

# Guy Sauvageau

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/4470689/guy-sauvageau-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

232  
papers

11,368  
citations

52  
h-index

104  
g-index

261  
ext. papers

12,732  
ext. citations

7.1  
avg, IF

6.08  
L-index

#	Paper	IF	Citations
232	Bmi-1 determines the proliferative capacity of normal and leukaemic stem cells. <i>Nature</i> , <b>2003</b> , 423, 255-60	60.4	1249
231	HOXB4-induced expansion of adult hematopoietic stem cells ex vivo. <i>Cell</i> , <b>2002</b> , 109, 39-45	56.2	566
230	Polycomb group proteins: multi-faceted regulators of somatic stem cells and cancer. <i>Cell Stem Cell</i> , <b>2010</b> , 7, 299-313	18	528
229	Hoxa9 transforms primary bone marrow cells through specific collaboration with Meis1a but not Pbx1b. <i>EMBO Journal</i> , <b>1998</b> , 17, 3714-25	13	499
228	Overexpression of HOXB4 in hematopoietic cells causes the selective expansion of more primitive populations in vitro and in vivo. <i>Genes and Development</i> , <b>1995</b> , 9, 1753-65	12.6	458
227	Differential expression of homeobox genes in functionally distinct CD34+ subpopulations of human bone marrow cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1994</b> , 91, 12223-7	11.5	419
226	Cord blood expansion. Pyrimidoindole derivatives are agonists of human hematopoietic stem cell self-renewal. <i>Science</i> , <b>2014</b> , 345, 1509-12	33.3	339
225	Overexpression of HOXA10 in murine hematopoietic cells perturbs both myeloid and lymphoid differentiation and leads to acute myeloid leukemia. <i>Molecular and Cellular Biology</i> , <b>1997</b> , 17, 495-505	4.8	303
224	Overexpression of the myeloid leukemia-associated Hoxa9 gene in bone marrow cells induces stem cell expansion. <i>Blood</i> , <b>2002</b> , 99, 121-9	2.2	283
223	Mice Bearing a Targeted Interruption of the Homeobox Gene HOXA9 Have Defects in Myeloid, Erythroid, and Lymphoid Hematopoiesis. <i>Blood</i> , <b>1997</b> , 89, 1922-1930	2.2	261
222	In vitro expansion of hematopoietic stem cells by recombinant TAT-HOXB4 protein. <i>Nature Medicine</i> , <b>2003</b> , 9, 1428-32	50.5	256
221	Defining roles for HOX and MEIS1 genes in induction of acute myeloid leukemia. <i>Molecular and Cellular Biology</i> , <b>2001</b> , 21, 224-34	4.8	226
220	A key role for EZH2 and associated genes in mouse and human adult T-cell acute leukemia. <i>Genes and Development</i> , <b>2012</b> , 26, 651-6	12.6	204
219	HOXB4 overexpression mediates very rapid stem cell regeneration and competitive hematopoietic repopulation. <i>Experimental Hematology</i> , <b>2001</b> , 29, 1125-34	3.1	186
218	The role of HOX homeobox genes in normal and leukemic hematopoiesis. <i>Stem Cells</i> , <b>1996</b> , 14, 281-91	5.8	185
217	Functional antagonism of the Polycomb-Group genes <i>eed</i> and <i>Bmi1</i> in hemopoietic cell proliferation. <i>Genes and Development</i> , <b>1999</b> , 13, 2691-703	12.6	184
216	NUP98-HOXA9 expression in hemopoietic stem cells induces chronic and acute myeloid leukemias in mice. <i>EMBO Journal</i> , <b>2001</b> , 20, 350-61	13	170

215	In vitro and in vivo expansion of hematopoietic stem cells. <i>Oncogene</i> , <b>2004</b> , 23, 7223-32	9.2	163
214	Overexpression of HOXB3 in hematopoietic cells causes defective lymphoid development and progressive myeloproliferation. <i>Immunity</i> , <b>1997</b> , 6, 13-22	32.3	157
213	Loss of expression of the Hoxa-9 homeobox gene impairs the proliferation and repopulating ability of hematopoietic stem cells. <i>Blood</i> , <b>2005</b> , 106, 3988-94	2.2	156
212	Stage-Specific Expression of Polycomb Group Genes in Human Bone Marrow Cells. <i>Blood</i> , <b>1998</b> , 91, 1216-1224	12.24	142
211	Enhanced In Vivo Regenerative Potential of HOXB4-Transduced Hematopoietic Stem Cells With Regulation of Their Pool Size. <i>Blood</i> , <b>1999</b> , 94, 2605-2612	2.2	123
210	An RNAi screen identifies Msi2 and Prox1 as having opposite roles in the regulation of hematopoietic stem cell activity. <i>Cell Stem Cell</i> , <b>2010</b> , 7, 101-13	18	107
209	Deregulated expression of HOXB4 enhances the primitive growth activity of human hematopoietic cells. <i>Blood</i> , <b>2002</b> , 100, 862-8	2.2	107
208	The methyltransferase G9a regulates HoxA9-dependent transcription in AML. <i>Genes and Development</i> , <b>2014</b> , 28, 317-27	12.6	102
207	Hox homeodomain proteins exhibit selective complex stabilities with Pbx and DNA. <i>Nucleic Acids Research</i> , <b>1996</b> , 24, 898-906	20.1	101
206	A functional screen to identify novel effectors of hematopoietic stem cell activity. <i>Cell</i> , <b>2009</b> , 137, 369-79	36.2	100
205	The transcriptomic landscape and directed chemical interrogation of MLL-rearranged acute myeloid leukemias. <i>Nature Genetics</i> , <b>2015</b> , 47, 1030-7	36.3	95
204	GPR56 identifies primary human acute myeloid leukemia cells with high repopulating potential in vivo. <i>Blood</i> , <b>2016</b> , 127, 2018-27	2.2	95
203	EPCR expression marks UM171-expanded CD34 cord blood stem cells. <i>Blood</i> , <b>2017</b> , 129, 3344-3351	2.2	93
202	Identification of small molecules that support human leukemia stem cell activity ex vivo. <i>Nature Methods</i> , <b>2014</b> , 11, 436-42	21.6	86
201	AML1-ETO requires enhanced C/D box snoRNA/RNP formation to induce self-renewal and leukaemia. <i>Nature Cell Biology</i> , <b>2017</b> , 19, 844-855	23.4	79
200	Single UM171-Expanded Cord Blood Transplants Support Robust T-Cell Reconstitution with Low Rates of Severe Infections. <i>Stem Cells Translational Medicine</i> , <b>2020</b> , 9, S8	6.9	78
199	Mubritinib Targets the Electron Transport Chain Complex I and Reveals the Landscape of OXPHOS Dependency in Acute Myeloid Leukemia. <i>Cancer Cell</i> , <b>2019</b> , 36, 84-99.e8	24.3	75
198	Cellular proliferation and transformation induced by HOXB4 and HOXB3 proteins involves cooperation with PBX1. <i>Oncogene</i> , <b>1998</b> , 16, 3403-12	9.2	74

197	The competitive nature of HOXB4-transduced HSC is limited by PBX1: the generation of ultra-competitive stem cells retaining full differentiation potential. <i>Immunity</i> , <b>2003</b> , 18, 561-71	32.3	73
196	Essential role of BRG, the ATPase subunit of BAF chromatin remodeling complexes, in leukemia maintenance. <i>Blood</i> , <b>2014</b> , 123, 1720-8	2.2	72
195	Asymmetric segregation and self-renewal of hematopoietic stem and progenitor cells with endocytic Ap2a2. <i>Blood</i> , <b>2012</b> , 119, 2510-22	2.2	72
194	Identification of cooperative genes for NUP98-HOXA9 in myeloid leukemogenesis using a mouse model. <i>Blood</i> , <b>2005</b> , 105, 784-93	2.2	71
193	A role for GPx3 in activity of normal and leukemia stem cells. <i>Journal of Experimental Medicine</i> , <b>2012</b> , 209, 895-901	16.6	70
192	Hematopoietic stem cell transplantation using single UM171-expanded cord blood: a single-arm, phase 1-2 safety and feasibility study. <i>Lancet Haematology</i> , <b>2020</b> , 7, e134-e145	14.6	67
191	Polycomb group genes as epigenetic regulators of normal and leukemic hemopoiesis. <i>Experimental Hematology</i> , <b>2003</b> , 31, 567-85	3.1	66
190	Scl regulates the quiescence and the long-term competence of hematopoietic stem cells. <i>Blood</i> , <b>2010</b> , 115, 792-803	2.2	65
189	The oncoprotein E2A-Pbx1a collaborates with Hoxa9 to acutely transform primary bone marrow cells. <i>Molecular and Cellular Biology</i> , <b>1999</b> , 19, 6355-66	4.8	64
188	Allogeneic transplantation for multiple myeloma: further evidence for a GVHD-associated graft-versus-myeloma effect. <i>Bone Marrow Transplantation</i> , <b>2001</b> , 28, 841-8	4.4	59
187	Genetic programs regulating HSC specification, maintenance and expansion. <i>Oncogene</i> , <b>2004</b> , 23, 7199-2099	2.2	57
186	An anticlastogenic function for the Polycomb Group gene Bmi1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 5284-9	11.5	56
185	Chemo-genomic interrogation of CEBPA mutated AML reveals recurrent CSF3R mutations and subgroup sensitivity to JAK inhibitors. <i>Blood</i> , <b>2016</b> , 127, 3054-61	2.2	55
184	Hox homeobox genes as regulators of normal and leukemic hematopoiesis. <i>Hematology/Oncology Clinics of North America</i> , <b>1997</b> , 11, 1221-37	3.1	54
183	High incidence of invasive aspergillosis associated with intestinal graft-versus-host disease following nonmyeloablative transplantation. <i>Biology of Blood and Marrow Transplantation</i> , <b>2007</b> , 13, 1192-200	4.7	54
182	RNAi screen identifies Jarid1b as a major regulator of mouse HSC activity. <i>Blood</i> , <b>2013</b> , 122, 1545-55	2.2	53
181	Molecular interactions involved in HOXB4-induced activation of HSC self-renewal. <i>Blood</i> , <b>2004</b> , 104, 2307-14	2.2	52
180	Analysis of HSC activity and compensatory Hox gene expression profile in Hoxb cluster mutant fetal liver cells. <i>Blood</i> , <b>2006</b> , 108, 116-22	2.2	51

179	High incidence of proviral integrations in the Hoxa locus in a new model of E2a-PBX1-induced B-cell leukemia. <i>Genes and Development</i> , <b>2005</b> , 19, 224-33	12.6	51
178	Safety and cost-effectiveness of outpatient autologous stem cell transplantation in patients with multiple myeloma. <i>Biology of Blood and Marrow Transplantation</i> , <b>2013</b> , 19, 547-51	4.7	50
177	The signaling protein Wnt4 enhances thymopoiesis and expands multipotent hematopoietic progenitors through beta-catenin-independent signaling. <i>Immunity</i> , <b>2008</b> , 29, 57-67	32.3	49
176	Near-maximal expansions of hematopoietic stem cells in culture using NUP98-HOX fusions. <i>Experimental Hematology</i> , <b>2007</b> , 35, 817-30	3.1	48
175	Oncogenic interaction between BCR-ABL and NUP98-HOXA9 demonstrated by the use of an in vitro purging culture system. <i>Blood</i> , <b>2002</b> , 100, 4177-84	2.2	48
174	AP-1 complex is effector of Hox-induced cellular proliferation and transformation. <i>Oncogene</i> , <b>2000</b> , 19, 5134-41	9.2	48
173	RNA-sequencing analysis of core binding factor AML identifies recurrent ZBTB7A mutations and defines RUNX1-CBFA2T3 fusion signature. <i>Blood</i> , <b>2016</b> , 127, 2498-501	2.2	46
172	SCL, LMO1 and Notch1 reprogram thymocytes into self-renewing cells. <i>PLoS Genetics</i> , <b>2014</b> , 10, e1004768		46
171	RNA-seq analysis of 2 closely related leukemia clones that differ in their self-renewal capacity. <i>Blood</i> , <b>2011</b> , 117, e27-38	2.2	46
170	Expression of immunoproteasome genes is regulated by cell-intrinsic and -extrinsic factors in human cancers. <i>Scientific Reports</i> , <b>2016</b> , 6, 34019	4.9	45
169	Transcriptome analysis of G protein-coupled receptors in distinct genetic subgroups of acute myeloid leukemia: identification of potential disease-specific targets. <i>Blood Cancer Journal</i> , <b>2016</b> , 6, e437		43
168	EV11-rearranged acute myeloid leukemias are characterized by distinct molecular alterations. <i>Blood</i> , <b>2015</b> , 125, 140-3	2.2	43
167	E4F1: a novel candidate factor for mediating BMI1 function in primitive hematopoietic cells. <i>Genes and Development</i> , <b>2006</b> , 20, 2110-20	12.6	40
166	EN2 is a candidate oncogene in human breast cancer. <i>Oncogene</i> , <b>2005</b> , 24, 6890-901	9.2	40
165	mutations promote context-dependent transformation in acute myeloid leukemia with alterations. <i>Blood</i> , <b>2017</b> , 130, 2204-2214	2.2	38
164	MEF2C Phosphorylation Is Required for Chemotherapy Resistance in Acute Myeloid Leukemia. <i>Cancer Discovery</i> , <b>2018</b> , 8, 478-497	24.4	37
163	SMARCD2 subunit of SWI/SNF chromatin-remodeling complexes mediates granulopoiesis through a CEBPe dependent mechanism. <i>Nature Genetics</i> , <b>2017</b> , 49, 753-764	36.3	36
162	RNA-Seq reveals spliceosome and proteasome genes as most consistent transcripts in human cancer cells. <i>PLoS ONE</i> , <b>2013</b> , 8, e72884	3.7	36

161	A mutant allele of the Swi/Snf member BAF250a determines the pool size of fetal liver hemopoietic stem cell populations. <i>Blood</i> , <b>2010</b> , 116, 1678-84	2.2	34
160	Graft-versus-host disease prophylaxis with tacrolimus and mycophenolate mofetil in HLA-matched nonmyeloablative transplant recipients is associated with very low incidence of GVHD and nonrelapse mortality. <i>Biology of Blood and Marrow Transplantation</i> , <b>2009</b> , 15, 919-29	4.7	33
159	Polycomb group genes: keeping stem cell activity in balance. <i>PLoS Biology</i> , <b>2008</b> , 6, e113	9.7	32
158	Molecular dissection of Meis1 reveals 2 domains required for leukemia induction and a key role for Hoxa gene activation. <i>Blood</i> , <b>2006</b> , 108, 622-9	2.2	32
157	Epigenetic regulation of GATA2 and its impact on normal karyotype acute myeloid leukemia. <i>Leukemia</i> , <b>2014</b> , 28, 1617-26	10.7	31
156	High-throughput screening in niche-based assay identifies compounds to target preleukemic stem cells. <i>Journal of Clinical Investigation</i> , <b>2016</b> , 126, 4569-4584	15.9	30
155	Distinct signaling programs control human hematopoietic stem cell survival and proliferation. <i>Blood</i> , <b>2017</b> , 129, 307-318	2.2	29
154	HoxA cluster is haploinsufficient for activity of hematopoietic stem and progenitor cells. <i>Experimental Hematology</i> , <b>2010</b> , 38, 1074-1086.e1-5	3.1	29
153	Quantitative expression profiling guided by common retroviral insertion sites reveals novel and cell type specific cancer genes in leukemia. <i>Blood</i> , <b>2008</b> , 111, 790-9	2.2	29
152	Chemogenomic Landscape of -mutated AML Reveals Importance of Allele Dosage in Genetics and Glucocorticoid Sensitivity. <i>Clinical Cancer Research</i> , <b>2017</b> , 23, 6969-6981	12.9	26
151	Genetic characterization of ABT-199 sensitivity in human AML. <i>Leukemia</i> , <b>2020</b> , 34, 63-74	10.7	26
150	UBAP2L is a novel BMI1-interacting protein essential for hematopoietic stem cell activity. <i>Blood</i> , <b>2014</b> , 124, 2362-9	2.2	24
149	Entinostat prevents leukemia maintenance in a collaborating oncogene-dependent model of cytogenetically normal acute myeloid leukemia. <i>Stem Cells</i> , <b>2013</b> , 31, 1434-45	5.8	24
148	Incidence and prognostic value of eosinophilia in chronic graft-versus-host disease after nonmyeloablative hematopoietic cell transplantation. <i>Biology of Blood and Marrow Transplantation</i> , <b>2011</b> , 17, 1673-8	4.7	24
147	Hepatic leukemia factor is a novel leukemic stem cell regulator in DNMT3A, NPM1, and FLT3-ITD triple-mutated AML. <i>Blood</i> , <b>2019</b> , 134, 263-276	2.2	23
146	High expression of HMGA2 independently predicts poor clinical outcomes in acute myeloid leukemia. <i>Blood Cancer Journal</i> , <b>2018</b> , 8, 68	7	23
145	Identification of MYC mutations in acute myeloid leukemias with NUP98-NSD1 translocations. <i>Leukemia</i> , <b>2016</b> , 30, 1621-4	10.7	22
144	Tandem autologous-allogeneic nonmyeloablative sibling transplantation in relapsed follicular lymphoma leads to impressive progression-free survival with minimal toxicity. <i>Biology of Blood and Marrow Transplantation</i> , <b>2012</b> , 18, 951-7	4.7	22

143	Funding considerations for the disclosure of genetic incidental findings in biobank research. <i>Clinical Genetics</i> , <b>2013</b> , 84, 397-406	4	22
142	Sustained in vitro trigger of self-renewal divisions in Hoxb4hiPbx1(10) hematopoietic stem cells. <i>Experimental Hematology</i> , <b>2007</b> , 35, 802-16	3.1	22
141	A Fanci knockout mouse model reveals common and distinct functions for FANCI and FANCD2. <i>Nucleic Acids Research</i> , <b>2019</b> , 47, 7532-7547	20.1	21
140	Zfx: at the crossroads of survival and self-renewal. <i>Cell</i> , <b>2007</b> , 129, 239-41	56.2	21
139	Haploinsufficiency screen highlights two distinct groups of ribosomal protein genes essential for embryonic stem cell fate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 2127-32	11.5	20
138	The neuropeptide receptor calcitonin receptor-like (CALCRL) is a potential therapeutic target in acute myeloid leukemia. <i>Leukemia</i> , <b>2019</b> , 33, 2830-2841	10.7	19
137	High frequency of germline RUNX1 mutations in patients with RUNX1-mutated AML. <i>Blood</i> , <b>2020</b> , 135, 1882-1886	2.2	19
136	Integrin-β Is a Functional Marker of Ex Vivo Expanded Human Long-Term Hematopoietic Stem Cells. <i>Cell Reports</i> , <b>2019</b> , 28, 1063-1073.e5	10.6	19
135	Evidence for Hox and E2A-PBX1 collaboration in mouse T-cell leukemia. <i>Oncogene</i> , <b>2008</b> , 27, 6356-64	9.2	19
134	UM171 induces a homeostatic inflammatory-detoxification response supporting human HSC self-renewal. <i>PLoS ONE</i> , <b>2019</b> , 14, e0224900	3.7	18
133	Posttranslational regulation of self-renewal capacity: insights from proteome and phosphoproteome analyses of stem cell leukemia. <i>Blood</i> , <b>2012</b> , 120, e17-27	2.2	18
132	Transcriptomic landscape of acute promyelocytic leukemia reveals aberrant surface expression of the platelet aggregation agonist Podoplanin. <i>Leukemia</i> , <b>2018</b> , 32, 1349-1357	10.7	17
131	UM171 Enhances Lentiviral Gene Transfer and Recovery of Primitive Human Hematopoietic Cells. <i>Molecular Therapy - Methods and Clinical Development</i> , <b>2018</b> , 10, 156-164	6.4	17
130	Are genetic determinants of asymmetric stem cell division active in hematopoietic stem cells?. <i>Oncogene</i> , <b>2004</b> , 23, 7247-55	9.2	17
129	Immunologic thrombocytopenia followed by thrombotic thrombocytopenic purpura in two HIV1 patients. <i>American Journal of Hematology</i> , <b>1991</b> , 38, 327-8	7.1	17
128	Atypical acute myeloid leukemia-specific transcripts generate shared and immunogenic MHC class-I-associated epitopes. <i>Immunity</i> , <b>2021</b> , 54, 737-752.e10	32.3	17
127	Hoxa cluster genes determine the proliferative activity of adult mouse hematopoietic stem and progenitor cells. <i>Blood</i> , <b>2016</b> , 127, 87-90	2.2	16
126	Small molecule regulation of normal and leukemic stem cells. <i>Current Opinion in Hematology</i> , <b>2015</b> , 22, 309-16	3.3	15

125	Disclosure of incidental findings in cancer genomic research: investigators' perceptions on obligations and barriers. <i>Clinical Genetics</i> , <b>2015</b> , 88, 320-6	4	15
124	Allodepleted T-cell immunotherapy after haploidentical haematopoietic stem cell transplantation without severe acute graft-versus-host disease (GVHD) in the absence of GVHD prophylaxis. <i>British Journal of Haematology</i> , <b>2019</b> , 186, 754-766	4.5	14
123	E4F1 is a master regulator of CHK1-mediated functions. <i>Cell Reports</i> , <b>2015</b> , 11, 210-9	10.6	14
122	Roles for MSI2 and PROX1 in hematopoietic stem cell activity. <i>Current Opinion in Hematology</i> , <b>2011</b> , 18, 203-7	3.3	14
121	Complex karyotype AML displays G2/M signature and hypersensitivity to PLK1 inhibition. <i>Blood Advances</i> , <b>2019</b> , 3, 552-563	7.8	14
120	MiSTIC, an integrated platform for the analysis of heterogeneity in large tumour transcriptome datasets. <i>Nucleic Acids Research</i> , <b>2017</b> , 45, e122	20.1	12
119	Human NUP98-HOXA9 promotes hyperplastic growth of hematopoietic tissues in <i>Drosophila</i> . <i>Developmental Biology</i> , <b>2017</b> , 421, 16-26	3.1	12
118	Medicine. The blood stem cell Holy Grail?. <i>Science</i> , <b>2010</b> , 329, 1291-2	33.3	12
117	Analysis of blood stem cell activity and cystatin gene expression in a mouse model presenting a chromosomal deletion encompassing <i>Csta</i> and <i>Stfa2l1</i> . <i>PLoS ONE</i> , <b>2009</b> , 4, e7500	3.7	12
116	A retroviral strategy that efficiently creates chromosomal deletions in mammalian cells. <i>Nature Methods</i> , <b>2007</b> , 4, 263-8	21.6	12
115	Differences in Epstein-Barr virus (EBV) receptors expression on various human lymphoid targets and their significance to EBV-cell interaction. <i>Virus Research</i> , <b>1988</b> , 11, 209-25	6.4	12
114	Favorable long-term outcome of patients with multiple myeloma using a frontline tandem approach with autologous and non-myeloablative allogeneic transplantation. <i>Bone Marrow Transplantation</i> , <b>2016</b> , 51, 529-35	4.4	11
113	is amplified in a large subset of human lung adenocarcinoma and is critical for epithelial lung cell identity and tumor metastasis. <i>FASEB Journal</i> , <b>2017</b> , 31, 5012-5018	0.9	11
112	Evidence that donor intrinsic response to G-CSF is the best predictor of acute graft-vs-host disease following allogeneic peripheral blood stem cell transplantation. <i>Experimental Hematology</i> , <b>2006</b> , 34, 107-14	3.1	11
111	UM171 Preserves Epigenetic Marks that Are Reduced in Ex Vivo Culture of Human HSCs via Potentiation of the CLR3-KBTBD4 Complex. <i>Cell Stem Cell</i> , <b>2021</b> , 28, 48-62.e6	18	11
110	An automated system for delivery of an unstable transcription factor to hematopoietic stem cell cultures. <i>Biotechnology and Bioengineering</i> , <b>2009</b> , 103, 402-12	4.9	10
109	Complementary and independent function for Hoxb4 and Bmi1 in HSC activity. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , <b>2008</b> , 73, 555-64	3.9	9
108	Gfi-1: another piece in the HSC puzzle. <i>Trends in Immunology</i> , <b>2005</b> , 26, 68-71	14.4	9



107	A novel approach for the identification of efficient combination therapies in primary human acute myeloid leukemia specimens. <i>Blood Cancer Journal</i> , <b>2017</b> , 7, e529	7	8
106	Identification of non-cell-autonomous networks from engineered feeder cells that enhance murine hematopoietic stem cell activity. <i>Experimental Hematology</i> , <b>2013</b> , 41, 470-478.e4	3.1	7
105	Diphyllobothriasis, a rare cause of profuse diarrhea following autologous transplantation. <i>Bone Marrow Transplantation</i> , <b>2009</b> , 44, 131-2	4.4	7
104	Haploidentical Stem Cell Transplantation: High Doses of Alloreactive-T Cell Depleted Donor Lymphocytes Administered Post-Transplant Decrease Infections and Improve Survival without Causing Severe Gvhd.. <i>Blood</i> , <b>2009</b> , 114, 512-512	2.2	7
103	Bringing a Leukemic Stem Cell Gene Signature into Clinics: Are We There Yet?. <i>Cell Stem Cell</i> , <b>2017</b> , 20, 300-301	18	6
102	C-terminal domain of MEIS1 converts PKNOX1 (PREP1) into a HOXA9-collaborating oncoprotein. <i>Blood</i> , <b>2011</b> , 118, 4682-9	2.2	6
101	Selectively weakened binding of methotrexate by human dihydrofolate reductase allows rapid ex vivo selection of mammalian cells. <i>Journal of Molecular Recognition</i> , <b>2011</b> , 24, 188-98	2.6	6
100	Cardiac tamponade potentially related to sirolimus following cord blood transplantation. <i>Bone Marrow Transplantation</i> , <b>2012</b> , 47, 294-5	4.4	6
99	Graft-Versus-Host Disease (Gvhd) Prophylaxis with Tacrolimus and Mycophenolate Mofetil (MMF) in 131 Matched Sibling Nonmyeloablative (NMA) Transplant Recipients: Long-Term Follow-up Confirms Extremely Low Incidence of Acute (a) Gvhd, High Incidence of Extensive Chronic (c) Gvhd and Favorable Disease Outcome.. <i>Blood</i> , <b>2008</b> , 112, 1176-1176	2.2	6
98	Effect of monoclonal antibodies to Epstein-Barr virus envelope glycoproteins on Epstein-Barr virus neutralization and binding to target cell receptors. A comparative analysis. <i>Intervirology</i> , <b>1990</b> , 31, 295-300	2.5	5
97	Phase I Clinical Study of Donor Lymphocyte Infusion Depleted of Alloreactive T Cells after Haplotype Mismatched Myeloablative Stem Cell Transplantation To Limit Infections and Malignant Relapse without Causing GVHD.. <i>Blood</i> , <b>2006</b> , 108, 309-309	2.2	5
96	Targeted variant detection using unaligned RNA-Seq reads. <i>Life Science Alliance</i> , <b>2019</b> , 2,	5.8	5
95	Overexpression of CD200 is a Stem Cell-Specific Mechanism of Immune Evasion in AML <b>2021</b> , 9,		5
94	Genome-wide interrogation of Mammalian stem cell fate determinants by nested chromosome deletions. <i>PLoS Genetics</i> , <b>2010</b> , 6, e1001241	6	4
93	Molecular basis for stem-cell self-renewal. <i>The Hematology Journal</i> , <b>2004</b> , 5 Suppl 3, S118-21		4
92	Pathways, Processes, and Candidate Drugs Associated with a Cluster-Dependency Model of Leukemia. <i>Cancers</i> , <b>2019</b> , 11,	6.6	4
91	HLF Expression Defines the Human Hematopoietic Stem Cell State. <i>Blood</i> , <b>2021</b> ,	2.2	4
90	Late acute renal failure due to bilateral kidney infiltration by ALL as single manifestation of relapse after allogeneic transplantation. <i>Bone Marrow Transplantation</i> , <b>2010</b> , 45, 953-4	4.4	3

89	Single UM171 Expanded Cord Blood Permits Transplantation of Better HLA Matched Cords with Excellent Gvhd Relapse Free Survival. <i>Blood</i> , <b>2018</b> , 132, 4658-4658	2.2	3
88	Reduction in Incidence of Severe Infections by Transplantation of High Doses of Haploidentical T Cells Selectively Depleted of Alloreactive Units. <i>Blood</i> , <b>2011</b> , 118, 3020-3020	2.2	3
87	UM171 Is a Novel and Potent Agonist Of Human Hematopoietic Stem Cell Renewal. <i>Blood</i> , <b>2013</b> , 122, 798-798	2.2	3
86	Newly diagnosed multiple myeloma patients treated with tandem auto-allogeneic stem cell transplant have better overall survival with similar outcomes at time of relapse compared to patients who received autologous transplant only. <i>Clinical Transplantation</i> , <b>2020</b> , 34, e14099	3.8	3
85	Cut-like homeobox 1 (CUX1) tumor suppressor gene haploinsufficiency induces apoptosis evasion to sustain myeloid leukemia. <i>Nature Communications</i> , <b>2021</b> , 12, 2482	17.4	3
84	Profound MRD negativity rates after frontline tandem autologous-allogeneic stem cell transplantation followed by bortezomib maintenance in high-risk or young myeloma patients. <i>Clinical Lymphoma, Myeloma and Leukemia</i> , <b>2019</b> , 19, e41-e42	2	3
83	Outcome of autologous hematopoietic stem cell transplant in older patients with B cell lymphoma when selected for fitness and chemosensitive disease. <i>Leukemia Research</i> , <b>2019</b> , 79, 75-80	2.7	3
82	Evaluation of the Impact of Autologous Hematopoietic Stem Cell Transplantation on the Quality of Life of Older Patients with Lymphoma. <i>Biology of Blood and Marrow Transplantation</i> , <b>2020</b> , 26, 157-161	4.7	3
81	Multi-Log Clonal Ex-Vivo Expansion of Long Term Lympho-Myeloid Hematopoietic Stem Cells by Nup98-Hox Fusion Genes.. <i>Blood</i> , <b>2004</b> , 104, 153-153	2.2	2
80	p120E4F-1: A Novel Candidate Factor for Mediating Bmi-1 Function in Hematopoietic Stem Cells.. <i>Blood</i> , <b>2004</b> , 104, 370-370	2.2	2
79	A Functional Screen Identifies Polarity Genes Implicated in HSC Fate. <i>Blood</i> , <b>2008</b> , 112, 732-732	2.2	2
78	First Line Allogeneic Stem Cell Transplantation in Mantle Cell Lymphoma (MCL).. <i>Blood</i> , <b>2009</b> , 114, 3366-3366	2	2
77	Transcriptome Analysis Reveals That G Protein-Coupled Receptors Are Potential Diagnostic Markers or Therapeutic Targets in Acute Myeloid Leukemia. <i>Blood</i> , <b>2015</b> , 126, 3855-3855	2.2	2
76	Single UM171 Expanded Cord Blood Transplant Is Feasible, Safe, and Permits Transplantation of Better HLA Matched Cords with Very Low Transplant Related Mortality. <i>Blood</i> , <b>2017</b> , 130, 658-658	2.2	2
75	Target variant detection in leukemia using unaligned RNA-Seq reads		2
74	Zinc finger protein E4F1 cooperates with PARP-1 and BRG1 to promote DNA double-strand break repair. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	2
73	CDK7/12/13 inhibition targets an oscillating leukemia stem cell network and synergizes with venetoclax in acute myeloid leukemia.. <i>EMBO Molecular Medicine</i> , <b>2022</b> , e14990	12	2
72	Cost-Effectiveness Analysis of a HMGA2 Prognostic Test for Acute Myeloid Leukemia in a Canadian Setting. <i>Applied Health Economics and Health Policy</i> , <b>2019</b> , 17, 827-839	3.4	1

71	UM171-Expanded Cord Blood Transplants Support Robust T-Cell Reconstitution with Low Rates of Severe Infections. <i>Blood</i> , <b>2020</b> , 136, 36-37	2.2	1
70	Chemogenomic Profiling of Complex Karyotype AML Reveals a Novel Susceptibility to G2/M Checkpoint Inhibition Mediated By HMGA2 Overexpression. <i>Blood</i> , <b>2018</b> , 132, 3925-3925	2.2	1
69	Genetic Characterization of ABT-199 Sensitivity in Human AML. <i>Blood</i> , <b>2018</b> , 132, 283-283	2.2	1
68	Ex Vivo Expansion of Human SCID-Repopulating Cells Using Recombinant TAT-HOXB4 Protein.. <i>Blood</i> , <b>2005</b> , 106, 3159-3159	2.2	1
67	Differential Expression and Re-Localization of Potential Cell Fate Determinants in Hematopoietic and Leukemia Stem Cells.. <i>Blood</i> , <b>2007</b> , 110, 93-93	2.2	1
66	Tandem Autologous-Allogeneic Nonmyeloablative Sibling Transplant in Relapsed Follicular Lymphoma Leads to Impressive Progression Free Survival with Minimal Toxicity.. <i>Blood</i> , <b>2009</b> , 114, 50-50 <sup>2.2</sup>	2.2	1
65	Gpx3 Determines Competitiveness of Normal and Leukemic Stem Cells.. <i>Blood</i> , <b>2010</b> , 116, 1587-1587	2.2	1
64	A Functional In Vivo RNAi screen Involving Jumonji C Domain Containing Candidates Unravels Kdm5b As a Negative Modulator of Hematopoietic Stem Cell Self-Renewal. <i>Blood</i> , <b>2011</b> , 118, 385-385	2.2	1
63	Perturbation Of Gpsm2/Lgn Enhances Haematopoietic Stem Cell Function. <i>Blood</i> , <b>2013</b> , 122, 1176-1176	2.2	1
62	Effective Expansion and Engraftment Of Nonhuman Primate CD34+Hematopoietic Stem Cells After Co-Culture With The Small Molecule UM171. <i>Blood</i> , <b>2013</b> , 122, 1656-1656	2.2	1
61	High Progression-Free Survival At 10 Years After Tandem Autologous/Nonmyeloablative Allogeneic Transplants For Multiple Myeloma In a Cohort Of 93 Patients: Impact Of Disease Remission Status At Transplant and Chronic Graft-Versus-Host Disease. <i>Blood</i> , <b>2013</b> , 122, 3353-3353	2.2	1
60	Bortezomib Consolidation after Nonmyeloablative Allogeneic Stem Cell Transplantation Leads to a High Incidence of Immunophenotypic Complete Response in Young and/or High-Risk Multiple Myeloma Patients. <i>Blood</i> , <b>2016</b> , 128, 2306-2306	2.2	1
59	Chemo-Transcriptomic Analysis of Complex Karyotype AML Reveals Increased Expression of Cell Cycle Components and Exquisite Dependency on Polo-like Kinase 1. <i>Blood</i> , <b>2016</b> , 128, 769-769	2.2	1
58	Outcomes in newly diagnosed young or high-risk myeloma patients receiving tandem autologous/allogeneic transplant followed by bortezomib maintenance: a phase II study. <i>Bone Marrow Transplantation</i> , <b>2021</b> ,	4.4	1
57	Committed Hemopoietic Progenitors, Not Stem Cells, are the Principal Responders to Hox Gene Transduction		1
56	Single UM171-expanded cord blood transplant can cure severe idiopathic aplastic anemia in absence of suitable donors. <i>European Journal of Haematology</i> , <b>2020</b> , 105, 808-811	3.8	1
55	UM171-Expanded Cord Blood Transplants Support Robust T Cell Reconstitution with Low Rates of Severe Infections. <i>Transplantation and Cellular Therapy</i> , <b>2021</b> , 27, 76.e1-76.e9		1
54	Inhibition of mitochondrial complex I reverses NOTCH1-driven metabolic reprogramming in T-cell acute lymphoblastic leukemia.. <i>Nature Communications</i> , <b>2022</b> , 13, 2801	17.4	1

53	Killer granzyme B linked to N-myc- and c-myc-dependent HSC survival: isnR that comyc?. <i>Cell Stem Cell</i> , <b>2008</b> , 3, 579-80	18	o
52	Modeling of Pediatric Acute Megakaryoblastic Leukemia Using Cord Blood Stem/Progenitor Cells. <i>Blood</i> , <b>2016</b> , 128, 1535-1535	2.2	o
51	Legal and Ethical Considerations for the Design and Use of Web Portals for Researchers, Clinicians, and Patients: Scoping Literature Review. <i>Journal of Medical Internet Research</i> , <b>2021</b> , 23, e26450	7.6	o
50	A genetic screen in <i>Drosophila</i> uncovers the multifaceted properties of the NUP98-HOXA9 oncogene. <i>PLoS Genetics</i> , <b>2021</b> , 17, e1009730	6	o
49	Homeobox Gene Networks and the Regulation of Hematopoiesis133-148		
48	Revealing the Interplay of Extrinsic Versus Intrinsic Regulators of Self-Renewal in Hoxb4-Transduced HSCs.. <i>Blood</i> , <b>2004</b> , 104, 367-367	2.2	
47	A Search for Genes Specifying HSCs through the Development of a New Retroviral-Based System That Creates Nested Deletions in ES cells.. <i>Blood</i> , <b>2004</b> , 104, 3223-3223	2.2	
46	Identification of Oncogenic Collaborators Providing Insights into the Tumor Suppressing Function of the Eed Polycomb Group (PcG) Gene.. <i>Blood</i> , <b>2004</b> , 104, 213-213	2.2	
45	The Hox a Locus Is Strongly Targeted by MMLV in an E2a-PBX1 Induced B-Cell Leukemia Model.. <i>Blood</i> , <b>2004</b> , 104, 1529-1529	2.2	
44	Recombinant TAT-HOXB4 Protein Promotes Ex Vivo Expansion of Primitive Human Hematopoietic Cells.. <i>Blood</i> , <b>2004</b> , 104, 2855-2855	2.2	
43	Deterministic Trigger of Self-Renewal in Expanded HSCs Expressing Hoxb4 + Antisense Pbx1.. <i>Blood</i> , <b>2005</b> , 106, 800-800	2.2	
42	Genetic Interaction between SCL and c-Kit in Hematopoietic Cell Survival.. <i>Blood</i> , <b>2005</b> , 106, 2268-2268	2.2	
41	Defining Candidate Oncogenes Leading to Increased Susceptibility to Leukemia in eed Mutant Mice.. <i>Blood</i> , <b>2005</b> , 106, 2622-2622	2.2	
40	A NUP98-HOX Fusion Gene Containing the Homeodomain of HOXA10 Promotes Significant Expansion of Primitive Human Hematopoietic Cells in Extended Cultures.. <i>Blood</i> , <b>2006</b> , 108, 1351-1351	2.2	
39	SCL and Its Partner E2A Are Required for Long-Term Stem Cell Activity.. <i>Blood</i> , <b>2006</b> , 108, 860-860	2.2	
38	Ectopic Expression of Mutated HOXB4 Proteins with Increased Intracellular Stability Affects Both Long and Short Term Hematopoietic Reconstitution.. <i>Blood</i> , <b>2006</b> , 108, 3183-3183	2.2	
37	Phase I Clinical Trial of Haplotype Mismatched Myeloablative Stem Cell Transplantation: Higher Doses of Donor Lymphocyte Infusions Depleted of Alloreactive Cells Using ATIR May Improve Outcome without Causing GVHD.. <i>Blood</i> , <b>2007</b> , 110, 2976-2976	2.2	
36	Minimal Residual Disease Evaluation Using 8-Color Flow Cytometry Predicts Risk of Relapse in High-Risk and/or Young Myeloma Patients Who Receive Bortezomib Consolidation after Frontline Tandem Transplantation. <i>Blood</i> , <b>2018</b> , 132, 4666-4666	2.2	

35	Integrin- $\beta$ Is a New Marker of Long-Term Hematopoietic Stem Cells in Ex Vivo Expanded Cells. <i>Blood</i> , <b>2018</b> , 132, 1267-1267	2.2
34	Chemogenomic Approach Unveils the Increased Susceptibility of RUNX1-Mutated AML to Glucocorticoids. <i>Blood</i> , <b>2018</b> , 132, 4675-4675	2.2
33	Coordination of Pro- and Anti-Inflammatory Signals Determine Human Hematopoietic Stem and Progenitor Cell Expansion. <i>Blood</i> , <b>2018</b> , 132, 2555-2555	2.2
32	UM171 Modified Cord Blood Achieves Excellent Survival and Disease Control after 2 Years of Follow-up in High and Very High Risk Malignancies. <i>Blood</i> , <b>2019</b> , 134, 3245-3245	2.2
31	Pyrimido-Indole Derivatives Are Novel Agonists of Human Cord Blood Hematopoietic Stem Cell Self-Renewal. <i>Blood</i> , <b>2014</b> , 124, 650-650	2.2
30	Mutational and Transcriptomic Landscape of AML with Core-Binding Factor Rearrangements. <i>Blood</i> , <b>2015</b> , 126, 802-802	2.2
29	A Point-of-Care Platform for Hematopoietic Stem Cell Gene Therapy. <i>Blood</i> , <b>2015</b> , 126, 4416-4416	2.2
28	The Novel Leukemia Stem Cell Marker GPR56 Discriminates Leukemic Subclones with Divergent Stem Cell Properties in Human Acute Myeloid Leukemia. <i>Blood</i> , <b>2015</b> , 126, 1859-1859	2.2
27	Transcriptional Landscape of APL Identifies Aberrant Podoplanin Expression As a Defining Feature and Missing Link for the Bleeding Disorder of This Disease. <i>Blood</i> , <b>2016</b> , 128, 1075-1075	2.2
26	Targeting Pre-Leukemic Stem Cells in T-Acute Lymphoblastic Leukemia. <i>Blood</i> , <b>2016</b> , 128, 527-527	2.2
25	A Functional Screen to Identify Novel Effectors of Hematopoietic Stem Cell Activity. <i>Blood</i> , <b>2008</b> , 112, 2459-2459	2.2
24	Tandem Autologous-Nonmyeloablative (NMA) Allogeneic(Allo) Transplant (Tx) in Newly Diagnosed Multiple Myeloma (MM) Leads to Improved Survival When Compared to Conventional Allogeneic Transplant. <i>Blood</i> , <b>2008</b> , 112, 3299-3299	2.2
23	An RNA Interference Screen Reveals Fate Determinants Implicated in Asymmetric Cell Division as Potential Regulators of Hematopoietic Stem Cell Self-Renewal. <i>Blood</i> , <b>2008</b> , 112, 2462-2462	2.2
22	BMI1 Interacts with FANCD2 at DNA Lesions and Prevents Chromosome Breaks. <i>Blood</i> , <b>2008</b> , 112, 3099-3099	2.2
21	Molecular Dissection of Nup98-HoxA9 Oncogenic Activity Using Drosophila. <i>Blood</i> , <b>2008</b> , 112, 3785-3785	2.2
20	ETO2 Controls Hematopoietic Stem Cell Expansion.. <i>Blood</i> , <b>2009</b> , 114, 396-396	2.2
19	Collagen and Elastin Degradation Products as Potential Biomarkers for Chronic Graft-Versus-Host Disease (cGVHD).. <i>Blood</i> , <b>2009</b> , 114, 1156-1156	2.2
18	Baf250a Is a Regulator of HSC Populations.. <i>Blood</i> , <b>2009</b> , 114, 701-701	2.2

- 17 Histone Demethylases as Modulators of Hematopoietic Cell Fate.. *Blood*, **2009**, 114, 393-393 2.2
- 16 SCL regulates the Quiescence and the Long-Term Competence of Hematopoietic Stem Cells.. *Blood*, **2009**, 114, 2520-2520 2.2
- 15 An RNA Interference Screen Identifies the Cell Fate Determinants Msi2 and Prox1 as Novel Regulators of Hematopoietic Stem Cell Self-Renewal.. *Blood*, **2009**, 114, 394-394 2.2
- 14 High Dose Valacyclovir Is Highly Effective to Prevent Cytomegalovirus and Other Herpes Viruses Viremia After Allogeneic Stem Cell Transplantation.. *Blood*, **2009**, 114, 1140-1140 2.2
- 13 Differential Gene and MicroRNA Expression In a HOXA9-MEIS1 Model of Leukemia. *Blood*, **2010**, 116, 64-64 2.2
- 12 A Novel Osteoclastic Network Determines In Vitro Niche for Mouse and Human Hematopoietic Stem Cells. *Blood*, **2011**, 118, 1325-1325 2.2
- 11 A High-Throughput Screen to Identify Compounds Preserving Primary Human AML Stem Cells Ex-Vivo,. *Blood*, **2011**, 118, 3587-3587 2.2
- 10 Screen for Small Molecules Capable of Expanding Human Hematopoietic Stem Cell Ex Vivo. *Blood*, **2011**, 118, 1919-1919 2.2
- 9 Identification of Lats 1 As a Putative Tumor Suppressor in HoxA9/Meis Induced Leukemia. *Blood*, **2011**, 118, 2474-2474 2.2
- 8 NGS-Based Detection Of Multiple RAS-Mutated Clones In MLL-Rearranged Leukemias Suggests Strong Oncogenic Collaboration. *Blood*, **2013**, 122, 744-744 2.2
- 7 Ezh2 Is An Essential Regulator Of T-Cell Development and Oncogenic Transformation. *Blood*, **2013**, 122, 3729-3729 2.2
- 6 Ubap2l-Bmi-1-Rnf2 Define a Novel Polycomb Complex Essential For Self-Renewal Of Hematopoietic Stem Cells. *Blood*, **2013**, 122, 736-736 2.2
- 5 Pre-Transplant Remission Status and Peripheral Blood Stem Cell Graft Contribute To Long-Term Outcome After Myeloablative Sibling-Donor Allogeneic Transplant For Multiple Myeloma. *Blood*, **2013**, 122, 5541-5541 2.2
- 4 UM171 induces a homeostatic inflammatory-detoxification response supporting human HSC self-renewal **2019**, 14, e0224900
- 3 UM171 induces a homeostatic inflammatory-detoxification response supporting human HSC self-renewal **2019**, 14, e0224900
- 2 UM171 induces a homeostatic inflammatory-detoxification response supporting human HSC self-renewal **2019**, 14, e0224900
- 1 UM171 induces a homeostatic inflammatory-detoxification response supporting human HSC self-renewal **2019**, 14, e0224900