Jane S Hankins

List of Publications by Year
in descending order

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228	4,497	126907	144013
papers	citations	33 h-index	57 g-index

240	240	240	4708
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	R2* magnetic resonance imaging of the liver in patients with iron overload. Blood, 2009, 113, 4853-4855.	1.4	311
2	Long-term hydroxyurea therapy for infants with sickle cell anemia: the HUSOFT extension study. Blood, 2005, 106, 2269-2275.	1.4	251
3	Streptococcus pneumoniae Translocates into the Myocardium and Forms Unique Microlesions That Disrupt Cardiac Function. PLoS Pathogens, 2014, 10, e1004383.	4.7	183
4	The effect of hydroxcarbamide therapy on survival of children with sickle cell disease. British Journal of Haematology, 2013, 161, 852-860.	2.5	129
5	Effect of donor type and conditioning regimen intensity on allogeneic transplantation outcomes in patients with sickle cell disease: a retrospective multicentre, cohort study. Lancet Haematology,the, 2019, 6, e585-e596.	4.6	128
6	Patient-Centered eHealth Interventions for Children, Adolescents, and Adults With Sickle Cell Disease: Systematic Review. Journal of Medical Internet Research, 2018, 20, e10940.	4.3	119
7	Glomerular hyperfiltration and albuminuria in children with sickle cell anemia. Pediatric Nephrology, 2011, 26, 1285-1290.	1.7	103
8	Fetal haemoglobin levels and haematological characteristics of compound heterozygotes for haemoglobin S and deletional hereditary persistence of fetal haemoglobin. British Journal of Haematology, 2012, 156, 259-264.	2.5	97
9	Hydroxyurea treatment decreases glomerular hyperfiltration in children with sickle cell anemia. American Journal of Hematology, 2013, 88, 116-119.	4.1	85
10	Preservation of spleen and brain function in children with sickle cell anemia treated with hydroxyurea. Pediatric Blood and Cancer, 2008, 50, 293-297.	1.5	81
11	Therapy preference and decision-making among patients with severe sickle cell anemia and their families. Pediatric Blood and Cancer, 2007, 48, 705-710.	1.5	75
12	Pharmacogenetics for Safe Codeine Use in Sickle Cell Disease. Pediatrics, 2016, 138, .	2.1	71
13	A Transition Pilot Program for Adolescents With Sickle Cell Disease. Journal of Pediatric Health Care, 2012, 26, e45-e49.	1.2	69
14	A clinically meaningful fetal hemoglobin threshold for children with sickle cell anemia during hydroxyurea therapy. American Journal of Hematology, 2017, 92, 1333-1339.	4.1	66
15	From Infancy to Adolescence. Medicine (United States), 2014, 93, e215.	1.0	59
16	Prevention of conversion to abnormal transcranial <scp>D</scp>oppler with hydroxyurea in sickle cell anemia: A <scp>P</scp>hase III international randomized clinical trial. American Journal of Hematology, 2015, 90, 1099-1105.	4.1	59
17	Sickle Cell Clinical Research and Intervention Program (SCCRIP): A lifespan cohort study for sickle cell disease progression from the pediatric stage into adulthood. Pediatric Blood and Cancer, 2018, 65, e27228.	1.5	57
18	Comparison of whole liver and small region-of-interest measurements of MRI liver R2* in children with iron overload. Pediatric Radiology, 2010, 40, 1360-1367.	2.0	55

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19	Initial Guidance on Use of Monoclonal Antibody Therapy for Treatment of Coronavirus Disease 2019 in Children and Adolescents. Journal of the Pediatric Infectious Diseases Society, 2021, 10, 629-634.	1.3	55
20	Parental Stress in Families of Children with a Genetic Disorder/Disability and the Resiliency Model of Family Stress, Adjustment, and Adaptation. Issues in Comprehensive Pediatric Nursing, 2012, 35, 24-44.	0.6	54
21	Chronic Transfusion Therapy for Children With Sickle Cell Disease and Recurrent Acute Chest Syndrome. Journal of Pediatric Hematology/Oncology, 2005, 27, 158-161.	0.6	52
22	The sickle cell disease implementation consortium: Translating evidenceâ€based guidelines into practice for sickle cell disease. American Journal of Hematology, 2018, 93, E391-E395.	4.1	52
23	Improved hydroxyurea effect with the use of text messaging in children with sickle cell anemia. Pediatric Blood and Cancer, 2014, 61, 2031-2036.	1.5	51
24	End points for sickle cell disease clinical trials: patient-reported outcomes, pain, and the brain. Blood Advances, 2019, 3, 3982-4001.	5.2	51
25	The natural history of conditional transcranial Doppler flow velocities in children with sickle cell anaemia. British Journal of Haematology, 2008, 142, 94-99.	2.5	50
26	Quantitative ultrashort echo time imaging for assessment of massive iron overload at 1.5 and 3 Tesla. Magnetic Resonance in Medicine, 2017, 78, 1839-1851.	3.0	50
27	Ventricular diastolic dysfunction in sickle cell anemia is common but not associated with myocardial iron deposition. Pediatric Blood and Cancer, 2010, 55, 495-500.	1.5	49
28	Prevalence of Vitamin D Deficiency in Sickle Cell Disease: A Systematic Review. PLoS ONE, 2015, 10, e0119908.	2.5	48
29	Risk factors for hospitalizations and readmissions among individuals with sickle cell disease: results of a U.S. survey study. Hematology, 2019, 24, 189-198.	1.5	42
30	Protection from sickle cell retinopathy is associated with elevated HbF levels and hydroxycarbamide use in children. British Journal of Haematology, 2013, 161, 402-405.	2.5	40
31	Arterial spinâ€labeled perfusion combined with segmentation techniques to evaluate cerebral blood flow in white and gray matter of children with sickle cell anemia. Pediatric Blood and Cancer, 2009, 52, 85-91.	1.5	39
32	American Society of Hematology 2021 guidelines for sickle cell disease: stem cell transplantation. Blood Advances, 2021, 5, 3668-3689.	5.2	38
33	Development of the InCharge Health Mobile App to Improve Adherence to Hydroxyurea in Patients With Sickle Cell Disease: User-Centered Design Approach. JMIR MHealth and UHealth, 2020, 8, e14884.	3.7	38
34	A program of transition to adult care for sickle cell disease. Hematology American Society of Hematology Education Program, 2019, 2019, 496-504.	2.5	37
35	Pharmacotherapy in sickle cell disease â€“ state of the art and future prospects. British Journal of Haematology, 2009, 145, 296-308.	2.5	35
36	Transition From Pediatric to Adult Care in Sickle Cell Disease: Perspectives on the Family Role. Journal of Pediatric Nursing, 2014, 29, 158-167.	1.5	34

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37	Phase I study of magnesium pidolate in combination with hydroxycarbamide for children with sickle cell anaemia. British Journal of Haematology, 2007, 140, 071107175539001-???.	2.5	33
38	Hydroxyurea Use and Hospitalization Trends in a Comprehensive Pediatric Sickle Cell Program. PLoS ONE, 2013, 8, e72077.	2.5	32
39	Assessment of Sleep-Related Disorders in Children With Sickle Cell Disease. Hemoglobin, 2014, 38, 244-251.	0.8	31
40	Patterns of liver iron accumulation in patients with sickle cell disease and thalassemia with iron overload. European Journal of Haematology, 2010, 85, 51-57.	2.2	30
41	â€œIt's Our Jobâ€: Qualitative Study of Family Responses to Ableism. Intellectual and Developmental Disabilities, 2010, 48, 245-258.	1.1	30
42	Perceptions of US Adolescents and Adults With Sickle Cell Disease on Their Quality of Care. JAMA Network Open, 2020, 3, e206016.	5.9	30
43	Hydroxyurea treatment and neurocognitive functioning in sickle cell disease from school age to young adulthood. British Journal of Haematology, 2021, 195, 256-266.	2.5	30
44	Safe and efficient peripheral blood stem cell collection in patients with sickle cell disease using plerixafor. Haematologica, 2020, 105, e497.	3.5	29
45	Pediatric to Adult Care Transition: Perspectives of Young Adults With Sickle Cell Disease. Journal of Pediatric Psychology, 2017, 42, 1016-1027.	2.1	27
46	Hydroxycarbamide alters erythroid gene expression in children with sickle cell anaemia. British Journal of Haematology, 2012, 157, 240-248.	2.5	26
47	Hydroxycarbamide treatment and brain MRI/MRA findings in children with sickle cell anaemia. British Journal of Haematology, 2016, 175, 331-338.	2.5	26
48	Children with sickle cell anemia and APOL1 genetic variants develop albuminuria early in life. Haematologica, 2019, 104, e385-e387.	3.5	26
49	Risk score to predict event-free survival after hematopoietic cell transplant for sickle cell disease. Blood, 2020, 136, 623-626.	1.4	26
50	Predictors of splenic function preservation in children with sickle cell anemia treated with hydroxyurea. European Journal of Haematology, 2014, 93, 377-383.	2.2	25
51	Does fat suppression via chemically selective saturation affect R2*-MRI for transfusional iron overload assessment? A clinical evaluation at 1.5T and 3T. Magnetic Resonance in Medicine, 2016, 76, 591-601.	3.0	25
52	Inflammatory molecule reduction with hydroxyurea therapy in children with sickle cell anemia. Haematologica, 2018, 103, e50-e54.	3.5	25
53	Pregnancy outcomes with hydroxyurea use in women with sickle cell disease. American Journal of Hematology, 2022, 97, 603-612.	4.1	25
54	The impact of preparation and support procedures for children with sickle cell disease undergoing MRI. Pediatric Radiology, 2012, 42, 1223-1228.	2.0	24

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55	Simultaneous field and R mapping to quantify liver iron content using autoregressive moving average modeling. Journal of Magnetic Resonance Imaging, 2012, 35, 1125-1132.	3.4	24
56	Genetic Variants Associated with Therapy-Related Cardiomyopathy among Childhood Cancer Survivors of African Ancestry. Cancer Research, 2021, 81, 2556-2565.	0.9	24
57	Disease severity impacts plerixafor-mobilized stem cell collection in patients with sickle cell disease. Blood Advances, 2021, 5, 2403-2411.	5.2	24
58	Modifying factors of the health belief model associated with missed clinic appointments among individuals with sickle cell disease. Hematology, 2018, 23, 683-691.	1.5	23
59	Intentional and unintentional nonadherence to hydroxyurea among people with sickle cell disease: a qualitative study. Blood Advances, 2020, 4, 4463-4473.	5.2	23
60	Association between hydroxycarbamide exposure and neurocognitive function in adolescents with sickle cell disease. British Journal of Haematology, 2020, 189, 1192-1203.	2.5	23
61	Neurocognitive screening with the Brigance Preschool screenâ€¦ in 3â€yearâ€old children with sickle cell disease. Pediatric Blood and Cancer, 2011, 56, 620-624.	1.5	22
62	A Survey-Based Needs Assessment of Barriers to Optimal Sickle Cell Disease Care in the Emergency Department. Annals of Emergency Medicine, 2020, 76, S64-S72.	0.6	22
63	The diagnostic dilemma of congenital unstable hemoglobinopathies. Pediatric Blood and Cancer, 2010, 55, 1393-1395.	1.5	21
64	Effects of adenotonsillectomy on polysomnographic parameters in children with sickle cell disease. Pediatric Blood and Cancer, 2013, 60, E26-8.	1.5	21
65	Original Research: Parvovirus B19 infection in children with sickle cell disease in the hydroxyurea era. Experimental Biology and Medicine, 2016, 241, 749-754.	2.4	21
66	Publication of data collection forms from NHLBI funded sickle cell disease implementation consortium (SCDIC) registry. Orphanet Journal of Rare Diseases, 2020, 15, 178.	2.7	21
67	THE INFLUENCE OF TRAUMATIC LUMBAR PUNCTURE AND TIMING OF INTRATHECAL THERAPY ON OUTCOME OF PEDIATRIC ACUTE LYMPHOBLASTIC LEUKEMIA. Pediatric Hematology and Oncology, 2005, 22, 483-488.	0.8	20
68	Simultaneous acute splenic sequestration and transient aplastic crisis in children with sickle cell disease. Pediatric Blood and Cancer, 2009, 53, 479-481.	1.5	19
69	Trends in transfusion burden among long-term survivors of childhood hematological malignancies. Leukemia and Lymphoma, 2013, 54, 1719-1723.	1.3	19
70	Hydroxyurea prevents onset and progression of albuminuria in children with sickle cell anemia. American Journal of Hematology, 2019, 94, E27-E29.	4.1	19
71	Integration of Mobile Health Into Sickle Cell Disease Care to Increase Hydroxyurea Utilization: Protocol for an Efficacy and Implementation Study. JMIR Research Protocols, 2020, 9, e16319.	1.0	19
72	Saccharomyces cerevisiae -derived virus-like particle parvovirus B19 vaccine elicits binding and neutralizing antibodies in a mouse model for sickle cell disease. Vaccine, 2017, 35, 3615-3620.	3.8	18

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73	Identifying barriers to evidence-based care for sickle cell disease: results from the Sickle Cell Disease Implementation Consortium cross-sectional survey of healthcare providers in the USA. BMJ Open, 2021, 11, e050880.	1.9	18
74	Decision Analysis of Treatment Strategies in Children With Severe Sickle Cell Disease. Journal of Pediatric Hematology/Oncology, 2009, 31, 873-878.	0.6	17
75	Exploring Parent-Sibling Communication in Families of Children with Sickle Cell Disease. Issues in Comprehensive Pediatric Nursing, 2010, 33, 101-123.	0.6	17
76	Improving Outcomes for Patients With Sickle Cell Disease in the United States. JAMA Health Forum, 2021, 2, e213467.	2.2	17
77	State of the Art Management of Acute Vaso-occlusive Pain in Sickle Cell Disease. Paediatric Drugs, 2018, 20, 29-42.	3.1	16
78	Pediatric to adult care coâ€location transitional model for youth with sickle cell disease. American Journal of Hematology, 2018, 93, E30-E32.	4.1	16
79	Use of caplacizumab in a child with refractory thrombotic thrombocytopenic purpura. Pediatric Blood and Cancer, 2019, 66, e27737.	1.5	16
80	A Multidimensional Electronic Hydroxyurea Adherence Intervention for Children With Sickle Cell Disease: Single-Arm Before-After Study. JMIR MHealth and UHealth, 2019, 7, e13452.	3.7	16
81	Sickle cell disease caused by heterozygosity for Hb S and novel LCR deletion: Report of two patients. American Journal of Hematology, 2009, 84, 603-606.	4.1	15
82	The painful face of poverty. Pediatric Blood and Cancer, 2009, 52, 157-158.	1.5	15
83	Patientâ€reported neurocognitive symptoms influence instrumental activities of daily living in sickle cell disease. American Journal of Hematology, 2021, 96, 1396-1406.	4.1	15
84	Microarray analysis of liver gene expression in iron overloaded patients with sickle cell anemia and betaâ€thalassemia. American Journal of Hematology, 2009, 84, 328-334.	4.1	14
85	Addressing challenges of clinical trials in acute pain: The Pain Management of Vaso-occlusive Crisis in Children and Young Adults with Sickle Cell Disease Study. Clinical Trials, 2016, 13, 409-416.	1.6	14
86	Hydroxyurea treatment effect on children with sickle cell disease and obstructive sleep apnea. Sleep and Breathing, 2017, 21, 697-701.	1.7	14
87	Ventricular global longitudinal strain is altered in children with sickle cell disease. British Journal of Haematology, 2018, 183, 796-806.	2.5	14
88	A polygenic score for acute vaso-occlusive pain in pediatric sickle cell disease. Blood Advances, 2021, 5, 2839-2851.	5.2	14
89	Effects of hydroxyurea on brain function in children with sickle cell anemia. Pediatric Blood and Cancer, 2021, 68, e29254.	1.5	14
90	Exploring Family Communication About Sickle Cell Disease in Adolescence. Journal of Pediatric Oncology Nursing, 2012, 29, 323-336.	1.5	13

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91	Genetic Education and Sickle Cell Disease. Journal of Pediatric Hematology/Oncology, 2014, 36, 572-577.	0.6	13
92	Cognitive performance as a predictor of healthcare transition in sickle cell disease. British Journal of Haematology, 2021, 192, 1082-1091.	2.5	13
93	Web-Based Technology to Improve Disease Knowledge Among Adolescents With Sickle Cell Disease: Pilot Study. JMIR Pediatrics and Parenting, 2020, 3, e15093.	1.6	13
94	Sex-based differences in the manifestations and complications of sickle cell disease: Report from the Sickle Cell Disease Implementation Consortium. PLoS ONE, 2021, 16, e0258638.	2.5	13
95	Radial Ultrashort TE Imaging Removes the Need for Breath-Holding in Hepatic Iron Overload Quantification by R2* MRI. American Journal of Roentgenology, 2017, 209, 187-194.	2.2	12
96	The Case for Pharmacogeneticsâ€Guided Prescribing of Codeine in Children. Clinical Pharmacology and Therapeutics, 2019, 105, 1300-1302.	4.7	12
97	Academic Performance of Children With Sickle Cell Disease in the United States: A Meta-Analysis. Frontiers in Neurology, 2021, 12, 786065.	2.4	12
98	Rapid decline in estimated glomerular filtration rate in sickle cell anemia: results of a multicenter pooled analysis. Haematologica, 2021, 106, 1749-1753.	3.5	11
99	Sickle-cell disease: an ounce of prevention, a pound of cure. Lancet, The, 2009, 374, 1308-1310.	13.7	10
100	Evaluation of SWI in Children with Sickle Cell Disease. American Journal of Neuroradiology, 2014, 35, 1016-1021.	2.4	10
101	Height-corrected low bone density associates with severe outcomes in sickle cell disease: SCCRIP cohort study results. Blood Advances, 2019, 3, 1476-1488.	5.2	10
102	Challenges in clinical implementation of CYP2D6 genotyping: choice of variants to test affects phenotype determination. Genetics in Medicine, 2020, 22, 232-233.	2.4	10
103	Elevated tricuspid regurgitation velocity in congenital hemolytic anemias: Prevalence and laboratory correlates. Pediatric Blood and Cancer, 2019, 66, e27717.	1.5	9
104	Autoregressive moving average modeling for hepatic iron quantification in the presence of fat. Journal of Magnetic Resonance Imaging, 2019, 50, 1620-1632.	3.4	9
105	Concordance between glucose-6-phosphate dehydrogenase (G6PD) genotype and phenotype and rasburicase use in patients with hematologic malignancies. Pharmacogenomics Journal, 2019, 19, 305-314.	2.0	9
106	A novel algorithm comprehensively characterizes human RH genes using whole-genome sequencing data. Blood Advances, 2020, 4, 4347-4357.	5.2	9
107	Using Machine Learning to Predict Early Onset Acute Organ Failure in Critically Ill Intensive Care Unit Patients With Sickle Cell Disease: Retrospective Study. Journal of Medical Internet Research, 2020, 22, e14693.	4.3	9
108	High bias and low precision for estimated versus measured glomerular filtration rate in pediatric sickle cell anemia. Haematologica, 2020, 106, 295-298.	3.5	9

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109	Hydroxyurea Use After Transitions of Care Among Young Adults With Sickle Cell Disease and Tennessee Medicaid Insurance. JAMA Network Open, 2021, 4, e2128971.	5.9	9
110	Empirically Derived Profiles of Health-Related Quality of Life in Youth and Young Adults with Sickle Cell Disease. Journal of Pediatric Psychology, 2021, 46, 293-303.	2.1	9
111	Comparing segmented ASL perfusion of vascular territories using manual versus semiautomated techniques in children with sickle cell anemia. Journal of Magnetic Resonance Imaging, 2015, 41, 439-446.	3.4	8
112	Barriers and facilitators to research participation among adults, and parents of children with sickle cell disease: A transâ€regional survey. American Journal of Hematology, 2016, 91, E461-2.	4.1	8
113	Measuring hydroxyurea adherence by pharmacy and laboratory data compared with video observation in children with sickle cell disease. Pediatric Blood and Cancer, 2020, 67, e28250.	1.5	8
114	Optimizing haematopoietic stem and progenitor cell apheresis collection from plerixaforâ€mobilized patients with sickle cell disease. British Journal of Haematology, 2022, 198, 740-744.	2.5	8
115	Biloma and pneumobilia in sickle cell disease. Pediatric Blood and Cancer, 2008, 51, 288-290.	1.5	7
116	Time to rethink haemoglobin threshold guidelines in sickle cell disease. British Journal of Haematology, 2021, 195, 518-522.	2.5	7
117	Using qualitative perspectives of adolescents with sickle cell disease and caregivers to develop healthcare transition programming.. Clinical Practice in Pediatric Psychology, 2017, 5, 319-329.	0.3	7
118	Neurocognitive risk in sickle cell disease: Utilizing neuropsychology services to manage cognitive symptoms and functional limitations. British Journal of Haematology, 2022, 197, 260-270.	2.5	7
119	Neurocognitive functioning in preschool children with sickle cell disease. Pediatric Blood and Cancer, 2022, 69, e29531.	1.5	7
120	Thrombocytosis in an Infant With High Thrombopoietin Concentrations. Journal of Pediatric Hematology/Oncology, 2004, 26, 142-145.	0.6	6
121	CHEMICAL AND FUNCTIONAL ANALYSIS OF GENERIC HYDROXYUREA FORMULATIONS. Pediatric Hematology and Oncology, 2008, 25, 423-429.	0.8	6
122	The Clinical and Laboratory Spectrum of Hb C [Î²6(A3)Gluâ†'Lys,GAG>AAG] Disease. Hemoglobin, 2013, 37, 16-25.	0.8	6
123	Distance from an Urban Sickle Cell Center and its Effects on Routine Healthcare Management and Rates of Hospitalization. Hemoglobin, 2016, 40, 10-15.	0.8	6
124	A Retrospective Review to Determine If Children with Sickle Cell Disease Receive Hydroxyurea Monitoring. Pediatric Quality & Safety, 2017, 2, e024.	0.8	6
125	Acute kidney injury during parvovirus B19â€induced transient aplastic crisis in sickle cell disease. American Journal of Hematology, 2018, 93, E198.	4.1	6
126	Ultrashort echo time imaging for quantification of hepatic iron overload: Comparison of acquisition and fitting methods via simulations, phantoms, and in vivo data. Journal of Magnetic Resonance Imaging, 2019, 49, 1475-1488.	3.4	6

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127	Longitudinal effect of disease-modifying therapy on tricuspid regurgitant velocity in children with sickle cell anemia. Blood Advances, 2021, 5, 89-98.	5.2	6
128	What drives transcranial Doppler velocity improvement in paediatric sickle cell anaemia: analysis from the Sickle Cell Clinical Research and Intervention Program (SCCRIP) longitudinal cohort study. British Journal of Haematology, 2021, 194, 463-468.	2.5	6
129	Hepatic Iron Quantification Using a <scp>Freeâ€Breathing 3D</scp> Radial Gradient Echo Technique and Validation With a <scp>2D</scp> Biopsyâ€Calibrated <scp>R₂</scp>[*] Relaxometry Method. Journal of Magnetic Resonance Imaging, 2022, 55, 1407-1416.	3.4	6
130	Hydroxyurea Therapy Reduces Mortality Among Children with Sickle Cell Disease. Blood, 2010, 116, 843-843.	1.4	6
131	Cost analysis of acute care resource utilization among individuals with sickle cell disease in a middle-income country. BMC Health Services Research, 2022, 22, 42.	2.2	6
132	Paroxysmal cold hemoglobinuria due to an IgA Donathâ€“Landsteiner antibody. Pediatric Blood and Cancer, 2015, 62, 2044-2046.	1.5	5
133	Severe Autoimmune Hemolytic Anemia in an Infant Caused by Warm-reactive IGM and IGA Autoantibodies. Journal of Pediatric Hematology/Oncology, 2015, 37, 468-471.	0.6	5
134	Birth Prevalence of Sickle Cell Trait and Sickle Cell Disease in Shelby County, TN. Pediatric Blood and Cancer, 2016, 63, 1054-1059.	1.5	5
135	The clinical severity of hemoglobin S/Black (^AÎ³Î²)⁰â€thalassemia. Pediatric Blood and Cancer, 2017, 64, e26596.	1.5	5
136	Automated vessel exclusion technique for quantitative assessment of hepatic iron overload by â€MRI. Journal of Magnetic Resonance Imaging, 2018, 47, 1542-1551.	3.4	5
137	The Adolescent and Caregiver Sickle Cell Disease Self-management Skills Checklist: Preliminary Reliability and Validity. Journal of Pediatric Hematology/Oncology, 2020, 42, 12-19.	0.6	5
138	Tackling adherence in sickle cell disease with mHealth. Lancet Haematology,the, 2020, 7, e713-e714.	4.6	5
139	Quantitative Susceptibility Mapping Using a Multispectral Autoregressive Moving Average Model to Assess Hepatic Iron Overload. Journal of Magnetic Resonance Imaging, 2021, 54, 721-727.	3.4	5
140	Transition care continuity promotes longâ€term retention in adult care among young adults with sickle cell disease. Pediatric Blood and Cancer, 2021, 68, e29209.	1.5	5
141	Glomerular Hyperfiltration and Microalbuminuria in Children with Sickle Cell Anemia.. Blood, 2009, 114, 263-263.	1.4	5
142	Pain in Youth With Sickle Cell Disease. Clinical Journal of Pain, 2021, 37, 43-50.	1.9	5
143	Longitudinal study of glomerular hyperfiltration in adults with sickle cell anemia: a multicenter pooled analysis. Blood Advances, 2022, 6, 4461-4470.	5.2	5
144	Automated T₂* measurements using supplementary field mapping to assess cardiac iron content. Journal of Magnetic Resonance Imaging, 2013, 38, 441-447.	3.4	4

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145	Future Perspectives for the Treatment of Sickle Cell Anemia. , 2016, , 399-429.		4
146	The impact of the UGT1A1*60 allele on bilirubin serum concentrations. Pharmacogenomics, 2017, 18, 5-16.	1.3	4
147	Fast quantitative parameter maps without fitting: Integration yields accurate monoâ€exponential signal decay rates. Magnetic Resonance in Medicine, 2018, 79, 2978-2985.	3.0	4
148	GSTM1 and Liver Iron Content in Children with Sickle Cell Anemia and Iron Overload. Journal of Clinical Medicine, 2019, 8, 1878.	2.4	4
149	Acute Chest Syndrome After Splenectomy in Children With Sickle Cell Disease. Journal of Surgical Research, 2019, 242, 336-341.	1.6	4
150	Attention difficulties are associated with lower engagement in adult care amongst youth with sickle cell disease. British Journal of Haematology, 2020, 189, e27-e30.	2.5	4
151	Progression of central nervous system disease from pediatric to young adulthood in sickle cell anemia. Experimental Biology and Medicine, 2021, 246, 2473-2479.	2.4	4
152	Assessment of Cardiac Abnormalities in Sickle Cell Disease Patients Using Cardiac Magnetic Resonance Imaging (CMR). Blood, 2021, 138, 3110-3110.	1.4	4
153	Should my child participate in this research study?. Pediatric Blood and Cancer, 2010, 55, 12-13.	1.5	3
154	Can multi-slice or navigator-gated R2* MRI replace single-slice breath-hold acquisition for hepatic iron quantification?. Pediatric Radiology, 2017, 47, 46-54.	2.0	3
155	Association between hospital admissions and healthcare provider communication for individuals with sickle cell disease. Hematology, 2020, 25, 229-240.	1.5	3
156	Sickle cell disease and ventricular myocardial strain: A systematic review. Pediatric Blood and Cancer, 2021, 68, e28973.	1.5	3
157	Gabapentin for acute pain in sickle cell disease: A randomized doubleâ€blinded placeboâ€controlled phase II clinical trial. EJHaem, 2021, 2, 327-334.	1.0	3
158	Precision Medicine for Sickle Cell Disease through Whole Genome Sequencing. Blood, 2018, 132, 3641-3641.	1.4	3
159	Improvement in the Clinical Global Impression of Change with Voxelotor in Patients with Sickle Cell Disease in the Phase 3 HOPE Trial. Blood, 2020, 136, 5-6.	1.4	3
160	Agreement Between R2 and R2* Liver Iron Estimates Is Independent of the Type of Iron Removal Therapy: Results from the Twitch Trial. Blood, 2016, 128, 1274-1274.	1.4	3
161	Effects of Hydroxyurea (HU) on Neurocognitive Performance in Children with Sickle Cell Disease: A Prospective Trial. Blood, 2017, 130, 760-760.	1.4	3
162	Use of Wise Device Technology to Measure Adherence to Hydroxyurea Therapy in Youth With Sickle Cell Disease. Journal of Pediatric Hematology/Oncology, 2021, 43, e19-e25.	0.6	3

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163	Fetal hemoglobin modulates neurocognitive performance in sickle cell anemiaâœ°,âœ°âœ°. Current Research in Translational Medicine, 2022, 70, 103335.	1.8	3
164	Phenocopy of Warfarin Syndrome in an Infant Born to a Mother With Sickle Cell Anemia and Severe Transfusional Iron Overload. Journal of Pediatric Hematology/Oncology, 2013, 35, e265-e268.	0.6	2
165	The Sickle Cell Pro-Inflammatory Response to Interval Testing Study (SPRINTS) in children and young adults with sickle cell anemia â€“ Study design and methodological strategies. Contemporary Clinical Trials Communications, 2020, 20, 100668.	1.1	2
166	Vaccine Design Informed by Virus-Induced Immunity. Viral Immunology, 2020, 33, 342-350.	1.3	2
167	Safety of maximal cardiopulmonary exercise testing in individuals with sickle cell disease: a systematic review. British Journal of Sports Medicine, 2022, 56, 764-769.	6.7	2
168	Nocturnal Enuresis in Sickle Cell: Sociodemographic, Medical, and Quality of Life Factors. Journal of Pediatric Psychology, 2022, 47, 75-85.	2.1	2
169	Novel Surrogate Neutralizing Assay Supports Parvovirus B19 Vaccine Development for Children with Sickle Cell Disease. Vaccines, 2021, 9, 860.	4.4	2
170	Efficacy of a Health Care Transition Program for Patients with Sickle Cell Disease. Blood, 2018, 132, 5820-5820.	1.4	2
171	Data Access and Interactive Visualization of Whole Genome Sequence of Sickle Cell Patients within the St. Jude Cloud. Blood, 2018, 132, 723-723.	1.4	2
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