Mitchell J Weiss

List of Publications by Year
in descending order

154 papers	18,356 citations	11651 70 h-index	13379 130 g-index
159 all docs	159 docs citations	159 times ranked	22570 citing authors

#	Article	IF	Citations
1	A comparative encyclopedia of DNA elements in the mouse genome. Nature, 2014, 515, 355-364.	27.8	1,444
2	An early haematopoietic defect in mice lacking the transcription factor GATA-2. Nature, 1994, 371, 221-226.	27.8	1,314
3	FOG, a Multitype Zinc Finger Protein, Acts as a Cofactor for Transcription Factor GATA-1 in Erythroid and Megakaryocytic Differentiation. Cell, 1997, 90, 109-119.	28.9	685
4	Novel insights into erythroid development revealed through in vitro differentiation of GATA-1 embryonic stem cells.. Genes and Development, 1994, 8, 1184-1197.	5.9	518
5	Mitoferrin is essential for erythroid iron assimilation. Nature, 2006, 440, 96-100.	27.8	514
6	Familial dyserythropoietic anaemia and thrombocytopenia due to an inherited mutation in GATA1. Nature Genetics, 2000, 24, 266-270.	21.4	474
7	Proximity among Distant Regulatory Elements at the Î²-Globin Locus Requires GATA-1 and FOG-1. Molecular Cell, 2005, 17, 453-462.	9.7	449
8	Stress-induced Apoptosis Associated with Null Mutation of ADAR1 RNA Editing Deaminase Gene. Journal of Biological Chemistry, 2004, 279, 4952-4961.	3.4	424
9	An encyclopedia of mouse DNA elements (Mouse ENCODE). Genome Biology, 2012, 13, 418.	9.6	410
10	Isolation and characterization of a cDNA encoding a human liver/bone/kidney-type alkaline phosphatase.. Proceedings of the National Academy of Sciences of the United States of America, 1986, 83, 7182-7186.	7.1	376
11	Global regulation of erythroid gene expression by transcription factor GATA-1. Blood, 2004, 104, 3136-3147.	1.4	372
12	GATA-1-dependent transcriptional repression of GATA-2 via disruption of positive autoregulation and domain-wide chromatin remodeling. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 8811-8816.	7.1	324
13	A missense mutation in the human liver/bone/kidney alkaline phosphatase gene causing a lethal form of hypophosphatasia.. Proceedings of the National Academy of Sciences of the United States of America, 1988, 85, 7666-7669.	7.1	322
14	Erythroid-Cell-Specific Properties of Transcription Factor GATA-1 Revealed by Phenotypic Rescue of a Gene-Targeted Cell Line. Molecular and Cellular Biology, 1997, 17, 1642-1651.	2.3	315
15	A GATA-1-regulated microRNA locus essential for erythropoiesis. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 3333-3338.	7.1	309
16	Chromothripsis as an on-target consequence of CRISPRâ€"Cas9 genome editing. Nature Genetics, 2021, 53, 895-905.	21.4	305
17	An abundant erythroid protein that stabilizes free Î±-haemoglobin. Nature, 2002, 417, 758-763.	27.8	287
18	Transcription factor GATA-1 permits survival and maturation of erythroid precursors by preventing apoptosis.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 9623-9627.	7.1	286

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19	A genome-editing strategy to treat Î²-hemoglobinopathies that recapitulates a mutation associated with a benign genetic condition. Nature Medicine, 2016, 22, 987-990.	30.7	279
20	Insights into GATA-1-Mediated Gene Activation versus Repression via Genome-wide Chromatin Occupancy Analysis. Molecular Cell, 2009, 36, 682-695.	9.7	278
21	CREB-Binding Protein Acetylates Hematopoietic Transcription Factor GATA-1 at Functionally Important Sites. Molecular and Cellular Biology, 1999, 19, 3496-3505.	2.3	234
22	Unlinking an lncRNA from Its Associated cis Element. Molecular Cell, 2016, 62, 104-110.	9.7	216
23	Anemia: progress in molecular mechanisms and therapies. Nature Medicine, 2015, 21, 221-230.	30.7	209
24	miR-451 protects against erythroid oxidant stress by repressing 14-3-3Î¶. Genes and Development, 2010, 24, 1620-1633.	5.9	192
25	Hemoglobin Variants: Biochemical Properties and Clinical Correlates. Cold Spring Harbor Perspectives in Medicine, 2013, 3, a011858-a011858.	6.2	192
26	Self-Renewing Endodermal Progenitor Lines Generated from Human Pluripotent Stem Cells. Cell Stem Cell, 2012, 10, 371-384.	11.1	190
27	GATA-1-Mediated Proliferation Arrest during Erythroid Maturation. Molecular and Cellular Biology, 2003, 23, 5031-5042.	2.3	186
28	Erythroid GATA1 function revealed by genome-wide analysis of transcription factor occupancy, histone modifications, and mRNA expression. Genome Research, 2009, 19, 2172-2184.	5.5	184
29	A global role for EKLF in definitive and primitive erythropoiesis. Blood, 2006, 107, 3359-3370.	1.4	182
30	Base editing of haematopoietic stem cells rescues sickle cell disease in mice. Nature, 2021, 595, 295-302.	27.8	175
31	Lineage and species-specific long noncoding RNAs during erythro-megakaryocytic development. Blood, 2014, 123, 1927-1937.	1.4	169
32	ABC-me: a novel mitochondrial transporter induced by GATA-1 during erythroid differentiation. EMBO Journal, 2000, 19, 2492-2502.	7.8	138
33	Perturbation of fetal liver hematopoietic stem and progenitor cell development by trisomy 21. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 17579-17584.	7.1	138
34	Loss of Î±-hemoglobinâ€"stabilizing protein impairs erythropoiesis and exacerbates Î²-thalassemia. Journal of Clinical Investigation, 2004, 114, 1457-1466.	8.2	138
35	Molecular Mechanism of AHSP-Mediated Stabilization of Î±-Hemoglobin. Cell, 2004, 119, 629-640.	28.9	137
36	Formation of a Tissue-Specific Histone Acetylation Pattern by the Hematopoietic Transcription Factor GATA-1. Molecular and Cellular Biology, 2003, 23, 1334-1340.	2.3	130

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37	Nucleotide and amino acid sequences of human intestinal alkaline phosphatase: close homology to placental alkaline phosphatase.. Proceedings of the National Academy of Sciences of the United States of America, 1987, 84, 1234-1238.	7.1	129
38	miR-451 Regulates Dendritic Cell Cytokine Responses to Influenza Infection. Journal of Immunology, 2012, 189, 5965-5975.	0.8	127
39	Loss of the miR-144/451 cluster impairs ischaemic preconditioning-mediated cardioprotection by targeting Rac-1. Cardiovascular Research, 2012, 94, 379-390.	3.8	124
40	UBE2O remodels the proteome during terminal erythroid differentiation. Science, 2017, 357, .	12.6	121
41	Genome editing of HBG1 and HBG2 to induce fetal hemoglobin. Blood Advances, 2019, 3, 3379-3392.	5.2	121
42	In vitro differentiation of murine embryonic stem cells. New approaches to old problems.. Journal of Clinical Investigation, 1996, 97, 591-595.	8.2	120
43	Trisomy 21 enhances human fetal erythro-megakaryocytic development. Blood, 2008, 112, 4503-4506.	1.4	117
44	Cooperative activities of hematopoietic regulators recruit RNA polymerase II to a tissue-specific chromatin domain. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 11760-11765.	7.1	113
45	Megakaryocyte biology and related disorders. Journal of Clinical Investigation, 2005, 115, 3332-3338.	8.2	112
46	Dynamics of the epigenetic landscape during erythroid differentiation after GATA1 restoration. Genome Research, 2011, 21, 1659-1671.	5.5	110
47	Trisomy 21-associated defects in human primitive hematopoiesis revealed through induced pluripotent stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 17573-17578.	7.1	108
48	Repression of c-Kit and Its Downstream Substrates by GATA-1 Inhibits Cell Proliferation during Erythroid Maturation. Molecular and Cellular Biology, 2005, 25, 6747-6759.	2.3	106
49	Early block to erythromegakaryocytic development conferred by loss of transcription factor GATA-1. Blood, 2006, 107, 87-97.	1.4	104
50	Patient-derived induced pluripotent stem cells recapitulate hematopoietic abnormalities of juvenile myelomonocytic leukemia. Blood, 2013, 121, 4925-4929.	1.4	104
51	Regional assignment of the gene for human liver/bone/kidney alkaline phosphatase to chromosome 1p36.1â€“p34. Genomics, 1988, 2, 139-143.	2.9	103
52	Evaluation of alpha hemoglobin stabilizing protein (AHSP) as a genetic modifier in patients with Î² thalassemia. Blood, 2004, 103, 3296-3299.	1.4	102
53	Structure of oxidized Î±-haemoglobin bound to AHSP reveals a protective mechanism for haem. Nature, 2005, 435, 697-701.	27.8	102
54	Occupancy by key transcription factors is a more accurate predictor of enhancer activity than histone modifications or chromatin accessibility. Epigenetics and Chromatin, 2015, 8, 16.	3.9	100

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55	cDNA cloning of alkaline phosphatase from rat osteosarcoma (ROS 17/2.8) cells. Journal of Bone and Mineral Research, 1987, 2, 161-164.	2.8	99
56	LRF Is an Essential Downstream Target of GATA1 in Erythroid Development and Regulates BIM-Dependent Apoptosis. Developmental Cell, 2009, 17, 527-540.	7.0	97
57	Biophysical Characterization of the Î±-Globin Binding Protein Î±-Hemoglobin Stabilizing Protein. Journal of Biological Chemistry, 2002, 277, 40602-40609.	3.4	96
58	An erythroid chaperone that facilitates folding of Î±-globin subunits for hemoglobin synthesis. Journal of Clinical Investigation, 2007, 117, 1856-1865.	8.2	96
59	Graded repression of PU.1/Sfpi1 gene transcription by GATA factors regulates hematopoietic cell fate. Blood, 2009, 114, 983-994.	1.4	89
60	Divergent functions of hematopoietic transcription factors in lineage priming and differentiation during erythro-megakaryopoiesis. Genome Research, 2014, 24, 1932-1944.	5.5	88
61	Level of RUNX1 activity is critical for leukemic predisposition but not for thrombocytopenia. Blood, 2015, 125, 930-940.	1.4	87
62	CD19 is a major B cell receptorâ€“independent activator of MYC-driven B-lymphomagenesis. Journal of Clinical Investigation, 2012, 122, 2257-2266.	8.2	87
63	Products of two common alleles at the locus for human placental alkaline phosphatase differ by seven amino acids.. Proceedings of the National Academy of Sciences of the United States of America, 1986, 83, 5597-5601.	7.1	86
64	STAT1 promotes megakaryopoiesis downstream of GATA-1 in mice. Journal of Clinical Investigation, 2007, 117, 3890-3899.	8.2	85
65	Ribosomal and hematopoietic defects in induced pluripotent stem cells derived from Diamond Blackfan anemia patients. Blood, 2013, 122, 912-921.	1.4	82
66	MicroRNA expression in maturing murine megakaryocytes. Blood, 2010, 116, e128-e138.	1.4	80
67	Î±â€Haemoglobin stabilising protein is a quantitative trait gene that modifies the phenotype of Î²â€thalassaemia. British Journal of Haematology, 2006, 133, 675-682.	2.5	79
68	Targeted Application of Human Genetic Variation Can Improve Red Blood Cell Production from Stem Cells. Cell Stem Cell, 2016, 18, 73-78.	11.1	78
69	Integrated protein quality-control pathways regulate free Î±-globin in murine Î²-thalassemia. Blood, 2012, 119, 5265-5275.	1.4	77
70	miR-144 attenuates the host response to influenza virus by targeting the TRAF6-IRF7 signaling axis. PLoS Pathogens, 2017, 13, e1006305.	4.7	77
71	Clonal genetic and hematopoietic heterogeneity among human-induced pluripotent stem cell lines. Blood, 2013, 122, 2047-2051.	1.4	75
72	Trim58 Degrades Dynein and Regulates Terminal Erythropoiesis. Developmental Cell, 2014, 30, 688-700.	7.0	75

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73	Designer blood: creating hematopoietic lineages from embryonic stem cells. Blood, 2006, 107, 1265-1275.	1.4	72
74	Mammalian Casein Kinase 1Î± and Its Leishmanial Ortholog Regulate Stability of IFNAR1 and Type I Interferon Signaling. Molecular and Cellular Biology, 2009, 29, 6401-6412.	2.3	72
75	Dynamic shifts in occupancy by TAL1 are guided by GATA factors and drive large-scale reprogramming of gene expression during hematopoiesis. Genome Research, 2014, 24, 1945-1962.	5.5	71
76	Pharmacogenetics for Safe Codeine Use in Sickle Cell Disease. Pediatrics, 2016, 138, .	2.1	71
77	MicroRNA-486-5p is an erythroid oncomiR of the myeloid leukemias of Down syndrome. Blood, 2015, 125, 1292-1301.	1.4	66
78	Pluripotent stem cells reveal erythroid-specific activities of the GATA1 N-terminus. Journal of Clinical Investigation, 2015, 125, 993-1005.	8.2	65
79	Experimental validation of predicted mammalian erythroid cis-regulatory modules. Genome Research, 2006, 16, 1480-1492.	5.5	56
80	The Poly(C) Binding Protein Pcbp2 and Its Retrotransposed Derivative Pcbp1 Are Independently Essential to Mouse Development. Molecular and Cellular Biology, 2016, 36, 304-319.	2.3	55
81	Long noncoding RNAs in biology and hematopoiesis. Blood, 2013, 121, 4842-4846.	1.4	53
82	Erythro-megakaryocytic transcription factors associated with hereditary anemia. Blood, 2014, 123, 3080-3088.	1.4	50
83	Chaperoning erythropoiesis. Blood, 2009, 113, 2136-2144.	1.4	49
84	Population analysis of the alpha hemoglobin stabilizing protein (AHSP) gene identifies sequence variants that alter expression and function. American Journal of Hematology, 2008, 83, 103-108.	4.1	48
85	SLC35D3 delivery from megakaryocyte early endosomes is required for platelet dense granule biogenesis and is differentially defective in Hermansky-Pudlak syndrome models. Blood, 2012, 120, 404-414.	1.4	47
86	An Iron Responsive Element-like Stem-Loop Regulates Î±-Hemoglobin-stabilizing Protein mRNA. Journal of Biological Chemistry, 2008, 283, 26956-26964.	3.4	45
87	Development of acute megakaryoblastic leukemia in Down syndrome is associated with sequential epigenetic changes. Blood, 2013, 122, e33-e43.	1.4	44
88	The autophagy-activating kinase ULK1 mediates clearance of free Î±-globin in Î²-thalassemia. Science Translational Medicine, 2019, 11, .	12.4	44
89	Protein Quality Control During Erythropoiesis and Hemoglobin Synthesis. Hematology/Oncology Clinics of North America, 2010, 24, 1071-1088.	2.2	43
90	Mutation-specific signaling profiles and kinase inhibitor sensitivities of juvenile myelomonocytic leukemia revealed by induced pluripotent stem cells. Leukemia, 2019, 33, 181-190.	7.2	43

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91	Hematopoietic Differentiation of Pluripotent Stem Cells in Culture. Methods in Molecular Biology, 2014, 1185, 181-194.	0.9	42
92	Role of Alpha Hemoglobin-Stabilizing Protein in Normal Erythropoiesis and Î²-Thalassemia. Annals of the New York Academy of Sciences, 2005, 1054, 103-117.	3.8	41
93	A new â€˜Lincâ€™ between noncoding RNAs and blood development: Figure 1.. Genes and Development, 2011, 25, 2555-2558.	5.9	41
94	Analysis of human Î± globin gene mutations that impair binding to the Î± hemoglobin stabilizing protein. Blood, 2009, 113, 5961-5969.	1.4	39
95	The Role of Alpha-Hemoglobin Stabilizing Protein in Redox Chemistry, Denaturation, and Hemoglobin Assembly. Antioxidants and Redox Signaling, 2010, 12, 219-231.	5.4	39
96	An integrative view of the regulatory and transcriptional landscapes in mouse hematopoiesis. Genome Research, 2020, 30, 472-484.	5.5	38
97	Closing and sequence analysis of a cDNA plasmid for one of the rat liver glutathione S-transferase subunits. Nucleic Acids Research, 1982, 10, 5407-5419.	14.5	37
98	Biochemical Fates of Î± Hemoglobin Bound to Î± Hemoglobin-stabilizing Protein AHSP. Journal of Biological Chemistry, 2006, 281, 32611-32618.	3.4	37
99	The calcineurin-NFAT pathway negatively regulates megakaryopoiesis. Blood, 2013, 121, 3205-3215.	1.4	37
100	The severity of hereditary porphyria is modulated by the porphyrin exporter and Lan antigen ABCB6. Nature Communications, 2016, 7, 12353.	12.8	37
101	Single-nucleotide-level mapping of DNA regulatory elements that control fetal hemoglobin expression. Nature Genetics, 2021, 53, 869-880.	21.4	37
102	MicroRNAs in erythropoiesis. Current Opinion in Hematology, 2010, 17, 1.	2.5	36
103	Functional Regulation of Pre-B-cell Leukemia Homeobox Interacting Protein 1 (PBXIP1/HPIP) in Erythroid Differentiation. Journal of Biological Chemistry, 2012, 287, 5600-5614.	3.4	36
104	GATA-1 and Oct-1 Are Required for Expression of the Human Î±-Hemoglobin-stabilizing Protein Gene. Journal of Biological Chemistry, 2005, 280, 39016-39023.	3.4	34
105	Regulation of gene expression by miR-144/451 during mouse erythropoiesis. Blood, 2019, 133, 2518-2528.	1.4	33
106	miR-451 Deficiency Is Associated with Altered Endometrial Fibrinogen Alpha Chain Expression and Reduced Endometriotic Implant Establishment in an Experimental Mouse Model. PLoS ONE, 2014, 9, e100336.	2.5	32
107	Identification of Distal cis-Regulatory Elements at Mouse Mitoferrin Loci Using Zebrafish Transgenesis. Molecular and Cellular Biology, 2011, 31, 1344-1356.	2.3	31
108	miR-144/451 represses the LKB1/AMPK/mTOR pathway to promote red cell precursor survival during recovery from acute anemia. Haematologica, 2018, 103, 406-416.	3.5	30

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109	Transcriptional enhancement by GATA1-occupied DNA segments is strongly associated with evolutionary constraint on the binding site motif. Genome Research, 2008, 18, 1896-1905.	5.5	29
110	Î±-Hemoglobin Stabilizing Protein (AHSP) Markedly Decreases the Redox Potential and Reactivity of Î±-Subunits of Human HbA with Hydrogen Peroxide. Journal of Biological Chemistry, 2013, 288, 4288-4298.	3.4	29
111	Post-translational Transformation of Methionine to Aspartate Is Catalyzed by Heme Iron and Driven by Peroxide. Journal of Biological Chemistry, 2014, 289, 22342-22357.	3.4	29
112	Inducible Gata1 suppression expands megakaryocyte-erythroid progenitors from embryonic stem cells. Journal of Clinical Investigation, 2015, 125, 2369-2374.	8.2	29
113	A Hemoglobin Variant Associated with Neonatal Cyanosis and Anemia. New England Journal of Medicine, 2011, 364, 1837-1843.	27.0	27
114	Dysregulation of the Transforming Growth Factor Î² Pathway in Induced Pluripotent Stem Cells Generated from Patients with Diamond Blackfan Anemia. PLoS ONE, 2015, 10, e0134878.	2.5	27
115	Subunit composition of rat liver glutathione S-transferases. Biochemical and Biophysical Research Communications, 1982, 108, 461-467.	2.1	26
116	The secreted lymphangiogenic factor CCBE1 is essential for fetal liver erythropoiesis. Blood, 2013, 121, 3228-3236.	1.4	26
117	First Identification of a Gene Defect for Hypophosphatasia: Evidence That Alkaline Phosphatase Acts in Skeletal Mineralization. Connective Tissue Research, 1989, 21, 99-106.	2.3	25
118	DYRK gene structure and erythroid-restricted features of DYRK3 gene expression. Genomics, 2005, 85, 117-130.	2.9	24
119	FBXO11-mediated proteolysis of BAHD1 relieves PRC2-dependent transcriptional repression in erythropoiesis. Blood, 2021, 137, 155-167.	1.4	22
120	Kinetics of Î±-Globin Binding to Î±-Hemoglobin Stabilizing Protein (AHSP) Indicate Preferential Stabilization of Hemichrome Folding Intermediate. Journal of Biological Chemistry, 2012, 287, 11338-11350.	3.4	21
121	Activation of Î³-globin gene expression by GATA1 and NF-Y in hereditary persistence of fetal hemoglobin. Nature Genetics, 2021, 53, 1177-1186.	21.4	21
122	Integrative proteomics reveals principles of dynamic phosphosignaling networks in human erythropoiesis. Molecular Systems Biology, 2020, 16, e9813.	7.2	21
123	Probe 8B/ESâ€² detects a second RFLP at the human liver/bone/kidney alkaline phosphatase (ALPL) locus. Nucleic Acids Research, 1988, 16, 2361-2361.	14.5	19
124	Cutting red-cell production. Nature, 1999, 401, 433-435.	27.8	19
125	A cis-Proline in Î±-Hemoglobin Stabilizing Protein Directs the Structural Reorganization of Î±-Hemoglobin. Journal of Biological Chemistry, 2009, 284, 29462-29469.	3.4	19
126	Insights into Hemoglobin Assembly through in Vivo Mutagenesis of Î±-Hemoglobin Stabilizing Protein. Journal of Biological Chemistry, 2012, 287, 11325-11337.	3.4	19

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127	Î±-Hemoglobin-stabilizing Protein Is a Sensitive and Specific Marker of Erythroid Precursors. American Journal of Surgical Pathology, 2012, 36, 1538-1547.	3.7	18
128	p47phox and reactive oxygen species production modulate expression of microRNA-451 in macrophages. Free Radical Research, 2015, 49, 25-34.	3.3	18
129	Amelioration of murine sickle cell disease by nonablative conditioning and Î³-globin gene-corrected bone marrow cells. Molecular Therapy - Methods and Clinical Development, 2015, 2, 15045.	4.1	17
130	A high-frequency RFLP at the human liver/bone/kidney-type alkaline phosphatase locus. Nucleic Acids Research, 1987, 15, 860-860.	14.5	16
131	Analysis of alpha hemoglobin stabilizing protein overexpression in murine Î²â€thalassemia. American Journal of Hematology, 2010, 85, 820-822.	4.1	16
132	AHSP (Î±-haemoglobin-stabilizing protein) stabilizes apo-Î±-haemoglobin in a partially folded state. Biochemical Journal, 2010, 432, 275-282.	3.7	14
133	Dual function NFI factors control fetal hemoglobin silencing in adult erythroid cells. Nature Genetics, 2022, 54, 874-884.	21.4	13
134	Î±-Hemoglobin-stabilizing Protein (AHSP) Perturbs the Proximal Heme Pocket of Oxy-Î±-hemoglobin and Weakens the Iron-Oxygen Bond*. Journal of Biological Chemistry, 2013, 288, 19986-20001.	3.4	12
135	Dynamics of GATA1 binding and expression response in a GATA1-induced erythroid differentiation system. Genomics Data, 2015, 4, 1-7.	1.3	10
136	Nonspecific inhibition of erythropoiesis by short hairpin RNAs. Blood, 2018, 131, 2733-2736.	1.4	9
137	EMBRYONIC STEM CELLS AND HEMATOPOIETIC STEM CELL BIOLOGY. Hematology/Oncology Clinics of North America, 1997, 11, 1185-1198.	2.2	8
138	A Novel Haem-binding Interface in the 22ÂkDa Haem-binding Protein p22HBP. Journal of Molecular Biology, 2006, 362, 287-297.	4.2	8
139	Immune hemolytic anemia with drugâ€induced antibodies to carboplatin and vincristine in a pediatric patient with an optic pathway glioma. Transfusion, 2014, 54, 2901-2905.	1.6	8
140	Apneic seizures with bradycardia in a newborn. Journal of Epilepsy, 1991, 4, 173-180.	0.4	7
141	Global Predictions and Tests of Erythroid Regulatory Regions. Cold Spring Harbor Symposia on Quantitative Biology, 2003, 68, 335-344.	1.1	7
142	NF-E2: a Novel Regulator of Alpha-hemoglobin Stabilizing Protein Gene Expression. Chinese Medical Sciences Journal, 2010, 25, 193-198.	0.4	5
143	Welcoming a new age for gene therapy in hematology. Blood, 2016, 127, 2523-2524.	1.4	5
144	Stem cells unscramble yolk sac hematopoiesis. Blood, 2009, 114, 1455-1456.	1.4	4

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145	Congenital dyserythropoietic anemias: III's a charm. Blood, 2013, 121, 4614-4615.	1.4	4
146	Nuclear Factors That Regulate Erythropoiesis. , 2009, , 62-85.		3
147	Image segmentation with implicit color standardization using cascaded EM: Detection of myelodysplastic syndromes. , 2012, , .		3
148	A Cell Culture Model of Resistance Arteries. Journal of Visualized Experiments, 2017, , .	0.3	3
149	Diseased red blood cells topple iron balance. Nature Medicine, 2007, 13, 1020-1021.	30.7	2
150	Handling heme. Blood, 2005, 106, 2225-2226.	1.4	1
151	Assembly of recently translated full-length and C-terminal truncated human Î³-globin chains with a pool of Î±-globin chains to form Hb F in a cell-free system. Archives of Biochemistry and Biophysics, 2007, 463, 60-67.	3.0	1
152	Getting by with a little help from our friends. Current Opinion in Pediatrics, 2010, 22, 1.	2.0	1
153	Personalized Platelet Transfusions: One Step Closer to the Clinic. Cell Stem Cell, 2014, 14, 425-426.	11.1	1
154	Iron-laden macrophage in autoimmune disease. Blood, 2014, 123, 469-469.	1.4	1