Michael R Debaun

List of Publications by Year
in descending order

267 papers	13,185 citations	26630 56 h-index	31849 101 g-index
272 all docs	272 docs citations	272 times ranked	8052 citing authors

#	Article	IF	Citations
1	Association of In Vitro Fertilization with Beckwith-Wiedemann Syndrome and Epigenetic Alterations of LIT1 and H19. American Journal of Human Genetics, 2003, 72, 156-160.	6.2	875
2	Management of Stroke in Neonates and Children: A Scientific Statement From the American Heart Association/American Stroke Association. Stroke, 2019, 50, e51-e96.	2.0	425
3	Controlled Trial of Transfusions for Silent Cerebral Infarcts in Sickle Cell Anemia. New England Journal of Medicine, 2014, 371, 699-710.	27.0	421
4	Risk of cancer during the first four years of life in children from The Beckwith-Wiedemann Syndrome Registry. Journal of Pediatrics, 1998, 132, 398-400.	1.8	402
5	Longitudinal changes in brain magnetic resonance imaging findings in children with sickle cell disease. Blood, 2002, 99, 3014-3018.	1.4	319
6	Epigenetic Alterations of H19 and LIT1 Distinguish Patients with Beckwith-Wiedemann Syndrome with Cancer and Birth Defects. American Journal of Human Genetics, 2002, 70, 604-611.	6.2	267
7	Silent cerebral infarcts: a review on a prevalent and progressive cause of neurologic injury in sickle cell anemia. Blood, 2012, 119, 4587-4596.	1.4	262
8	Silent infarction as a risk factor for overt stroke in children with sickle cell anemia: A report from the Cooperative Study of Sickle Cell Disease. Journal of Pediatrics, 2001, 139, 385-390.	1.8	256
9	Asthma is associated with acute chest syndrome and pain in children with sickle cell anemia. Blood, 2006, 108, 2923-2927.	1.4	231
10	Silent cerebral infarcts occur despite regular blood transfusion therapy after first strokes in children with sickle cell disease. Blood, 2011, 117, 772-779.	1.4	225
11	Risk of recurrent stroke in children with sickle cell disease receiving blood transfusion therapy for at least five years after initial stroke. Journal of Pediatrics, 2002, 140, 348-354.	1.8	215
12	Association between Beckwith-Wiedemann syndrome and assisted reproductive technology: A case series of 19 patients. Fertility and Sterility, 2005, 83, 349-354.	1.0	214
13	Discontinuing penicillin prophylaxis in children with sickle cell anemia. Journal of Pediatrics, 1995, 127, 685-690.	1.8	195
14	Central nervous system complications and management in sickle cell disease. Blood, 2016, 127, 829-838.	1.4	194
15	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
16	Health-related quality of life in children with sickle cell disease: child and parent perception. British Journal of Haematology, 2005, 130, 437-444.	2.5	172
17	Racial disparity in the frequency of recurrence of preterm birth. American Journal of Obstetrics and Gynecology, 2007, 196, 131.e1-131.e6.	1.3	171
18	Racial Differences in the Survival of Childhood B-Precursor Acute Lymphoblastic Leukemia: A Pediatric Oncology Group Study. Journal of Clinical Oncology, 2000, 18, 813-813.	1.6	158

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19	Asthma is associated with Increased mortality in individuals with sickle cell anemia. Haematologica, 2007, 92, 1115-1118.	3.5	139
20	Parent education and biologic factors influence on cognition in sickle cell anemia. American Journal of Hematology, 2014, 89, 162-167.	4.1	139
21	Screening for Wilms tumor in children with Beckwith-Wiedemann syndrome or idiopathic hemihypertrophy. , 1999, 32, 196-200.		138
22	Exchange blood transfusion compared with simple transfusion for first overt stroke is associated with a lower risk of subsequent stroke: A retrospective cohort study of 137 children with sickle cell anemia. Journal of Pediatrics, 2006, 149, 710-712.	1.8	135
23	Evolution of sickle cell disease from a lifeâ€threatening disease of children to a chronic disease of adults: The last 40 years. American Journal of Hematology, 2016, 91, 5-14.	4.1	126
24	Haploidentical Bone Marrow Transplantation with Post-Transplantation Cyclophosphamide Plus Thiotepa Improves Donor Engraftment in Patients with Sickle Cell Anemia: Results of an International Learning Collaborative. Biology of Blood and Marrow Transplantation, 2019, 25, 1197-1209.	2.0	120
25	Primary Hemorrhagic Stroke in Children With Sickle Cell Disease Is Associated With Recent Transfusion and Use of Corticosteroids. Pediatrics, 2006, 118, 1916-1924.	2.1	116
26	Obstructive Sleep Apnea and Sickle Cell Anemia. Pediatrics, 2014, 134, 273-281.	2.1	116
27	DESIGN OF THE SILENT CEREBRAL INFARCT TRANSFUSION (SIT) TRIAL. Pediatric Hematology and Oncology, 2010, 27, 69-89.	0.8	108
28	Transition and Sickle Cell Disease. Pediatrics, 2012, 130, 926-935.	2.1	103
29	How I treat and manage strokes in sickle cell disease. Blood, 2015, 125, 3401-3410.	1.4	102
30	Clinical parameters associated with low bacteremia risk in 1100 pediatric oncology patients with fever and neutropenia. Cancer, 2001, 92, 909-913.	4.1	101
31	Silent cerebral infarcts and cerebral aneurysms are prevalent in adults with sickle cell anemia. Blood, 2016, 127, 2038-2040.	1.4	101
32	High oneÂyear mortality in adults with sickle cell disease and endâ€stage renal disease. British Journal of Haematology, 2012, 159, 360-367.	2.5	100
33	Pregnancy outcomes in women with sickleâ€cell disease in low and high income countries: aÂsystematic review and metaâ€analysis. BJOG: an International Journal of Obstetrics and Gynaecology, 2016, 123, 691-698.	2.3	100
34	Sickle Cell Disease, Vasculopathy, and Therapeutics. Annual Review of Medicine, 2013, 64, 451-466.	12.2	96
35	Reversible posterior leukoencephalopathy syndrome and silent cerebral infarcts are associated with severe acute chest syndrome in children with sickle cell disease. Blood, 2003, 101, 415-419.	1.4	95
36	Neuropsychologic effects of stroke in children with sickle cell anemia. Journal of Pediatrics, 1993, 123, 712-717.	1.8	93

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37	Cognitive Function in Sickle Cell Disease Across Domains, Cerebral Infarct Status, and the Lifespan: A Meta-Analysis. Journal of Pediatric Psychology, 2019, 44, 948-958.	2.1	93
38	Asthma and acute chest in sickle-cell disease. Pediatric Pulmonology, 2004, 38, 229-232.	2.0	92
39	Left ventricular hypertrophy and diastolic dysfunction in children with sickle cell disease are related to asleep and waking oxygen desaturation. Blood, 2010, 116, 16-21.	1.4	84
40	Hypoglycemia in Beckwith-Wiedemann syndrome. Seminars in Perinatology, 2000, 24, 164-171.	2.5	82
41	Simpson Golabi Behmel Syndrome: Progress toward Understanding the Molecular Basis for Overgrowth, Malformation, and Cancer Predisposition. Molecular Genetics and Metabolism, 2001, 72, 279-286.	1.1	82
42	Sickle Cell Disease. Hematology American Society of Hematology Education Program, 2004, 2004, 35-47.	2.5	82
43	Risk factors for hospital readmission within 30 days: A new quality measure for children with sickle cell disease. Pediatric Blood and Cancer, 2009, 52, 481-485.	1.5	82
44	Airway Hyperresponsiveness in Children With Sickle Cell Anemia. Chest, 2011, 139, 563-568.	0.8	81
45	Screening for Wilms tumor and hepatoblastoma in children with Beckwith-Wiedemann syndromes: A cost-effective model. Medical and Pediatric Oncology, 2001, 37, 349-356.	1.0	79
46	Nephromegaly in infancy and early childhood: A risk factor for Wilms tumor in Beckwith-Wiedemann syndrome. Journal of Pediatrics, 1998, 132, 401-404.	1.8	78
47	Silent infarcts in sickle cell disease occur in the border zone region and are associated with low cerebral blood flow. Blood, 2018, 132, 1714-1723.	1.4	78
48	A crossâ€sectional study of bleeding phenotype in haemophilia A carriers. British Journal of Haematology, 2015, 170, 223-228.	2.5	75
49	Heme oxygenase-1 gene promoter polymorphism is associated with reduced incidence of acute chest syndrome among children with sickle cell disease. Blood, 2012, 120, 3822-3828.	1.4	74
50	Decreased median survival of adults with sickle cell disease after adjusting for left truncation bias: a pooled analysis. Blood, 2019, 133, 615-617.	1.4	71
51	Genome-wide association study identifies genetic variants influencing F-cell levels in sickle-cell patients. Journal of Human Genetics, 2011, 56, 316-323.	2.3	70
52	Silent cerebral infarction, income, and grade retention among students with sickle cell anemia. American Journal of Hematology, 2014, 89, E188-92.	4.1	70
53	Sickle hemoglobin disturbs normal coupling among erythrocyte O2 content, glycolysis, and antioxidant capacity. Blood, 2013, 121, 1651-1662.	1.4	66
54	Stroke in children with sickle cell disease. Current Treatment Options in Neurology, 2004, 6, 357-375.	1.8	65

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55	Magnetic resonance angiographyâ€defined intracranial vasculopathy is associated with silent cerebral infarcts and glucoseâ€6â€phosphate dehydrogenase mutation in children with sickle cell anaemia. British Journal of Haematology, 2012, 159, 352-359.	2.5	65
56	Hydroxyurea therapy contributes to infertility in adult men with sickle cell disease: a review. Expert Review of Hematology, 2014, 7, 767-773.	2.2	63
57	Nocturnal Oxygen Desaturation and Disordered Sleep as a Potential Factor in Executive Dysfunction in Sickle Cell Anemia. Journal of the International Neuropsychological Society, 2012, 18, 168-173.	1.8	59
58	Acute Silent Cerebral Ischemic Events in Children With Sickle Cell Anemia. JAMA Neurology, 2013, 70, 58.	9.0	57
59	Healthâ€related quality of life in children with sickle cell anemia: Impact of blood transfusion therapy. American Journal of Hematology, 2015, 90, 139-143.	4.1	57
60	Accuracy of Neurologic Examination and History in Detecting Evidence of MRI-Diagnosed Cerebral Infarctions in Children With Sickle Cell Hemoglobinopathy. Journal of Child Neurology, 1995, 10, 88-92.	1.4	56
61	Recurrent, severe wheezing is associated with morbidity and mortality in adults with sickle cell disease. American Journal of Hematology, 2011, 86, 756-761.	4.1	54
62	The intersection between asthma and acute chest syndrome in children with sickle-cell anaemia. Lancet, The, 2016, 387, 2545-2553.	13.7	52
63	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
64	End points for sickle cell disease clinical trials: patient-reported outcomes, pain, and the brain. Blood Advances, 2019, 3, 3982-4001.	5.2	51
65	Validity of the Child Health Questionnaire for Use In Children With Sickle Cell Disease. Journal of Pediatric Hematology/Oncology, 2004, 26, 574-578.	0.6	50
66	Longitudinal analysis of pulmonary function in adults with sickle cell disease. American Journal of Hematology, 2008, 83, 574-576.	4.1	50
67	Lower airway obstruction is associated with increased morbidity in children with sickle cell disease. Pediatric Pulmonology, 2009, 44, 290-296.	2.0	50
68	Etiology of strokes in children with sickle cell anemia. Mental Retardation and Developmental Disabilities Research Reviews, 2006, 12, 192-199.	3.6	49
69	Asthma and sickle cell disease: two distinct diseases or part of the same process?. Hematology American Society of Hematology Education Program, 2009, 2009, 45-53.	2.5	49
70	Leukemia after gene therapy for sickle cell disease: insertional mutagenesis, busulfan, both, or neither. Blood, 2021, 138, 942-947.	1.4	49
71	Factors predicting future ACS episodes in children with sickle cell anemia. American Journal of Hematology, 2014, 89, E212-7.	4.1	48
72	Cytomegalovirus viremia associated with death or retransplantation in pediatric lung-transplant recipients. Transplantation, 2003, 75, 1538-1543.	1.0	47

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73	Painful Episodes in Children With Sickle Cell Disease and Asthma are Temporally Associated With Respiratory Symptoms. Journal of Pediatric Hematology/Oncology, 2006, 28, 481-485.	0.6	47
74	Histopathology of experimentally induced asthma in a murine model of sickle cell disease. Blood, 2008, 112, 2529-2538.	1.4	47
75	Asthma is associated with acute chest syndrome, but not with an increased rate of hospitalization for pain among children in France with sickle cell anemia: a retrospective cohort study. Haematologica, 2008, 93, 1917-1918.	3.5	47
76	Low forced expiratory volume is associated with earlier death in sickle cell anemia. Blood, 2015, 126, 1544-1550.	1.4	47
77	Wheezing and asthma are independent risk factors for increased sickle cell disease morbidity. British Journal of Haematology, 2012, 159, 472-479.	2.5	46
78	Serotype-specific immunoglobulin G antibody responses to pneumococcal polysaccharide vaccine in children with sickle cell anemia: Effects of continued penicillin prophylaxis. Journal of Pediatrics, 1996, 129, 828-835.	1.8	45
79	Low daytime pulse oximetry reading is associated with nocturnal desaturation and obstructive sleep apnea in children with sickle cell anemia. Pediatric Blood and Cancer, 2008, 50, 359-362.	1.5	45
80	Elevation of IgE in children with sickle cell disease is associated with doctor diagnosis of asthma and increased morbidity. Journal of Allergy and Clinical Immunology, 2011, 127, 1440-1446.	2.9	45
81	Factors associated with preterm delivery in mothers of children with Beckwith-Wiedemann syndrome: A case cohort study from the BWS registry. American Journal of Medical Genetics, Part A, 2005, 134A, 187-191.	1.2	44
82	Trials in Sickle Cell Disease. Pediatric Neurology, 2006, 34, 450-458.	2.1	44
83	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
84	Epidemiology of Bloodstream Infections in the First Year After Pediatric Lung Transplantation. Pediatric Infectious Disease Journal, 2005, 24, 324-330.	2.0	43
85	Females with FVIII and FIX deficiency have reduced joint range of motion. American Journal of Hematology, 2014, 89, 831-836.	4.1	43
86	Methacholine challenge in children with sickle cell disease: A case series. Pediatric Pulmonology, 2008, 43, 924-929.	2.0	41
87	Hydroxyurea for primary stroke prevention in children with sickle cell anaemia in Nigeria (SPRING): a double-blind, multicentre, randomised, phase 3 trial. Lancet Haematology,the, 2022, 9, e26-e37.	4.6	41
88	Prevalence of daily medication adherence among children with sickle cell disease: A 1â€year retrospective cohort analysis. Pediatric Blood and Cancer, 2010, 55, 554-556.	1.5	39
89	Risk Factors for Increased ED Utilization in a Multinational Cohort of Children With Sickle Cell Disease. Academic Emergency Medicine, 2012, 19, 664-672.	1.8	39
90	Prospects for primary stroke prevention in children with sickle cell anaemia. British Journal of Haematology, 2012, 157, 14-25.	2.5	39

#	Article	IF	Citations
91	Elevated urinary leukotriene E₄ levels are associated with hospitalization for pain in children with sickle cell disease. American Journal of Hematology, 2008, 83, 640-643.	4.1	38
92	Rapidly progressive acute chest syndrome in individuals with sickle cell anemia: a distinct acute chest syndrome phenotype. American Journal of Hematology, 2016, 91, 1185-1190.	4.1	38
93	Barriers and motivators to blood and cord blood donations in young African-American women. American Journal of Hematology, 2005, 78, 198-202.	4.1	37
94	LIT1 andH19 methylation defects in isolated hemihyperplasia. American Journal of Medical Genetics, Part A, 2005, 134A, 129-131.	1.2	35
95	Need for cognitive rehabilitation for children with sickle cell disease and strokes. Expert Review of Neurotherapeutics, 2008, 8, 291-296.	2.8	35
96	Acute pain in children and adults with sickle cell disease: management in the absence of evidence-based guidelines. Current Opinion in Hematology, 2009, 16, 173-178.	2.5	35
97	Smoking is associated with an increased risk of acute chest syndrome and pain among adults with sickle cell disease. Blood, 2010, 115, 3852-3854.	1.4	35
98	Incidental Findings on Brain Magnetic Resonance Imaging of Children With Sickle Cell Disease. Pediatrics, 2010, 126, 53-61.	2.1	35
99	Enuresis Associated with Sleep Disordered Breathing in Children with Sickle Cell Anemia. Journal of Urology, 2012, 188, 1572-1577.	0.4	35
100	Primary stroke prevention in Nigerian children with sickle cell disease (SPIN): Challenges of conducting a feasibility trial. Pediatric Blood and Cancer, 2015, 62, 395-401.	1.5	35
101	Key Components of Pain Management for Children and Adults with Sickle Cell Disease. Hematology/Oncology Clinics of North America, 2018, 32, 535-550.	2.2	35
102	Moderate fixedâ€dose hydroxyurea for primary prevention of strokes in Nigerian children with sickle cell disease: Final results of the <scp>SPIN</scp> trial. American Journal of Hematology, 2020, 95, E247-E250.	4.1	35
103	Variability in standard care for cytomegalovirus prevention and detection in pediatric lung transplantation: Survey of eight pediatric lung transplant programs. Pediatric Transplantation, 2003, 7, 469-473.	1.0	34
104	Children with Idiopathic Hemihypertrophy and Beckwith-Wiedemann Syndrome Have Different Constitutional Epigenotypes Associated with Wilms Tumor. American Journal of Human Genetics, 2005, 77, 887-891.	6.2	34
105	Mailing of a sickle cell disease educational packet increases blood donors within an African American community. Transfusion, 2006, 46, 1388-1393.	1.6	34
106	Exploring barriers and facilitators to clinical trial enrollment in the context of sickle cell anemia and hydroxyurea. Pediatric Blood and Cancer, 2013, 60, 1333-1337.	1.5	34
107	Pattern of Lung Function Is Not Associated with Prior or Future Morbidity in Children with Sickle Cell Anemia. Annals of the American Thoracic Society, 2016, 13, 1314-1323.	3.2	34
108	Correlates of Cognitive Function in Sickle Cell Disease: A Meta-Analysis. Journal of Pediatric Psychology, 2020, 45, 145-155.	2.1	34

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109	Nocturnal enuresis in sickle cell disease. Expert Review of Hematology, 2014, 7, 245-254.	2.2	33
110	Urinary cysteinyl leukotriene E₄ significantly increases during pain in children and adults with sickle cell disease. American Journal of Hematology, 2009, 84, 231-233.	4.1	32
111	The Association of Cytokine Levels With Cognitive Function in Children With Sickle Cell Disease and Normal MRI Studies of the Brain. Journal of Child Neurology, 2015, 30, 1349-1353.	1.4	32
112	Growth of lung function in children with sickle cell anemia. Pediatric Pulmonology, 2008, 43, 1061-1066.	2.0	31
113	Multiâ€modal intervention for the inpatient management of sickle cell pain significantly decreases the rate of acute chest syndrome. Pediatric Blood and Cancer, 2011, 56, 262-266.	1.5	30
114	Headache and Migraine in Children with Sickle Cell Disease Are Associated with Lower Hemoglobin and Higher Pain Event Rates But Not Silent Cerebral Infarction. Journal of Pediatrics, 2014, 164, 1175-1180.e1.	1.8	30
115	Implementation of multidisciplinary care reduces maternal mortality in women with sickle cell disease living in lowâ€resource setting. American Journal of Hematology, 2017, 92, 872-878.	4.1	30
116	Clustering of endâ€organ disease and earlier mortality in adults with sickle cell disease: A retrospectiveâ€prospective cohort study. American Journal of Hematology, 2018, 93, 1153-1160.	4.1	30
117	Inadequate community knowledge about sickle cell disease among African-American women. Journal of the National Medical Association, 2005, 97, 62-7.	0.8	30
118	Silent Cerebral Infarct Transfusion (SIT) Trial Imaging Core: Application of Novel Imaging Information Technology for Rapid and Central Review of MRI of the Brain. Journal of Digital Imaging, 2009, 22, 326-343.	2.9	29
119	Multi-modal intervention and prospective implementation of standardized sickle cell pain admission orders reduces 30-day readmission rate. Pediatric Blood and Cancer, 2009, 53, 401-405.	1.5	29
120	Plasma glial fibrillary acidic protein levels in children with sickle cell disease. American Journal of Hematology, 2011, 86, 427-429.	4.1	29
121	Effects of Experimental Asthma on Inflammation and Lung Mechanics in Sickle Cell Mice. American Journal of Respiratory Cell and Molecular Biology, 2012, 46, 389-396.	2.9	29
122	Asthma morbidity and treatment in children with sickle cell disease. Expert Review of Respiratory Medicine, 2011, 5, 635-645.	2.5	28
123	Risk Factors for 30-Day Readmission in Adults with Sickle Cell Disease. American Journal of Medicine, 2017, 130, 601.e9-601.e15.	1.5	28
124	Influence of Penicillin Prophylaxis on Antimicrobial Resistance in Nasopharyngeal S. Pneumoniae among Children with Sickle Cell Anemia. The American Journal of Pediatric Hematology/oncology, 1997, 19, 327-333.	1.3	28
125	Differential cerebral hemometabolic responses to blood transfusions in adults and children with sickle cell anemia. Journal of Magnetic Resonance Imaging, 2019, 49, 466-477.	3.4	27
126	Screening for Wilms' tumor in children with high-risk congenital syndromes: Considerations for an intervention trial. , 1996, 27, 415-421.		26

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127	Enuresis Is a Common and Persistent Problem Among Children and Young Adults with Sickle Cell Anemia. Urology, 2008, 72, 81-84.	1.0	26
128	Urinary cysteinyl leukotriene E₄ is associated with increased risk for pain and acute chest syndrome in adults with sickle cell disease. American Journal of Hematology, 2009, 84, 158-160.	4.1	26
129	Improving Medication Adherence with Two-way Short Message Service Reminders in Sickle Cell Disease and Asthma. Applied Clinical Informatics, 2017, 08, 541-559.	1.7	26
130	Cognitive Function, Coping, and Depressive Symptoms in Children and Adolescents with Sickle Cell Disease. Journal of Pediatric Psychology, 2018, 43, 543-551.	2.1	26
131	Asymmetries in Visual-Spatial Processing Following Childhood Stroke.. Neuropsychology, 2004, 18, 340-352.	1.3	25
132	Both Hemophilia Health Care Providers and Hemophilia A Carriers Report That Carriers Have Excessive Bleeding. Journal of Pediatric Hematology/Oncology, 2014, 36, e224-e230.	0.6	25
133	Factors associated with growth and blood pressure patterns in children with sickle cell anemia: Silent Cerebral Infarct Multiâ€Center Clinical Trial cohort. American Journal of Hematology, 2015, 90, 2-7.	4.1	25
134	Silent infarct is a risk factor for infarct recurrence in adults with sickle cell anemia. Neurology, 2018, 91, e781-e784.	1.1	25
135	Initiating adjunct low-dose hydroxyurea therapy for stroke prevention in children with SCA during the COVID-19 pandemic. Blood, 2020, 135, 1997-1999.	1.4	25
136	Noninvasive Central Nervous System Imaging in Sickle Cell Anemia. Journal of Pediatric Hematology/Oncology, 1995, 17, 29-33.	0.6	24
137	The Sickle Cell Sabbath: a community program increases firstâ€time blood donors in the African American faith community. Transfusion, 2009, 49, 519-523.	1.6	24
138	Epidemiology and treatment of relative anemia in children with sickle cell disease in sub-Saharan Africa. Expert Review of Hematology, 2016, 9, 1031-1042.	2.2	24
139	Fertility challenges for women with sickle cell disease. Expert Review of Hematology, 2017, 10, 891-901.	2.2	24
140	Feasibility of partial nephrectomy for Wilms' tumor in children with Beckwith-Wiedemann syndrome who have been screened with abdominal ultrasonography. Journal of Pediatric Surgery, 2002, 37, 57-60.	1.6	23
141	Daytime pulse oximeter measurements do not predict incidence of pain and acute chest syndrome episodes in sickle cell anemia. Journal of Pediatrics, 2006, 149, 707-709.	1.8	23
142	Sleep disordered breathing does not predict acute severe pain episodes in children with sickle cell anemia. American Journal of Hematology, 2018, 93, 478-485.	4.1	23
143	Lesion burden and cognitive morbidity in children with sickle cell disease. Journal of Child Neurology, 2002, 17, 891-5.	1.4	23
144	Elevated tricuspid regurgitant jet velocity, reduced forced expiratory volume in 1 second, and mortality in adults with sickle cell disease. American Journal of Hematology, 2017, 92, 125-130.	4.1	22

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145	The Role of Fibrocytes in Sickle Cell Lung Disease. PLoS ONE, 2012, 7, e33702.	2.5	22
146	An Education Program to Increase Teacher Knowledge About Sickle Cell Disease. Journal of School Health, 2005, 75, 11-14.	1.6	21
147	Blood transfusion therapy is feasible in a clinical trial setting in children with sickle cell disease and silent cerebral infarcts. Pediatric Blood and Cancer, 2008, 50, 599-602.	1.5	21
148	Transfusions for Silent Cerebral Infarcts in Sickle Cell Anemia. New England Journal of Medicine, 2014, 371, 1841-1842.	27.0	21
149	The case for and against initiating either hydroxyurea therapy, blood transfusion therapy or hematopoietic stem cell transplant in asymptomatic children with sickle cell disease. Expert Opinion on Pharmacotherapy, 2014, 15, 325-336.	1.8	21
150	Hydroxyurea as secondary prevention for stroke in children with sickle cell anemia. Journal of Pediatrics, 2005, 147, 560-561.	1.8	20
151	Major gene effect and additive familial pattern of inheritance of asthma exist among families of probands with sickle cell anemia and asthma. American Journal of Human Biology, 2008, 20, 149-153.	1.6	20
152	Hemihypertrophy and a poorly differentiated embryonal rhabdomyosarcoma of the pelvis. , 1999, 32, 38-43.		19
153	Increased risk of severe vasoâ€occlusive episodes after initial acute chest syndrome in children with sickle cell anemia less than 4 years old: Sleep and asthma cohort. American Journal of Hematology, 2015, 90, 371-375.	4.1	19
154	Cerebral hemodynamic assessment and neuroimaging across the lifespan in sickle cell disease. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 1438-1448.	4.3	19
155	Multidisciplinary care results in similar maternal and perinatal mortality rates for women with and without SCD in a lowâ€resource setting. American Journal of Hematology, 2019, 94, 223-230.	4.1	19
156	Genome-wide association study to identify variants associated with acute severe vaso-occlusive pain in sickle cell anemia. Blood, 2017, 130, 686-688.	1.4	19
157	Sibling history of asthma is a risk factor for pain in children with sickle cell anemia. American Journal of Hematology, 2008, 83, 855-857.	4.1	18
158	Leukotriene pathway in sickle cell disease: a potential target for directed therapy. Expert Review of Hematology, 2009, 2, 57-68.	2.2	18
159	Secondary Prevention of Overt Strokes in Sickle Cell Disease: Therapeutic Strategies and Efficacy. Hematology American Society of Hematology Education Program, 2011, 2011, 427-433.	2.5	18
160	Acute chest syndrome is associated with single nucleotide polymorphismâ€defined beta globin cluster haplotype in children with sickle cell anaemia. British Journal of Haematology, 2013, 163, 268-276.	2.5	18
161	Intracranial vasculopathy and infarct recurrence in children with sickle cell anaemia, silent cerebral infarcts and normal transcranial Doppler velocities. British Journal of Haematology, 2018, 183, 324-326.	2.5	18
162	Men with sickle cell disease experience greater sexual dysfunction when compared with men without sickle cell disease. Blood Advances, 2020, 4, 3277-3283.	5.2	18

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163	Cerebral Hemodynamics and Executive Function in Sickle Cell Anemia. Stroke, 2021, 52, 1830-1834.	2.0	18
164	Inadequate Recognition of Education Resources Required for High-Risk Students With Sickle Cell Disease. JAMA Pediatrics, 2003, 157, 104.	3.0	17
165	Limitations of Clinical Trials in Sickle Cell Disease: A Case Study of the Multi-center Study of Hydroxyurea (MSH) Trial and the Stroke Prevention (STOP) Trial. Hematology American Society of Hematology Education Program, 2007, 2007, 482-488.	2.5	17
166	Asthma is a Distinct Comorbid Condition in Children With Sickle Cell Anemia With Elevated Total and Allergen-specific IgE Levels. Journal of Pediatric Hematology/Oncology, 2011, 33, e205-e208.	0.6	17
167	Environmental Tobacco Smoke and Airway Obstruction in Children With Sickle Cell Anemia. Chest, 2013, 144, 1323-1329.	0.8	17
168	Stroke Recurrence in Nigerian Children With Sickle Cell Disease: Evidence for a Secondary Stroke Prevention Trial. Pediatric Neurology, 2019, 95, 73-78.	2.1	17
169	Asthma in children with sickle cell disease. Current Opinion in Pediatrics, 2019, 31, 349-356.	2.0	17
170	Associations of transcranial doppler velocity, age, and gender with cognitive function in children with sickle cell anemia in Nigeria. Child Neuropsychology, 2019, 25, 705-720.	1.3	17
171	Improved Guideline Adherence With Integrated Sickle Cell Disease and Asthma Care. American Journal of Preventive Medicine, 2016, 51, S62-S68.	3.0	16
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