Mark D Fleming

List of Publications by Year
in descending order

212 papers	27,072 citations	9264 74 h-index	5829 161 g-index
214 all docs	214 docs citations	214 times ranked	32404 citing authors

#	Article	IF	Citations
1	A synonymous coding variant that alters ALAS2 splicing and causes Xâ€linked sideroblastic anemia. Pediatric Blood and Cancer, 2022, 69, e29309.	1.5	1
2	Hematologic complications with age in Shwachman-Diamond syndrome. Blood Advances, 2022, 6, 297-306.	5.2	23
3	Novel diagnostic DNA methylation episignatures expand and refine the epigenetic landscapes of Mendelian disorders. Human Genetics and Genomics Advances, 2022, 3, 100075.	1.7	42
4	Hereditary myopathies associated with hematological abnormalities. Muscle and Nerve, 2022, 65, 374-390.	2.2	7
5	ITK deficiency presenting as autoimmune lymphoproliferative syndrome. Journal of Allergy and Clinical Immunology, 2021, 147, 743-745.e1.	2.9	8
6	Global loss of Tfr2 with concomitant induced iron deficiency greatly ameliorates the phenotype of a murine thalassemia intermedia model. American Journal of Hematology, 2021, 96, 251-257.	4.1	5
7	Hepcidin-Mediated Hypoferremia Disrupts Immune Responses to Vaccination and Infection. Med, 2021, 2, 164-179.e12.	4.4	53
8	Evidence in the UK Biobank for the underdiagnosis of erythropoietic protoporphyria. Genetics in Medicine, 2021, 23, 140-148.	2.4	17
9	Distinct genetic pathways define pre-malignant versus compensatory clonal hematopoiesis in Shwachman-Diamond syndrome. Nature Communications, 2021, 12, 1334.	12.8	103
10	Maternal Iron Deficiency Modulates Placental Transcriptome and Proteome in Mid-Gestation of Mouse Pregnancy. Journal of Nutrition, 2021, 151, 1073-1083.	2.9	16
11	Localization and Kinetics of the Transferrin-Dependent Iron Transport Machinery in the Mouse Placenta. Current Developments in Nutrition, 2021, 5, nzab025.	0.3	6
12	SLC25A38 congenital sideroblastic anemia: Phenotypes and genotypes of 31 individuals from 24 families, including 11 novel mutations, and a review of the literature. Human Mutation, 2021, 42, 1367-1383.	2.5	11
13	Association of unbalanced translocation der(1;7) with germline GATA2 mutations. Blood, 2021, 138, 2441-2445.	1.4	12
14	Congenital Xâ€linked Neutropenia with Myelodysplasia and Somatic Tetraploidy due to a Germline Mutation in SEPT6. American Journal of Hematology, 2021, , .	4.1	1
15	Pyridoxine Response in Mouse Alas2 Knock-in Models of X-Linked Sideroblastic Anemia and X-Linked Protoporphyria. Blood, 2021, 138, 925-925.	1.4	0
16	Prevalence and Predictors of Iron Deficiency in Adolescent and Young Adult Outpatients: Implications for Screening. Clinical Pediatrics, 2021, , 000992282110596.	0.8	1
17	Clinical features and outcomes of patients with Shwachman-Diamond syndrome and myelodysplastic syndrome or acute myeloid leukaemia: a multicentre, retrospective, cohort study. Lancet Haematology,the, 2020, 7, e238-e246.	4.6	73
18	The role of iron in mediating testosterone's effects on erythropoiesis in mice. FASEB Journal, 2020, 34, 11672-11684.	0.5	4

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19	Histologic and Laboratory Characteristics of Symptomatic and Asymptomatic Castleman Disease in the Pediatric Population. American Journal of Clinical Pathology, 2020, 153, 821-832.	0.7	8
20	Mild iron deficiency does not ameliorate the phenotype of a murine erythropoietic protoporphyria model. American Journal of Hematology, 2020, 95, 492-496.	4.1	5
21	Mutations in the iron-sulfur cluster biogenesis protein HSCB cause congenital sideroblastic anemia. Journal of Clinical Investigation, 2020, 130, 5245-5256.	8.2	13
22	Distinct Genetic Pathways Define Leukemia Predisposition Versus Adaptive Clonal Hematopoiesis in Shwachman-Diamond Syndrome. Blood, 2020, 136, 35-36.	1.4	0
23	Low iron promotes megakaryocytic commitment of megakaryocytic-erythroid progenitors in humans and mice. Blood, 2019, 134, 1547-1557.	1.4	49
24	The Human-Specific BOLA2 Duplication Modifies Iron Homeostasis and Anemia Predisposition in Chromosome 16p11.2 Autism Individuals. American Journal of Human Genetics, 2019, 105, 947-958.	6.2	30
25	A Murine Model of Chronic Lymphocytic Leukemia Based on B Cell-Restricted Expression of Sf3b1 Mutation and Atm Deletion. Cancer Cell, 2019, 35, 283-296.e5.	16.8	71
26	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.	1.4	56
27	The developmental stage of the hematopoietic niche regulates lineage in MLL-rearranged leukemia. Journal of Experimental Medicine, 2019, 216, 527-538.	8.5	27
28	Bone Marrow Morphology Associated With GermlineRUNX1Mutations in Patients With Familial Platelet Disorder With Associated Myeloid Malignancy. Pediatric and Developmental Pathology, 2019, 22, 315-328.	1.0	23
29	The molecular genetics of sideroblastic anemia. Blood, 2019, 133, 59-69.	1.4	68
30	RNAiâ€mediated reduction of hepatic Tmprss6 diminishes anemia and secondary iron overload in a splenectomized mouse model of Î²â€thalassemia intermedia. American Journal of Hematology, 2018, 93, 745-750.	4.1	16
31	The phenotypic spectrum of germline YARS2 variants: from isolated sideroblastic anemia to mitochondrial myopathy, lactic acidosis and sideroblastic anemia 2. Haematologica, 2018, 103, 2008-2015.	3.5	19
32	Recurrent heteroplasmy for the MT-ATP6 p.Ser148Asn (m.8969G>A) mutation in patients with syndromic congenital sideroblastic anemia of variable clinical severity. Haematologica, 2018, 103, e561-e563.	3.5	8
33	Normalizing hepcidin predicts TMPRSS6 mutation status in patients with chronic iron deficiency. Blood, 2018, 132, 448-452.	1.4	16
34	Congenital macrothrombocytopenia with focal myelofibrosis due to mutations in human G6b-B is rescued in humanized mice. Blood, 2018, 132, 1399-1412.	1.4	37
35	Pancreatic lipomatosis in Diamondâ€"Blackfan anemia: The importance of genetic testing in bone marrow failure disorders. American Journal of Hematology, 2018, 93, 1194-1195.	4.1	1
36	Lack of GDF11 Does Not Ameliorate Erythropoiesis in Î²-Thalassemia and Does Not Prevent the Activity of the Trap-Ligand RAP-536. Blood, 2018, 132, 165-165.	1.4	1

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37	Integrated Genomic and Proteomic Analysis of Murine CLL-like Cells Reveals SF3B1 Mutation to Impact DNA Damage Response and BCR Signaling. Blood, 2018, 132, 947-947.	1.4	0
38	Myeloid Malignancy Variant Curation Expert Panel: An ASH-Sponsored Clingen Expert Panel to Optimize and Validate Acmg/AMP Variant Interpretation Guidelines for Genes Associated with Inherited Myeloid Neoplasms. Blood, 2018, 132, 5849-5849.	1.4	0
39	Optimized Beta-Globin Expression and Enucleation from Induced Red Blood Cells for In Vitro Modeling of Sickle Cell Disease. Blood, 2018, 132, 2359-2359.	1.4	0
40	Congenital X-Linked Myelodysplasia with Tetraploidy Is Associated with De Novo Germline C-Terminal Mutation of SEPT6, a Septin Filament Protein. Blood, 2018, 132, 644-644.	1.4	0
41	UBE2O remodels the proteome during terminal erythroid differentiation. Science, 2017, 357, .	12.6	121
42	Ringed sideroblasts in Î²â€thalassemia. Pediatric Blood and Cancer, 2017, 64, e26324.	1.5	4
43	Mutations in signal recognition particle SRP54 cause syndromic neutropenia with Shwachman-Diamondâ€“like features. Journal of Clinical Investigation, 2017, 127, 4090-4103.	8.2	126
44	Hscb, a Mitochondrial Iron-Sulfur Cluster Assembly Co-Chaperone, Is a Novel Candidate Gene for Congenital Sideroblastic Anemia. Blood, 2017, 130, 79-79.	1.4	4
45	Congenital Sideroblastic Anemias: Iron and Heme Lost in Mitochondrial Translation. Blood, 2017, 130, SCI-41-SCI-41.	1.4	1
46	A novel TERC CR4/CR5 domain mutation causes telomere disease via decreased TERT binding. Blood, 2016, 128, 2089-2092.	1.4	7
47	Differing impact of the deletion of hemochromatosisâ€associated molecules HFE and transferrin receptorâ€2 on the iron phenotype of mice lacking bone morphogenetic protein 6 or hemojuvelin. Hepatology, 2016, 63, 126-137.	7.3	57
48	Effects of Testosterone on Erythropoiesis in a Female Mouse Model of Anemia of Inflammation. Endocrinology, 2016, 157, 2937-2946.	2.8	21
49	Physiologic Expression of Sf3b1 K700E Causes Impaired Erythropoiesis, Aberrant Splicing, and Sensitivity to Therapeutic Spliceosome Modulation. Cancer Cell, 2016, 30, 404-417.	16.8	318
50	Pseudouridine synthase 1 deficient mice, a model for Mitochondrial Myopathy with Sideroblastic Anemia, exhibit muscle morphology and physiology alterations. Scientific Reports, 2016, 6, 26202.	3.3	26
51	A recurring mutation in the respiratory complex 1 protein NDUFB11 is responsible for a novel form of X-linked sideroblastic anemia. Blood, 2016, 128, 1913-1917.	1.4	33
52	The placenta: the forgotten essential organ of iron transport. Nutrition Reviews, 2016, 74, 421-431.	5.8	80
53	A missense mutation in TFRC, encoding transferrin receptor 1, causes combined immunodeficiency. Nature Genetics, 2016, 48, 74-78.	21.4	219
54	A Novel Dual Monoclonal Sandwich ELISA for Human Erythroferrone. Blood, 2016, 128, 1272-1272.	1.4	2

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55	Germline and Somatic Genetic Characterization of Shwachman-Diamond Syndrome. Blood, 2016, 128, 2681-2681.	1.4	0
56	Genome-Wide Analysis of a Novel Murine Model of Chronic Lymphocytic Leukemia. Blood, 2016, 128, 967-967.	1.4	0
57	Combination therapy with a <scp>T</scp>mprss6<scp>RNA</scp>iâ€therapeutic and the oral iron chelator deferiprone additively diminishes secondary iron overload in a mouse model of Î²â€thalassemia intermedia. American Journal of Hematology, 2015, 90, 310-313.	4.1	69
58	Genomic analysis of bone marrow failure and myelodysplastic syndromes reveals phenotypic and diagnostic complexity. Haematologica, 2015, 100, 42-48.	3.5	108
59	Congenital sideroblastic anemia due to mutations in the mitochondrial HSP70 homologue HSPA9. Blood, 2015, 126, 2734-2738.	1.4	78
60	The ins and outs of erythroid heme transport. Haematologica, 2015, 100, 703-703.	3.5	4
61	Severe combined immunodeficiency (SCID) presenting with neonatal aplastic anemia. Pediatric Blood and Cancer, 2015, 62, 2047-2049.	1.5	1
62	Genomeâ€wide association study followâ€up identifies cyclin A2 as a regulator of the transition through cytokinesis during terminal erythropoiesis. American Journal of Hematology, 2015, 90, 386-391.	4.1	15
63	A competitive enzyme-linked immunosorbent assay specific for murine hepcidin-1: correlation with hepatic mRNA expression in established and novel models of dysregulated iron homeostasis. Haematologica, 2015, 100, 167-177.	3.5	28
64	Pediatric aplastic anemia and refractory cytopenia: A retrospective analysis assessing outcomes and histomorphologic predictors. American Journal of Hematology, 2015, 90, 320-326.	4.1	24
65	Screen for alterations of iron related parameters in N-ethyl-N-nitrosourea-treated mice identified mutant lines with increased plasma ferritin levels. BioMetals, 2015, 28, 293-306.	4.1	3
66	LARS2 Variants Associated with Hydrops, Lactic Acidosis, Sideroblastic Anemia, and Multisystem Failure. JIMD Reports, 2015, 28, 49-57.	1.5	48
67	Expressionof Sf3b1- K700Ein Murine B Cells Causes Pre-mRNA Splicing and Altered B Cell Differentiation and Function. Blood, 2015, 126, 366-366.	1.4	1
68	A Novel Conditional Knockout of the Diamond Blackfan Anemia Gene Rpl11 Shows Failure of Erythropoiesis, a Marked Increase in BFU-E Progenitors By Phenotype That Proliferate Poorly in Culture, and Activation of p53 Target Genes. Blood, 2015, 126, 1205-1205.	1.4	0
69	Clinico-Pathological Features and Outcomes in Patients with Congenital Sideroblastic Anemias. Blood, 2015, 126, 3355-3355.	1.4	0
70	Hereditary xerocytosis revisited. American Journal of Hematology, 2014, 89, 1142-1146.	4.1	47
71	Indolent T-lymphoblastic Proliferation With Disseminated Multinodal Involvement and Partial CD33 Expression. American Journal of Surgical Pathology, 2014, 38, 1298-1304.	3.7	27
72	The Genomic Landscape of Pediatric Ewing Sarcoma. Cancer Discovery, 2014, 4, 1326-1341.	9.4	415

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73	Xâ€linked sideroblastic anemia due to ALAS2 intron 1 enhancer element GATAâ€binding site mutations. American Journal of Hematology, 2014, 89, 315-319.	4.1	39
74	Sideroblastic Anemia. Hematology/Oncology Clinics of North America, 2014, 28, 653-670.	2.2	92
75	Modulation of Hepcidin as Therapy for Primary and Secondary Iron Overload Disorders. Hematology/Oncology Clinics of North America, 2014, 28, 387-401.	2.2	36
76	Pearson marrow pancreas syndrome in patients suspected to have Diamond-Blackfan anemia. Blood, 2014, 124, 437-440.	1.4	44
77	Mutations in TRNT1 cause congenital sideroblastic anemia with immunodeficiency, fevers, and developmental delay (SIFD). Blood, 2014, 124, 2867-2871.	1.4	162
78	Mutant Splicing Factor 3b Subunit 1 (SF3B1) Causes Dysregulated Erythropoiesis and a Stem Cell Disadvantage. Blood, 2014, 124, 828-828.	1.4	3
79	Pediatric Aplastic Anemia and Refractory Cytopenia of Childhood: A Retrospective Single Institutional Analysis to Determine Outcomes and Histomorphological Predictors. Blood, 2014, 124, 4382-4382.	1.4	0
80	An RNAi therapeutic targeting Tmprss6 decreases iron overload in Hfeâˆ’/âˆ’ mice and ameliorates anemia and iron overload in murine Î²-thalassemia intermedia. Blood, 2013, 121, 1200-1208.	1.4	180
81	High-Throughput Tyrosine Kinase Activity Profiling Identifies FAK as a Candidate Therapeutic Target in Ewing Sarcoma. Cancer Research, 2013, 73, 2873-2883.	0.9	49
82	Pathogenesis of Langerhans Cell Histiocytosis. Annual Review of Pathology: Mechanisms of Disease, 2013, 8, 1-20.	22.4	145
83	HRG1 Is Essential for Heme Transport from the Phagolysosome of Macrophages during Erythrophagocytosis. Cell Metabolism, 2013, 17, 261-270.	16.2	183
84	The IRP1-HIF-2Î± Axis Coordinates Iron and Oxygen Sensing with Erythropoiesis and Iron Absorption. Cell Metabolism, 2013, 17, 282-290.	16.2	174
85	Heme transport and erythropoiesis. Current Opinion in Chemical Biology, 2013, 17, 204-211.	6.1	46
86	Induced Pluripotent Stem Cells with a Mitochondrial DNA Deletion. Stem Cells, 2013, 31, 1287-1297.	3.2	92
87	Impact of hemochromatosis gene mutations on cardiac status in doxorubicinâ€treated survivors of childhood highâ€risk leukemia. Cancer, 2013, 119, 3555-3562.	4.1	128
88	Sideroblastic Anemias: Molecular Basis, Pathophysiology, and Clinical Aspects. Handbook of Porphyrin Science, 2013, , 43-87.	0.8	5
89	The Crystal Structure of Six-transmembrane Epithelial Antigen of the Prostate 4 (Steap4), a Ferri/Cuprireductase, Suggests a Novel Interdomain Flavin-binding Site. Journal of Biological Chemistry, 2013, 288, 20668-20682.	3.4	33
90	A novel syndrome of congenital sideroblastic anemia, B-cell immunodeficiency, periodic fevers, and developmental delay (SIFD). Blood, 2013, 122, 112-123.	1.4	101

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91	Identification and characterization of a novel murine allele of Tmprss6. Haematologica, 2013, 98, 854-861.	3.5	6
92	GATA2 Mutations In Pediatric Myelodysplastic Syndromes and Bone Marrow Failure. Blood, 2013, 122, 1520-1520.	1.4	3
93	An RNAi-Therapeutic Targeting Tmprss6, in Conjunction With Oral Chelator Therapy, Ameliorates Anemia and Additively Diminishes Secondary Iron Overload In a Mouse Model Of Î²-Thalassemia Intermedia. Blood, 2013, 122, 1019-1019.	1.4	0
94	Pearson Marrow Pancreas Syndrome In a Cohort Of Diamond Blackfan Anemia Patients. Blood, 2013, 122, 1226-1226.	1.4	0
95	A novel rat model of hereditary hemochromatosis due to a mutation in transferrin receptor 2. Comparative Medicine, 2013, 63, 143-55.	1.0	13
96	Mitochondrial Atpif1 regulates haem synthesis in developing erythroblasts. Nature, 2012, 491, 608-612.	27.8	78
97	Hemojuvelin is essential for transferrin-dependent and transferrin-independent hepcidin expression in mice. Haematologica, 2012, 97, 189-192.	3.5	15
98	Murine mutants in the study of systemic iron metabolism and its disorders: An update on recent advances. Biochimica Et Biophysica Acta - Molecular Cell Research, 2012, 1823, 1444-1450.	4.1	6
99	Transgenic HFEâ€dependent induction of hepcidin in mice does not require transferrin receptorâ€2. American Journal of Hematology, 2012, 87, 588-595.	4.1	46
100	QTLs for murine red blood cell parameters in LG/J and SM/J F2 and advanced intercross lines. Mammalian Genome, 2012, 23, 356-366.	2.2	7
101	Mitochondrial heme: an exit strategy at last. Journal of Clinical Investigation, 2012, 122, 4328-4330.	8.2	21
102	RNAi-Mediated Inhibition of Tmprss6 Ameliorates Anemia and Secondary Iron Overload in a Mouse Model of Î²-Thalassemia Intermedia and Decreases Iron Overload in Hfeâˆ’/âˆ’ Mice. Blood, 2012, 120, 1018-1018.	1.4	0
103	A Novel Rat Model of Hereditary Hemochromatosis Due to a Mutation in Transferrin Receptor 2. Blood, 2012, 120, 612-612.	1.4	2
104	Transferrin is a major determinant of hepcidin expression in hypotransferrinemic mice. Blood, 2011, 117, 630-637.	1.4	71
105	Design and Validation of a High-Throughput Matrix-Assisted Laser Desorption Ionization Time-of-Flight Mass Spectrometry Method for Quantification of Hepcidin in Human Plasma. Analytical Chemistry, 2011, 83, 8357-8362.	6.5	20
106	Iron Overload in Patients with Acute Leukemia or MDS Undergoing Myeloablative Stem Cell Transplantation. Biology of Blood and Marrow Transplantation, 2011, 17, 852-860.	2.0	98
107	A polymorphism in the leptin gene promoter is associated with anemia in patients with HIV disease. Blood, 2011, 118, 5401-5408.	1.4	7
108	Loss of SPEF2 Function in Mice Results in Spermatogenesis Defects and Primary Ciliary Dyskinesia1. Biology of Reproduction, 2011, 85, 690-701.	2.7	118

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109	Congenital Sideroblastic Anemias: Iron and Heme Lost in Mitochondrial Translation. Hematology American Society of Hematology Education Program, 2011, 2011, 525-531.	2.5	82
110	Perturbation of hepcidin expression by BMP type I receptor deletion induces iron overload in mice. Blood, 2011, 118, 4224-4230.	1.4	161
111	Pathology of the Liver in Familial Hemophagocytic Lymphohistiocytosis. American Journal of Surgical Pathology, 2010, 34, 852-867.	3.7	64
112	Down-regulation of Bmp/Smad signaling by Tmprss6 is required for maintenance of systemic iron homeostasis. Blood, 2010, 115, 3817-3826.	1.4	145
113	Recurrent BRAF mutations in Langerhans cell histiocytosis. Blood, 2010, 116, 1919-1923.	1.4	996
114	Endogenous oncogenic Nras mutation promotes aberrant GM-CSF signaling in granulocytic/monocytic precursors in a murine model of chronic myelomonocytic leukemia. Blood, 2010, 116, 5991-6002.	1.4	109
115	Hepcidin induction by transgenic overexpression of Hfe does not require the Hfe cytoplasmic tail, but does require hemojuvelin. Blood, 2010, 116, 5679-5687.	1.4	23
116	T-Lymphoblastic Lymphoma Cells Express High Levels of BCL2, S1P1, and ICAM1, Leading to a Blockade of Tumor Cell Intravasation. Cancer Cell, 2010, 18, 353-366.	16.8	141
117	Characterization of mitochondrial ferritinâ€deficient mice. American Journal of Hematology, 2010, 85, 958-960.	4.1	19
118	Systematic molecular genetic analysis of congenital sideroblastic anemia: Evidence for genetic heterogeneity and identification of novel mutations. Pediatric Blood and Cancer, 2010, 54, 273-278.	1.5	115
119	SBDS protein expression patterns in the bone marrow. Pediatric Blood and Cancer, 2010, 55, 546-549.	1.5	7
120	Musashi-2 regulates normal hematopoiesis and promotes aggressive myeloid leukemia. Nature Medicine, 2010, 16, 903-908.	30.7	338
121	Common Variants at 10 Genomic Loci Influence Hemoglobin A1C Levels via Glycemic and Nonglycemic Pathways. Diabetes, 2010, 59, 3229-3239.	0.6	387
122	Potential biomarkers of bortezomib activity in mantle cell lymphoma from the phase 2 PINNACLE trial. Leukemia and Lymphoma, 2010, 51, 1269-1277.	1.3	31
123	High-Throughput Matrix-Assisted Laser Desorption Ionization-Time-of-Flight Mass Spectrometry Method for Quantification of Hepcidin in Human Urine. Analytical Chemistry, 2010, 82, 1551-1555.	6.5	28
124	Cdk5rap2 regulates centrosome function and chromosome segregation in neuronal progenitors. Development (Cambridge), 2010, 137, 1907-1917.	2.5	233
125	A tincture of hepcidin cures all: the potential for hepcidin therapeutics. Journal of Clinical Investigation, 2010, 120, 4187-4190.	8.2	13
126	Cdk5rap2 regulates centrosome function and chromosome segregation in neuronal progenitors. Journal of Cell Science, 2010, 123, e1-e1.	2.0	0

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127	MicroRNA Mir-125b Causes Leukemia. Blood, 2010, 116, 3158-3158.	1.4	1
128	Derivation of Disease-Free Induced Pluripotent Stem Cells From Patients with Pearson Marrow Pancreas Syndrome. Blood, 2010, 116, 3-3.	1.4	0
129	Endogenous Oncogenic Nras Mutation Leads to Aberrant GM-CSF Signaling In Granulocytic/Monocytic Precursors In a Murine Model of Chronic Myelomonocytic Leukemia. Blood, 2010, 116, 4180-4180.	1.4	0
130	Toll Receptors and Langerhans Cell Histiocytosis.. Blood, 2010, 116, 3793-3793.	1.4	0
131	Emi1 Maintains Genomic Integrity during Zebrafish Embryogenesis and Cooperates with p53 in Tumor Suppression. Molecular and Cellular Biology, 2009, 29, 5911-5922.	2.3	33
132	Mutations in mitochondrial carrier family gene SLC25A38 cause nonsyndromic autosomal recessive congenital sideroblastic anemia. Nature Genetics, 2009, 41, 651-653.	21.4	220
133	Identification of a Steap3 endosomal targeting motif essential for normal iron metabolism. Blood, 2009, 113, 1805-1808.	1.4	75
134	Oncogenic Kras-induced leukemogeneis: hematopoietic stem cells as the initial target and lineage-specific progenitors as the potential targets for final leukemic transformation. Blood, 2009, 113, 1304-1314.	1.4	91
135	Histiocytoses. , 2009, , 963-988.		4
136	The Clinical and Genetic Spectrum of TMPRSS6 Mutations Leading to Inappropriate Hepcidin Expression and Iron Refractory Iron Deficiency Anemia (IRIDA).. Blood, 2009, 114, 629-629.	1.4	4
137	Tmprss6 Is a Genetic Modifier of the Hfe-Hemochromatosis Phenotype in Mice.. Blood, 2009, 114, 625-625.	1.4	0
138	Aggressive Langerhans cell histiocytosis following Tâ€ALL: Clonally related neoplasms with persistent expression of constitutively active NOTCH1. American Journal of Hematology, 2008, 83, 116-121.	4.1	63
139	Regulation of progenitor cell proliferation and granulocyte function by microRNA-223. Nature, 2008, 451, 1125-1129.	27.8	1,097
140	The M2 splice isoform of pyruvate kinase is important for cancer metabolism and tumour growth. Nature, 2008, 452, 230-233.	27.8	2,423
141	Haem homeostasis is regulated by the conserved and concerted functions of HRG-1 proteins. Nature, 2008, 453, 1127-1131.	27.8	275
142	Mutations in TMPRSS6 cause iron-refractory iron deficiency anemia (IRIDA). Nature Genetics, 2008, 40, 569-571.	21.4	586
143	Mutations in the Serum/Glucocorticoid Regulated Kinase 3 (Sgk3) Are Responsible for the Mouse Fuzzy (fz) Hair Phenotype. Journal of Investigative Dermatology, 2008, 128, 730-732.	0.7	11
144	Structure of the membrane proximal oxidoreductase domain of human Steap3, the dominant ferrireductase of the erythroid transferrin cycle. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 7410-7415.	7.1	83

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145	Primary Ciliary Dyskinesia in Mice Lacking the Novel Ciliary Protein Pcdp1. Molecular and Cellular Biology, 2008, 28, 949-957.	2.3	105
146	The Regulation of Hepcidin and Its Effects on Systemic and Cellular Iron Metabolism. Hematology American Society of Hematology Education Program, 2008, 2008, 151-158.	2.5	96
147	hem6: an ENU-induced recessive hypochromic microcytic anemia mutation in the mouse. Blood, 2008, 112, 4308-4313.	1.4	4
148	Assessment of SBDS Expression Patterns in Human Marrow Hematopoietic and Stromal Cells by Immunohistochemistry and Its Use as a Diagnostic Screen for Schwachman-Diamond Syndrome. Blood, 2008, 112, 41-41.	1.4	5
149	CD4+/CD56+ Hematodermic Neoplasm (â€œBlastic Natural Killer Cell Lymphomaâ€). American Journal of Clinical Pathology, 2007, 128, 445-453.	0.7	74
150	Abcb7, the gene responsible for X-linked sideroblastic anemia with ataxia, is essential for hematopoiesis. Blood, 2007, 109, 3567-3569.	1.4	151
151	Response: What's in a name?. Blood, 2007, 110, 2771-2771.	1.4	1
152	X-linked gray platelet syndrome due to a GATA1 Arg216Gln mutation. Blood, 2007, 109, 3297-3299.	1.4	100
153	Genetic variation in Mon1a affects protein trafficking and modifies macrophage iron loading in mice. Nature Genetics, 2007, 39, 1025-1032.	21.4	61
154	Loss of the Acyl-CoA Binding Protein (Acbp) Results in Fatty Acid Metabolism Abnormalities in Mouse Hair and Skin. Journal of Investigative Dermatology, 2007, 127, 16-23.	0.7	41
155	Immunohistochemical Analyses for Potential Biomarkers of Bortezomib Activity in Mantle Cell Lymphoma from the PINNACLE Phase 2 Trial.. Blood, 2007, 110, 2573-2573.	1.4	6
156	The Steap proteins are metalloreductases. Blood, 2006, 108, 1388-1394.	1.4	519
157	AKT induces erythroid-cell maturation of JAK2-deficient fetal liver progenitor cells and is required for Epo regulation of erythroid-cell differentiation. Blood, 2006, 107, 1888-1891.	1.4	69
158	Erythropoietin stimulates phosphorylation and activation of GATA-1 via the PI3-kinase/AKT signaling pathway. Blood, 2006, 107, 907-915.	1.4	165
159	Iron-responsive degradation of iron-regulatory protein 1 does not require the Feâ€“S cluster. EMBO Journal, 2006, 25, 544-553.	7.8	87
160	Immunosurveillance and Survivin-Specific T-Cell Immunity in Children With High-Risk Neuroblastoma. Journal of Clinical Oncology, 2006, 24, 5725-5734.	1.6	84
161	The mitochondrial ATP-binding cassette transporter Abcb7 is essential in mice and participates in cytosolic ironâ€“sulfur cluster biogenesis. Human Molecular Genetics, 2006, 15, 953-964.	2.9	200
162	Evidence for a protective role of the Gardos channel against hemolysis in murine spherocytosis. Blood, 2005, 106, 1454-1459.	1.4	29

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