Stefano Rivella

List of Publications by Year
in descending order

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220	11,366	34016	31759
papers	citations	52 h-index	101 g-index

226	226	226	11204
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identification of erythroferrone as an erythroid regulator of iron metabolism. Nature Genetics, 2014, 46, 678-684.	9.4	890
2	Identification of a novel X-linked gene responsible for Emery-Dreifuss muscular dystrophy. Nature Genetics, 1994, 8, 323-327.	9.4	857
3	A Red Carpet for Iron Metabolism. Cell, 2017, 168, 344-361.	13.5	847
4	Therapeutic haemoglobin synthesis in Î²-thalassaemic mice expressing lentivirus-encoded human Î²-globin. Nature, 2000, 406, 82-86.	13.7	581
5	Reactivation of Developmentally Silenced Globin Genes by Forced Chromatin Looping. Cell, 2014, 158, 849-860.	13.5	370
6	Ineffective erythropoiesis in Î²-thalassemia is characterized by increased iron absorption mediated by down-regulation of hepcidin and up-regulation of ferroportin. Blood, 2007, 109, 5027-5035.	0.6	277
7	Targeting iron metabolism in drug discovery and delivery. Nature Reviews Drug Discovery, 2017, 16, 400-423.	21.5	258
8	Unexpected expression of Î±- and Î²-globin in mesencephalic dopaminergic neurons and glial cells. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 15454-15459.	3.3	240
9	Non-transfusion-dependent thalassemias. Haematologica, 2013, 98, 833-844.	1.7	231
10	Structure-function analysis of ferroportin defines the binding site and an alternative mechanism of action of hepcidin. Blood, 2018, 131, 899-910.	0.6	230
11	A novel murine model of Cooley anemia and its rescue by lentiviral-mediated human Î²-globin gene transfer. Blood, 2003, 101, 2932-2939.	0.6	211
12	Macrophages support pathological erythropoiesis in polycythemia vera and Î²-thalassemia. Nature Medicine, 2013, 19, 437-445.	15.2	202
13	Hepcidin as a therapeutic tool to limit iron overload and improve anemia in Î²-thalassemic mice. Journal of Clinical Investigation, 2010, 120, 4466-4477.	3.9	202
14	The cHS4 Insulator Increases the Probability of Retroviral Expression at Random Chromosomal Integration Sites. Journal of Virology, 2000, 74, 4679-4687.	1.5	198
15	Reducing TMPRSS6 ameliorates hemochromatosis and Î²-thalassemia in mice. Journal of Clinical Investigation, 2013, 123, 1531-1541.	3.9	196
16	Î²-thalassemia: a model for elucidating the dynamic regulation of ineffective erythropoiesis and iron metabolism. Blood, 2011, 118, 4321-4330.	0.6	168
17	Successful treatment of murine Î²-thalassemia intermedia by transfer of the human Î²-globin gene. Blood, 2002, 99, 1902-1908.	0.6	159
18	Iron and Reactive Oxygen Species: Friends or Foes of Cancer Cells?. Antioxidants and Redox Signaling, 2014, 20, 1917-1924.	2.5	154

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19	Decreased differentiation of erythroid cells exacerbates ineffective erythropoiesis in Î²-thalassemia. Blood, 2008, 112, 875-885.	0.6	146
20	Recommendations regarding splenectomy in hereditary hemolytic anemias. Haematologica, 2017, 102, 1304-1313.	1.7	138
21	Ineffective erythropoiesis and thalassemias. Current Opinion in Hematology, 2009, 16, 187-194.	1.2	133
22	Minihepcidin peptides as disease modifiers in mice affected by Î²-thalassemia and polycythemia vera. Blood, 2016, 128, 265-276.	0.6	123
23	FGF-23 Is a Negative Regulator of Prenatal and Postnatal Erythropoiesis. Journal of Biological Chemistry, 2014, 289, 9795-9810.	1.6	114
24	Modified activin receptor IIB ligand trap mitigates ineffective erythropoiesis and disease complications in murine Î²-thalassemia. Blood, 2014, 123, 3864-3872.	0.6	114
25	Identification and Characterization of Small Molecules That Inhibit Nonsense-Mediated RNA Decay and Suppress Nonsense p53 Mutations. Cancer Research, 2014, 74, 3104-3113.	0.4	110
26	The role of ineffective erythropoiesis in non-transfusion-dependent thalassemia. Blood Reviews, 2012, 26, S12-S15.	2.8	109
27	The murine growth differentiation factor 15 is not essential for systemic iron homeostasis in phlebotomized mice. Haematologica, 2013, 98, 444-447.	1.7	95
28	Decreased hepcidin mRNA expression in thalassemic mice. British Journal of Haematology, 2004, 124, 123-124.	1.2	91
29	Â-thalassemias: paradigmatic diseases for scientific discoveries and development of innovative therapies. Haematologica, 2015, 100, 418-430.	1.7	91
30	Hepcidin agonists as therapeutic tools. Blood, 2018, 131, 1790-1794.	0.6	91
31	Red Blood Cells Homeostatically Bind Mitochondrial DNA through TLR9 to Maintain Quiescence and to Prevent Lung Injury. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 470-480.	2.5	90
32	DNA binding to TLR9 expressed by red blood cells promotes innate immune activation and anemia. Science Translational Medicine, 2021, 13, eabj1008.	5.8	90
33	Myeloid Cell-Derived Hypoxia-Inducible Factor Attenuates Inflammation in Unilateral Ureteral Obstruction-Induced Kidney Injury. Journal of Immunology, 2012, 188, 5106-5115.	0.4	86
34	Inhibition of fibroblast growth factor 23 (FGF23) signaling rescues renal anemia. FASEB Journal, 2018, 32, 3752-3764.	0.2	85
35	Genetic treatment of severe hemoglobinopathies: the combat against transgene variegation and transgene silencing. Seminars in Hematology, 1998, 35, 112-25.	1.8	84
36	Distinct roles for hepcidin and interleukin-6 in the recovery from anemia in mice injected with heat-killed Brucella abortus. Blood, 2014, 123, 1137-1145.	0.6	83

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37	Anemia, Ineffective Erythropoiesis, and Hepcidin: Interacting Factors in Abnormal Iron Metabolism Leading to Iron Overload in Î²-Thalassemia. Hematology/Oncology Clinics of North America, 2010, 24, 1089-1107.	0.9	81
38	Intestinal HIF2Î± promotes tissue-iron accumulation in disorders of iron overload with anemia. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E4922-30.	3.3	81
39	Cancer cells with irons in the fire. Free Radical Biology and Medicine, 2015, 79, 337-342.	1.3	79
40	Therapeutic Hemoglobin Levels after Gene Transfer in Î²-Thalassemia Mice and in Hematopoietic Cells of Î²-Thalassemia and Sickle Cells Disease Patients. PLoS ONE, 2012, 7, e32345.	1.1	78
41	Role of Iron in Inducing Oxidative Stress in Thalassemia: Can It Be Prevented by Inhibition of Absorption and by Antioxidants?. Annals of the New York Academy of Sciences, 2005, 1054, 118-123.	1.8	76
42	Recent trends in the gene therapy of β-thalassemia. Journal of Blood Medicine, 2015, 6, 69.	0.7	76
43	Mapping of two genes encoding isoforms of the actin binding protein ABP-280, a dystrophin like protein, to Xq28 and to chromosome 7. Human Molecular Genetics, 1993, 2, 761-766.	1.4	73
44	Downregulation of hepcidin and haemojuvelin expression in the hepatocyte cell-line HepG2 induced by thalassaemic sera. British Journal of Haematology, 2006, 135, 129-138.	1.2	73
45	FOXO3â€mTOR metabolic cooperation in the regulation of erythroid cell maturation and homeostasis. American Journal of Hematology, 2014, 89, 954-963.	2.0	73
46	Forced chromatin looping raises fetal hemoglobin in adult sickle cells to higher levels than pharmacologic inducers. Blood, 2016, 128, 1139-1143.	0.6	69
47	Iron metabolism under conditions of ineffective erythropoiesis in Î²-thalassemia. Blood, 2019, 133, 51-58.	0.6	68
48	Transcriptional organization of a 450-kb region of the human X chromosome in Xq28. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 10977-10981.	3.3	67
49	The European Hematology Association Roadmap for European Hematology Research: a consensus document. Haematologica, 2016, 101, 115-208.	1.7	67
50	mRNA expression of iron regulatory genes in Î²-thalassemia intermedia and Î²-thalassemia major mouse models. American Journal of Hematology, 2006, 81, 479-483.	2.0	65
51	Combination of Tmprss6- ASO and the iron chelator deferiprone improves erythropoiesis and reduces iron overload in a mouse model of beta-thalassemia intermedia. Haematologica, 2016, 101, e8-e11.	1.7	62
52	-Thalassemia: HiJAKing Ineffective Erythropoiesis and Iron Overload. Advances in Hematology, 2010, 2010, 1-7.	0.6	60
53	Lack of Gdf11 does not improve anemia or prevent the activity of RAP-536 in a mouse model of Î²-thalassemia. Blood, 2019, 134, 568-572.	0.6	56
54	Hepcidin inhibits Smad3 phosphorylation in hepatic stellate cells by impeding ferroportin-mediated regulation of Akt. Nature Communications, 2016, 7, 13817.	5.8	54

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55	Ineffective Erythropoiesis: Anemia and Iron Overload. Hematology/Oncology Clinics of North America, 2018, 32, 213-221.	0.9	54
56	Decreasing TfR1 expression reverses anemia and hepcidin suppression in Î²-thalassemic mice. Blood, 2017, 129, 1514-1526.	0.6	52
57	Gene therapy of hemoglobinopathies: progress and future challenges. Human Molecular Genetics, 2019, 28, R24-R30.	1.4	51
58	Therapeutic Options for Patients with Severe Î²-Thalassemia: The Need for Globin Gene Therapy. Human Gene Therapy, 2007, 18, 1-9.	1.4	48
59	HMGB1 Mediates Anemia of Inflammation in Murine Sepsis Survivors. Molecular Medicine, 2015, 21, 951-958.	1.9	45
60	Hepcidin is regulated by promoter-associated histone acetylation and HDAC3. Nature Communications, 2017, 8, 403.	5.8	45
61	Efficacy and safety of ruxolitinib in regularly transfused patients with thalassemia: results from a phase 2a study. Blood, 2018, 131, 263-265.	0.6	45
62	Methylation and sequence analysis around Eagi sites: identification of 28 new CpG islands in XQ24-XQ28. Nucleic Acids Research, 1992, 20, 727-733.	6.5	44
63	Isolation of new genes in distal Xq28: transcriptional map and identification of a human homologue of the ARD1 N-acetyl transferase of Saccharomyces cerevisiae. Human Molecular Genetics, 1994, 3, 1061-1067.	1.4	44
64	What can we learn from ineffective erythropoiesis in thalassemia?. Blood Reviews, 2018, 32, 130-143.	2.8	43
65	Enhanced erythropoiesis in Hfe-KO mice indicates a role for Hfe in the modulation of erythroid iron homeostasis. Blood, 2011, 117, 1379-1389.	0.6	42
66	Gene therapy for hemoglobinopathies: progress and challenges. Translational Research, 2013, 161, 293-306.	2.2	40
67	Lack of hepcidin ameliorates anemia and improves growth in an adenine-induced mouse model of chronic kidney disease. American Journal of Physiology - Renal Physiology, 2016, 311, F877-F889.	1.3	40
68	Isocitrate ameliorates anemia by suppressing the erythroid iron restriction response. Journal of Clinical Investigation, 2013, 123, 3614-3623.	3.9	38
69	Minihepcidins improve ineffective erythropoiesis and splenomegaly in a new mouse model of adult Î²-thalassemia major. Haematologica, 2020, 105, 1835-1844.	1.7	37
70	Progress Toward the Genetic Treatment of the Î²-Thalassemias. Annals of the New York Academy of Sciences, 2005, 1054, 78-91.	1.8	36
71	Lobe specificity of iron binding to transferrin modulates murine erythropoiesis and iron homeostasis. Blood, 2019, 134, 1373-1384.	0.6	36
72	Interleukin-6 Contributes to the Development of Anemia in Juvenile CKD. Kidney International Reports, 2019, 4, 470-483.	0.4	36

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73	Intestine-specific Disruption of Hypoxia-inducible Factor (HIF)-2Î± Improves Anemia in Sickle Cell Disease. Journal of Biological Chemistry, 2015, 290, 23523-23527.	1.6	35
74	Correcting Î²-thalassemia by combined therapies that restrict iron and modulate erythropoietin activity. Blood, 2020, 136, 1968-1979.	0.6	33
75	Tropomodulin 1 controls erythroblast enucleation via regulation of F-actin in the enucleosome. Blood, 2017, 130, 1144-1155.	0.6	31
76	Production of Î²â€globin and adult hemoglobin following G418 treatment of erythroid precursor cells from homozygous Î²⁰39 thalassemia patients. American Journal of Hematology, 2009, 84, 720-728.	2.0	30
77	Short-term administration of JAK2 inhibitors reduces splenomegaly in mouse models of Î²-thalassemia intermedia and major. Haematologica, 2018, 103, e46-e49.	1.7	29
78	Id1 Represses Osteoclast-Dependent Transcription and Affects Bone Formation and Hematopoiesis. PLoS ONE, 2009, 4, e7955.	1.1	29
79	Changes in Bone Microarchitecture and Biomechanical Properties in the th3 Thalassemia Mouse are Associated with Decreased Bone Turnover and Occur During the Period of Bone Accrual. Calcified Tissue International, 2010, 86, 484-494.	1.5	28
80	Revisiting the nonâ€transfusionâ€dependent (NTDT) vs. transfusionâ€dependent (TDT) thalassemia classification 10 years later. American Journal of Hematology, 2021, 96, E54-E56.	2.0	28
81	Regulation of Iron Absorption in Hemoglobinopathies. Current Molecular Medicine, 2008, 8, 646-662.	0.6	27
82	Decreased hepcidin expression in murine Î²-thalassemia is associated with suppression of Bmp/Smad signaling. Blood, 2012, 119, 3187-3189.	0.6	27
83	A validated cellular biobank for Î²-thalassemia. Journal of Translational Medicine, 2016, 14, 255.	1.8	25
84	Probes for CpG islands on the distal long arm of the human X chromosome are clustered in Xq24 and Xq28. Genomics, 1990, 8, 664-670.	1.3	24
85	Modulators of Erythropoiesis. Hematology/Oncology Clinics of North America, 2014, 28, 375-386.	0.9	24
86	Future alternative therapies for Î²-thalassemia. Expert Review of Hematology, 2009, 2, 685-697.	1.0	23
87	Gene Therapy for Beta-Hemoglobinopathies: Milestones, New Therapies and Challenges. Molecular Diagnosis and Therapy, 2019, 23, 173-186.	1.6	23
88	Increased hepcidin in transferrin-treated thalassemic mice correlates with increased liver BMP2 expression and decreased hepatocyte ERK activation. Haematologica, 2016, 101, 297-308.	1.7	22
89	Polycythemia is associated with bone loss and reduced osteoblast activity in mice. Osteoporosis International, 2016, 27, 1559-1568.	1.3	22
90	Comparative Mapping of the Actin-Binding Protein 280 Genes in Human and Mouse. Genomics, 1994, 21, 428-430.	1.3	21

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91	Hepcidin and Hfe in iron overload in Î²â€thalassemia. Annals of the New York Academy of Sciences, 2010, 1202, 221-225.	1.8	21
92	A preclinical approach for gene therapy of Î²â€thalassemia. Annals of the New York Academy of Sciences, 2010, 1202, 134-140.	1.8	21
93	A combined approach for Î²-thalassemia based on gene therapy-mediated adult hemoglobin (HbA) production and fetal hemoglobin (HbF) induction. Annals of Hematology, 2012, 91, 1201-1213.	0.8	21
94	Altered erythropoiesis and iron metabolism in carriers of thalassemia. European Journal of Haematology, 2015, 94, 511-518.	1.1	21
95	Exploring the Role of Hepcidin, an Antimicrobial and Iron Regulatory Peptide, in Increased Iron Absorption in Î²-Thalassemia. Annals of the New York Academy of Sciences, 2005, 1054, 417-422.	1.8	19
96	New strategies to target iron metabolism for the treatment of beta thalassemia. Annals of the New York Academy of Sciences, 2016, 1368, 162-168.	1.8	19
97	Identification of novel RFLPs in the vicinity of CpG islands in Xq28: application to the analysis of the pattern of X chromosome inactivation. American Journal of Human Genetics, 1992, 50, 156-63.	2.6	19
98	The hepcidin regulator erythroferrone is a new member of the erythropoiesis-iron-bone circuitry. ELife, 2021, 10, .	2.8	18
99	Protective role of calreticulin in HFE hemochromatosis. Free Radical Biology and Medicine, 2008, 44, 99-108.	1.3	17
100	The nucleotide sequence of a CpG island demonstrates the presence of the first exon of the gene encoding the human lysosomal membrane protein lamp2 and assigns the gene to Xq24. Genomics, 1991, 9, 551-554.	1.3	16
101	Analysis of alpha hemoglobin stabilizing protein overexpression in murine Î²â€thalassemia. American Journal of Hematology, 2010, 85, 820-822.	2.0	16
102	Iron metabolism and ineffective erythropoiesis in Î²â€thalassemia mouse models. Annals of the New York Academy of Sciences, 2010, 1202, 24-30.	1.8	16
103	In VivoGene Transfer Strategies to Achieve Partial Correction of von Willebrand Disease. Human Gene Therapy, 2012, 23, 576-588.	1.4	16
104	Gene Therapy in Thalassemia and Hemoglobinopathies. Mediterranean Journal of Hematology and Infectious Diseases, 2009, 1, e2009008.	0.5	16
105	Development of K562 cell clones expressing Î²â€globin mRNA carrying the Î²⁰39 thalassaemia mutation for the screening of correctors of stopâ€codon mutations. Biotechnology and Applied Biochemistry, 2009, 54, 41-52.	1.4	15
106	Combining gene therapy and fetal hemoglobin induction for treatment of Î²-thalassemia. Expert Review of Hematology, 2013, 6, 255-264.	1.0	15
107	The Role of Iron in Benign and Malignant Hematopoiesis. Antioxidants and Redox Signaling, 2021, 35, 415-432.	2.5	15
108	Globin gene transfer for treatment of the Î²-thalassemias and sickle cell disease. Best Practice and Research in Clinical Haematology, 2004, 17, 517-534.	0.7	14

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109	Gene Addition Strategies for Î²-Thalassemia and Sickle Cell Anemia. Advances in Experimental Medicine and Biology, 2017, 1013, 155-176.	0.8	13
110	EHA Research Roadmap on Hemoglobinopathies and Thalassemia: An Update. HemaSphere, 2019, 3, e208.	1.2	13
111	Use of Jak2 Inhibitors to Limit Ineffective Erythropoiesis and Iron Absorption in Mice Affected by Î²-Thalassemia and Other Disorders of Red Cell Production.. Blood, 2009, 114, 2020-2020.	0.6	13
112	Selection and Mapping of Replication Origins from a 500-kb Region of the Human X Chromosome and Their Relationship to Gene Expression. Genomics, 1999, 62, 11-20.	1.3	12
113	Î²-Thalassemia and Polycythemia vera: Targeting chronic stress erythropoiesis. International Journal of Biochemistry and Cell Biology, 2014, 51, 89-92.	1.2	12
114	Therapeutic globin gene delivery using lentiviral vectors. Current Opinion in Molecular Therapeutics, 2002, 4, 505-14.	2.8	12
115	Tmprss6-ASO as a tool for the treatment of Polycythemia Vera mice. PLoS ONE, 2021, 16, e0251995.	1.1	12
116	Prospects for a hepcidin mimic to treat Î²-thalassemia and hemochromatosis. Expert Review of Hematology, 2011, 4, 233-235.	1.0	11
117	Mitochondria Biogenesis Modulates Ironâ€“Sulfur Cluster Synthesis to Increase Cellular Iron Uptake. DNA and Cell Biology, 2020, 39, 756-765.	0.9	11
118	Management of nonâ€transfusionâ€dependent Î²â€thalassemia (<scp>NTDT</scp>): The next 5â€‰years. American Journal of Hematology, 2021, 96, E57-E59.	2.0	11
119	Iron age: novel targets for iron overload. Hematology American Society of Hematology Education Program, 2014, 2014, 216-221.	0.9	10
120	Lentiviral vector ALS20 yields high hemoglobin levels with low genomic integrations for treatment of beta-globinopathies. Molecular Therapy, 2021, 29, 1625-1638.	3.7	10
121	Globin gene transfer: a paradigm for transgene regulation and vector safety. Gene Therapy and Regulation, 2003, 2, 149-175.	0.3	9
122	Carbonyl iron and iron dextran therapies cause adverse effects on bone health in juveniles with chronic kidney disease. Kidney International, 2020, 98, 1210-1224.	2.6	9
123	Treatment With Minihepcidin Peptide Improves Anemia and Iron Overload In a Mouse Model Of Thalassemia Intermedia. Blood, 2013, 122, 431-431.	0.6	9
124	Developing a Galnac-Conjugated TMPRSS6 Antisense Therapy for the Treatment of Î²-Thalassemia. Blood, 2016, 128, 1013-1013.	0.6	9
125	Pleckstrin-2 is essential for erythropoiesis in Î²-thalassemic mice, reducing apoptosis and enhancing enucleation. Communications Biology, 2021, 4, 517.	2.0	8
126	Increased CFTR expression and function from an optimized lentiviral vector for cystic fibrosis gene therapy. Molecular Therapy - Methods and Clinical Development, 2021, 21, 94-106.	1.8	8

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127	Kinetic of Iron Absorption and Expression of Iron Related Genes in Beta-Thalassemia.. Blood, 2005, 106, 3846-3846.	0.6	8
128	Hfe Modulates the Response to Erythopoietic Stress In Wt Mice by Two Distinct Mechanisms. Blood, 2010, 116, 4251-4251.	0.6	8
129	A Comparative Transcriptional Map of a Region of 250 kb on the Human and Mouse X Chromosome between the G6PD and the FLN1 Genes. Genomics, 1995, 28, 377-382.	1.3	7
130	The EHA Research Roadmap: Anemias. HemaSphere, 2021, 5, e607.	1.2	7
131	Globin gene transfer for treatment of the Î²-thalassemias and sickle cell disease. Best Practice and Research in Clinical Haematology, 2004, 17, 517-534.	0.7	7
132	Crosstalk between Erythropoiesis and Iron Metabolism. Advances in Hematology, 2010, 2010, 1-2.	0.6	6
133	Genetic loss of Tmprss6 alters terminal erythroid differentiation in a mouse model of Î²-thalassemia intermedia. Haematologica, 2019, 104, e442-e446.	1.7	6
134	CYP450 Mediates Reactive Oxygen Species Production in a Mouse Model of Î²-Thalassemia through an Increase in 20-HETE Activity. International Journal of Molecular Sciences, 2021, 22, 1106.	1.8	6
135	Concurrent Treatment with Minhepcidin and Deferiprone Improves Anemia and Enhances Reduction of Spleen Iron in a Mouse Model of Non-Transfusion Dependent Thalassemia. Blood, 2014, 124, 748-748.	0.6	6
136	The Human Ankyrin Insulator Supports Production of Therapeutic Levels of Adult Hemoglobin Following Î²-Globin Gene Transfer in Hematopoietic Cells Derived From Thalassemic and Sickle Cell Patients. Blood, 2011, 118, 2055-2055.	0.6	6
137	Stress Erythropoiesis Is Associated with Changes in the Transcriptome of Central Macrophages. Blood, 2014, 124, 1404-1404.	0.6	6
138	Selection and Fine Mapping of Chromosome-Specific cDNAs: Application to Human Chromosome 1. Genomics, 1996, 38, 149-154.	1.3	5
139	Emerging Therapies. Hematology/Oncology Clinics of North America, 2018, 32, 343-352.	0.9	5
140	Inclusion of a short hairpin RNA targeting <i>BCL11A</i> into a Î²-globin expressing vector allows concurrent synthesis of curative adult and fetal hemoglobin. Haematologica, 2021, 106, 2740-2745.	1.7	5
141	Erythroferrone Regulates Bone Remodeling in Î²-Thalassemia. Blood, 2019, 134, 2-2.	0.6	5
142	Expression of Genes Regulating Iron Metabolism in Hepatocyte Cell-Line HepG2 Induced by Sera from MDS Patients.. Blood, 2007, 110, 4612-4612.	0.6	5
143	Basic Principles of Gene Transfer in Hematopoietic Stem Cells. , 1999, 36, 1-19.		4
144	Do not super-excess me!. Blood, 2012, 119, 5064-5065.	0.6	4

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145	Disorders of Iron Metabolism: Iron Deficiency and Iron Overload and Anemia of Chronic Diseases. , 2014, , 1471-1487.		4
146	Increased Hepcidin Expression in Mice Affected by Î²-Thalassemia Reduces Iron Overload with No Effect on Anemia. Blood, 2008, 112, 128-128.	0.6	4
147	Following Beta-Globin Gene Transfer, the Production of Hemoglobin Depends Upon the Beta-Thalassemia Genotype.. Blood, 2009, 114, 978-978.	0.6	4
148	New potential players in hepcidin regulation. Haematologica, 2019, 104, 1691-1693.	1.7	4
149	The Effect of Dietary Iron on Tissue Iron Levels in Intact and Splenectomized Mice Affected by Î²-Thalassemia.. Blood, 2008, 112, 1876-1876.	0.6	4
150	Alternative splicing of EKLF/KLF1 in murine primary erythroid tissues. Experimental Hematology, 2015, 43, 65-70.	0.2	3
151	Cranberry A-type proanthocyanidins selectively target acute myeloid leukemia cells. Blood Advances, 2019, 3, 3261-3265.	2.5	3
152	Hepcidin Expression in Cultured Liver Cells Responds Differently to Iron Overloaded Sera Derived from Patients with Thalassemia and Hemochromatosis.. Blood, 2004, 104, 3196-3196.	0.6	3
153	Potential Therapeutic Applications of Jak2 Inhibitors in Beta-Thalassemia and Sickle Cell Disease,. Blood, 2011, 118, 3187-3187.	0.6	3
154	Heme Oxygenase 1 Plays a Role In The Pathophysiology Of Î²-Thalassemia. Blood, 2013, 122, 3449-3449.	0.6	3
155	Targeting TMPRSS6 Using Antisense Technology for the Treatment of Beta-Thalassemia. Blood, 2015, 126, 753-753.	0.6	3
156	Potential Therapeutic Applications of Jak2 Inhibitors and Hif2a-ASO for the Treatment of Î²-Thalassemia Intermedia and Major. Blood, 2016, 128, 1012-1012.	0.6	3
157	Genetic Investigation of the Role of GDF11 in the Treatment of Î²-Thalassemia and MDS. Blood, 2016, 128, 2439-2439.	0.6	3
158	Generation and Characterization of a Transgenic Mouse Carrying a Functional HumanÎ²-Globin Gene with the IVSI-6 Thalassemia Mutation. BioMed Research International, 2015, 2015, 1-20.	0.9	2
159	Development and characterization of cellular biosensors for HTS of erythroid differentiation inducers targeting the transcriptional activity of Î³-globin and Î²-globin gene promoters. Analytical and Bioanalytical Chemistry, 2019, 411, 7669-7680.	1.9	2
160	Heparanase Level and Procoagulant Activity Are Increased in Thalassemia and Attenuated by Janus Kinase 2 Inhibition. American Journal of Pathology, 2020, 190, 2146-2154.	1.9	2
161	Hepcidin as a Therapeutic Tool to Limit Iron Overload and Improve Anemia In Î²-Thalassemia. Blood, 2010, 116, 1009-1009.	0.6	2
162	ACE-536 Improves Ineffective Erythropoiesis, Anemia and Co-Morbidities in Î²-Thalassemia. Blood, 2012, 120, 248-248.	0.6	2

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163	A Novel Dual Monoclonal Sandwich ELISA for Human Erythroferrone. Blood, 2016, 128, 1272-1272.	0.6	2
164	2'-O-methoxyethyl splice-switching oligos correct splicing from IVS2-745 Î²-thalassemia patient cells restoring HbA production and chain rebalance. Haematologica, 2021, 106, 1433-1442.	1.7	2
165	Oxidative Stress of RBC in a Murine Model of Beta-Thalassemia Can Be Reversed by Treatment with Antioxidants.. Blood, 2005, 106, 3643-3643.	0.6	2
166	Tmprss6, An Inhibitor of Hepatic Bmp/Smad Signaling, Is Required for Hepcidin Suppression and Iron Loading In a Mouse Model of Î²-Thalassemia. Blood, 2010, 116, 164-164.	0.6	2
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