Marilyn J Telen

List of Publications by Year
in descending order

181 papers	7,483 citations	61984 43 h-index	58581 82 g-index
227 all docs	227 docs citations	227 times ranked	9593 citing authors

#	Article	IF	Citations
1	Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. Nature, 2021, 590, 290-299.	27.8	1,069
2	Evolution of adverse changes in stored RBCs. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 17063-17068.	7.1	572
3	CD44 â€" A molecule involved in leukocyte adherence and T-cell activation. Trends in Immunology, 1989, 10, 423-428.	7.5	536
4	microRNA miR-144 modulates oxidative stress tolerance and associates with anemia severity in sickle cell disease. Blood, 2010, 116, 4338-4348.	1.4	313
5	Translocation of Sickle Cell Erythrocyte MicroRNAs into Plasmodium falciparum Inhibits Parasite Translation and Contributes to Malaria Resistance. Cell Host and Microbe, 2012, 12, 187-199.	11.0	272
6	Pulmonary hypertension associated with sickle cell disease: Clinical and laboratory endpoints and disease outcomes. American Journal of Hematology, 2008, 83, 19-25.	4.1	244
7	Factors associated with survival in a contemporary adult sickle cell disease cohort. American Journal of Hematology, 2014, 89, 530-535.	4.1	235
8	An Official American Thoracic Society Clinical Practice Guideline: Diagnosis, Risk Stratification, and Management of Pulmonary Hypertension of Sickle Cell Disease. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 727-740.	5.6	197
9	Randomized phase 2 study of GMI-1070 in SCD: reduction in time to resolution of vaso-occlusive events and decreased opioid use. Blood, 2015, 125, 2656-2664.	1.4	178
10	Cardiopulmonary complications leading to premature deaths in adult patients with sickle cell disease. American Journal of Hematology, 2010, 85, 36-40.	4.1	167
11	The Genomic Analysis of Erythrocyte microRNA Expression in Sickle Cell Diseases. PLoS ONE, 2008, 3, e2360.	2.5	157
12	Novel epinephrine and cyclic AMP-mediated activation of BCAM/Lu-dependent sickle (SS) RBC adhesion. Blood, 2003, 101, 3281-3287.	1.4	152
13	MYH9 and APOL1 are both associated with sickle cell disease nephropathy. British Journal of Haematology, 2011, 155, 386-394.	2.5	139
14	Adherence to Hydroxyurea Therapy in Children with Sickle Cell Anemia. Journal of Pediatrics, 2010, 156, 415-419.	1.8	138
15	Quantitative microscopy and nanoscopy of sickle red blood cells performed by wide field digital interferometry. Journal of Biomedical Optics, 2011, 16, 1.	2.6	137
16	Epinephrine acts through erythroid signaling pathways to activate sickle cell adhesion to endothelium via LW-Î±vÎ²3 interactions. Blood, 2004, 104, 3774-3781.	1.4	135
17	Therapeutic strategies for sickle cell disease: towards a multi-agent approach. Nature Reviews Drug Discovery, 2019, 18, 139-158.	46.4	116
18	Beyond hydroxyurea: new and old drugs in the pipeline for sickle cell disease. Blood, 2016, 127, 810-819.	1.4	107

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19	Epinephrine-induced activation of LW-mediated sickle cell adhesion and vaso-occlusion in vivo. Blood, 2007, 110, 2708-2717.	1.4	101
20	A comprehensive joint analysis of the long and short RNA transcriptomes of human erythrocytes. BMC Genomics, 2015, 16, 952.	2.8	90
21	Validation of a novel point of care testing device for sickle cell disease. BMC Medicine, 2015, 13, 225.	5.5	81
22	Critical Factors in Basal Cell Adhesion Molecule/Lutheran-mediated Adhesion to Laminin. Journal of Biological Chemistry, 1999, 274, 728-734.	3.4	80
23	Red blood cell surface adhesion molecules: Their possible roles in normal human physiology and disease. Seminars in Hematology, 2000, 37, 130-142.	3.4	80
24	Alloimmunization in sickle cell disease: changing antibody specificities and association with chronic pain and decreased survival. Transfusion, 2015, 55, 1378-1387.	1.6	75
25	Erythrocyte Adhesion Receptors: Blood Group Antigens and Related Molecules. Transfusion Medicine Reviews, 2005, 19, 32-44.	2.0	70
26	Sickle red cells induce adhesion of lymphocytes and monocytes to endothelium. Blood, 2008, 112, 3474-3483.	1.4	68
27	Expression of the cell adhesion molecule CD44 in gastric adenocarcinomas. Human Pathology, 1994, 25, 1043-1049.	2.0	66
28	Depression, quality of life, and medical resource utilization in sickle cell disease. Blood Advances, 2017, 1, 1983-1992.	5.2	66
29	Phase 1 Study of the E-Selectin Inhibitor GMI 1070 in Patients with Sickle Cell Anemia. PLoS ONE, 2014, 9, e101301.	2.5	64
30	Impaired adenosine-5â€²-triphosphate release from red blood cells promotes their adhesion to endothelial cells: A mechanism of hypoxemia after transfusion*. Critical Care Medicine, 2011, 39, 2478-2486.	0.9	63
31	Lack of Duffy antigen expression is associated with organ damage in patients with sickle cell disease. Transfusion, 2008, 48, 917-924.	1.6	62
32	Erythrocyte plasma membraneâ€“bound ERK1/2 activation promotes ICAM-4â€“mediated sickle red cell adhesion to endothelium. Blood, 2012, 119, 1217-1227.	1.4	61
33	Principles and problems of transfusion in sickle cell disease. Seminars in Hematology, 2001, 38, 315-323.	3.4	59
34	Transfusion Management in Sickle Cell Disease. Hematology/Oncology Clinics of North America, 2005, 19, 803-826.	2.2	56
35	Role of Adhesion Molecules and Vascular Endothelium in the Pathogenesis of Sickle Cell Disease. Hematology American Society of Hematology Education Program, 2007, 2007, 84-90.	2.5	55
36	Role of Rap1 in promoting sickle red blood cell adhesion to laminin via BCAM/LU. Blood, 2005, 105, 3322-3329.	1.4	53

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37	Cellular Adhesion and the Endothelium. Hematology/Oncology Clinics of North America, 2014, 28, 341-354.	2.2	53
38	Phase 1 Study of a Sulforaphane-Containing Broccoli Sprout Homogenate for Sickle Cell Disease. PLoS ONE, 2016, 11, e0152895.	2.5	51
39	Human Erythrocyte Antigens. Vox Sanguinis, 1987, 52, 236-243.	1.5	50
40	Surgical and Obstetric Outcomes in Adults with Sickle Cell Disease. American Journal of Medicine, 2008, 121, 916-921.	1.5	48
41	Fludarabine-Based Nonmyeloablative Stem Cell Transplantation for Sickle Cell Disease with and without Renal Failure: Clinical Outcome and Pharmacokinetics. Biology of Blood and Marrow Transplantation, 2007, 13, 1422-1426.	2.0	47
42	Adhesion molecules and hydroxyurea in the pathophysiology of sickle cell disease. Haematologica, 2008, 93, 481-485.	3.5	47
43	In vivo Modeling Implicates APOL1 in Nephropathy: Evidence for Dominant Negative Effects and Epistasis under Anemic Stress. PLoS Genetics, 2015, 11, e1005349.	3.5	45
44	A Blood Group-related Polymorphism of CD44 Abolishes a Hyaluronan-binding Consensus Sequence without Preventing Hyaluronan Binding. Journal of Biological Chemistry, 1996, 271, 7147-7153.	3.4	43
45	Placenta growth factor in sickle cell disease: association with hemolysis and inflammation. Blood, 2010, 115, 2014-2020.	1.4	41
46	The Lutheran glycoprotein: a multifunctional adhesion receptor. Transfusion, 2006, 46, 668-677.	1.6	40
47	Effect of Propranolol as Antiadhesive Therapy in Sickle Cell Disease. Clinical and Translational Science, 2012, 5, 437-444.	3.1	40
48	Loss-of-function genomic variants highlight potential therapeutic targets for cardiovascular disease. Nature Communications, 2020, 11, 6417.	12.8	39
49	Sevuparin binds to multiple adhesive ligands and reduces sickle red blood cellâ€induced vasoâ€occlusion. British Journal of Haematology, 2016, 175, 935-948.	2.5	38
50	Characterization of the hypercoagulable state in patients with sickle cell disease. Thrombosis Research, 2012, 130, e241-e245.	1.7	36
51	Principles and problems of transfusion in sickle cell disease. Seminars in Hematology, 2001, 38, 315-323.	3.4	34
52	B-CAM/LU expression and the role of B-CAM/LU activation in binding of low- and high-density red cells to laminin in sickle cell disease. American Journal of Hematology, 2004, 75, 63-72.	4.1	32
53	Î²2-Adrenergic receptor and adenylate cyclase gene polymorphisms affect sickle red cell adhesion. British Journal of Haematology, 2008, 141, 105-108.	2.5	30
54	Genetic determinants of telomere length from 109,122 ancestrally diverse whole-genome sequences in TOPMed. Cell Genomics, 2022, 2, 100084.	6.5	29

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55	Clinical and metabolomic risk factors associated with rapid renal function decline in sickle cell disease. American Journal of Hematology, 2018, 93, 1451-1460.	4.1	28
56	Does Treatment with Hydroxyurea and Opioids Affect Age of Death in Sickle Cell Disease Patients?. Blood, 2008, 112, 4808-4808.	1.4	28
57	Human medullary thymocyte p80 antigen and In(Lu)-related p80 antigen reside on the same protein. Human Immunology, 1986, 17, 311-324.	2.4	26
58	Expresion of cell adhesion molecule CD44 in primary tumors of the liver: an immunohistochemical study. Liver, 1997, 17, 17-23.	0.1	26
59	Clonal hematopoiesis in sickle cell disease. Journal of Clinical Investigation, 2022, 132, .	8.2	26
60	Molecular interactions of B-CAM (basal-cell adhesion molecule) and laminin in epithelial skin cancer. Archives of Dermatological Research, 2004, 296, 59-66.	1.9	21
61	Erythrocyte webb-type glycophorin C variant lacks N-glycosylation due to an asparagine to serine substitution. American Journal of Hematology, 1991, 37, 51-52.	4.1	19
62	Sickle Erythrocytes Target Cytotoxics to Hypoxic Tumor Microvessels and Potentiate a Tumoricidal Response. PLoS ONE, 2013, 8, e52543.	2.5	18
63	Red Cell Antigens as Functional Molecules and Obstacles to Transfusion. Hematology American Society of Hematology Education Program, 2002, 2002, 445-462.	2.5	17
64	Biologic functions of blood group antigens. Current Opinion in Hematology, 1996, 3, 473-479.	2.5	15
65	A common functional PIEZO1 deletion allele associates with red blood cell density in sickle cell disease patients. American Journal of Hematology, 2018, 93, E362-E365.	4.1	15
66	Curative vs targeted therapy for SCD: does it make more sense to address the root cause than target downstream events?. Blood Advances, 2020, 4, 3457-3465.	5.2	14
67	Potential causal role of l-glutamine in sickle cell disease painful crises: A Mendelian randomization analysis. Blood Cells, Molecules, and Diseases, 2021, 86, 102504.	1.4	14
68	Location of WESbon decay-accelerating factor. Transfusion, 1995, 35, 278-278.	1.6	13
69	Pulmonary Hypertension in SS, SC and SÎ² Thalassemia: Prevalence, Associated Clinical Syndromes, and Mortality.. Blood, 2004, 104, 1663-1663.	1.4	13
70	Effects of Single Nucleotide Polymorphisms of the Î²2 Adrenergic Receptor and of Adenylate Cyclase on Sickle Red Cell Adhesion to Laminin.. Blood, 2004, 104, 3565-3565.	1.4	13
71	FT-4202, an Allosteric Activator of Pyruvate Kinase-R, Demonstrates Proof of Mechanism and Proof of Concept after a Single Dose and after Multiple Daily Doses in a Phase 1 Study of Patients with Sickle Cell Disease. Blood, 2020, 136, 19-20.	1.4	12
72	D, weak D (Du), and partial D: the molecular story unfolds. Transfusion, 1996, 36, 97-100.	1.6	11

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73	Paroxysmal cold hemoglobinuria and cardiopulmonary bypass. Annals of Thoracic Surgery, 2003, 75, 579-581.	1.3	11
74	RNA Aptamer Therapy for Vaso-Occlusion in Sickle Cell Disease. Nucleic Acid Therapeutics, 2011, 21, 275-283.	3.6	11
75	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
76	Relationship of In^b Antigen to Other Antigens on In(Lu)â€related p80¹. Vox Sanguinis, 1990, 58, 118-121.	1.5	10
77	Thrombospondinâ€1 gene polymorphism is associated with estimated pulmonary artery pressure in patients with sickle cell anemia. American Journal of Hematology, 2017, 92, E31-E34.	4.1	10
78	A multiâ€institutional comparison of younger and older adults with sickle cell disease. American Journal of Hematology, 2019, 94, E115-E117.	4.1	9
79	Nitric oxide loading reduces sickle red cell adhesion and vaso-occlusion in vivo. Blood Advances, 2019, 3, 2586-2597.	5.2	9
80	Early Initiation of Treatment with Rivipansel for Acute Vaso-Occlusive Crisis in Sickle Cell Disease (SCD) Achieves Earlier Discontinuation of IV Opioids and Shorter Hospital Stay: Reset Clinical Trial Analysis. Blood, 2020, 136, 18-19.	1.4	9
81	Sevuparin Reduces Adhesion Of Both Sickle Red Cells and Leukocytes To Endothelial Cells In Vitro and Inhibits Vaso-Occlusion In Vivo. Blood, 2013, 122, 182-182.	1.4	9
82	AN ANTIBODY TO HUMAN THYMIC HASSALL'S BODY EPITHELIUM RECOGNIZES A SUBSET OF BLOOD GROUP A ANTIGENS. International Journal of Immunogenetics, 1985, 12, 3-15.	1.2	8
83	Blood group antigens on complement receptor/regulatory proteins. Transfusion Medicine Reviews, 1995, 9, 20-28.	2.0	8
84	Developing new pharmacotherapeutic approaches to treating sickleâ€cell disease. ISBT Science Series, 2017, 12, 239-247.	1.1	8
85	Prophylactic Dose Low Molecular Weight Heparin (dalteparin) For Treatment Of Vaso-Occlusive Pain Crisis In Patients With Sickle Cell Disease. Blood, 2013, 122, 2241-2241.	1.4	8
86	Relationship of In^b Antigen to Other Antigens on In(Lu)-related p80. Vox Sanguinis, 1990, 58, 118-121.	1.5	7
87	Diversity of variant alleles encoding <scp>Kidd, Duffy, and Kell</scp> antigens in individuals with sickle cell disease using whole genome sequencing data from the <scp>NHLBI TOPMed Program</scp>. Transfusion, 2021, 61, 603-616.	1.6	7
88	GMI 1070: Reduction In Time To Resolution Of Vaso-Occlusive Crisis and Decreased Opioid Use In a Prospective, Randomized, Multi-Center Double Blind, Adaptive Phase 2 Study In Sickle Cell Disease. Blood, 2013, 122, 776-776.	1.4	7
89	Human Erythrocyte Antigens. Vox Sanguinis, 1987, 52, 236-243.	1.5	6
90	Monoclonal Antibody Recognizing a Unique Rh-Related Specificity. Vox Sanguinis, 1993, 64, 231-239.	1.5	6

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91	Genetic Polymorphisms Associated with Risk for Pulmonary Hypertension and Proteinuria in Sickle Cell Disease.. Blood, 2004, 104, 1668-1668.	1.4	6
92	GMI-1070, a Pan-Selectin Inhibitor: Safety and PK In a Phase 1/2 Study In Adults with Sickle Cell Disease. Blood, 2010, 116, 1632-1632.	1.4	6
93	Phase 1 Single (SAD) and Multiple Ascending Dose (MAD) Studies of the Safety, Tolerability, Pharmacokinetics (PK) and Pharmacodynamics (PD) of FT-4202, an Allosteric Activator of Pyruvate Kinase-R, in Healthy and Sickle Cell Disease Subjects. Blood, 2019, 134, 616-616.	1.4	6
94	Biomarkers and recent advances in the management and therapy of sickle cell disease. F1000Research, 2015, 4, 1050.	1.6	5
95	Epinephrine-Induced Sickle Red Cell Adhesion and Vaso-Occlusion In Vivo Is Inhibited by the Î²-Adrenoceptor Blocker Propranolol.. Blood, 2004, 104, 364-364.	1.4	5
96	Clinical and Genetic Profiles of the Aging Sickle Cell Patient.. Blood, 2005, 106, 75-75.	1.4	5
97	Effects of Hydroxyurea (HU) and Magnesium Pidolate (Mg) in Hemoglobin SC Disease (HbSC): the â€œCHAMPSâ€•Trial.. Blood, 2009, 114, 819-819.	1.4	5
98	A case report: IgG autoanti-N as a cause of severe autoimmune hemolytic anemia. Immunohematology, 1990, 6, 83-86.	0.2	5
99	Longitudinal study of glomerular hyperfiltration in adults with sickle cell anemia: a multicenter pooled analysis. Blood Advances, 2022, 6, 4461-4470.	5.2	5
100	Introduction of the term â€œpartial Dâ€• Transfusion, 1996, 36, 761-762.	1.6	4
101	The Relationship of Opioid Analgesia toÂQuality of Life in an Adult Sickle Cell Population. Health Outcomes Research in Medicine, 2010, 1, e29-e37.	0.6	4
102	An Adaptive, Randomized, Placebo-Controlled, Double-Blind, Multi-Center Study of Oral FT-4202, a Pyruvate Kinase Activator in Patients with Sickle Cell Disease (PRAISE). Blood, 2020, 136, 19-20.	1.4	4
103	Effect of Single Dose In Vivo Propranolol Therapy on In Vitro Adhesion of Human SS RBC.. Blood, 2006, 108, 1234-1234.	1.4	4
104	Pan-Selectin Antagonist Rivipansel (GMI-1070) Reduces Soluble E-Selectin Levels While Improving Clinical Outcomes in SCD Vaso-Occlusive Crisis. Blood, 2014, 124, 2704-2704.	1.4	4
105	Factors Related to the Progression of Sickle Cell Disease Nephropathy. Blood, 2016, 128, 9-9.	1.4	4
106	Clinical Characteristics Associated with Survival in Adult Sickle Cell Disease. Blood, 2012, 120, 3229-3229.	1.4	4
107	It really IS the red cell. Blood, 2008, 112, 459-460.	1.4	3
108	RNA sequencing of isolated cell populations expressing human APOL1 G2 risk variant reveals molecular correlates of sickle cell nephropathy in zebrafish podocytes. PLoS ONE, 2019, 14, e0217042.	2.5	3

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109	Serum albumin is independently associated with higher mortality in adult sickle cell patients: Results of three independent cohorts. PLoS ONE, 2020, 15, e0237543.	2.5	3
110	Adherence with Hydroxyurea in Children with Sickle Cell Disease. Blood, 2008, 112, 167-167.	1.4	3
111	Identification of optimal thalassemia screening strategies for migrant populations in Thailand using a qualitative approach. BMC Public Health, 2021, 21, 1796.	2.9	3
112	In Vivo Modeling Of Genetic Mechanisms Associated With Sickle Cell Disease Nephropathy. Blood, 2013, 122, 2224-2224.	1.4	3
113	Lutheran Antigens, Lutheran Regulatory Genes, and Lutheran Regulatory Gene Targets. Blood Cell Biochemistry, 1995, , 281-297.	0.3	3
114	Large-scale use of red blood cell units containing alloantibodies. Immunohematology, 2000, 16, 120-123.	0.2	3
115	Feasibility of and barriers to thalassemia screening in migrant populations: a cross-sectional study of Myanmar and Cambodian migrants in Thailand. BMC Public Health, 2021, 21, 1177.	2.9	2
116	Blocking Adhesion of Sickle Erythrocytes to Endothelial P-Selectin Using an RNA Aptamer.. Blood, 2007, 110, 147-147.	1.4	2
117	Genome-Wide Studies in Sickle Cell Anemia Show Associations Between SNPs in the Olfactory Receptor Gene Cluster and Fetal Hemoglobin Concentration.. Blood, 2009, 114, 821-821.	1.4	2
118	An Analysis Of The Pediatric Sub-Group From The Phase 2 Study Of GMI 1070 â€“ A Novel Agent For The Vaso-Occlusive Crisis Of Sickle Cell Anemia. Blood, 2013, 122, 2206-2206.	1.4	2
119	Effects Of GMI 1070, a Pan-Selectin Inhibitor, On Pain Intensity and Opioid Utilization In Sickle Cell Disease. Blood, 2013, 122, 775-775.	1.4	2
120	The Use of Genotyping in Transfusion Medicine. , 2014, 11, .		2
121	6 Minute Walk Test Outcomes in Sickle Cell Disease. Blood, 2008, 112, 4788-4788.	1.4	2
122	Knowledge, Cultural, and Structural Barriers to Thalassemia Screening in Migrant Populations in Thailand. Blood, 2018, 132, 2228-2228.	1.4	2
123	Phosphatidylinositol-linked red blood cell membrane proteins and blood group antigens. Immunohematology, 1991, 7, 37-39.	0.2	2
124	Dynamic quantitative microscopy and nanoscopy of red blood cells in sickle cell disease. Proceedings of SPIE, 2012, , .	0.8	1
125	Genome Wide Association Analysis of Iron Overload in the Trans-Omics for Precision Medicine (TOPMed) Sickle Cell Disease Cohorts. Blood, 2020, 136, 52-52.	1.4	1
126	Left Sided Heart Dysfunction in Sickle Cell Disease: Echocardiographic and Genetic Studies.. Blood, 2005, 106, 78-78.	1.4	1

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127	Use of a Computer Based Neurocognitive Software Program in Asymptomatic Neurologically Intact Adults with Sickle Cell Disease.. Blood, 2009, 114, 1524-1524.	1.4	1
128	Polymorphisms in TNFÎ± Are Associated with Cerebrovascular Events in Sickle Cell Disease.. Blood, 2009, 114, 1540-1540.	1.4	1
129	Genetic Polymorphisms in NEDD4L Are Associated with Pulmonary Hypertension of Sickle Cell Anemia.. Blood, 2009, 114, 2562-2562.	1.4	1
130	Initial Experience with the IMPROVE Trial-a Phase III Analgesic Trial for Hospitalized Sickle Cell Painful Episodes. Blood, 2010, 116, 2667-2667.	1.4	1
131	Hydroxyurea Induces Genome-Wide Epigenetic Changes In Sickle Cell Disease. Blood, 2010, 116, 2670-2670.	1.4	1
132	Sickle Red Blood Cell Induced Adhesion of Neutrophils to Endothelial Cells and Biologic Correlates of Leukocyte Activation. Blood, 2011, 118, 1055-1055.	1.4	1
133	Inflammatory Polymorphisms Link the Risk of Acute Chest Syndrome with Asthma in Adults with Sickle Cell Disease. Blood, 2011, 118, 1072-1072.	1.4	1
134	Pan-Selectin Antagonist GMI-1070 Affects Biomarkers of Adhesion, Activation and the Coagulation Cascade in Sickle Cell Adults At Steady State. Blood, 2012, 120, 87-87.	1.4	1
135	Genes Associated with Survival in Adult Sickle Cell Disease. Blood, 2014, 124, 2719-2719.	1.4	1
136	Role of LW and AKAP79 in Î²-Adrenergic Receptor Signaling-Induced Sickle Red Blood Cell Adhesion.. Blood, 2005, 106, 3181-3181.	1.4	1
137	Current Prevalence of Specific Clinical Outcomes in Adult Patients with Hb SS or Hb SÎ²0 Thalassemia.. Blood, 2006, 108, 1201-1201.	1.4	1
138	Identification of Optimal Thalassemia Screening Strategies for Migrant Populations in Thailand: A Mixed-Methods Approach. Blood, 2019, 134, 2112-2112.	1.4	1
139	Identification of the Tc^b allele of the Cromer blood group gene by PCR and RFLP analysis. Immunohematology, 1995, 11, 1-4.	0.2	1
140	Pyridoxamine: another vitamin for sickle cell disease?. Haematologica, 2020, 105, 2348-2350.	3.5	1
141	Protein Kinases Associated with Activation of Sickle Red Blood Cell Adhesion.. Blood, 2004, 104, 3567-3567.	1.4	0
142	Priapism in SCD: Clinical and Genetic Correlations.. Blood, 2005, 106, 3174-3174.	1.4	0
143	Blocking Adhesion of Sickle Erythrocytes to Endothelial Î±VÎ²3 Using RNA Aptamer.. Blood, 2006, 108, 688-688.	1.4	0
144	Innovative Drug Design Using RNA Aptamers for Various Anemias. Oncology & Hematology Review, 2007, 00, 55.	0.2	0

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145	Exploring Childhood Risk Factors That Predict End-Organ Damage in Adults with Sickle Cell Disease: The ASH Workshop on Sickle Cell Disease. , 2007, 4, .		0
146	The Effects of Chronic Opiates Pain Therapy in Sickle Cell Anemia.. Blood, 2007, 110, 3404-3404.	1.4	0
147	The Relationship of Opiate Analgesia to Quality of Life in an Adult Sickle Cell Population.. Blood, 2007, 110, 2261-2261.	1.4	0
148	Hydroxyurea Therapy Increases Expression of BCAM/LU and Adhesion to Laminin in Children with Sickle Cell Disease. Blood, 2008, 112, 4806-4806.	1.4	0
149	Erythrocyte Adhesion and Phosphatidylserine Exposure in HbSC Disease: Baseline Data from the CHAMPS Study. Blood, 2008, 112, 2478-2478.	1.4	0
150	Prolonged Survival despite High Disease Burden in Elderly (â‰¥55) Patients with Hb SS or Hb SÎ²0 Thalassemia. Blood, 2008, 112, 710-710.	1.4	0
151	Genomic Approaches to Identifying Risk for Pulmonary Artery Hypertension among Individuals with Sickle Cell Disease.. Blood, 2008, 112, 1442-1442.	1.4	0
152	Obstetric and Gynecological History in Sickle Cell Disease Females. Blood, 2008, 112, 2498-2498.	1.4	0
153	In-Hospital Outcomes Among Sickle Cell Patients with Acute Chest Syndrome: Results From a National Database.. Blood, 2009, 114, 1367-1367.	1.4	0
154	Retrospective Review of the Natural History of Pulmonary Hypertension in Sickle Cell Disease Demonstrates That Progressive Enlargement of the Left Atrium Is a Strong Predictor of Death.. Blood, 2009, 114, 1529-1529.	1.4	0
155	Comparison of Thrombin Generation of Sickle Cell Patients in Microparticle Rich and Microparticle Poor Plasma Using Thrombin Generation Assay (TGA).. Blood, 2009, 114, 2557-2557.	1.4	0
156	S-Nitrosylation of Rap1 and Relationship to Rap1 Activity and Disease Status In SCD. Blood, 2010, 116, 2662-2662.	1.4	0
157	Factors Associated with Heterocellular Aggregate Formation In Sickle Cell Disease. Blood, 2010, 116, 2669-2669.	1.4	0
158	Genetic Variation In MYH9 Is Associated with Sickle Cell Disease Nephropathy. Blood, 2010, 116, 1648-1648.	1.4	0
159	Atypical Activation of Plasma Membrane-Bound ERK1/2 Is Associated with Regulation of Sickle Red Cell Adhesion to Endothelium. Blood, 2010, 116, 266-266.	1.4	0
160	Anti-Inflammatory Markers Are Associated with Glomerular Filtration Rate In Adults with Sickle Cell Disease.. Blood, 2010, 116, 1652-1652.	1.4	0
161	Relationship of Soluble Adhesion Receptors to Red Cell Apoptosis In SCD.. Blood, 2010, 116, 1654-1654.	1.4	0
162	An Elevated Tricuspid Regurgitant Jet Velocity in Sickle Cell Disease Is Associated with Polymorphisms in Genes Impacting Innate Immunity. Blood, 2011, 118, 514-514.	1.4	0

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163	Novel Optical Signature for Sickle Cell Trait Red Blood Cells. , 2012, , .		0
164	Genetic and Epigenetic Regulation of the Gamma Globin Locus Is Associated with Fetal Hemoglobin Levels and Frequency of Pain in Sickle Cell Disease. Blood, 2012, 120, 3230-3230.	1.4	0
165	Restoring Endogenous Nitric Oxide in Sickle or Transfused Red Cells Ameliorates Adhesion and Vaso-Occlusion in Vivo. Blood, 2012, 120, 3251-3251.	1.4	0
166	Paradoxical Effects Of Tumor Necrosis Factor-Alpha On Endothelial Adhesion Of Stored Human Red Blood Cells. Blood, 2013, 122, 2399-2399.	1.4	0
167	Expression of Human Erythrocyte Membrane Protein Antigens during Erythroid Differentiation. Blood Cell Biochemistry, 1990, , 27-43.	0.3	0
168	Effects of Sulforaphane Obtained from Broccoli Sprout Homogenate in Patients with Sickle Cell Disease (SCD). Blood, 2014, 124, 4931-4931.	1.4	0
169	Genome-Wide Evaluation of Epistasis with APOL1 Risk Variants in Sickle Cell Disease Nephropathy. Blood, 2015, 126, 3401-3401.	1.4	0
170	Use of Mobile Technology to Monitor Pain and Reduce Outpatient, Emergency Department (ED), and Hospital Visits for Sickle Cell Pain Crisis. Blood, 2016, 128, 2390-2390.	1.4	0
171	GWAS Meta-Analysis of Glomerular Filtration Rate in Three Cohorts of Sickle Cell Disease Patients and In Vivo Functional Analysis Reveals Potential Nephropathy Candidate Genes. Blood, 2016, 128, 269-269.	1.4	0
172	Thrombospondin-1 Polymorphisms Are Associated with Chronic Kidney Disease in Sickle Cell Anemia. Blood, 2016, 128, 2491-2491.	1.4	0
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