Fernando Ferreira Costa

List of Publications by Year in Descending Order

383 papers	5,297 citations	36 h-index	59 g-index
390 ext. papers	6,104 ext. citations	3.7 avg, IF	5.24 L-index

#	Paper	IF	Citations
383	Up-regulation of miR-130a is related to leg ulcers in sickle cell anaemia.. *British Journal of Haematology*, **2022**,	4.5	
382	Reduced blood pressure in sickle cell disease is associated with decreased angiotensin converting enzyme (ACE) activity and is not modulated by ACE inhibition.. *PLoS ONE*, **2022**, 17, e0263424	3.7	0
381	Association of (rs2472493) and (rs9913911) gene variants with primary open-angle glaucoma in a Brazilian population.. *Molecular Vision*, **2022**, 28, 1-10	2.3	
380	Resveratrol-nitric oxide donor hybrid effect on priapism in sickle cell and nitric oxide-deficient mouse. *PLoS ONE*, **2022**, 17, e0269310	3.7	
379	Monocytes from Patients with Polycythemia Vera Express Molecules Related to Stress Erythropoiesis and Have Increased Erythrocyte Phagocytosis. *Blood*, **2021**, 138, 1466-1466	2.2	
378	Crizanlizumab Therapy Is Associated with Lower Levels of Circulating Extracellular Vesicles in Sickle Cell Disease Patients. *Blood*, **2021**, 138, 955-955	2.2	
377	Evidences of the PI5P Increasing the Expression of HBG and Gamma Globin Concentrations. *Blood*, **2021**, 138, 947-947	2.2	
376	Lymphocyte Ratios Progressively Worsen in Non-Survivors of COVID-19. *Blood*, **2021**, 138, 4196-4196	2.2	0
375	Neutralization of Inflammasome-Processed Cytokines Reduces Inflammatory Mechanisms and Leukocyte Recruitment in the Vasculature of TNF-Stimulated Sickle Cell Disease Mice. *Blood*, **2021**, 138, 856-856	2.2	0
374	LIN28B and ZBTB8B Genes Are Highly Expressed in Vitro in a CD34+ Cells Subpopulation of Thalassemia Major Patients and May be Involved in Increased HbF Production. *Blood*, **2021**, 138, 944-944	2.2	
373	Association of KLOTHO polymorphisms with clinical complications of sickle cell anemia. *Annals of Hematology*, **2021**, 100, 1921-1927	3	0
372	Benserazide as a potential novel fetal hemoglobin inducer: an observational study in non-carriers of hemoglobin disorders. *Blood Cells, Molecules, and Diseases*, **2021**, 87, 102511	2.1	5
371	"Association of gene polymorphisms with primary open angle glaucoma in Brazilian patients". *Ophthalmic Genetics*, **2021**, 42, 53-61	1.2	
370	Evaluation of polymorphisms and the risk for age-related macular degeneration in a Southeastern Brazilian population. *Experimental Biology and Medicine*, **2021**, 246, 1148-1155	3.7	1
369	Influence of UGT1A1 promoter polymorphism, thalassemia and haplotype in bilirubin levels and cholelithiasis in a large sickle cell anemia cohort. *Annals of Hematology*, **2021**, 100, 903-911	3	0
368	Alpha thalassemia, but not globin haplotypes, influence sickle cell anemia clinical outcome in a large, single-center Brazilian cohort. *Annals of Hematology*, **2021**, 100, 921-931	3	1
367	Phenotypes of STAT3 gain-of-function variant related to disruptive regulation of CXCL8/STAT3, KIT/STAT3, and IL-2/CD25/Treg axes. *Immunologic Research*, **2021**, 69, 445-456	4.3	0

366	Effect of hydroxyurea therapy on intravascular hemolysis and endothelial dysfunction markers in sickle cell anemia patients. *Annals of Hematology*, **2021**, 100, 2669-2676	3	0
365	Synthesis and pharmacological evaluation of pomalidomide derivatives useful for sickle cell disease treatment. *Bioorganic Chemistry*, **2021**, 114, 105077	5.1	0
364	Platelet counts on peripheral blood and Mean Platelet Volume as markers of clinical severity in Sickle Cell Disease. *Blood Cells, Molecules, and Diseases*, **2021**, 91, 102592	2.1	
363	Neutrophil extracellular trap regulators in sickle cell disease: Modulation of gene expression of PADI4, neutrophil elastase, and myeloperoxidase during vaso-occlusive crisis. *Research and Practice in Thrombosis and Haemostasis*, **2021**, 5, 204-210	5.1	5
362	Accelerated low-density neutrophil transition in sickle cell anaemia may contribute to disease pathophysiology.. *British Journal of Haematology*, **2021**,	4.5	0
361	Placental transcriptome profile of women with sickle cell disease reveals differentially expressed genes involved in migration, trophoblast differentiation and inflammation. *Blood Cells, Molecules, and Diseases*, **2020**, 84, 102458	2.1	1
360	High levels of proinflammatory cytokines IL-6 and IL-8 are associated with a poor clinical outcome in sickle cell anemia. *Annals of Hematology*, **2020**, 99, 947-953	3	8
359	Didox (3,4-dihydroxybenzohydroxamic acid) reduces the vascular inflammation induced by acute intravascular hemolysis. *Blood Cells, Molecules, and Diseases*, **2020**, 81, 102404	2.1	1
358	Evaluation of oxidative stress-related genetic variants for predicting stroke in patients with sickle cell anemia. *Journal of the Neurological Sciences*, **2020**, 414, 116839	3.2	2
357	Platelet Counts and Mean Platelet Volume As Markers of Clinical Severity in Sickle Cell Disease. *Blood*, **2020**, 136, 36-37	2.2	
356	Burden of Sickle Cell Disease: A Brazilian Societal Perspective Analysis. *Blood*, **2020**, 136, 10-11	2.2	
355	Haptoglobin Gene Polymorphism in Patients with Sickle Cell Anemia: Findings from a Nigerian Cohort Study. *The Application of Clinical Genetics*, **2020**, 13, 107-114	3.1	3
354	Synthesis and evaluation of resveratrol derivatives as fetal hemoglobin inducers. *Bioorganic Chemistry*, **2020**, 100, 103948	5.1	8
353	Association between ANXA2*5681 polymorphism (rs7170178) and osteonecrosis in haemoglobin SS-genotyped patients. *British Journal of Haematology*, **2020**, 188, e8-e11	4.5	1
352	CXCR4 effector neutrophils in sickle cell anemia: potential role for elevated circulating serotonin (5-HT) in CXCR4 neutrophil polarization. *Scientific Reports*, **2020**, 10, 14262	4.9	2
351	Endothelial Barrier Integrity Is Disrupted by Heme and by Serum From Sickle Cell Disease Patients. *Frontiers in Immunology*, **2020**, 11, 535147	8.4	4
350	Inflammatory Dendritic Cells Contribute to Regulate the Immune Response in Sickle Cell Disease. *Frontiers in Immunology*, **2020**, 11, 617962	8.4	
349	The challenges of handling deferasirox in sickle cell disease patients older than 40 years. *Hematology*, **2019**, 24, 596-600	2.2	3

348	Red blood cells microparticles are associated with hemolysis markers and may contribute to clinical events among sickle cell disease patients. *Annals of Hematology*, **2019**, 98, 2507-2521	3	15
347	High erythropoietin may be associated with vascular complications in patients with secondary erythrocytosis caused by high oxygen affinity variant hemoglobin Coimbra. *Blood Cells, Molecules, and Diseases*, **2019**, 79, 102353	2.1	1
346	Recombinant erythropoietin as alternative to red cell transfusion in sickle cell disease. *Vox Sanguinis*, **2019**, 114, 178-181	3.1	3
345	Echocardiografic abnormalities in patients with sickle cell/β-thalassemia do not depend on the β-thalassemia phenotype. *Hematology, Transfusion and Cell Therapy*, **2019**, 41, 158-163	1.6	1
344	S100A8 acts as an autocrine priming signal for heme-induced human M? pro-inflammatory responses in hemolytic inflammation. *Journal of Leukocyte Biology*, **2019**, 106, 35-43	6.5	4
343	Whole-exome sequencing indicates 2 variant associated with leg ulcers in Brazilian sickle cell anemia patients. *Experimental Biology and Medicine*, **2019**, 244, 932-939	3.7	3
342	Hypocholesterolemia and dysregulated production of angiopoietin-like proteins in sickle cell anemia patients. *Cytokine*, **2019**, 120, 88-91	4	1
341	Clinical relevance of heterozygosis for aceruloplasminemia. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2019**, 180, 266-271	3.5	10
340	Different morphological and gene expression profile in placentas of the same sickle cell anemia patient in pregnancies of opposite outcomes. *Experimental Biology and Medicine*, **2019**, 244, 395-403	3.7	
339	Influence of alpha thalassemia on clinical and laboratory parameters among nigerian children with sickle cell anemia. *Journal of Clinical Laboratory Analysis*, **2019**, 33, e22656	3	9
338	Uridine diphosphate glucuronosyl transferase 1A (UGT1A1) promoter polymorphism in young patients with sickle cell anaemia: report of the first cohort study from Nigeria. *BMC Medical Genetics*, **2019**, 20, 160	2.1	6
337	Effect of PDE9 inhibitor BAY 73-6691 in the contractile response of cavernosal and detrusor smooth muscle of sickle cell disease mice. *FASEB Journal*, **2019**, 33, lb407	0.9	
336	Evaluation of Markers of Intravascular Hemolysis and Endothelial Dysfunction in Sickle Cell Anemia Patients with and without Hydroxyurea Therapy. *Blood*, **2019**, 134, 4826-4826	2.2	
335	Knockdown of HNF4A Gene Increases Fetal Hemoglobin Synthesis in Hudep-2. *Blood*, **2019**, 134, 968-968	2.2	
334	Abnormal Cytokine Production By Mast Cell Cultures from Sickle Cell Anemia Patients in Response to Inflammatory Stimuli and to Co-Culture with Eosinophils. *Blood*, **2019**, 134, 3566-3566	2.2	
333	Safe Use of Hydroxyurea in Sickle Cell Disease Patients Hospitalized for Painful Vaso-Occlusive Episodes: Results of the Randomized, Open-Label Helps Study. *Blood*, **2019**, 134, 2303-2303	2.2	1
332	Anti-Inflammatory Effects of Hydroxyurea in a Murine Model of Chronic Intravascular Hemolysis. *Blood*, **2019**, 134, 2263-2263	2.2	1
331	Sickle Cell Disease Patients Have Altered Number and Function of Dendritic Cells. *Blood*, **2019**, 134, 3569-3569	2.2	

330	Attenuation of TNF-induced neutrophil adhesion by simvastatin is associated with the inhibition of Rho-GTPase activity, p50 activity and morphological changes. *International Immunopharmacology*, **2018**, 58, 160-165	5.8	3
329	Sickle cell disease. *Nature Reviews Disease Primers*, **2018**, 4, 18010	51.1	373
328	Interleukin-6 G-174C polymorphism predicts higher risk of stroke in sickle cell anaemia. *British Journal of Haematology*, **2018**, 182, 294-297	4.5	
327	TNF induces neutrophil adhesion via formin-dependent cytoskeletal reorganization and activation of β2integrin function. *Journal of Leukocyte Biology*, **2018**, 103, 87-98	6.5	15
326	Benserazide As a Novel Fetal Hemoglobin Inducer: An Observational Study in Non-Carriers of Hemoglobin Disorders. *Blood*, **2018**, 132, 2345-2345	2.2	1
325	Fasudil, a ROCK inhibitor, attenuates endotelial-leukocyte interaction in sickle cell transgenic mice. *FASEB Journal*, **2018**, 32, lb621	0.9	
324	TNF-Induced Vaso-Occlusive and Inflammatory Processes in Mice with Sickle Cell Anemia Are Abrogated By the Platelet Activation Inhibitor, Prasugrel. *Blood*, **2018**, 132, 2354-2354	2.2	
323	A Single -195 C Blood, **2018**, 132, 3481-3481	2.2	
322	Acute Hemolysis Induces Pro-Angiogenic Molecule Production and Neovascularization In Vivo. *Blood*, **2018**, 132, 3608-3608	2.2	
321	Exome Sequencing of Extreme Phenotypes Suggests Novel Candidate Genes As Modifiers of Leg Ulcer in Sickle Cell Anemia. *Blood*, **2018**, 132, 2351-2351	2.2	0
320	Combined Administration of Recombinant TGF-β1 and DMSO Decreases the in Vitro Inflammatory Properties of Neutrophils from Sickle Cell Anemia Individuals. *Blood*, **2018**, 132, 2366-2366	2.2	
319	Heme Induces Significant Neutrophil Adhesion in Vitro Via an NfκB-Dependent Pathway. *Blood*, **2018**, 132, 3610-3610	2.2	0
318	CRISPR/Cas9 Unsettle PIP4K2A and □□and □Globin Genes Expression. *Blood*, **2018**, 132, 2317-2317	2.2	
317	Aceruloplasminemia and Paroxysmal Nocturnal Hemoglobinuria Uncover Differential Expressions of Ceruloplasmin and Ferroportin in Immune Cells. *Blood*, **2018**, 132, 4895-4895	2.2	
316	Proliferative Sickle Cell Retinopathy in SS and SC Hemoglobinopathies: Identification of New Candidate Genes. *Blood*, **2018**, 132, 2368-2368	2.2	
315	Elevated Levels of Hepatokine Angiopoietin-like 3 Correlate Paradoxically with Hypocholesterolemia and Hemolysis in Sickle Cell Anemia. *Blood*, **2018**, 132, 1069-1069	2.2	
314	Functional Analysis of the FOXO3 Gene on the Induction of Fetal Hemoglobin in K562 Cells. *Blood*, **2018**, 132, 2390-2390	2.2	
313	Intravascular Hemolysis Leads to Priapism Phenotype: Experimental Evidence. *Blood*, **2018**, 132, 1076-1076	2.2	

312	The Ribonucleotide Reductase Inhibitor, Didox, Reduces the In Vivo Vascular Inflammation and Oxidative Stress Induced By Acute Hemolysis. *Blood*, **2018**, 132, 1034-1034	2.2	
311	Glomerular Hypertrophy and Alterations in Renin-Angiotensin System Activation Are Associated with Diminished Systemic Blood Pressure in Aging Mice with Sickle Cell Anemia. *Blood*, **2018**, 132, 2362-2362	2.2	1
310	Crosstalk between Mast Cells and Eosinophils Can Contribute to Pathophysiology of Sickle Cell Anemia. *Blood*, **2018**, 132, 1070-1070	2.2	1
309	Functional Properties of Hb S and Hb C in Stored Cpda-1 Red Blood Cells Concentrate □a Prospective Study. *Blood*, **2018**, 132, 2548-2548	2.2	
308	A thalidomide-hydroxyurea hybrid increases HbF production in sickle cell mice and reduces the release of proinflammatory cytokines in cultured monocytes. *Experimental Hematology*, **2018**, 58, 35-38	3.1	6
307	Differences in heme and hemopexin content in lipoproteins from patients with sickle cell disease. *Journal of Clinical Lipidology*, **2018**, 12, 1532-1538	4.9	9
306	Impairment of Nitric Oxide Pathway by Intravascular Hemolysis Plays a Major Role in Mice Esophageal Hypercontractility: Reversion by Soluble Guanylyl Cyclase Stimulator. *Journal of Pharmacology and Experimental Therapeutics*, **2018**, 367, 194-202	4.7	2
305	Thalassemia major phenotype caused by HB Z□ich-Albisrieden [□ 59(E8) Gly´>´Arg (HBA2:C.178G´>´C)] in a Brazilian child. *Pediatric Blood and Cancer*, **2018**, 65, e27413	3	5
304	Discovery of phenylsulfonylfuroxan derivatives as gamma globin inducers by histone acetylation. *European Journal of Medicinal Chemistry*, **2018**, 154, 341-353	6.8	7
303	Association of plasma CD40L with acute chest syndrome in sickle cell anemia. *Cytokine*, **2017**, 97, 104-107	4	21
302	Stathmin 1 expression in plasma cell neoplasms. *Revista Brasileira De Hematologia E Hemoterapia*, **2017**, 39, 183-185		
301	Telomere length correlates with disease severity and inflammation in sickle cell disease. *Revista Brasileira De Hematologia E Hemoterapia*, **2017**, 39, 140-145		7
300	Deferasirox associated with liver failure and death in a sickle cell anemia patient homozygous for the -1774delG polymorphism in the gene. *Clinical Case Reports (discontinued)*, **2017**, 5, 1218-1221	0.7	5
299	Coinheritance of Hb Bristol-Alesha [□7(E11)Val->Met; HBB: c.202G>A] and the □12 Patchwork Allele in a Brazilian Child with Severe Congenital Hemolytic Anemia. *Hemoglobin*, **2017**, 41, 203-208	0.6	2
298	Featured Article: Modulation of fetal hemoglobin in hereditary persistence of fetal hemoglobin deletion type-2, compared to Sicilian □thalassemia, by BCL11A and SOX6-targeting microRNAs. *Experimental Biology and Medicine*, **2017**, 242, 267-274	3.7	6
297	Red blood cell alloimmunization in patients with sickle cell disease: correlation with HLA and cytokine gene polymorphisms. *Transfusion*, **2017**, 57, 379-389	2.9	36
296	Rare □-thalassemia deletions detected by MLPA in five unrelated Brazilian patients. *Genetics and Molecular Biology*, **2017**, 40, 768-773	2	6
295	Tissue factor-dependent coagulation activation by heme: A thromboelastometry study. *PLoS ONE*, **2017**, 12, e0176505	3.7	13

294	PADI4 Gene Polymorphism As a Risk Factor for Acute Chest Syndrome in Sickle Cell Anemia Patients. *Blood*, **2017**, 130, 954-954	2.2	1
293	Echocardiografic Abnormalities in Patients with Sickle Cell/β-Thalassemia Do Not Depend on the β-Thalassemia Phenotype. *Blood*, **2017**, 130, 987-987	2.2	
292	Rock Inhibitor Fasudil Reduces Leukocyte-Endothelium Interactions in the Microvasculature of a Sickle Cell Mouse Model of Allergic Inflammation. *Blood*, **2017**, 130, 961-961	2.2	
291	Beneficial Effect of the Nitric Oxide Donor Compound 3-(1,3-Dioxoisoindolin-2-yl)Benzyl Nitrate on Dysregulated Phosphodiesterase 5, NADPH Oxidase, and Nitrosative Stress in the Sickle Cell Mouse Penis: Implication for Priapism Treatment. *Journal of Pharmacology and Experimental Therapeutics*, **2016**, 359, 230-237	4.7	19
290	Abnormal expression of inflammatory genes in placentas of women with sickle cell anemia and sickle hemoglobin C disease. *Annals of Hematology*, **2016**, 95, 1859-67	3	6
289	A novel mechanism of NPM1 cytoplasmic localization in acute myeloid leukemia: the recurrent gene fusion NPM1-HAUS1. *Haematologica*, **2016**, 101, e287-90	6.6	9
288	Sickle cell/β-thalassemia: Comparison of SBen and SBrazilian patients followed at a single institution. *Hematology*, **2016**, 21, 623-629	2.2	9
287	Low Ten-eleven-translocation 2 (TET2) transcript level is independent of TET2 mutation in patients with myeloid neoplasms. *Diagnostic Pathology*, **2016**, 11, 28	3	10
286	Interactions of sickle red blood cells with neutrophils are stabilized on endothelial cell layers. *Blood Cells, Molecules, and Diseases*, **2016**, 56, 38-40	2.1	1
285	Heme Induces NLRP3 Inflammasome Formation in Primary Human Macrophages and May Propagate Hemolytic Inflammatory Processes By Inducing S100A8 Expression. *Blood*, **2016**, 128, 1256-1256	2.2	3
284	Deferasirox Associated to Liver Failure and Death in a Sickle Cell Anemia Patient Homozygous for the -1774delG Polymorphism in the ABCC2 Gene Encoding Multidrug Resistance Protein 2 (MRP2). *Blood*, **2016**, 128, 4822-4822	2.2	1
283	Inflammasome-Dependent IL-1β Release from Neutrophils in Human Sickle Cell Anemia. *Blood*, **2016**, 128, 854-854	2.2	3
282	Sympathetic Hyperactivity, Increased Tyrosine Hydroxylase and Exaggerated Corpus Cavernosum Relaxations Associated with Oxidative Stress Plays a Major Role in the Penis Dysfunction in Townes Sickle Cell Mouse. *PLoS ONE*, **2016**, 11, e0166291	3.7	9
281	IRS2 silencing increases apoptosis and potentiates the effects of ruxolitinib in JAK2V617F-positive myeloproliferative neoplasms. *Oncotarget*, **2016**, 7, 6948-59	3.3	12
280	Clinically relevant RHD-CE genotypes in patients with sickle cell disease and in African Brazilian donors. *Blood Transfusion*, **2016**, 14, 449-54	3.6	10
279	Modulation of Hemolytic and Hemoglobin/Heme Scavenging Profiles in Sickle Cell Anemia, Hereditary Spherocytosis and Paroxysmal Nocturnal Hemoglobinuria. *Blood*, **2016**, 128, 1257-1257	2.2	
278	Treatment with a New Nitric Oxide Donor, a Hybrid Derived from Thalidomide and Hydroxycarbamide 3-(1,3-dioxoisoindolin-2-yl)Benzyl Nitrate, Reverses Priapism in the Sickle Cell Mouse and the Nitric Oxide-Deficient Mouse. *Blood*, **2016**, 128, 3634-3634	2.2	
277	Expanding the Knowledge on Lignocellulolytic and Redox Enzymes of Worker and Soldier Castes from the Lower Termite. *Frontiers in Microbiology*, **2016**, 7, 1518	5.7	20

276	Clinical Manifestations and Treatment of Adult Sickle Cell Disease **2016**, 285-318		4
275	Reduced rate of sickle-related complications in Brazilian patients carrying HbF-promoting alleles at the BCL11A and HMIP-2 loci. *British Journal of Haematology*, **2016**, 173, 456-60	4.5	20
274	LDH and age are associated with hemolysis-endothelial dysfunction in HbSC patients. *Blood Cells, Molecules, and Diseases*, **2016**, 59, 119-23	2.1	
273	A randomized trial of amlodipine in addition to standard chelation therapy in patients with thalassemia major. *Blood*, **2016**, 128, 1555-61	2.2	32
272	Differential profile of PIP4K2A expression in hematological malignancies. *Blood Cells, Molecules, and Diseases*, **2015**, 55, 228-35	2.1	5
271	Investigating alpha-globin structural variants: a retrospective review of 135,000 Brazilian individuals. *Revista Brasileira De Hematologia E Hemoterapia*, **2015**, 37, 103-8		2
270	Molecular effects of the phosphatidylinositol-3-kinase inhibitor NVP-BKM120 on T and B-cell acute lymphoblastic leukaemia. *European Journal of Cancer*, **2015**, 51, 2076-85	7.5	17
269	Somatic mutations of calreticulin in a Brazilian cohort of patients with myeloproliferative neoplasms. *Revista Brasileira De Hematologia E Hemoterapia*, **2015**, 37, 211-4		2
268	Key endothelial cell angiogenic mechanisms are stimulated by the circulating milieu in sickle cell disease and attenuated by hydroxyurea. *Haematologica*, **2015**, 100, 730-9	6.6	27
267	Role of innate immunity-triggered pathways in the pathogenesis of Sickle Cell Disease: a meta-analysis of gene expression studies. *Scientific Reports*, **2015**, 5, 17822	4.9	29
266	Identification of ANLN as ETV6 partner gene in recurrent t(7;12)(p15;p13): a possible role of deregulated ANLN expression in leukemogenesis. *Molecular Cancer*, **2015**, 14, 197	42.1	1
265	Acute hemolytic vascular inflammatory processes are prevented by nitric oxide replacement or a single dose of hydroxyurea. *Blood*, **2015**, 126, 711-20	2.2	59
264	In vitro microfluidic model for the study of vaso-occlusive processes. *Experimental Hematology*, **2015**, 43, 223-8	3.1	21
263	Elevated hypercoagulability markers in hemoglobin SC disease. *Haematologica*, **2015**, 100, 466-71	6.6	22
262	ANKHD1 silencing inhibits Stathmin 1 activity, cell proliferation and migration of leukemia cells. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **2015**, 1853, 583-93	4.9	17
261	Ten-eleven-translocation 2 (TET2) is downregulated in myelodysplastic syndromes. *European Journal of Haematology*, **2015**, 94, 413-8	3.8	17
260	Pluripotent stem cells reveal erythroid-specific activities of the GATA1 N-terminus. *Journal of Clinical Investigation*, **2015**, 125, 993-1005	15.9	43
259	miRNA-146a, miRNA-203a, and miRNA-223 Modulate Inflammatory Response in LPS- Acute Lung Injury in Sickle Cell Transgenic Mice. *Blood*, **2015**, 126, 3390-3390	2.2	6

258	Urinary Bladder Dysfunction in Transgenic Sickle Cell Disease Mice. *PLoS ONE*, **2015**, 10, e0133996	3.7	10
257	Association of Nitric Oxide Synthase and Matrix Metalloprotease Single Nucleotide Polymorphisms with Preeclampsia and Its Complications. *PLoS ONE*, **2015**, 10, e0136693	3.7	17
256	Stathmin 1 inhibition amplifies ruxolitinib-induced apoptosis in JAK2V617F cells. *Oncotarget*, **2015**, 6, 29573-84	3.3	16
255	Generation of Non-Deletional Hereditary Persistence of Fetal Hemoglobin (HPFH) Beta-Yac Transgenic Mouse Models: -175 Black HPFH and -195 Brazilian HPFH. *Blood*, **2015**, 126, 3377-3377	2.2	
254	Oxidative Stress Contributes to Overactive Bladder in the Transgenic Sickle Cell Mouse. *Blood*, **2015**, 126, 4582-4582	2.2	
253	Circulating Lipoprotein Concentrations Correlate with Total but Not Free Heme in Different Sickle Cell Disease Genotypes. *Blood*, **2015**, 126, 4580-4580	2.2	
252	A Meta-Analysis of Gene Expression Studies Highlights the Role of Innate Immunity in the Pathogenesis of Sickle Cell Disease and Reveals Novel Potential Regulators at the Transcriptomic Level. *Blood*, **2015**, 126, 4578-4578	2.2	
251	Hypersegmented Neutrophil Percentage Using Automated Digital Cell Morphology: A Simple Laboratory Parameter to Monitor Hydroxyurea Therapy in Sickle Cell Disease Patients. *Blood*, **2015**, 126, 2188-2188	2.2	
250	A New and Extensive □ Deletion in a Brazilian Patient with Hb H Disease. *Blood*, **2015**, 126, 2160-2160	2.2	
249	Stathmin 1 is involved in the highly proliferative phenotype of high-risk myelodysplastic syndromes and acute leukemia cells. *Leukemia Research*, **2014**, 38, 251-7	2.7	25
248	Erythropoiesis-driven regulation of hepcidin in human red cell disorders is better reflected through concentrations of soluble transferrin receptor rather than growth differentiation factor 15. *American Journal of Hematology*, **2014**, 89, 385-90	7.1	19
247	Reduced plasma angiotensin II levels are reversed by hydroxyurea treatment in mice with sickle cell disease. *Life Sciences*, **2014**, 117, 7-12	6.8	6
246	Familial systemic mastocytosis with germline KIT K509I mutation is sensitive to treatment with imatinib, dasatinib and PKC412. *Leukemia Research*, **2014**, 38, 1245-51	2.7	38
245	Influence of the □ haplotype and □thalassemia on stroke development in a Brazilian population with sickle cell anaemia. *Annals of Hematology*, **2014**, 93, 1123-9	3	24
244	PIPKII□s widely expressed in hematopoietic-derived cells and may play a role in the expression of alpha- and gamma-globins in K562 cells. *Molecular and Cellular Biochemistry*, **2014**, 393, 145-53	4.2	2
243	In vitro and in vivo anti-angiogenic effects of hydroxyurea. *Microvascular Research*, **2014**, 94, 106-13	3.7	28
242	Prominent role of platelets in the formation of circulating neutrophil-red cell heterocellular aggregates in sickle cell anemia. *Haematologica*, **2014**, 99, e214-7	6.6	26
241	Protein-coding genes and long noncoding RNAs are differentially expressed in dasatinib-treated chronic myeloid leukemia patients with resistance to imatinib. *Hematology*, **2014**, 19, 31-41	2.2	12

240	The CCR5Δ32 polymorphism in Brazilian patients with sickle cell disease. *Disease Markers*, **2014**, 2014, 678246	3.2	5
239	Hydroxycarbamide reduces eosinophil adhesion and degranulation in sickle cell anaemia patients. *British Journal of Haematology*, **2014**, 164, 286-95	4.5	14
238	Endothelial activation by platelets from sickle cell anemia patients. *PLoS ONE*, **2014**, 9, e89012	3.7	30
237	FMNL1 promotes proliferation and migration of leukemia cells. *Journal of Leukocyte Biology*, **2013**, 94, 503-12	6.5	32
236	Viability of umbilical cord blood mononuclear cell subsets until 96 hours after collection. *Transfusion*, **2013**, 53, 2034-42	2.9	11
235	Polymorphism in the HMOX1 gene is associated with high levels of fetal hemoglobin in Brazilian patients with sickle cell anemia. *Hemoglobin*, **2013**, 37, 315-24	0.6	8
234	Simvastatin abrogates inflamed neutrophil adhesive properties, in association with the inhibition of Mac-1 integrin expression and modulation of Rho kinase activity. *Inflammation Research*, **2013**, 62, 127-32	2.2	16
233	Increased adhesive and inflammatory properties in blood outgrowth endothelial cells from sickle cell anemia patients. *Microvascular Research*, **2013**, 90, 173-9	3.7	17
232	Altered red cell and platelet adhesion in hemolytic diseases: Hereditary spherocytosis, paroxysmal nocturnal hemoglobinuria and sickle cell disease. *Clinical Biochemistry*, **2013**, 46, 1798-803	3.5	17
231	Brain Perfusion Impairment in Neurologically Asymptomatic Adult Patients with Sickle-Cell Disease Shown by Voxel-Based Analysis of SPECT Images. *Frontiers in Neurology*, **2013**, 4, 207	4.1	6
230	HPFH and Delta-Beta Thalassemia Have Different Profiles Of Micrornas and Transcription Factors. *Blood*, **2013**, 122, 186-186	2.2	2
229	Familial Mastocytosis: Identification Of KIT K509I Mutation and Its In Vitro Sensitivity To Imatinib, Dasatinib and PKC412. *Blood*, **2013**, 122, 5267-5267	2.2	2
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