R Keith Humphries

List of Publications by Year
in descending order

163 papers	14,927 citations	17440 63 h-index	18647 119 g-index
165 all docs	165 docs citations	165 times ranked	15775 citing authors

#	Article	IF	Citations
1	Somatic mutations altering EZH2 (Tyr641) in follicular and diffuse large B-cell lymphomas of germinal-center origin. Nature Genetics, 2010, 42, 181-185.	21.4	1,504
2	HOXB4-Induced Expansion of Adult Hematopoietic Stem Cells Ex Vivo. Cell, 2002, 109, 39-45.	28.9	644
3	Identification of miR-145 and miR-146a as mediators of the 5qâ€“ syndrome phenotype. Nature Medicine, 2010, 16, 49-58.	30.7	588
4	Somatic mutations at EZH2 Y641 act dominantly through a mechanism of selectively altered PRC2 catalytic activity, to increase H3K27 trimethylation. Blood, 2011, 117, 2451-2459.	1.4	556
5	Correction of Sickle Cell Disease in Transgenic Mouse Models by Gene Therapy. Science, 2001, 294, 2368-2371.	12.6	536
6	5-Azacytidine Selectively Increases Î³-Globin Synthesis in a Patient with Î²⁺Thalassemia. New England Journal of Medicine, 1982, 307, 1469-1475.	27.0	488
7	Pyrimidoindole derivatives are agonists of human hematopoietic stem cell self-renewal. Science, 2014, 345, 1509-1512.	12.6	470
8	A human parvovirus-like virus inhibits haematopoietic colony formation in vitro. Nature, 1983, 302, 426-429.	27.8	330
9	High-throughput analysis of single hematopoietic stem cell proliferation in microfluidic cell culture arrays. Nature Methods, 2011, 8, 581-586.	19.0	299
10	The Lin28bâ€“let-7â€“Hmga2 axis determines the higher self-renewal potential of fetal haematopoietic stem cells. Nature Cell Biology, 2013, 15, 916-925.	10.3	292
11	Mice Bearing a Targeted Interruption of the Homeobox Gene HOXA9 Have Defects in Myeloid, Erythroid, and Lymphoid Hematopoiesis. Blood, 1997, 89, 1922-1930.	1.4	288
12	In vitro expansion of hematopoietic stem cells by recombinant TAT-HOXB4 protein. Nature Medicine, 2003, 9, 1428-1432.	30.7	282
13	Differential expression of Hox, Meis1, and Pbx1 genes in primitive cells throughout murine hematopoietic ontogeny. Experimental Hematology, 2002, 30, 49-57.	0.4	247
14	Regulation of SLAM-mediated signal transduction by SAP, the X-linked lymphoproliferative gene product. Nature Immunology, 2001, 2, 681-690.	14.5	245
15	SHIP-deficient mice are severely osteoporotic due to increased numbers of hyper-resorptive osteoclasts. Nature Medicine, 2002, 8, 943-949.	30.7	237
16	The Role of <i>HOX</i> Homeobox Genes in Normal and Leukemic Hematopoiesis. Stem Cells, 1996, 14, 281-291.	3.2	216
17	The AML1-ETO fusion gene and the FLT3 length mutation collaborate in inducing acute leukemia in mice. Journal of Clinical Investigation, 2005, 115, 2159-2168.	8.2	194
18	Differences in human Î±-, Î²- and Î´-globin gene expression in monkey kidney cells. Cell, 1982, 30, 173-183.	28.9	189

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19	Permanent and panerythroid correction of murine Â thalassemia by multiple lentiviral integration in hematopoietic stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 14380-14385.	7.1	185
20	Loss of expression of the Hoxa-9 homeobox gene impairs the proliferation and repopulating ability of hematopoietic stem cells. Blood, 2005, 106, 3988-3994.	1.4	183
21	In vitro and in vivo expansion of hematopoietic stem cells. Oncogene, 2004, 23, 7223-7232.	5.9	174
22	<i>Polycomb</i> Group Gene <i>rae28</i> Is Required for Sustaining Activity of Hematopoietic Stem Cells. Journal of Experimental Medicine, 2002, 195, 759-770.	8.5	172
23	Transfer of the human telomerase reverse transcriptase(TERT) gene into T lymphocytes results in extension of replicative potential. Blood, 2001, 98, 597-603.	1.4	171
24	In-depth characterization of the microRNA transcriptome in a leukemia progression model. Genome Research, 2008, 18, 1787-1797.	5.5	162
25	GPR56 identifies primary human acute myeloid leukemia cells with high repopulating potential in vivo. Blood, 2016, 127, 2018-2027.	1.4	148
26	A Dual Role for Src Homology 2 Domainâ€“Containing Inositol-5-Phosphatase (Ship) in Immunity. Journal of Experimental Medicine, 2000, 191, 781-794.	8.5	146
27	Loss-of-function Additional sex combs like 1 mutations disrupt hematopoiesis but do not cause severe myelodysplasia or leukemia. Blood, 2010, 115, 38-46.	1.4	141
28	Enhanced In Vivo Regenerative Potential of HOXB4-Transduced Hematopoietic Stem Cells With Regulation of Their Pool Size. Blood, 1999, 94, 2605-2612.	1.4	136
29	Induction of acute myeloid leukemia in mice by the human leukemia-specific fusion gene NUP98-HOXD13 in concert with Meis1. Blood, 2003, 101, 4529-4538.	1.4	136
30	Hox regulation of normal and leukemic hematopoietic stem cells. Current Opinion in Hematology, 2005, 12, 210-216.	2.5	135
31	Correlation of Murine Embryonic Stem Cell Gene Expression Profiles with Functional Measures of Pluripotency. Stem Cells, 2005, 23, 663-680.	3.2	135
32	Ectopic expression of the homeobox gene Cdx2 is the transforming event in a mouse model of t(12;13)(p13;q12) acute myeloid leukemia. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 817-822.	7.1	133
33	MN1 overexpression induces acute myeloid leukemia in mice and predicts ATRA resistance in patients with AML. Blood, 2007, 110, 1639-1647.	1.4	133
34	Differential Regulation of B Cell Development, Activation, and Death by the Src Homology 2 Domainâ€“Containing 5â€² Inositol Phosphatase (Ship). Journal of Experimental Medicine, 2000, 191, 1545-1554.	8.5	122
35	The methyltransferase G9a regulates HoxA9-dependent transcription in AML. Genes and Development, 2014, 28, 317-327.	5.9	121
36	Acute myeloid leukemia is propagated by a leukemic stem cell with lymphoid characteristics in a mouse model of CALM/AF10-positive leukemia. Cancer Cell, 2006, 10, 363-374.	16.8	119

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37	Deregulated expression of HOXB4 enhances the primitive growth activity of human hematopoietic cells. Blood, 2002, 100, 862-868.	1.4	118
38	Clonal Hematopoiesis Demonstrated by X-Linked DNA Polymorphisms after Allogeneic Bone Marrow Transplantation. New England Journal of Medicine, 1989, 320, 1655-1661.	27.0	113
39	Reduced Proliferative Capacity of Hematopoietic Stem Cells Deficient in Hoxb3 and Hoxb4. Molecular and Cellular Biology, 2003, 23, 3872-3883.	2.3	110
40	Genome-wide identification of human microRNAs located in leukemia-associated genomic alterations. Blood, 2011, 117, 595-607.	1.4	105
41	CBL Exon 8/9 Mutants Activate the FLT3 Pathway and Cluster in Core Binding Factor/11q Deletion Acute Myeloid Leukemia/Myelodysplastic Syndrome Subtypes. Clinical Cancer Research, 2009, 15, 2238-2247.	7.0	102
42	High incidence of leukemia in large animals after stem cell gene therapy with a HOXB4-expressing retroviral vector. Journal of Clinical Investigation, 2008, 118, 1502-1510.	8.2	102
43	Loss of Mll5 results in pleiotropic hematopoietic defects, reduced neutrophil immune function, and extreme sensitivity to DNA demethylation. Blood, 2009, 113, 1432-1443.	1.4	101
44	High-level Î²-globin expression and preferred intragenic integration after lentiviral transduction of human cord blood stem cells. Journal of Clinical Investigation, 2004, 114, 953-962.	8.2	100
45	Overexpression of HOXA10 perturbs human lymphomyelopoiesis in vitro and in vivo. Blood, 2001, 97, 2286-2292.	1.4	98
46	MicroRNA-146a disrupts hematopoietic differentiation and survival. Experimental Hematology, 2011, 39, 167-178.e4.	0.4	96
47	Altered responsiveness to chemokines due to targeted disruption of SHIP. Journal of Clinical Investigation, 1999, 104, 1751-1759.	8.2	94
48	Differential and Common Leukemogenic Potentials of Multiple NUP98-Hox Fusion Proteins Alone or with Meis1. Molecular and Cellular Biology, 2004, 24, 1907-1917.	2.3	92
49	Comprehensive analysis of mammalian miRNA* species and their role in myeloid cells. Blood, 2011, 118, 3350-3358.	1.4	90
50	The Inositol 5â€²-Phosphatase SHIP-1 and the Src Kinase Lyn Negatively Regulate Macrophage Colony-stimulating Factor-induced Akt Activity. Journal of Biological Chemistry, 2003, 278, 38628-38636.	3.4	89
51	Hoxa9 and Meis1 Cooperatively Induce Addiction to Syk Signaling by Suppressing miR-146a in Acute Myeloid Leukemia. Cancer Cell, 2017, 31, 549-562.e11.	16.8	89
52	Characterization of Asxl1, a murine homolog of Additional sex combs, and analysis of the Asx-like gene family. Gene, 2006, 369, 109-118.	2.2	87
53	Unraveling the crucial roles of <i>Meis1</i> in leukemogenesis and normal hematopoiesis. Genes and Development, 2007, 21, 2845-2849.	5.9	87
54	NOTCH1 promotes T cell leukemia-initiating activity by RUNX-mediated regulation of PKC-Î¸ and reactive oxygen species. Nature Medicine, 2012, 18, 1693-1698.	30.7	81

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55	Sustained High-Level Reconstitution of the Hematopoietic System by Preselected Hematopoietic Cells Expressing a Transduced Cell-Surface Antigen. Human Gene Therapy, 1997, 8, 1595-1604.	2.7	79
56	The Competitive Nature of HOXB4-Transduced HSC Is Limited by PBX1. Immunity, 2003, 18, 561-571.	14.3	78
57	Cell of Origin in AML: Susceptibility to MN1-Induced Transformation Is Regulated by the MEIS1/AbdB-like HOX Protein Complex. Cancer Cell, 2011, 20, 39-52.	16.8	76
58	MiRNAs, epigenetics, and cancer. Mammalian Genome, 2008, 19, 517-25.	2.2	75
59	HoxGenes: From Leukemia to Hematopoietic Stem Cell Expansion. Annals of the New York Academy of Sciences, 2005, 1044, 109-116.	3.8	72
60	Activation of Stem-Cell Specific Genes by HOXA9 and HOXA10 Homeodomain Proteins in CD34+Human Cord Blood Cells. Stem Cells, 2005, 23, 644-655.	3.2	71
61	Modeling the functional heterogeneity of leukemia stem cells: role of STAT5 in leukemia stem cell self-renewal. Blood, 2009, 114, 3983-3993.	1.4	69
62	A transgenic mouse model demonstrating the oncogenic role of mutations in the polycomb-group gene EZH2 in lymphomagenesis. Blood, 2014, 123, 3914-3924.	1.4	69
63	Endogenous Tumor Suppressor microRNA-193b: Therapeutic and Prognostic Value in Acute Myeloid Leukemia. Journal of Clinical Oncology, 2018, 36, 1007-1016.	1.6	67
64	HOX HOMEOBOX GENES AS REGULATORS OF NORMAL AND LEUKEMIC HEMATOPOIESIS. Hematology/Oncology Clinics of North America, 1997, 11, 1221-1237.	2.2	63
65	High-level Î²-globin expression and preferred intragenic integration after lentiviral transduction of human cord blood stem cells. Journal of Clinical Investigation, 2004, 114, 953-962.	8.2	60
66	Molecular interactions involved in HOXB4-induced activation of HSC self-renewal. Blood, 2004, 104, 2307-2314.	1.4	58
67	Clonal Analysis via Barcoding Reveals Diverse Growth and Differentiation of Transplanted Mouse and Human Mammary Stem Cells. Cell Stem Cell, 2014, 14, 253-263.	11.1	57
68	Linkage of Meis1 leukemogenic activity to multiple downstream effectors including Trib2 and Ccl3. Experimental Hematology, 2008, 36, 845-859.	0.4	56
69	Functional Cloning and Characterization of a Novel Nonhomeodomain Protein That Inhibits the Binding of PBX1-HOX Complexes to DNA. Journal of Biological Chemistry, 2000, 275, 26172-26177.	3.4	55
70	The Flt3 receptor tyrosine kinase collaborates with NUP98-HOX fusions in acute myeloid leukemia. Blood, 2006, 108, 1030-1036.	1.4	55
71	Near-maximal expansions of hematopoietic stem cells in culture using NUP98-HOX fusions. Experimental Hematology, 2007, 35, 817-830.	0.4	54
72	Candidate Genes for Expansion and Transformation of Hematopoietic Stem Cells by NUP98-HOX Fusion Genes. PLoS ONE, 2007, 2, e768.	2.5	53

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73	Enhanced normal short-term human myelopoiesis in mice engineered to express human-specific myeloid growth factors. Blood, 2013, 121, e1-e4.	1.4	51
74	Differential Effects of HOXB4 on Nonhuman Primate Short- and Long-Term Repopulating Cells. PLoS Medicine, 2006, 3, e173.	8.4	51
75	Homeostasis and regeneration of the hematopoietic stem cell pool are altered in SHIP-deficient mice. Blood, 2003, 102, 3541-3547.	1.4	49
76	Acute Myeloid Leukemia and the Wnt Pathway. New England Journal of Medicine, 2010, 362, 2326-2327.	27.0	46
77	Proliferation of primitive myeloid progenitors can be reversibly induced by HOXA10. Blood, 2001, 98, 3301-3308.	1.4	43
78	NUP98-Topoisomerase I acute myeloid leukemia-associated fusion gene has potent leukemogenic activities independent of an engineered catalytic site mutation. Blood, 2004, 104, 1127-1136.	1.4	42
79	Hepatic leukemia factor is a novel leukemic stem cell regulator in DNMT3A, NPM1, and FLT3-ITD triple-mutated AML. Blood, 2019, 134, 263-276.	1.4	41
80	Huntingtin is required for normal hematopoiesis. Human Molecular Genetics, 2000, 9, 387-394.	2.9	40
81	Enforced adenoviral vector-mediated expression of HOXB4 in human umbilical cord blood cd34+ cells promotes myeloid differentiation but not proliferation. Molecular Therapy, 2003, 8, 618-628.	8.2	40
82	Beyond Hox: the role of ParaHox genes in normal and malignant hematopoiesis. Blood, 2012, 120, 519-527.	1.4	39
83	Notch-mediated repression of miR-223 contributes to IGF1R regulation in T-ALL. Leukemia Research, 2012, 36, 905-911.	0.8	39
84	Concise Review: Multidimensional Regulation of the Hematopoietic Stem Cell State. Stem Cells, 2012, 30, 82-88.	3.2	38
85	Pharmacological Manipulation of Fetal Hemoglobin Synthesis in Patients with Severe ?-Thalassemia. Annals of the New York Academy of Sciences, 1985, 445, 198-211.	3.8	37
86	Life Without Huntingtin. Normal Differentiation into FunctionalNeurons. Journal of Neurochemistry, 1999, 72, 1009-1018.	3.9	37
87	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
88	Single-cell analysis identifies a CD33+ subset of human cord blood cells with high regenerative potential. Nature Cell Biology, 2018, 20, 710-720.	10.3	36
89	Distinct signaling programs control human hematopoietic stem cell survival and proliferation. Blood, 2017, 129, 307-318.	1.4	35
90	Cellulose as an inert matrix for presenting cytokines to target cells: production and properties of a stem cell factorâ€'cellulose-binding domain fusion protein. Biochemical Journal, 1999, 339, 429.	3.7	34

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91	Vascular Endothelial Growth Factor Receptor-2 Induces Survival of Hematopoietic Progenitor Cells. Journal of Biological Chemistry, 2003, 278, 22006-22013.	3.4	34
92	Enhanced in vivo selection of bone marrow cells by retroviral-mediated coexpression of mutant O6-methylguanine-DNA-methyltransferase and HOXB4. Molecular Therapy, 2004, 10, 862-873.	8.2	32
93	Analysis of parameters that affect human hematopoietic cell outputs in mutant c-kit-immunodeficient mice. Experimental Hematology, 2017, 48, 41-49.	0.4	32
94	Efficient retrovirus-mediated gene transfer to transplantable human bone marrow cells in the absence of fibronectin. Blood, 2000, 96, 2432-2439.	1.4	31
95	Functional characterization of multiple domains involved in the subcellular localization of the hematopoietic Pbx interacting protein (HPIP). Oncogene, 2002, 21, 6766-6771.	5.9	31
96	Effects of HOXB4 Overexpression on Ex Vivo Expansion and Immortalization of Hematopoietic Cells from Different Species. Stem Cells, 2007, 25, 2074-2081.	3.2	30
97	Combination of HOXB4 and Delta-1 ligand improves expansion of cord blood cells. Blood, 2010, 116, 5859-5866.	1.4	30
98	The miR-185/PAK6 axis predicts therapy response and regulates survival of drug-resistant leukemic stem cells in CML. Blood, 2020, 136, 596-609.	1.4	30
99	High-Efficiency Retroviral Transduction of Mammalian Cells on Positively Charged Surfaces. Human Gene Therapy, 2000, 11, 43-51.	2.7	29
100	Linkage of the potent leukemogenic activity of Meis1 to cell-cycle entry and transcriptional regulation of cyclin D3. Blood, 2010, 115, 4071-4082.	1.4	28
101	MicroRNA-223 dose levels fine tune proliferation and differentiation in human cord blood progenitors and acute myeloid leukemia. Experimental Hematology, 2015, 43, 858-868.e7.	0.4	28
102	Impact of MLL5 expression on decitabine efficacy and DNA methylation in acute myeloid leukemia. Haematologica, 2014, 99, 1456-1464.	3.5	26
103	Variable expression of features of normal and neoplastic stem cells in patients with thrombocytosis. British Journal of Haematology, 1992, 82, 50-57.	2.5	25
104	Next steps for Experimental Hematology. Experimental Hematology, 2011, 39, 1.	0.4	25
105	Sustained in vitro trigger of self-renewal divisions in Hoxb4hiPbx1lo hematopoietic stem cells. Experimental Hematology, 2007, 35, 802.e1-802.e19.	0.4	24
106	Identification of E74-like factor 1 (ELF1) as a transcriptional regulator of the Hox cofactor MEIS1. Experimental Hematology, 2010, 38, 798-808.e2.	0.4	24
107	Expression of a human Î²-globin transgene in erythroid cells derived from retrovirally transduced transplantable human fetal liver and cord blood cells. Blood, 2002, 100, 1257-1264.	1.4	23
108	Expression of an anti-sickling Î²-globin in human erythroblasts derived from retrovirally transduced primitive normal and sickle cell disease hematopoietic cells. Experimental Hematology, 2004, 32, 461-469.	0.4	23

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109	Modeling de novo leukemogenesis from human cord blood with MN1 and NUP98HOXD13. Blood, 2014, 124, 3608-3612.	1.4	23
110	Human models of NUP98-KDM5A megakaryocytic leukemia in mice contribute to uncovering new biomarkers and therapeutic vulnerabilities. Blood Advances, 2019, 3, 3307-3321.	5.2	23
111	Interleukin-3 (IL-3) Inhibits Erythropoietin-induced Differentiation in Ba/F3 Cells via the IL-3 Receptor Î± Subunit. Journal of Biological Chemistry, 1996, 271, 27432-27437.	3.4	20
112	IGF signaling contributes to malignant transformation of hematopoietic progenitors by the MLL-AF9 oncoprotein. Experimental Hematology, 2012, 40, 715-723.e6.	0.4	20
113	Prolonged self-renewal activity unmasks telomerase control of telomere homeostasis and function of mouse hematopoietic stem cells. Blood, 2011, 118, 1766-1773.	1.4	19
114	Hematopoietic stem cell expansion facilitates multilineage engraftment in a nonhuman primate cord blood transplantation model. Experimental Hematology, 2012, 40, 187-196.	0.4	19
115	Ontogeny stage-independent and high-level clonal expansion in vitro of mouse hematopoietic stem cells stimulated by an engineered NUP98-HOX fusion transcription factor. Blood, 2011, 118, 4366-4376.	1.4	18
116	Myelosuppressive Conditioning Using Busulfan Enables Bone Marrow Cell Accumulation in the Spinal Cord of a Mouse Model of Amyotrophic Lateral Sclerosis. PLoS ONE, 2013, 8, e60661.	2.5	18
117	Delineating domains and functions of NUP98 contributing to the leukemogenic activity of NUP98-HOX fusions. Leukemia Research, 2011, 35, 545-550.	0.8	17
118	Pyrimethamine as a Potent and Selective Inhibitor of Acute Myeloid Leukemia Identified by High-throughput Drug Screening. Current Cancer Drug Targets, 2016, 16, 818-828.	1.6	17
119	Meis1 Is Required for Adult Mouse Erythropoiesis, Megakaryopoiesis and Hematopoietic Stem Cell Expansion. PLoS ONE, 2016, 11, e0151584.	2.5	17
120	Retroviral integration site analysis identifies ICSBP as a collaborating tumor suppressor gene in NUP98-TOP1-induced leukemia. Experimental Hematology, 2006, 34, 1191-1200.	0.4	16
121	Varying levels of aldehyde dehydrogenase activity in adult murine marrow hematopoietic stem cells are associated with engraftment and cell cycle status. Experimental Hematology, 2012, 40, 857-866.e5.	0.4	16
122	A Lentiviral Fluorescent Genetic Barcoding System for Flow Cytometry-Based Multiplex Tracking. Molecular Therapy, 2017, 25, 606-620.	8.2	16
123	Targeted therapy for a subset of acute myeloid leukemias that lack expression of aldehyde dehydrogenase 1A1. Haematologica, 2017, 102, 1054-1065.	3.5	16
124	Cell Fate Decisions in Malignant Hematopoiesis: Leukemia Phenotype Is Determined by Distinct Functional Domains of the MN1 Oncogene. PLoS ONE, 2014, 9, e112671.	2.5	15
125	Attempts at Gene Therapy in Î²-Thalassemic Mice. Annals of the New York Academy of Sciences, 2006, 445, 445-451.	3.8	13
126	Involvement of tyrosine kinase signaling in maintaining murine embryonic stem cell functionality. Experimental Hematology, 2007, 35, 1293-1302.	0.4	13

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127	Lentiviral Fluorescent Genetic Barcoding for Multiplex Fate Tracking of Leukemic Cells. Molecular Therapy - Methods and Clinical Development, 2017, 6, 54-65.	4.1	13
128	Effective drug treatment identified by in vivo screening in a transplantable patient-derived xenograft model of chronic myelomonocytic leukemia. Leukemia, 2020, 34, 2951-2963.	7.2	13
129	Retroviral Vectors Aimed at the Gene Therapy of Human beta-Globin Gene Disordersa. Annals of the New York Academy of Sciences, 1998, 850, 151-162.	3.8	12
130	The Blood Stem Cell Holy Grail?. Science, 2010, 329, 1291-1292.	12.6	12
131	MicroRNA-708 is a novel regulator of the Hoxa9 program in myeloid cells. Leukemia, 2020, 34, 1253-1265.	7.2	12
132	Controlled stem cell amplification by HOXB4 depends on its unique proline-rich region near the N terminus. Blood, 2017, 129, 319-323.	1.4	11
133	3 Cytokines acting early in human haematopoiesis. Best Practice and Research: Clinical Haematology, 1994, 7, 49-63.	1.1	10
134	Differential Effects of HOXB4 and NUP98-HOXA10hd on Hematopoietic Repopulating Cells in a Nonhuman Primate Model. Human Gene Therapy, 2011, 22, 1475-1482.	2.7	9
135	CD34+ Expansion With Delta-1 and HOXB4 Promotes Rapid Engraftment and Transfusion Independence in a Macaca nemestrina Cord Blood Transplant Model. Molecular Therapy, 2013, 21, 1270-1278.	8.2	9
136	Continuous activation of primitive hematopoietic cells in long-term human marrow cultures containing irradiated tumor cells. Journal of Cellular Physiology, 1991, 148, 370-379.	4.1	8
137	Probing the complexity of miRNA expression across hematopoiesis. Cell Cycle, 2011, 10, 2-3.	2.6	8
138	A knock-in mouse strain facilitates dynamic tracking and enrichment of MEIS1. Blood Advances, 2017, 1, 2225-2235.	5.2	8
139	Synthetic modeling reveals HOXB genes are critical for the initiation and maintenance of human leukemia. Nature Communications, 2019, 10, 2913.	12.8	8
140	Retroviral-Mediated Gene Transfer and Expression of Human Lipoprotein Lipase in Somatic Cells. Human Gene Therapy, 1995, 6, 853-863.	2.7	7
141	Micro-ribonucleic acid-155 is a direct target of Meis1, but not a driver in acute myeloid leukemia. Haematologica, 2018, 103, 246-255.	3.5	7
142	Efficient retrovirus-mediated gene transfer to transplantable human bone marrow cells in the absence of fibronectin. Blood, 2000, 96, 2432-2439.	1.4	7
143	A regulatory network controls nephrocan expression and midgut patterning. Development (Cambridge), 2014, 141, 3772-3781.	2.5	6
144	Elucidating the importance and regulation of key enhancers for human MEIS1 expression. Leukemia, 2022, 36, 1980-1989.	7.2	6

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145	Extrinsic signals determine myeloid-erythroid lineage switch in MN1 leukemia. Experimental Hematology, 2010, 38, 174-179.	0.4	5
146	Biologic and experimental variation of measured cancer stem cells. Cell Cycle, 2010, 9, 909-912.	2.6	5
147	Feasibility of Using Autologous Transplantation to Evaluate Hematopoietic Stem Cell-Based Gene Therapy Strategies in Transgenic Mouse Models of Human Disease. Molecular Therapy, 2002, 6, 422-428.	8.2	4
148	Priming reloaded?. Blood, 2009, 114, 925-926.	1.4	3
149	A Novel Translocation Involving<i>RUNX1</i>and<i>HOXA</i>Gene Clusters in a Case of Acute Myeloid Leukemia with t(7;21)(p15;q22). Immune Network, 2013, 13, 222.	3.6	3
150	No evidence of clonal dominance after transplant of HOXB4-expanded cord blood cells in a nonhuman primate model. Experimental Hematology, 2014, 42, 497-504.	0.4	2
151	Reversible switching of leukemic cells to a drug-resistant, stem-like subset via IL-4-mediated cross-talk with mesenchymal stroma. Haematologica, 2022, 107, 381-392.	3.5	2
152	Genetic Modification of Murine Hematopoietic Stem Cells by Retroviruses. , 2002, 63, 231-242.		1
153	Insights into leukemia-initiating cell frequency and self-renewal from a novel canine model of leukemia. Experimental Hematology, 2011, 39, 124-132.	0.4	1
154	Heterogeneity, Self-Renewal, and Differentiation of Hematopoietic Stem Cells. Stem Cells International, 2012, 2012, 1-2.	2.5	1
155	Development of Leukemia after HOXB4 Gene Transfer in the Canine Model.. Blood, 2006, 108, 204-204.	1.4	1
156	Homeobox Gene Networks and the Regulation of Hematopoiesis. , 0, , 133-148.		0
157	Erratum to â€œEnhanced in Vivo Selection of Bone Marrow Cells by Retroviral-Mediated Coexpression of Mutant O6-Methylguanine-DNA-methyltransferase and HOXB4â€• Molecular Therapy, 2005, 12, 772-773.	8.2	0
158	Exciting times for our field and the Journal. Experimental Hematology, 2011, 39, 271.	0.4	0
159	Moving Forward with Experimental Hematology. Experimental Hematology, 2011, 39, 607.	0.4	0
160	Past, Present and Future Horizons for Experimental Hematology. Experimental Hematology, 2014, 42, 73.	0.4	0
161	Editorial. Experimental Hematology, 2014, 42, 595-597.	0.4	0
162	Editorial. Experimental Hematology, 2017, 47, 1.	0.4	0

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163	Differential Effects of HOXB4 Overexpression on Short and Long-Term Repopulating Cells in Nonhuman Primates.. Blood, 2005, 106, 33-33.	1.4	0