101, 846-848.	1.4	144
29	Seizures and status epilepticus in childhood cerebral malaria. QJM - Monthly Journal of the Association of Physicians, 1996, 89, 591-598.	0.5	137
30	Maturation of action monitoring from adolescence to adulthood: an ERP study. Developmental Science, 2005, 8, 525-534.	2.4	130
31	Risk Factors for Arterial Ischemic Stroke in Children. Journal of Child Neurology, 2000, 15, 299-307.	1.4	123
32	Obstructive Sleep Apnea and Sickle Cell Anemia. Pediatrics, 2014, 134, 273-281.	2.1	116
33	MR Perfusion Imaging in Moyamoya Syndrome. Stroke, 2001, 32, 2810-2816.	2.0	115
34	Posterior circulation stroke in childhood. Neurology, 2002, 59, 1552-1556.	1.1	115
35	Vigabatrin with hormonal treatment versus hormonal treatment alone (ICISS) for infantile spasms: 18-month outcomes of an open-label, randomised controlled trial. The Lancet Child and Adolescent Health, 2018, 2, 715-725.	5.6	114
36	Increased Cerebral Blood Flow Velocity in Children With Mild Sleep-Disordered Breathing: A Possible Association With Abnormal Neuropsychological Function. Pediatrics, 2006, 118, e1100-e1108.	2.1	109

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37	Magnetic Resonance Spectroscopy Shows Increased Brain Glutamine in Ornithine Carbamoyl Transferase Deficiency. <i>Pediatric Research</i> , 1993, 33, 77-81.	2.3	108
38	Functional Outcome Following Stroke in Children. <i>Journal of Child Neurology</i> , 2002, 17, 429-434.	1.4	107
39	Clinical features, course, and outcomes of a UK cohort of pediatric moyamoya. <i>Neurology</i> , 2018, 90, e763-e770.	1.1	102
40	Seizures in 204 comatose children: incidence and outcome. <i>Intensive Care Medicine</i> , 2012, 38, 853-862.	8.2	100
41	Stroke in childhood. <i>Archives of Disease in Childhood</i> , 1999, 81, 85-89.	1.9	96
42	Transcranial measurement of blood velocities in the basal cerebral arteries using pulsed Doppler ultrasound: A method of assessing the circle of willis. <i>Ultrasound in Medicine and Biology</i> , 1986, 12, 5-14.	1.5	93
43	Platelet and leucocyte activation in childhood sickle cell disease: association with nocturnal hypoxaemia. <i>British Journal of Haematology</i> , 2000, 111, 474-481.	2.5	93
44	Diagnostic delays in paediatric stroke. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015, 86, 917-921.	1.9	92
45	Paediatric coma scales. <i>Developmental Medicine and Child Neurology</i> , 2008, 50, 267-274.	2.1	90
46	H magnetic resonance spectroscopy in the investigation of intractable epilepsy. <i>Acta Neurologica Scandinavica</i> , 1994, 89, 116-121.	2.1	89
47	Non-traumatic coma in children. <i>Archives of Disease in Childhood</i> , 2001, 85, 303-312.	1.9	88
48	Cognitive deficits associated with frontal lobe infarction in children with sickle cell disease. <i>Developmental Medicine and Child Neurology</i> , 1998, 40, 536-543.	2.1	88
49	Lesion volume, lesion location, and outcome after middle cerebral artery territory stroke. <i>Archives of Disease in Childhood</i> , 1999, 81, 295-300.	1.9	87
50	Perturbations of cerebral hemodynamics in Kenyans with cerebral malaria. <i>Pediatric Neurology</i> , 1996, 15, 41-49.	2.1	85
51	Age-related differences in intracranial pressure and cerebral perfusion pressure in the first 6½ hours of monitoring after children's head injury: association with outcome. <i>Child's Nervous System</i> , 2005, 21, 195-199.	1.1	84
52	Left ventricular hypertrophy and diastolic dysfunction in children with sickle cell disease are related to asleep and waking oxygen desaturation. <i>Blood</i> , 2010, 116, 16-21.	1.4	84
53	Perfusion magnetic resonance abnormalities in patients with sickle cell disease. <i>Annals of Neurology</i> , 2001, 49, 477-485.	5.3	83
54	Recognition and Prevention of Neurological Complications in Pediatric Cardiac Surgery. <i>Pediatric Cardiology</i> , 1998, 19, 331-345.	1.3	81

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55	Airway Hyperresponsiveness in Children With Sickle Cell Anemia. Chest, 2011, 139, 563-568.	0.8	81
56	Physiological correlates of intellectual function in children with sickle cell disease: hypoxaemia, hyperaemia and brain infarction. Developmental Science, 2006, 9, 379-387.	2.4	80
57	Impact of frontal white matter lesions on performance monitoring: ERP evidence for cortical disconnection. Brain, 2006, 129, 2177-2188.	7.6	78
58	Mechanisms of ischaemic stroke after chickenpox. Archives of Disease in Childhood, 1997, 76, 522-525.	1.9	76
59	Very good inter-rater reliability of Engel and ILAE epilepsy surgery outcome classifications in a series of 76 patients. Seizure: the Journal of the British Epilepsy Association, 2011, 20, 809-812.	2.0	73
60	International Paediatric Stroke Study: Stroke Associated with Cardiac Disorders. International Journal of Stroke, 2013, 8, 39-44.	5.9	73
61	Incidence of neurological complications of surgery for congenital heart disease.. Archives of Disease in Childhood, 1995, 72, 418-422.	1.9	72
62	Paediatric cerebral sinovenous thrombosis: findings of the International Paediatric Stroke Study. Archives of Disease in Childhood, 2015, 100, 174-179.	1.9	72
63	Detecting white matter injury in sickle cell disease using voxel-based morphometry. Annals of Neurology, 2006, 59, 662-672.	5.3	71
64	Estimation of cerebral blood flow with near infrared spectroscopy and indocyanine green. Lancet, The, 1993, 342, 1425.	13.7	70
65	Silent cerebral infarction, income, and grade retention among students with sickle cell anemia. American Journal of Hematology, 2014, 89, E188-92.	4.1	70
66	Homozygous thermolabile variant of the methylenetetrahydrofolate reductase gene: a potential risk factor for hyperhomocysteinaemia, CVD, and stroke in childhood. Developmental Medicine and Child Neurology, 2001, 43, 220.	2.1	70
67	Hypertension Impairs Vascular Reactivity in the Pediatric Brain. Stroke, 2011, 42, 1834-1838.	2.0	69
68	Transcranial pulsed Doppler ultrasound findings in brain stem death.. Journal of Neurology, Neurosurgery and Psychiatry, 1987, 50, 1504-1513.	1.9	68
69	Intelligence After Stroke in Childhood: Review of the Literature and Suggestions for Future Research. Journal of Child Neurology, 2000, 15, 325-332.	1.4	67
70	Conventional cerebral angiography in children with ischemic stroke. Pediatric Neurology, 1999, 20, 38-42.	2.1	66
71	Stroke in children with sickle cell disease. Current Treatment Options in Neurology, 2004, 6, 357-375.	1.8	65
72	Endoscopic third ventriculostomy in the treatment of childhood hydrocephalus: validation of a success score that predicts long-term outcome. Journal of Neurosurgery: Pediatrics, 2011, 8, 489-493.	1.3	65

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73	Intelligence quotient in paediatric sickle cell disease: a systematic review and meta-analysis. <i>Developmental Medicine and Child Neurology</i> , 2016, 58, 672-679.	2.1	64
74	Arterial Spin Labeling Characterization of Cerebral Perfusion during Normal Maturation from Late Childhood into Adulthood: Normal "Reference Range" Values and Their Use in Clinical Studies. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 776-784.	4.3	61
75	Early detection of abnormalities in partial epilepsy using magnetic resonance.. <i>Archives of Disease in Childhood</i> , 1993, 69, 104-109.	1.9	60
76	Diagnostic pitfalls in paediatric ischaemic stroke. <i>Developmental Medicine and Child Neurology</i> , 2006, 48, 985.	2.1	60
77	Electroencephalographic and clinical features of cerebral malaria. <i>Archives of Disease in Childhood</i> , 2001, 84, 247-253.	1.9	59
78	Outcome following decompressive craniectomy for malignant middle cerebral artery infarction in children. <i>Developmental Medicine and Child Neurology</i> , 2011, 53, 29-33.	2.1	59
79	Nocturnal Oxygen Desaturation and Disordered Sleep as a Potential Factor in Executive Dysfunction in Sickle Cell Anemia. <i>Journal of the International Neuropsychological Society</i> , 2012, 18, 168-173.	1.8	59
80	Cerebrovascular disease and stroke. <i>Archives of Disease in Childhood</i> , 2008, 93, 890-898.	1.9	58
81	Auto-adjusting positive airway pressure in children with sickle cell anemia: results of a phase I randomized controlled trial. <i>Haematologica</i> , 2009, 94, 1006-1010.	3.5	57
82	Acute Silent Cerebral Ischemic Events in Children With Sickle Cell Anemia. <i>JAMA Neurology</i> , 2013, 70, 58.	9.0	57
83	White matter integrity and processing speed in sickle cell anemia. <i>Neurology</i> , 2018, 90, e2042-e2050.	1.1	56
84	Increased anticardiolipin antibody IgG titers do not predict recurrent stroke or TIA in children. <i>Neurology</i> , 2004, 62, 194-200.	1.1	55
85	Breath-Hold Blood Oxygen Level-Dependent MRI: A Tool for the Assessment of Cerebrovascular Reserve in Children with Moyamoya Disease. <i>American Journal of Neuroradiology</i> , 2018, 39, 1717-1723.	2.4	55
86	Sickle cell disease: Ischemia and seizures. <i>Annals of Neurology</i> , 2005, 58, 290-302.	5.3	54
87	Successful treatment of two paediatric cases of anti-NMDA receptor encephalitis with Cyclophosphamide: The need for early aggressive immunotherapy in tumour negative paediatric patients. <i>European Journal of Paediatric Neurology</i> , 2012, 16, 74-78.	1.6	54
88	Arterial Ischemic Stroke in Neonates, Infants, and Children: An Overview of Underlying Conditions, Imaging Methods, and Treatment Modalities. <i>Seminars in Thrombosis and Hemostasis</i> , 2003, 29, 405-414.	2.7	53
89	Movement disorder emergencies in childhood. <i>European Journal of Paediatric Neurology</i> , 2011, 15, 390-404.	1.6	53
90	The effects of hypertension on the paediatric brain: a justifiable concern. <i>Lancet Neurology</i> , The, 2010, 9, 933-940.	10.2	52

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91	Feasibility trial for primary stroke prevention in children with sickle cell anemia in Nigeria (SPIN) Tj ETQq1 1 0.784314.rgBT /Overlock 10	4.1	52
92	An exploratory study of physiological correlates of neurodevelopmental delay in infants with sickle cell anaemia. British Journal of Haematology, 2006, 132, 99-107.	2.5	51
93	Therapy Insight: stroke risk and its management in patients with sickle cell disease. Nature Clinical Practice Neurology, 2007, 3, 264-278.	2.5	51
94	Outcome and recurrence 1 year after pediatric arterial ischemic stroke in a population-based cohort. Annals of Neurology, 2016, 79, 784-793.	5.3	51
95	End points for sickle cell disease clinical trials: patient-reported outcomes, pain, and the brain. Blood Advances, 2019, 3, 3982-4001.	5.2	51
96	Guidelines for the treatment and prevention of stroke in children. Lancet Neurology, The, 2008, 7, 983-985.	10.2	49
97	White Matter Damage Relates to Oxygen Saturation in Children With Sickle Cell Anemia Without Silent Cerebral Infarcts. Stroke, 2015, 46, 1793-1799.	2.0	49
98	Arterial ischaemic stroke in children. Thrombosis and Haemostasis, 2004, 92, 697-706.	3.4	48
99	Role of reduced ADAMTS13 in arterial ischemic stroke: A Pediatric Cohort Study. Annals of Neurology, 2013, 73, 58-64.	5.3	48
100	Factors predicting future ACS episodes in children with sickle cell anemia. American Journal of Hematology, 2014, 89, E212-7.	4.1	48
101	Noonan syndrome and moyamoya. Pediatric Neurology, 1997, 16, 256-258.	2.1	47
102	Haptoglobin, alpha-thalassaemia and glucose-6-phosphate dehydrogenase polymorphisms and risk of abnormal transcranial Doppler among patients with sickle cell anaemia in Tanzania. British Journal of Haematology, 2014, 165, 699-706.	2.5	47
103	Cerebral hemodynamics during cardiopulmonary bypass in children using near-infrared spectroscopy. Annals of Thoracic Surgery, 1993, 56, 1473-1477.	1.3	46
104	The tympanic membrane displacement analyser for monitoring intracranial pressure in children. Child's Nervous System, 2013, 29, 927-933.	1.1	46
105	Measurement of cerebral blood flow during cardiopulmonary bypass with near-infrared spectroscopy. Journal of Thoracic and Cardiovascular Surgery, 1998, 115, 94-102.	0.8	45
106	A general model to calculate the spin-lattice ( $T_1$ ) relaxation time of blood, accounting for haematocrit, oxygen saturation and magnetic field strength. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 370-374.	4.3	45
107	Diffusion and Perfusion Magnetic Resonance Imaging in Childhood Stroke. Journal of Child Neurology, 2000, 15, 279-283.	1.4	44
108	Trials in Sickle Cell Disease. Pediatric Neurology, 2006, 34, 450-458.	2.1	44

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109	Cerebral Blood Flow Velocity and Cognition in Children Before and After Adenotonsillectomy. Pediatrics, 2008, 122, 75-82.	2.1	44
110	Wheezing Symptoms and Parental Asthma Are Associated with a Physician Diagnosis of Asthma in Children with Sickle Cell Anemia. Journal of Pediatrics, 2014, 164, 821-826.e1.	1.8	44
111	Intellectual decline in children with moyamoya and sickle cell anaemia. Developmental Medicine and Child Neurology, 2005, 47, 824.	2.1	44
112	Idiopathic "Benign" Intracranial Hypertension: Case Series and Review. Journal of Child Neurology, 2001, 16, 465-470.	1.4	43
113	Continuous EEG monitoring in Kenyan children with non-traumatic coma. Archives of Disease in Childhood, 2012, 97, 343-349.	1.9	43
114	Sickle Cell Disease and Stroke. Pediatric Neurology, 2019, 95, 34-41.	2.1	42
115	Hydroxyurea for primary stroke prevention in children with sickle cell anaemia in Nigeria (SPRING): a double-blind, multicentre, randomised, phase 3 trial. Lancet Haematology, 2022, 9, e26-e37.	4.6	41
116	Cervical carotid artery disease in sickle cell anemia: clinical and radiological features. Blood, 2011, 118, 6192-6199.	1.4	40
117	Neurophysiological evidence for cognitive and brain functional adaptation in adolescents living at high altitude. Clinical Neurophysiology, 2011, 122, 1726-1734.	1.5	39
118	Subcortical and cerebellar volumetric deficits in paediatric sickle cell anaemia. British Journal of Haematology, 2013, 163, 373-376.	2.5	39
119	Risk factors for high cerebral blood flow velocity and death in Kenyan children with Sickle Cell Anaemia: role of haemoglobin oxygen saturation and febrile illness. British Journal of Haematology, 2009, 145, 529-532.	2.5	38
120	Development of aptitude at altitude. Developmental Science, 2010, 13, 533-544.	2.4	38
121	Predicting outcome after childhood brain injury: Figure 1:. Cmaj, 2012, 184, 1257-1264.	2.0	38
122	The relation between pump flow rate and pulsatility on cerebral hemodynamics during pediatric cardiopulmonary bypass. Journal of Thoracic and Cardiovascular Surgery, 1997, 114, 568-577.	0.8	37
123	Celiac disease and childhood stroke. Pediatric Neurology, 2004, 31, 139-142.	2.1	37
124	Pituitary Function at Long-Term Follow-Up of Childhood Traumatic Brain Injury. Journal of Neurotrauma, 2010, 27, 1827-1835.	3.4	37
125	Hypoxic adaptation during development: relation to pattern of neurological presentation and cognitive disability. Developmental Science, 2006, 9, 411-427.	2.4	36
126	Enuresis Associated with Sleep Disordered Breathing in Children with Sickle Cell Anemia. Journal of Urology, 2012, 188, 1572-1577.	0.4	35



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127	Primary stroke prevention in Nigerian children with sickle cell disease (SPIN): Challenges of conducting a feasibility trial. <i>Pediatric Blood and Cancer</i> , 2015, 62, 395-401.	1.5	35
128	Moderate fixed-dose hydroxyurea for primary prevention of strokes in Nigerian children with sickle cell disease: Final results of the <scp>SPIN</scp> trial. <i>American Journal of Hematology</i> , 2020, 95, E247-E250.	4.1	35
129	Cerebrovascular Pathophysiology in Pediatric Traumatic Brain Injury. <i>Journal of Trauma</i> , 2009, 67, S128-S134.	2.3	34
130	Pattern of Lung Function Is Not Associated with Prior or Future Morbidity in Children with Sickle Cell Anemia. <i>Annals of the American Thoracic Society</i> , 2016, 13, 1314-1323.	3.2	34
131	Risk factors for arterial ischemic stroke in childhood. <i>CNS Spectrums</i> , 2004, 9, 451-64.	1.2	34
132	Sturge-Weber syndrome: cerebral haemodynamics during seizure activity. <i>Developmental Medicine and Child Neurology</i> , 1999, 41, 480-485.	2.1	33
133	Central nervous system abnormalities in asymptomatic young patients with S $\beta$ -thalassemia. <i>Annals of Neurology</i> , 2004, 55, 835-839.	5.3	32
134	Increased prevalence of potential right-to-left shunting in children with sickle cell anaemia and stroke. <i>British Journal of Haematology</i> , 2017, 176, 300-308.	2.5	31
135	A ten year review of the sickle cell program in Muhimbili National Hospital, Tanzania. <i>BMC Hematology</i> , 2018, 18, 33.	2.6	31
136	Iron Deficiency and Acute Seizures: Results from Children Living in Rural Kenya and a Meta-Analysis. <i>PLoS ONE</i> , 2010, 5, e14001.	2.5	30
137	Headache and Migraine in Children with Sickle Cell Disease Are Associated with Lower Hemoglobin and Higher Pain Event Rates But Not Silent Cerebral Infarction. <i>Journal of Pediatrics</i> , 2014, 164, 1175-1180.e1.	1.8	30
138	Stroke and Hypertension in Children and Adolescents. <i>Journal of Child Neurology</i> , 2017, 32, 408-417.	1.4	30
139	Vascular Instability and Neurological Morbidity in Sickle Cell Disease: An Integrative Framework. <i>Frontiers in Neurology</i> , 2019, 10, 871.	2.4	30
140	Epidemiology of Stroke in Sickle Cell Disease. <i>Journal of Clinical Medicine</i> , 2021, 10, 4232.	2.4	30
141	Idiopathic "Benign" Intracranial Hypertension: Case Series and Review. <i>Journal of Child Neurology</i> , 2001, 16, 465.	1.4	30
142	Anatomical validation of middle cerebral artery position as identified by transcranial pulsed Doppler ultrasound.. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1986, 49, 1025-1029.	1.9	29
143	Interpretation of pediatric lung function: Impact of ethnicity. <i>Pediatric Pulmonology</i> , 2013, 48, 20-26.	2.0	29
144	Executive function and sleep problems in childhood epilepsy. <i>Epilepsy and Behavior</i> , 2014, 37, 20-25.	1.7	28

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145	Recurrent stroke: the role of thrombophilia in a large international pediatric stroke population. <i>Haematologica</i> , 2019, 104, 1676-1681.	3.5	28
146	Prophylactic phenobarbitone in young children with severe falciparum malaria: pharmacokinetics and clinical effects.. <i>British Journal of Clinical Pharmacology</i> , 1992, 33, 149-154.	2.4	27
147	Bacteraemia in sickle cell anaemia is associated with low haemoglobin: a report of 890 admissions to a tertiary hospital in Tanzania. <i>British Journal of Haematology</i> , 2015, 171, 273-276.	2.5	27
148	Diffusion weighted magnetic resonance imaging of compromised tissue in stroke. <i>Archives of Disease in Childhood</i> , 1997, 77, 38-41.	1.9	26
149	Is there a genetic basis for pediatric stroke?. <i>Current Opinion in Pediatrics</i> , 2003, 15, 547-558.	2.0	26
150	Nocturnal oxyhemoglobin desaturation and arteriopathy in a pediatric sickle cell disease cohort. <i>Neurology</i> , 2017, 89, 2406-2412.	1.1	26
151	Pediatric stroke: current developments. <i>Current Opinion in Pediatrics</i> , 2007, 19, 657-662.	2.0	24
152	Antithrombotic Drug Treatment of Pediatric Patients with Ischemic Stroke. <i>Paediatric Drugs</i> , 2003, 5, 167-175.	3.1	22
153	Cardiopulmonary bypass temperature and brain function. <i>Anaesthesia</i> , 2005, 60, 365-372.	3.8	22
154	Proteomic analysis of plasma from children with sickle cell anemia and silent cerebral infarction. <i>Haematologica</i> , 2018, 103, 1136-1142.	3.5	22
155	Cortical abnormalities and language function in young patients with basal ganglia stroke. <i>NeuroImage</i> , 2007, 36, 431-440.	4.2	21
156	Association between iron deficiency and febrile seizures. <i>European Journal of Paediatric Neurology</i> , 2015, 19, 591-596.	1.6	21
157	Successful Management of Severe Intracranial Hypertension by Surgical Decompression. <i>Developmental Medicine and Child Neurology</i> , 2008, 28, 506-509.	2.1	20
158	Changing patterns of neuropsychological functioning in children living at high altitude above and below 4000m: a report from the Bolivian Children Living at Altitude (BoCLA) study. <i>Developmental Science</i> , 2011, 14, 1185-1193.	2.4	19
159	Increased risk of severe vasoocclusive episodes after initial acute chest syndrome in children with sickle cell anemia less than 4 years old: Sleep and asthma cohort. <i>American Journal of Hematology</i> , 2015, 90, 371-375.	4.1	19
160	Fatal haemorrhagic infarct in an infant with homocystinuria. <i>Developmental Medicine and Child Neurology</i> , 1999, 41, 132-135.	2.1	19
161	Peripheral Neuropathy and Neuromuscular Blockade Presenting as Prolonged Respiratory Paralysis Following Critical Illness. <i>Neuropediatrics</i> , 1993, 24, 123-125.	0.6	18
162	The relation between arterial oxygen tension and cerebral blood flow during cardiopulmonary bypass. <i>European Journal of Cardio-thoracic Surgery</i> , 1997, 11, 633-639.	1.4	18

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163	What is the optimal cerebral perfusion pressure in children suffering from traumatic coma?. Neurosurgical Focus, 2003, 15, 1-8.	2.3	18
164	Survival and Mortality in Older Adults Living at High Altitude in Bolivia: A Preliminary Report. Journal of the American Geriatrics Society, 2009, 57, 1955-1956.	2.6	18
165	Global arginine bioavailability in Tanzanian sickle cell anaemia patients at steady-state: a nested case control study of deaths <i>versus</i> survivors. British Journal of Haematology, 2011, 155, 522-524.	2.5	18
166	Cardiac arrest and post resuscitation of the brain. European Journal of Paediatric Neurology, 2011, 15, 379-389.	1.6	18
167	Stroke in paediatric pneumococcal meningitis: a cross-sectional population-based study. Archives of Disease in Childhood, 2013, 98, 647-649.	1.9	18
168	Adaptation to Life in the High Andes: Nocturnal Oxyhemoglobin Saturation in Early Development. Sleep, 2016, 39, 1001-1008.	1.1	18
169	Growth monitoring following traumatic brain injury. Archives of Disease in Childhood, 2009, 94, 699-701.	1.9	17
170	Seizure-induced miosis. Epilepsia, 2011, 52, e199-e203.	5.1	17
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