

Mitchell J Weiss

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151
papers

15,031
citations

65
h-index

121
g-index

159
ext. papers

16,897
ext. citations

11.9
avg, IF

5.97
L-index

#	Paper	IF	Citations
151	An early haematopoietic defect in mice lacking the transcription factor GATA-2. <i>Nature</i> , 1994 , 371, 221-6	50.4	1199
150	A comparative encyclopedia of DNA elements in the mouse genome. <i>Nature</i> , 2014 , 515, 355-64	50.4	1026
149	FOG, a multitype zinc finger protein, acts as a cofactor for transcription factor GATA-1 in erythroid and megakaryocytic differentiation. <i>Cell</i> , 1997 , 90, 109-19	56.2	635
148	Novel insights into erythroid development revealed through in vitro differentiation of GATA-1 embryonic stem cells. <i>Genes and Development</i> , 1994 , 8, 1184-97	12.6	470
147	Mitoferrin is essential for erythroid iron assimilation. <i>Nature</i> , 2006 , 440, 96-100	50.4	428
146	Familial dyserythropoietic anaemia and thrombocytopenia due to an inherited mutation in GATA1. <i>Nature Genetics</i> , 2000 , 24, 266-70	36.3	424
145	Proximity among distant regulatory elements at the beta-globin locus requires GATA-1 and FOG-1. <i>Molecular Cell</i> , 2005 , 17, 453-62	17.6	420
144	An encyclopedia of mouse DNA elements (Mouse ENCODE). <i>Genome Biology</i> , 2012 , 13, 418	18.3	340
143	Stress-induced apoptosis associated with null mutation of ADAR1 RNA editing deaminase gene. <i>Journal of Biological Chemistry</i> , 2004 , 279, 4952-61	5.4	337
142	Global regulation of erythroid gene expression by transcription factor GATA-1. <i>Blood</i> , 2004 , 104, 3136-42	7.2	334
141	Isolation and characterization of a cDNA encoding a human liver/bone/kidney-type alkaline phosphatase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1986 , 83, 7182-6	11.5	331
140	GATA-1-dependent transcriptional repression of GATA-2 via disruption of positive autoregulation and domain-wide chromatin remodeling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 8811-6	11.5	293
139	Erythroid-cell-specific properties of transcription factor GATA-1 revealed by phenotypic rescue of a gene-targeted cell line. <i>Molecular and Cellular Biology</i> , 1997 , 17, 1642-51	4.8	290
138	A missense mutation in the human liver/bone/kidney alkaline phosphatase gene causing a lethal form of hypophosphatasia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1988 , 85, 7666-9	11.5	285
137	A GATA-1-regulated microRNA locus essential for erythropoiesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 3333-8	11.5	268
136	Transcription factor GATA-1 permits survival and maturation of erythroid precursors by preventing apoptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995 , 92, 9623-7	11.5	264
135	An abundant erythroid protein that stabilizes free alpha-haemoglobin. <i>Nature</i> , 2002 , 417, 758-63	50.4	250

134	Insights into GATA-1-mediated gene activation versus repression via genome-wide chromatin occupancy analysis. <i>Molecular Cell</i> , 2009 , 36, 682-95	17.6	232
133	CREB-Binding protein acetylates hematopoietic transcription factor GATA-1 at functionally important sites. <i>Molecular and Cellular Biology</i> , 1999 , 19, 3496-505	4.8	228
132	A genome-editing strategy to treat Hemoglobinopathies that recapitulates a mutation associated with a benign genetic condition. <i>Nature Medicine</i> , 2016 , 22, 987-90	50.5	213
131	GATA-1-mediated proliferation arrest during erythroid maturation. <i>Molecular and Cellular Biology</i> , 2003 , 23, 5031-42	4.8	169
130	Anemia: progress in molecular mechanisms and therapies. <i>Nature Medicine</i> , 2015 , 21, 221-30	50.5	167
129	Self-renewing endodermal progenitor lines generated from human pluripotent stem cells. <i>Cell Stem Cell</i> , 2012 , 10, 371-84	18	166
128	miR-451 protects against erythroid oxidant stress by repressing 14-3-3zeta. <i>Genes and Development</i> , 2010 , 24, 1620-33	12.6	165
127	A global role for EKLF in definitive and primitive erythropoiesis. <i>Blood</i> , 2006 , 107, 3359-70	2.2	165
126	Unlinking an lncRNA from Its Associated cis Element. <i>Molecular Cell</i> , 2016 , 62, 104-10	17.6	164
125	Erythroid GATA1 function revealed by genome-wide analysis of transcription factor occupancy, histone modifications, and mRNA expression. <i>Genome Research</i> , 2009 , 19, 2172-84	9.7	163
124	Hemoglobin variants: biochemical properties and clinical correlates. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2013 , 3, a011858	5.4	125
123	Formation of a tissue-specific histone acetylation pattern by the hematopoietic transcription factor GATA-1. <i>Molecular and Cellular Biology</i> , 2003 , 23, 1334-40	4.8	125
122	Molecular mechanism of AHSP-mediated stabilization of alpha-hemoglobin. <i>Cell</i> , 2004 , 119, 629-40	56.2	123
121	ABC-me: a novel mitochondrial transporter induced by GATA-1 during erythroid differentiation. <i>EMBO Journal</i> , 2000 , 19, 2492-502	13	120
120	Lineage and species-specific long noncoding RNAs during erythro-megakaryocytic development. <i>Blood</i> , 2014 , 123, 1927-37	2.2	114
119	Loss of alpha-hemoglobin-stabilizing protein impairs erythropoiesis and exacerbates beta-thalassemia. <i>Journal of Clinical Investigation</i> , 2004 , 114, 1457-66	15.9	114
118	Nucleotide and amino acid sequences of human intestinal alkaline phosphatase: close homology to placental alkaline phosphatase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1987 , 84, 1234-8	11.5	113
117	Loss of the miR-144/451 cluster impairs ischaemic preconditioning-mediated cardioprotection by targeting Rac-1. <i>Cardiovascular Research</i> , 2012 , 94, 379-90	9.9	111

116	Cooperative activities of hematopoietic regulators recruit RNA polymerase II to a tissue-specific chromatin domain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 11760-5	11.5	107
115	Perturbation of fetal liver hematopoietic stem and progenitor cell development by trisomy 21. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 17579-84	11.5	106
114	miR-451 regulates dendritic cell cytokine responses to influenza infection. <i>Journal of Immunology</i> , 2012 , 189, 5965-75	5.3	101
113	Dynamics of the epigenetic landscape during erythroid differentiation after GATA1 restoration. <i>Genome Research</i> , 2011 , 21, 1659-71	9.7	100
112	Trisomy 21 enhances human fetal erythro-megakaryocytic development. <i>Blood</i> , 2008 , 112, 4503-6	2.2	97
111	Megakaryocyte biology and related disorders. <i>Journal of Clinical Investigation</i> , 2005 , 115, 3332-8	15.9	97
110	Repression of c-kit and its downstream substrates by GATA-1 inhibits cell proliferation during erythroid maturation. <i>Molecular and Cellular Biology</i> , 2005 , 25, 6747-59	4.8	96
109	Structure of oxidized alpha-haemoglobin bound to AHSP reveals a protective mechanism for haem. <i>Nature</i> , 2005 , 435, 697-701	50.4	93
108	Evaluation of alpha hemoglobin stabilizing protein (AHSP) as a genetic modifier in patients with beta thalassemia. <i>Blood</i> , 2004 , 103, 3296-9	2.2	92
107	Early block to erythromegakaryocytic development conferred by loss of transcription factor GATA-1. <i>Blood</i> , 2006 , 107, 87-97	2.2	91
106	Regional assignment of the gene for human liver/bone/kidney alkaline phosphatase to chromosome 1p36.1-p34. <i>Genomics</i> , 1988 , 2, 139-43	4.3	91
105	In vitro differentiation of murine embryonic stem cells. New approaches to old problems. <i>Journal of Clinical Investigation</i> , 1996 , 97, 591-5	15.9	91
104	Trisomy 21-associated defects in human primitive hematopoiesis revealed through induced pluripotent stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 17573-8	11.5	88
103	Biophysical characterization of the alpha-globin binding protein alpha-hemoglobin stabilizing protein. <i>Journal of Biological Chemistry</i> , 2002 , 277, 40602-9	5.4	85
102	An erythroid chaperone that facilitates folding of alpha-globin subunits for hemoglobin synthesis. <i>Journal of Clinical Investigation</i> , 2007 , 117, 1856-65	15.9	83
101	LRF is an essential downstream target of GATA1 in erythroid development and regulates BIM-dependent apoptosis. <i>Developmental Cell</i> , 2009 , 17, 527-40	10.2	82
100	cDNA cloning of alkaline phosphatase from rat osteosarcoma (ROS 17/2.8) cells. <i>Journal of Bone and Mineral Research</i> , 1987 , 2, 161-4	6.3	81
99	Patient-derived induced pluripotent stem cells recapitulate hematopoietic abnormalities of juvenile myelomonocytic leukemia. <i>Blood</i> , 2013 , 121, 4925-9	2.2	80

98	Products of two common alleles at the locus for human placental alkaline phosphatase differ by seven amino acids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1986 , 83, 5597-601	11.5	79
97	UBE2O remodels the proteome during terminal erythroid differentiation. <i>Science</i> , 2017 , 357,	33.3	77
96	Graded repression of PU.1/Sfpi1 gene transcription by GATA factors regulates hematopoietic cell fate. <i>Blood</i> , 2009 , 114, 983-94	2.2	73
95	Occupancy by key transcription factors is a more accurate predictor of enhancer activity than histone modifications or chromatin accessibility. <i>Epigenetics and Chromatin</i> , 2015 , 8, 16	5.8	71
94	MicroRNA expression in maturing murine megakaryocytes. <i>Blood</i> , 2010 , 116, e128-38	2.2	70
93	Alpha-haemoglobin stabilising protein is a quantitative trait gene that modifies the phenotype of beta-thalassaemia. <i>British Journal of Haematology</i> , 2006 , 133, 675-82	4.5	70
92	Clonal genetic and hematopoietic heterogeneity among human-induced pluripotent stem cell lines. <i>Blood</i> , 2013 , 122, 2047-51	2.2	69
91	CD19 is a major B cell receptor-independent activator of MYC-driven B-lymphomagenesis. <i>Journal of Clinical Investigation</i> , 2012 , 122, 2257-66	15.9	69
90	Ribosomal and hematopoietic defects in induced pluripotent stem cells derived from Diamond Blackfan anemia patients. <i>Blood</i> , 2013 , 122, 912-21	2.2	68
89	STAT1 promotes megakaryopoiesis downstream of GATA-1 in mice. <i>Journal of Clinical Investigation</i> , 2007 , 117, 3890-9	15.9	68
88	Divergent functions of hematopoietic transcription factors in lineage priming and differentiation during erythro-megakaryopoiesis. <i>Genome Research</i> , 2014 , 24, 1932-44	9.7	67
87	Level of RUNX1 activity is critical for leukemic predisposition but not for thrombocytopenia. <i>Blood</i> , 2015 , 125, 930-40	2.2	66
86	Designer blood: creating hematopoietic lineages from embryonic stem cells. <i>Blood</i> , 2006 , 107, 1265-75	2.2	65
85	Genome editing of HBG1 and HBG2 to induce fetal hemoglobin. <i>Blood Advances</i> , 2019 , 3, 3379-3392	7.8	63
84	Mammalian casein kinase 1alpha and its leishmanial ortholog regulate stability of IFNAR1 and type I interferon signaling. <i>Molecular and Cellular Biology</i> , 2009 , 29, 6401-12	4.8	62
83	Chromothripsis as an on-target consequence of CRISPR-Cas9 genome editing. <i>Nature Genetics</i> , 2021 , 53, 895-905	36.3	62
82	Trim58 degrades Dynein and regulates terminal erythropoiesis. <i>Developmental Cell</i> , 2014 , 30, 688-700	10.2	58
81	Targeted Application of Human Genetic Variation Can Improve Red Blood Cell Production from Stem Cells. <i>Cell Stem Cell</i> , 2016 , 18, 73-78	18	57

80	Pharmacogenetics for Safe Codeine Use in Sickle Cell Disease. <i>Pediatrics</i> , 2016 , 138,	7.4	57
79	MicroRNA-486-5p is an erythroid oncomiR of the myeloid leukemias of Down syndrome. <i>Blood</i> , 2015 , 125, 1292-301	2.2	56
78	Integrated protein quality-control pathways regulate free β globin in murine β thalassemia. <i>Blood</i> , 2012 , 119, 5265-75	2.2	55
77	miR-144 attenuates the host response to influenza virus by targeting the TRAF6-IRF7 signaling axis. <i>PLoS Pathogens</i> , 2017 , 13, e1006305	7.6	53
76	Dynamic shifts in occupancy by TAL1 are guided by GATA factors and drive large-scale reprogramming of gene expression during hematopoiesis. <i>Genome Research</i> , 2014 , 24, 1945-62	9.7	51
75	Experimental validation of predicted mammalian erythroid cis-regulatory modules. <i>Genome Research</i> , 2006 , 16, 1480-92	9.7	49
74	Long noncoding RNAs in biology and hematopoiesis. <i>Blood</i> , 2013 , 121, 4842-6	2.2	43
73	Chaperoning erythropoiesis. <i>Blood</i> , 2009 , 113, 2136-44	2.2	43
72	Pluripotent stem cells reveal erythroid-specific activities of the GATA1 N-terminus. <i>Journal of Clinical Investigation</i> , 2015 , 125, 993-1005	15.9	43
71	SLC35D3 delivery from megakaryocyte early endosomes is required for platelet dense granule biogenesis and is differentially defective in Hermansky-Pudlak syndrome models. <i>Blood</i> , 2012 , 120, 404-14	2.2	42
70	Population analysis of the alpha hemoglobin stabilizing protein (AHSP) gene identifies sequence variants that alter expression and function. <i>American Journal of Hematology</i> , 2008 , 83, 103-8	7.1	41
69	Erythro-megakaryocytic transcription factors associated with hereditary anemia. <i>Blood</i> , 2014 , 123, 3080-8	2.2	40
68	A new link between noncoding RNAs and blood development. <i>Genes and Development</i> , 2011 , 25, 2555-8	2.6	40
67	An iron responsive element-like stem-loop regulates alpha-hemoglobin-stabilizing protein mRNA. <i>Journal of Biological Chemistry</i> , 2008 , 283, 26956-64	5.4	39
66	The Poly(C) Binding Protein Pcbp2 and Its Retrotransposed Derivative Pcbp1 Are Independently Essential to Mouse Development. <i>Molecular and Cellular Biology</i> , 2016 , 36, 304-19	4.8	38
65	Development of acute megakaryoblastic leukemia in Down syndrome is associated with sequential epigenetic changes. <i>Blood</i> , 2013 , 122, e33-43	2.2	36
64	Role of alpha-hemoglobin-stabilizing protein in normal erythropoiesis and beta-thalassemia. <i>Annals of the New York Academy of Sciences</i> , 2005 , 1054, 103-17	6.5	35
63	Biochemical fates of alpha hemoglobin bound to alpha hemoglobin-stabilizing protein AHSP. <i>Journal of Biological Chemistry</i> , 2006 , 281, 32611-8	5.4	34

62	Cloning and sequence analysis of a cDNA plasmid for one of the rat liver glutathione S-transferase subunits. <i>Nucleic Acids Research</i> , 1982 , 10, 5407-19	20.1	34
61	Protein quality control during erythropoiesis and hemoglobin synthesis. <i>Hematology/Oncology Clinics of North America</i> , 2010 , 24, 1071-88	3.1	33
60	Analysis of human alpha globin gene mutations that impair binding to the alpha hemoglobin stabilizing protein. <i>Blood</i> , 2009 , 113, 5961-9	2.2	33
59	The role of alpha-hemoglobin stabilizing protein in redox chemistry, denaturation, and hemoglobin assembly. <i>Antioxidants and Redox Signaling</i> , 2010 , 12, 219-31	8.4	32
58	MicroRNAs in erythropoiesis. <i>Current Opinion in Hematology</i> , 2010 , 17, 155-62	3.3	31
57	Hematopoietic differentiation of pluripotent stem cells in culture. <i>Methods in Molecular Biology</i> , 2014 , 1185, 181-94	1.4	31
56	Base editing of haematopoietic stem cells rescues sickle cell disease in mice. <i>Nature</i> , 2021 , 595, 295-302	50.4	31
55	miR-451 deficiency is associated with altered endometrial fibrinogen alpha chain expression and reduced endometriotic implant establishment in an experimental mouse model. <i>PLoS ONE</i> , 2014 , 9, e100336	3.7	30
54	Mutation-specific signaling profiles and kinase inhibitor sensitivities of juvenile myelomonocytic leukemia revealed by induced pluripotent stem cells. <i>Leukemia</i> , 2019 , 33, 181-190	10.7	28
53	Identification of distal cis-regulatory elements at mouse mitoferrin loci using zebrafish transgenesis. <i>Molecular and Cellular Biology</i> , 2011 , 31, 1344-56	4.8	28
52	Transcriptional enhancement by GATA1-occupied DNA segments is strongly associated with evolutionary constraint on the binding site motif. <i>Genome Research</i> , 2008 , 18, 1896-905	9.7	28
51	GATA-1 and Oct-1 are required for expression of the human alpha-hemoglobin-stabilizing protein gene. <i>Journal of Biological Chemistry</i> , 2005 , 280, 39016-23	5.4	27
50	The calcineurin-NFAT pathway negatively regulates megakaryopoiesis. <i>Blood</i> , 2013 , 121, 3205-15	2.2	26
49	β-Hemoglobin stabilizing protein (AHSP) markedly decreases the redox potential and reactivity of β-subunits of human HbA with hydrogen peroxide. <i>Journal of Biological Chemistry</i> , 2013 , 288, 4288-98	5.4	26
48	Functional regulation of pre-B-cell leukemia homeobox interacting protein 1 (PBXIP1/HPIP) in erythroid differentiation. <i>Journal of Biological Chemistry</i> , 2012 , 287, 5600-14	5.4	26
47	Subunit composition of rat liver glutathione S-transferases. <i>Biochemical and Biophysical Research Communications</i> , 1982 , 108, 461-7	3.4	25
46	The severity of hereditary porphyria is modulated by the porphyrin exporter and Lan antigen ABCB6. <i>Nature Communications</i> , 2016 , 7, 12353	17.4	24
45	First identification of a gene defect for hypophosphatasia: evidence that alkaline phosphatase acts in skeletal mineralization. <i>Connective Tissue Research</i> , 1989 , 21, 99-104; discussion 104-6	3.3	24

44	Post-translational transformation of methionine to aspartate is catalyzed by heme iron and driven by peroxide: a novel subunit-specific mechanism in hemoglobin. <i>Journal of Biological Chemistry</i> , 2014 , 289, 22342-57	5.4	23
43	Inducible Gata1 suppression expands megakaryocyte-erythroid progenitors from embryonic stem cells. <i>Journal of Clinical Investigation</i> , 2015 , 125, 2369-74	15.9	23
42	Dysregulation of the Transforming Growth Factor β Pathway in Induced Pluripotent Stem Cells Generated from Patients with Diamond Blackfan Anemia. <i>PLoS ONE</i> , 2015 , 10, e0134878	3.7	22
41	The secreted lymphangiogenic factor CCBE1 is essential for fetal liver erythropoiesis. <i>Blood</i> , 2013 , 121, 3228-36	2.2	21
40	A hemoglobin variant associated with neonatal cyanosis and anemia. <i>New England Journal of Medicine</i> , 2011 , 364, 1837-43	59.2	21
39	Kinetics of β globin binding to β hemoglobin stabilizing protein (AHSP) indicate preferential stabilization of hemichrome folding intermediate. <i>Journal of Biological Chemistry</i> , 2012 , 287, 11338-50	5.4	20
38	Insights into hemoglobin assembly through in vivo mutagenesis of β hemoglobin stabilizing protein. <i>Journal of Biological Chemistry</i> , 2012 , 287, 11325-37	5.4	18
37	DYRK gene structure and erythroid-restricted features of DYRK3 gene expression. <i>Genomics</i> , 2005 , 85, 117-30	4.3	18
36	Regulation of gene expression by miR-144/451 during mouse erythropoiesis. <i>Blood</i> , 2019 , 133, 2518-2528	2.2	17
35	Probe 8B/E5U detects a second RFLP at the human liver/bone/kidney alkaline phosphatase (ALPL) locus. <i>Nucleic Acids Research</i> , 1988 , 16, 2361	20.1	17
34	p47phox and reactive oxygen species production modulate expression of microRNA-451 in macrophages. <i>Free Radical Research</i> , 2015 , 49, 25-34	4	16
33	The autophagy-activating kinase ULK1 mediates clearance of free β globin in β thalassemia. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	16
32	A cis-proline in alpha-hemoglobin stabilizing protein directs the structural reorganization of alpha-hemoglobin. <i>Journal of Biological Chemistry</i> , 2009 , 284, 29462-9	5.4	16
31	represses the LKB1/AMPK/mTOR pathway to promote red cell precursor survival during recovery from acute anemia. <i>Haematologica</i> , 2018 , 103, 406-416	6.6	15
30	A high-frequency RFLP at the human liver/bone/kidney-type alkaline phosphatase locus. <i>Nucleic Acids Research</i> , 1987 , 15, 860	20.1	15
29	AHSP (β hemoglobin-stabilizing protein) stabilizes apo- β hemoglobin in a partially folded state. <i>Biochemical Journal</i> , 2010 , 432, 275-82	3.8	13
28	Analysis of alpha hemoglobin stabilizing protein overexpression in murine β thalassemia. <i>American Journal of Hematology</i> , 2010 , 85, 820-2	7.1	13
27	Amelioration of murine sickle cell disease by nonablative conditioning and β globin gene-corrected bone marrow cells. <i>Molecular Therapy - Methods and Clinical Development</i> , 2015 , 2, 15045	6.4	12

26	An integrative view of the regulatory and transcriptional landscapes in mouse hematopoiesis. <i>Genome Research</i> , 2020 , 30, 472-484	9.7	11
25	β-Hemoglobin-stabilizing protein (AHSP) perturbs the proximal heme pocket of oxy-β-hemoglobin and weakens the iron-oxygen bond. <i>Journal of Biological Chemistry</i> , 2013 , 288, 19986-20001	5.4	11
24	β-Hemoglobin-stabilizing protein is a sensitive and specific marker of erythroid precursors. <i>American Journal of Surgical Pathology</i> , 2012 , 36, 1538-47	6.7	10
23	FBXO11-mediated proteolysis of BAHD1 relieves PRC2-dependent transcriptional repression in erythropoiesis. <i>Blood</i> , 2021 , 137, 155-167	2.2	9
22	Dynamics of GATA1 binding and expression response in a GATA1-induced erythroid differentiation system. <i>Genomics Data</i> , 2015 , 4, 1-7		8
21	A novel haem-binding interface in the 22 kDa haem-binding protein p22HBP. <i>Journal of Molecular Biology</i> , 2006 , 362, 287-97	6.5	8
20	Integrative proteomics reveals principles of dynamic phosphosignaling networks in human erythropoiesis. <i>Molecular Systems Biology</i> , 2020 , 16, e9813	12.2	8
19	Immune hemolytic anemia with drug-induced antibodies to carboplatin and vincristine in a pediatric patient with an optic pathway glioma. <i>Transfusion</i> , 2014 , 54, 2901-5	2.9	7
18	Embryonic stem cells and hematopoietic stem cell biology. <i>Hematology/Oncology Clinics of North America</i> , 1997 , 11, 1185-98	3.1	7
17	Single-nucleotide-level mapping of DNA regulatory elements that control fetal hemoglobin expression. <i>Nature Genetics</i> , 2021 , 53, 869-880	36.3	7
16	Nonspecific inhibition of erythropoiesis by short hairpin RNAs. <i>Blood</i> , 2018 , 131, 2733-2736	2.2	6
15	Global predictions and tests of erythroid regulatory regions. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2003 , 68, 335-44	3.9	6
14	Apneic seizures with bradycardia in a newborn. <i>Journal of Epilepsy</i> , 1991 , 4, 173-180		6
13	Erythrocytes 2012 ,		5
12	Activation of β-globin gene expression by GATA1 and NF-Y in hereditary persistence of fetal hemoglobin. <i>Nature Genetics</i> , 2021 , 53, 1177-1186	36.3	5
11	Congenital dyserythropoietic anemias: IIIβ a charm. <i>Blood</i> , 2013 , 121, 4614-5	2.2	4
10	NF-E2: a novel regulator of alpha-hemoglobin stabilizing protein gene expression. <i>Chinese Medical Sciences Journal</i> , 2010 , 25, 193-8	1.3	4
9	Stem cells unscramble yolk sac hematopoiesis. <i>Blood</i> , 2009 , 114, 1455-6	2.2	3

8	Welcoming a new age for gene therapy in hematology. <i>Blood</i> , 2016 , 127, 2523-4	2.2	3
7	A Cell Culture Model of Resistance Arteries. <i>Journal of Visualized Experiments</i> , 2017 ,	1.6	2
6	Personalized platelet transfusions: one step closer to the clinic. <i>Cell Stem Cell</i> , 2014 , 14, 425-6	18	1
5	Iron-laden macrophage in autoimmune disease. <i>Blood</i> , 2014 , 123, 469	2.2	1
4	2012 ,		1
3	Assembly of recently translated full-length and C-terminal truncated human gamma-globin chains with a pool of alpha-globin chains to form Hb F in a cell-free system. <i>Archives of Biochemistry and Biophysics</i> , 2007 , 463, 60-7	4.1	1
2	Handling heme. <i>Blood</i> , 2005 , 106, 2225-2226	2.2	1
1	Nuclear Factors That Regulate Erythropoiesis62-85		1