Michael Rutledge DeBaun

List of Publications by Year
in descending order

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274 papers	11,229 citations	36203 51 h-index	39575 94 g-index
281 all docs	281 docs citations	281 times ranked	6925 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.	2.6	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.	1.0	425
3	Controlled Trial of Transfusions for Silent Cerebral Infarcts in Sickle Cell Anemia. New England Journal of Medicine, 2014, 371, 699-710.	13.9	421
4	Longitudinal changes in brain magnetic resonance imaging findings in children with sickle cell disease. Blood, 2002, 99, 3014-3018.	0.6	319
5	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.	2.6	267
6	Silent cerebral infarcts: a review on a prevalent and progressive cause of neurologic injury in sickle cell anemia. Blood, 2012, 119, 4587-4596.	0.6	262
7	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.	0.9	256
8	Asthma is associated with acute chest syndrome and pain in children with sickle cell anemia. Blood, 2006, 108, 2923-2927.	0.6	231
9	Silent cerebral infarcts occur despite regular blood transfusion therapy after first strokes in children with sickle cell disease. Blood, 2011, 117, 772-779.	0.6	225
10	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.	0.9	215
11	American Society of Hematology 2020 guidelines for sickle cell disease: prevention, diagnosis, and treatment of cerebrovascular disease in children and adults. Blood Advances, 2020, 4, 1554-1588.	2.5	206
12	Central nervous system complications and management in sickle cell disease. Blood, 2016, 127, 829-838.	0.6	194
13	Malignant peripheral nerve sheath tumors in neurofibromatosis 1. American Journal of Medical Genetics Part A, 2000, 93, 388-392.	2.4	182
14	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.	0.6	180
15	Asthma is associated with Increased mortality in individuals with sickle cell anemia. Haematologica, 2007, 92, 1115-1118.	1.7	139
16	Parent education and biologic factors influence on cognition in sickle cell anemia. American Journal of Hematology, 2014, 89, 162-167.	2.0	139
17	Screening for Wilms tumor in children with Beckwith-Wiedemann syndrome or idiopathic hemihypertrophy. , 1999, 32, 196-200.		138
18	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.	0.9	135

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19	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.	2.0	126
20	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
21	Patient-Centered eHealth Interventions for Children, Adolescents, and Adults With Sickle Cell Disease: Systematic Review. Journal of Medical Internet Research, 2018, 20, e10940.	2.1	119
22	Primary Hemorrhagic Stroke in Children With Sickle Cell Disease Is Associated With Recent Transfusion and Use of Corticosteroids. Pediatrics, 2006, 118, 1916-1924.	1.0	116
23	Obstructive Sleep Apnea and Sickle Cell Anemia. Pediatrics, 2014, 134, 273-281.	1.0	116
24	DESIGN OF THE SILENT CEREBRAL INFARCT TRANSFUSION (SIT) TRIAL. Pediatric Hematology and Oncology, 2010, 27, 69-89.	0.3	108
25	Transition and Sickle Cell Disease. Pediatrics, 2012, 130, 926-935.	1.0	103
26	How I treat and manage strokes in sickle cell disease. Blood, 2015, 125, 3401-3410.	0.6	102
27	Clinical parameters associated with low bacteremia risk in 1100 pediatric oncology patients with fever and neutropenia. Cancer, 2001, 92, 909-913.	2.0	101
28	Silent cerebral infarcts and cerebral aneurysms are prevalent in adults with sickle cell anemia. Blood, 2016, 127, 2038-2040.	0.6	101
29	High oneÂyear mortality in adults with sickle cell disease and endâ€stage renal disease. British Journal of Haematology, 2012, 159, 360-367.	1.2	100
30	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.	1.1	100
31	Sickle Cell Disease, Vasculopathy, and Therapeutics. Annual Review of Medicine, 2013, 64, 451-466.	5.0	96
32	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.	0.6	95
33	Neuropsychologic effects of stroke in children with sickle cell anemia. Journal of Pediatrics, 1993, 123, 712-717.	0.9	93
34	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.	1.1	93
35	Asthma and acute chest in sickle-cell disease. Pediatric Pulmonology, 2004, 38, 229-232.	1.0	92
36	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.	0.6	84

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37	Airway Hyperresponsiveness in Children With Sickle Cell Anemia. Chest, 2011, 139, 563-568.	0.4	81
38	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
39	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.	0.6	78
40	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.	0.6	74
41	Meta-analysis of 2040 sickle cell anemia patients: BCL11A and HBS1L-MYB are the major modifiers of HbF in African Americans. Blood, 2012, 120, 1961-1962.	0.6	73
42	Decreased median survival of adults with sickle cell disease after adjusting for left truncation bias: a pooled analysis. Blood, 2019, 133, 615-617.	0.6	71
43	Silent cerebral infarction, income, and grade retention among students with sickle cell anemia. American Journal of Hematology, 2014, 89, E188-92.	2.0	70
44	Sickle hemoglobin disturbs normal coupling among erythrocyte O2 content, glycolysis, and antioxidant capacity. Blood, 2013, 121, 1651-1662.	0.6	66
45	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.	1.2	65
46	Hydroxyurea therapy contributes to infertility in adult men with sickle cell disease: a review. Expert Review of Hematology, 2014, 7, 767-773.	1.0	63
47	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.	1.2	59
48	Cognitive deficits are associated with unemployment in adults with sickle cell anemia. Journal of Clinical and Experimental Neuropsychology, 2016, 38, 661-671.	0.8	58
49	Acute Silent Cerebral Ischemic Events in Children With Sickle Cell Anemia. JAMA Neurology, 2013, 70, 58.	4.5	57
50	Healthâ€related quality of life in children with sickle cell anemia: Impact of blood transfusion therapy. American Journal of Hematology, 2015, 90, 139-143.	2.0	57
51	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.	0.7	56
52	A Genome-Wide Association Study of Total Bilirubin and Cholelithiasis Risk in Sickle Cell Anemia. PLoS ONE, 2012, 7, e34741.	1.1	55
53	Recurrent, severe wheezing is associated with morbidity and mortality in adults with sickle cell disease. American Journal of Hematology, 2011, 86, 756-761.	2.0	54
54	The intersection between asthma and acute chest syndrome in children with sickle-cell anaemia. Lancet, The, 2016, 387, 2545-2553.	6.3	52

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55	Feasibility trial for primary stroke prevention in children with sickle cell anemia in Nigeria (SPIN) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.0	52
56	Renal Medullary Carcinoma: Establishing Standards in Practice. Journal of Oncology Practice, 2017, 13, 414-421.	2.5	52
57	End points for sickle cell disease clinical trials: patient-reported outcomes, pain, and the brain. Blood Advances, 2019, 3, 3982-4001.	2.5	51
58	Longitudinal analysis of pulmonary function in adults with sickle cell disease. American Journal of Hematology, 2008, 83, 574-576.	2.0	50
59	Lower airway obstruction is associated with increased morbidity in children with sickle cell disease. Pediatric Pulmonology, 2009, 44, 290-296.	1.0	50
60	Etiology of strokes in children with sickle cell anemia. Mental Retardation and Developmental Disabilities Research Reviews, 2006, 12, 192-199.	3.5	49
61	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.	0.9	49
62	Leukemia after gene therapy for sickle cell disease: insertional mutagenesis, busulfan, both, or neither. Blood, 2021, 138, 942-947.	0.6	49
63	Factors predicting future ACS episodes in children with sickle cell anemia. American Journal of Hematology, 2014, 89, E212-7.	2.0	48
64	Histopathology of experimentally induced asthma in a murine model of sickle cell disease. Blood, 2008, 112, 2529-2538.	0.6	47
65	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.	1.7	47
66	Low forced expiratory volume is associated with earlier death in sickle cell anemia. Blood, 2015, 126, 1544-1550.	0.6	47
67	Wheezing and asthma are independent risk factors for increased sickle cell disease morbidity. British Journal of Haematology, 2012, 159, 472-479.	1.2	46
68	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.	0.8	45
69	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.	1.5	45
70	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.	0.9	44
71	Risk factors for hospitalizations and readmissions among individuals with sickle cell disease: results of a U.S. survey study. Hematology, 2019, 24, 189-198.	0.7	42
72	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.	2.2	41

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73	Prospects for primary stroke prevention in children with sickle cell anaemia. British Journal of Haematology, 2012, 157, 14-25.	1.2	39
74	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.	2.0	38
75	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.	2.0	38
76	Preliminary Study of Working Memory in Children with Stroke Related to Sickle Cell Disease. Journal of Clinical and Experimental Neuropsychology, 2000, 22, 257-264.	0.8	35
77	A Multidisciplinary Health Care Team's Efforts to Improve Educational Attainment in Children With Sickle-Cell Anemia and Cerebral Infarcts. Journal of School Health, 2006, 76, 33-37.	0.8	35
78	Need for cognitive rehabilitation for children with sickle cell disease and strokes. Expert Review of Neurotherapeutics, 2008, 8, 291-296.	1.4	35
79	Smoking is associated with an increased risk of acute chest syndrome and pain among adults with sickle cell disease. Blood, 2010, 115, 3852-3854.	0.6	35
80	Enuresis Associated with Sleep Disordered Breathing in Children with Sickle Cell Anemia. Journal of Urology, 2012, 188, 1572-1577.	0.2	35
81	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.	0.8	35
82	Key Components of Pain Management for Children and Adults with Sickle Cell Disease. Hematology/Oncology Clinics of North America, 2018, 32, 535-550.	0.9	35
83	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.	2.0	35
84	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.	0.8	34
85	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.	1.5	34
86	Correlates of Cognitive Function in Sickle Cell Disease: A Meta-Analysis. Journal of Pediatric Psychology, 2020, 45, 145-155.	1.1	34
87	Nocturnal enuresis in sickle cell disease. Expert Review of Hematology, 2014, 7, 245-254.	1.0	33
88	Urinary cysteinyl leukotriene E₄ significantly increases during pain in children and adults with sickle cell disease. American Journal of Hematology, 2009, 84, 231-233.	2.0	32
89	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.	0.7	32
90	Growth of lung function in children with sickle cell anemia. Pediatric Pulmonology, 2008, 43, 1061-1066.	1.0	31

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91	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.	0.8	30
92	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.	0.9	30
93	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.	2.0	30
94	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.	2.0	30
95	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.	1.6	29
96	Plasma glial fibrillary acidic protein levels in children with sickle cell disease. American Journal of Hematology, 2011, 86, 427-429.	2.0	29
97	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.	1.4	29
98	Asthma morbidity and treatment in children with sickle cell disease. Expert Review of Respiratory Medicine, 2011, 5, 635-645.	1.0	28
99	Risk Factors for 30-Day Readmission in Adults with Sickle Cell Disease. American Journal of Medicine, 2017, 130, 601.e9-601.e15.	0.6	28
100	Differential cerebral hemometabolic responses to blood transfusions in adults and children with sickle cell anemia. Journal of Magnetic Resonance Imaging, 2019, 49, 466-477.	1.9	27
101	The effects of bifrontal stroke during childhood on visual attention: Evidence from children with sickle cell anemia. Developmental Neuropsychology, 1994, 10, 285-297.	1.0	26
102	Enuresis Is a Common and Persistent Problem Among Children and Young Adults with Sickle Cell Anemia. Urology, 2008, 72, 81-84.	0.5	26
103	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.	2.0	26
104	Improving Medication Adherence with Two-way Short Message Service Reminders in Sickle Cell Disease and Asthma. Applied Clinical Informatics, 2017, 08, 541-559.	0.8	26
105	Cognitive Function, Coping, and Depressive Symptoms in Children and Adolescents with Sickle Cell Disease. Journal of Pediatric Psychology, 2018, 43, 543-551.	1.1	26
106	Cognitive Screening for Silent Cerebral Infarction in Children With Sickle Cell Disease. Journal of Pediatric Hematology/Oncology, 2006, 28, 166-169.	0.3	25
107	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.	2.0	25
108	Silent infarct is a risk factor for infarct recurrence in adults with sickle cell anemia. Neurology, 2018, 91, e781-e784.	1.5	25

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109	Initiating adjunct low-dose hydroxyurea therapy for stroke prevention in children with SCA during the COVID-19 pandemic. Blood, 2020, 135, 1997-1999.	0.6	25
110	Epidemiology and treatment of relative anemia in children with sickle cell disease in sub-Saharan Africa. Expert Review of Hematology, 2016, 9, 1031-1042.	1.0	24
111	Fertility challenges for women with sickle cell disease. Expert Review of Hematology, 2017, 10, 891-901.	1.0	24
112	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.	0.9	23
113	Sleep disordered breathing does not predict acute severe pain episodes in children with sickle cell anemia. American Journal of Hematology, 2018, 93, 478-485.	2.0	23
114	Modifying factors of the health belief model associated with missed clinic appointments among individuals with sickle cell disease. Hematology, 2018, 23, 683-691.	0.7	23
115	Academic Medicineâ€™s Journey Toward Racial Equity Must Be Grounded in History: Recommendations for Becoming an Antiracist Academic Medical Center. Academic Medicine, 2021, 96, 1507-1512.	0.8	23
116	Lesion burden and cognitive morbidity in children with sickle cell disease. Journal of Child Neurology, 2002, 17, 891-5.	0.7	23
117	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.	2.0	22
118	Genome-Wide Meta-Analysis of Systolic Blood Pressure in Children with Sickle Cell Disease. PLoS ONE, 2013, 8, e74193.	1.1	21
119	Transfusions for Silent Cerebral Infarcts in Sickle Cell Anemia. New England Journal of Medicine, 2014, 371, 1841-1842.	13.9	21
120	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.	0.9	21
121	Hemihypertrophy and a poorly differentiated embryonal rhabdomyosarcoma of the pelvis. , 1999, 32, 38-43.		19
122	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.	2.0	19
123	Cerebral hemodynamic assessment and neuroimaging across the lifespan in sickle cell disease. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 1438-1448.	2.4	19
124	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.	2.0	19
125	Genome-wide association study to identify variants associated with acute severe vaso-occlusive pain in sickle cell anemia. Blood, 2017, 130, 686-688.	0.6	19
126	Leukotriene pathway in sickle cell disease: a potential target for directed therapy. Expert Review of Hematology, 2009, 2, 57-68.	1.0	18

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127	Secondary Prevention of Overt Strokes in Sickle Cell Disease: Therapeutic Strategies and Efficacy. Hematology American Society of Hematology Education Program, 2011, 2011, 427-433.	0.9	18
128	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.	1.2	18
129	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.	1.2	18
130	Men with sickle cell disease experience greater sexual dysfunction when compared with men without sickle cell disease. Blood Advances, 2020, 4, 3277-3283.	2.5	18
131	Cerebral Hemodynamics and Executive Function in Sickle Cell Anemia. Stroke, 2021, 52, 1830-1834.	1.0	18
132	Screening for cancer in children with Costello syndrome. American Journal of Medical Genetics Part A, 2002, 108, 88-90.	2.4	17
133	Inadequate Recognition of Education Resources Required for High-Risk Students With Sickle Cell Disease. JAMA Pediatrics, 2003, 157, 104.	3.6	17
134	Environmental Tobacco Smoke and Airway Obstruction in Children With Sickle Cell Anemia. Chest, 2013, 144, 1323-1329.	0.4	17
135	Stroke Recurrence in Nigerian Children With Sickle Cell Disease: Evidence for a Secondary Stroke Prevention Trial. Pediatric Neurology, 2019, 95, 73-78.	1.0	17
136	Asthma in children with sickle cell disease. Current Opinion in Pediatrics, 2019, 31, 349-356.	1.0	17
137	Acute Vaso-Occlusive Pain is Temporally Associated with the Onset of Menstruation in Women with Sickle Cell Disease. Journal of Women's Health, 2019, 28, 162-169.	1.5	17
138	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.	0.8	17
139	Improved Guideline Adherence With Integrated Sickle Cell Disease and Asthma Care. American Journal of Preventive Medicine, 2016, 51, S62-S68.	1.6	16
140	Adapting medical guidelines to be patient-centered using a patient-driven process for individuals with sickle cell disease and their caregivers. BMC Hematology, 2018, 18, 12.	2.6	16
141	Reproducibility of Detecting Silent Cerebral Infarcts in Pediatric Sickle Cell Anemia. Journal of Child Neurology, 2014, 29, 1685-1691.	0.7	15
142	Wheezing Is Common in Children With Sickle Cell Disease When Compared With Controls. Journal of Pediatric Hematology/Oncology, 2015, 37, 16-19.	0.3	15
143	Silent cerebral infarct definitions and full-scale IQ loss in children with sickle cell anemia. Neurology, 2018, 90, e239-e246.	1.5	15
144	Directed blood donor program decreases donor exposure for children with sickle cell disease requiring chronic transfusion. Immunohematology, 2012, 28, 7-12.	0.2	15

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145	Translating research to usual care of children with sickle cell disease in Northern Nigeria: lessons learned from the SPRING Trial Team. BMC Research Notes, 2022, 15, 1.	0.6	15
146	A Lesion Analysis of Visual Orienting Performance in Children With Cerebral Vascular Injury. Developmental Neuropsychology, 2000, 17, 49-61.	1.0	14
147	Thrombospondinâ€1 and <scp>L</scp>â€selectin are associated with silent cerebral infarct in children with sickle cell anaemia. British Journal of Haematology, 2013, 162, 421-424.	1.2	14
148	Bridging the childhood epilepsy treatment gap in northern Nigeria (BRIDGE): Rationale and design of pre-clinical trial studies. Contemporary Clinical Trials Communications, 2019, 15, 100362.	0.5	14
149	Haploidentical bone marrow transplantation improves cerebral hemodynamics in adults with sickle cell disease. American Journal of Hematology, 2019, 94, E155-E158.	2.0	14
150	2019 sickle cell disease guidelines by the American Society of Hematology: methodology, challenges, and innovations. Blood Advances, 2019, 3, 3945-3950.	2.5	14
151	Primary prevention of stroke in children with sickle cell anemia in sub-Saharan Africa: rationale and design of phase III randomized clinical trial. Pediatric Hematology and Oncology, 2021, 38, 49-64.	0.3	14
152	A polygenic score for acute vaso-occlusive pain in pediatric sickle cell disease. Blood Advances, 2021, 5, 2839-2851.	2.5	14
153	Common gynecological challenges in adolescents with sickle cell disease. Expert Review of Hematology, 2016, 9, 187-196.	1.0	13
154	Age is a predictor of a small decrease in lung function in children with sickle cell anemia. American Journal of Hematology, 2018, 93, 408-415.	2.0	13
155	Neurologic complications in children under five years with sickle cell disease. Neuroscience Letters, 2019, 706, 201-206.	1.0	13
156	Death due to asthma in two adolescents with sickle cell disease. Pediatric Blood and Cancer, 2011, 56, 454-457.	0.8	12
157	The Challenge of Creating an Evidence-Based Guideline for Sickle Cell Disease. JAMA - Journal of the American Medical Association, 2014, 312, 1004.	3.8	12
158	Discordance between Self-Report and Genetic Confirmation of Sickle Cell Disease Status in African-American Adults. Public Health Genomics, 2014, 17, 169-172.	0.6	12
159	Secondary benefit of maintaining normal transcranial Doppler velocities when using hydroxyurea for prevention of severe sickle cell anemia. Pediatric Blood and Cancer, 2017, 64, e26401.	0.8	12
160	Progressive loss of brain volume in children with sickle cell anemia and silent cerebral infarct: A report from the silent cerebral infarct transfusion trial. American Journal of Hematology, 2018, 93, E406-E408.	2.0	12
161	Haploidentical Bone Marrow Transplant with Post-Transplant Cytoxan Plus Thiotepa Improves Donor Engraftment in Patients with Sickle Cell Anemia: Results of an International Multicenter Learning Collaborative. Blood, 2016, 128, 1233-1233.	0.6	12
162	The Charles Drew Program in Missouri: a description of a partnership among a blood center and several hospitals to address the care of patients with sickle cell disease. Immunohematology, 2006, 22, 112-116.	0.2	12

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163	Primum non nocere: the case against transplant for children with sickle cell anemia without progressive end-organ disease. Blood Advances, 2017, 1, 2568-2571.	2.5	11
164	Technology use and preferences to support clinical practice guideline awareness and adherence in individuals with sickle cell disease. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 976-988.	2.2	11
165	Approximately 40 000 children with sickle cell anemia require screening with TCD and treating with hydroxyurea for stroke prevention in three states in northern Nigeria. American Journal of Hematology, 2019, 94, E305-E307.	2.0	11
166	Intracranial and Extracranial Vascular Stenosis as Risk Factors for Stroke in Sickle Cell Disease. Pediatric Neurology, 2021, 114, 29-34.	1.0	11
167	Contraceptive Methods and the Impact of Menstruation on Daily Functioning in Women with Sickle Cell Disease. Southern Medical Journal, 2019, 112, 174-179.	0.3	11
168	A case series describing causes of death in pregnant women with sickle cell disease in a lowâ€resource setting. American Journal of Hematology, 2018, 93, E167-E170.	2.0	10
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