

# Halvard Bonig

## List of Publications by Citations

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181  
papers

3,964  
citations

36  
h-index

55  
g-index

205  
ext. papers

4,839  
ext. citations

4.5  
avg, IF

5.31  
L-index

#	Paper	IF	Citations
181	Selective inhibition of tumor growth by clonal NK cells expressing an ErbB2/HER2-specific chimeric antigen receptor. <i>Molecular Therapy</i> , <b>2015</b> , 23, 330-8	11.7	187
180	Gene therapy with adeno-associated virus vector 5-human factor IX in adults with hemophilia B. <i>Blood</i> , <b>2018</b> , 131, 1022-1031	2.2	161
179	Increased numbers of circulating hematopoietic stem/progenitor cells are chronically maintained in patients treated with the CD49d blocking antibody natalizumab. <i>Blood</i> , <b>2008</b> , 111, 3439-41	2.2	143
178	Differential stability of cell-free circulating microRNAs: implications for their utilization as biomarkers. <i>PLoS ONE</i> , <b>2013</b> , 8, e75184	3.7	140
177	Management of adults and children undergoing chimeric antigen receptor T-cell therapy: best practice recommendations of the European Society for Blood and Marrow Transplantation (EBMT) and the Joint Accreditation Committee of ISCT and EBMT (JACIE). <i>Haematologica</i> , <b>2020</b> , 105, 297-316	6.6	122
176	CAR T-cells targeting FLT3 have potent activity against FLT3ITD AML and act synergistically with the FLT3-inhibitor crenolanib. <i>Leukemia</i> , <b>2018</b> , 32, 1168-1179	10.7	97
175	The role of G-protein signaling in hematopoietic stem/progenitor cell mobilization. <i>Blood</i> , <b>2003</b> , 101, 4739-47	2.2	92
174	Standardization of Good Manufacturing Practice-compliant production of bone marrow-derived human mesenchymal stromal cells for immunotherapeutic applications. <i>Cytotherapy</i> , <b>2015</b> , 17, 128-39	4.8	91
173	Epigenetic regulation of endothelial lineage committed genes in pro-angiogenic hematopoietic and endothelial progenitor cells. <i>Circulation Research</i> , <b>2011</b> , 109, 1219-29	15.7	90
172	Integrin alpha4 blockade sensitizes drug resistant pre-B acute lymphoblastic leukemia to chemotherapy. <i>Blood</i> , <b>2013</b> , 121, 1814-8	2.2	82
171	Hierarchy of molecular-pathway usage in bone marrow homing and its shift by cytokines. <i>Blood</i> , <b>2006</b> , 107, 79-86	2.2	78
170	RUNX1 represses the erythroid gene expression program during megakaryocytic differentiation. <i>Blood</i> , <b>2015</b> , 125, 3570-9	2.2	68
169	Spleen Size Is Significantly Influenced by Body Height and Sex: Establishment of Normal Values for Spleen Size at US with a Cohort of 1200 Healthy Individuals. <i>Radiology</i> , <b>2016</b> , 279, 306-13	20.5	67
168	Allogeneic donor peripheral blood "stem cell" apheresis: prospective comparison of two apheresis systems. <i>Transfusion</i> , <b>2012</b> , 52, 1137-45	2.9	65
167	Automatic interface-controlled apheresis collection of stem/progenitor cells: results from an autologous donor validation trial of a novel stem cell apheresis device. <i>Transfusion</i> , <b>2011</b> , 51, 1321-30	2.9	62
166	Concise Review: CXCR4/CXCL12 Signaling in Immature Hematopoiesis--Lessons From Pharmacological and Genetic Models. <i>Stem Cells</i> , <b>2015</b> , 33, 2391-9	5.8	60
165	Hoxa9 and Meis1 Cooperatively Induce Addiction to Syk Signaling by Suppressing miR-146a in Acute Myeloid Leukemia. <i>Cancer Cell</i> , <b>2017</b> , 31, 549-562.e11	24.3	59

164	Effective treatment of steroid and therapy-refractory acute graft-versus-host disease with a novel mesenchymal stromal cell product (MSC-FFM). <i>Bone Marrow Transplantation</i> , <b>2018</b> , 53, 852-862	4.4	59
163	Role of integrin alpha4 in drug resistance of leukemia. <i>Frontiers in Oncology</i> , <b>2014</b> , 4, 99	5.3	59
162	Discovery and characterization of an endogenous CXCR4 antagonist. <i>Cell Reports</i> , <b>2015</b> , 11, 737-47	10.6	56
161	Clinical grade manufacturing of genetically modified, CAR-expressing NK-92 cells for the treatment of ErbB2-positive malignancies. <i>Cancer Immunology, Immunotherapy</i> , <b>2018</b> , 67, 25-38	7.4	54
160	Mesenchymal stromal cells from pooled mononuclear cells of multiple bone marrow donors as rescue therapy in pediatric severe steroid-refractory graft-versus-host disease: a multicenter survey. <i>Haematologica</i> , <b>2016</b> , 101, 985-94	6.6	52
159	Concurrent blockade of alpha4-integrin and CXCR4 in hematopoietic stem/progenitor cell mobilization. <i>Stem Cells</i> , <b>2009</b> , 27, 836-7	5.8	51
158	Clinical Use of Mesenchymal Stromal Cells in the Treatment of Acute Graft-versus-Host Disease. <i>Transfusion Medicine and Hemotherapy</i> , <b>2019</b> , 46, 27-34	4.2	46
157	PADI4 acts as a coactivator of Tal1 by counteracting repressive histone arginine methylation. <i>Nature Communications</i> , <b>2014</b> , 5, 3995	17.4	46
156	Hematopoietic progenitor cells (HPC) from mobilized peripheral blood display enhanced migration and marrow homing compared to steady-state bone marrow HPC. <i>Experimental Hematology</i> , <b>2007</b> , 35, 326-34	3.1	46
155	Clinical-scale isolation of minimally manipulated Pcytomegalovirus-specific donor lymphocytes for the treatment of refractory cytomegalovirus disease. <i>Cytotherapy</i> , <b>2014</b> , 16, 1245-56	4.8	44
154	Insights into the biology of mobilized hematopoietic stem/progenitor cells through innovative treatment schedules of the CXCR4 antagonist AMD3100. <i>Experimental Hematology</i> , <b>2009</b> , 37, 402-15.e1	3.1	44
153	Mobilization of hematopoietic stem/progenitor cells: general principles and molecular mechanisms. <i>Methods in Molecular Biology</i> , <b>2012</b> , 904, 1-14	1.4	41
152	Intracoronary bone marrow cell application for terminal heart failure in children. <i>Cardiology in the Young</i> , <b>2012</b> , 22, 558-63	1	40
151	Smac mimetic and glucocorticoids synergize to induce apoptosis in childhood ALL by promoting ripoptosome assembly. <i>Blood</i> , <b>2014</b> , 124, 240-50	2.2	38
150	Rapid immune recovery and low TRM in haploidentical stem cell transplantation in children and adolescence using CD3/CD19-depleted stem cells. <i>Best Practice and Research in Clinical Haematology</i> , <b>2011</b> , 24, 331-7	4.2	38
149	PTX-sensitive signals in bone marrow homing of fetal and adult hematopoietic progenitor cells. <i>Blood</i> , <b>2004</b> , 104, 2299-306	2.2	38
148	Cell-based therapy by implanted human bone marrow-derived mononuclear cells improved bone healing of large bone defects in rats. <i>Tissue Engineering - Part A</i> , <b>2015</b> , 21, 1565-78	3.9	37
147	The effect of intracoronary infusion of bone marrow-derived mononuclear cells on all-cause mortality in acute myocardial infarction: rationale and design of the BAM1 trial. <i>European Journal of Heart Failure</i> , <b>2017</b> , 19, 1545-1550	12.3	36

146	Enumeration of viable CD34(+) cells by flow cytometry in blood, bone marrow and cord blood: results of a study of the novel BD $\beta$ stem cell enumeration kit. <i>Cytotherapy</i> , <b>2011</b> , 13, 449-58	4.8	36
145	In vitro migration and proliferation ("wound healing") potential of mesenchymal stromal cells generated from human CD271(+) bone marrow mononuclear cells. <i>Journal of Translational Medicine</i> , <b>2015</b> , 13, 315	8.5	35
144	Clonal analysis of multipotent stromal cells derived from CD271+ bone marrow mononuclear cells: functional heterogeneity and different mechanisms of allosuppression. <i>Haematologica</i> , <b>2013</b> , 98, 1609-16	6.6	35
143	On the adaptation of endosteal stem cell niche function in response to stress. <i>Blood</i> , <b>2009</b> , 114, 3773-82	2.2	35
142	Mobilization of hematopoietic stem cells with the novel CXCR4 antagonist POL6326 (balixafortide) in healthy volunteers-results of a dose escalation trial. <i>Journal of Translational Medicine</i> , <b>2017</b> , 15, 2	8.5	33
141	Efficient Non-viral Gene Delivery into Human Hematopoietic Stem Cells by Minicircle Sleeping Beauty Transposon Vectors. <i>Molecular Therapy</i> , <b>2018</b> , 26, 1137-1153	11.7	33
140	Autologous cell-based therapy for treatment of large bone defects: from bench to bedside. <i>European Journal of Trauma and Emergency Surgery</i> , <b>2018</b> , 44, 649-665	2.3	33
139	Unstimulated leukapheresis in patients and donors: comparison of two apheresis systems. <i>Transfusion</i> , <b>2014</b> , 54, 1622-9	2.9	33
138	Interleukin-15-activated cytokine-induced killer cells may sustain remission in leukemia patients after allogeneic stem cell transplantation: feasibility, safety and first insights on efficacy. <i>Haematologica</i> , <b>2016</b> , 101, e153-6	6.6	31
137	Automated CD34+ cell isolation of peripheral blood stem cell apheresis product. <i>Cytotherapy</i> , <b>2015</b> , 17, 1465-71	4.8	31
136	Pediatric apheresis with a novel apheresis device with electronic interface control. <i>Transfusion</i> , <b>2013</b> , 53, 761-5	2.9	30
135	Stable FIX Expression and Durable Reductions in Bleeding and Factor IX Consumption for up to 4 Years Following AMT-060 Gene Therapy in Adults with Severe or Moderate-Severe Hemophilia B. <i>Blood</i> , <b>2019</b> , 134, 2059-2059	2.2	28
134	Red blood cell depletion from bone marrow and peripheral blood buffy coat: a comparison of two new and three established technologies. <i>Transfusion</i> , <b>2015</b> , 55, 1275-82	2.9	26
133	Continuous blockade of CXCR4 results in dramatic mobilization and expansion of hematopoietic stem and progenitor cells. <i>Blood</i> , <b>2017</b> , 129, 2939-2949	2.2	25
132	Biosimilar granulocyte-colony-stimulating factor for healthy donor stem cell mobilization: need we be afraid?. <i>Transfusion</i> , <b>2015</b> , 55, 430-9	2.9	24
131	Feasibility of IL-15-activated cytokine-induced killer cell infusions after haploidentical stem cell transplantation. <i>Bone Marrow Transplantation</i> , <b>2013</b> , 48, 1141-3	4.4	24
130	Infectious complications in children with acute lymphoblastic leukemia and T-cell lymphoma--a rationale for tailored supportive care. <i>Supportive Care in Cancer</i> , <b>2001</b> , 9, 514-21	3.9	24
129	Clinical-scale isolation of the total <i>Aspergillus fumigatus</i> -reactive T-helper cell repertoire for adoptive transfer. <i>Cytotherapy</i> , <b>2015</b> , 17, 1396-405	4.8	23

128	Improved outcome with repeated intracoronary injection of bone marrow-derived cells within a registry: rationale for the randomized outcome trial REPEAT. <i>European Heart Journal</i> , <b>2016</b> , 37, 1659-66	9.5	23
127	Characterization of bone marrow mononuclear cells on biomaterials for bone tissue engineering in vitro. <i>BioMed Research International</i> , <b>2015</b> , 2015, 762407	3	23
126	CARAMBA: a first-in-human clinical trial with SLAMF7 CAR-T cells prepared by virus-free Sleeping Beauty gene transfer to treat multiple myeloma. <i>Gene Therapy</i> , <b>2021</b> , 28, 560-571	4	23
125	Safety and feasibility of cell-based therapy of autologous bone marrow-derived mononuclear cells in plate-stabilized proximal humeral fractures in humans. <i>Journal of Translational Medicine</i> , <b>2016</b> , 14, 314	8.5	22
124	Children and Adults with Refractory Acute Graft-versus-Host Disease Respond to Treatment with the Mesenchymal Stromal Cell Preparation "MSC-FFM"-Outcome Report of 92 Patients. <i>Cells</i> , <b>2019</b> , 8,	7.9	22
123	Functional Dominance of CHIP-Mutated Hematopoietic Stem Cells in Patients Undergoing Autologous Transplantation. <i>Cell Reports</i> , <b>2019</b> , 27, 2022-2028.e3	10.6	21
122	Cancer-induced inflammation and inflammation-induced cancer in colon: a role for S1P lyase. <i>Oncogene</i> , <b>2019</b> , 38, 4788-4803	9.2	21
121	Healthy donor hematopoietic stem cell mobilization with biosimilar granulocyte-colony-stimulating factor: safety, efficacy, and graft performance. <i>Transfusion</i> , <b>2016</b> , 56, 3055-3064	2.9	20
120	Generation and characterization of erythroid cells from human embryonic stem cells and induced pluripotent stem cells: an overview. <i>Stem Cells International</i> , <b>2011</b> , 2011, 791604	5	20
119	Targeting VLA4 integrin and CXCR2 mobilizes serially repopulating hematopoietic stem cells. <i>Journal of Clinical Investigation</i> , <b>2019</b> , 129, 2745-2759	15.9	20
118	Mesenchymal stromal cells derived from CD271(+) bone marrow mononuclear cells exert potent allosuppressive properties. <i>Cytotherapy</i> , <b>2011</b> , 13, 1193-204	4.8	19
117	Highly Efficient Generation of Transgenically Augmented CAR NK Cells Overexpressing CXCR4. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 2028	8.4	19
116	Untouched GMP-Ready Purified Engineered Immune Cells to Treat Cancer. <i>Clinical Cancer Research</i> , <b>2015</b> , 21, 3957-68	12.9	18
115	Clearance of Hematologic Malignancies by Allogeneic Cytokine-Induced Killer Cell or Donor Lymphocyte Infusions. <i>Biology of Blood and Marrow Transplantation</i> , <b>2019</b> , 25, 1281-1292	4.7	17
114	Generation of alloreactivity-reduced donor lymphocyte products retaining memory function by fully automatic depletion of CD45RA-positive cells. <i>Cytotherapy</i> , <b>2018</b> , 20, 532-542	4.8	17
113	Automation of cellular therapy product manufacturing: results of a split validation comparing CD34 selection of peripheral blood stem cell apheresis product with a semi-manual vs. an automatic procedure. <i>Journal of Translational Medicine</i> , <b>2016</b> , 14, 76	8.5	17
112	Progressive multifocal leukoencephalopathy in a patient post allo-HCT successfully treated with JC virus specific donor lymphocytes. <i>Journal of Translational Medicine</i> , <b>2020</b> , 18, 177	8.5	17
111	HSP90 promotes Burkitt lymphoma cell survival by maintaining tonic B-cell receptor signaling. <i>Blood</i> , <b>2017</b> , 129, 598-608	2.2	16

110	Automated isolation of primary antigen-specific T cells from donor lymphocyte concentrates: results of a feasibility exercise. <i>Vox Sanguinis</i> , <b>2015</b> , 109, 387-93	3.1	16
109	Immunomagnetic selection or irradiation eliminates alloreactive cells but also reduces anti-tumor potential of cytokine-induced killer cells: implications for unmanipulated cytokine-induced killer cell infusion. <i>Cytotherapy</i> , <b>2014</b> , 16, 835-44	4.8	16
108	Granulocyte collections: comparison of two apheresis systems. <i>Transfusion</i> , <b>2013</b> , 53, 3262-8	2.9	16
107	The osteo-inductive activity of bone-marrow-derived mononuclear cells resides within the CD14+ population and is independent of the CD34+ population. <i>European Cells and Materials</i> , <b>2018</b> , 35, 165-177	4.3	16
106	Cytomegalovirus-specific cytokine-induced killer cells: concurrent targeting of leukemia and cytomegalovirus. <i>Cytotherapy</i> , <b>2015</b> , 17, 1139-51	4.8	15
105	Epigenetic modifications and chromosome conformations of the beta globin locus throughout development. <i>Stem Cell Reviews and Reports</i> , <b>2013</b> , 9, 397-407	6.4	15
104	Bone marrow involvement identifies a subgroup of advanced Ewing sarcoma patients with fatal outcome irrespective of therapy in contrast to curable patients with multiple bone metastases but unaffected marrow. <i>Oncotarget</i> , <b>2016</b> , 7, 70959-70968	3.3	15
103	MiR144/451 Expression Is Repressed by RUNX1 During Megakaryopoiesis and Disturbed by RUNX1/ETO. <i>PLoS Genetics</i> , <b>2016</b> , 12, e1005946	6	15
102	A Proof of the Low Speed Centrifugation Concept in Rodents: New Perspectives for In Vivo Research. <i>Tissue Engineering - Part C: Methods</i> , <b>2018</b> , 24, 659-670	2.9	15
101	CD105 is a surface marker for receptor-targeted gene transfer into human long-term repopulating hematopoietic stem cells. <i>Stem Cells and Development</i> , <b>2015</b> , 24, 714-23	4.4	14
100	Mobilization of hematopoietic stem cells with highest self-renewal by G-CSF precedes clonogenic cell mobilization peak. <i>Experimental Hematology</i> , <b>2016</b> , 44, 303-14.e1	3.1	14
99	Integrin $\beta$ mediates the drug resistance of acute lymphoblastic B-cell leukemia. <i>Blood</i> , <b>2020</b> , 136, 210-223	2	14
98	Impact of Charged Particle Exposure on Homologous DNA Double-Strand Break Repair in Human Blood-Derived Cells. <i>Frontiers in Oncology</i> , <b>2015</b> , 5, 250	5.3	13
97	Hematopoietic alterations in chronic heart failure patients by somatic mutations leading to clonal hematopoiesis. <i>Haematologica</i> , <b>2020</b> , 105, e328-e332	6.6	11
96	The p67 laminin receptor identifies human erythroid progenitor and precursor cells and is functionally important for their bone marrow lodgment. <i>Blood</i> , <b>2006</b> , 108, 1230-3	2.2	11
95	TCR-Alpha/Beta and CD19 Depleted Haploidentical Stem Cell Transplantation Following Reduced Intensity Conditioning in Children: First Results of a Prospective Multicenter Phase I/II Clinical Trial. <i>Blood</i> , <b>2016</b> , 128, 389-389	2.2	11
94	ATIR101 administered after T-cell-depleted haploidentical HSCT reduces NRM and improves overall survival in acute leukemia. <i>Leukemia</i> , <b>2020</b> , 34, 1907-1923	10.7	10
93	Defective IL-23/IL-17 Axis Protects p47phox <sup>-/-</sup> Mice from Colon Cancer. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 44	8.4	10

92	Variant rs1801157 in the 3'UTR of SDF-1 does not explain variability of healthy-donor G-CSF responsiveness. <i>PLoS ONE</i> , <b>2015</b> , 10, e0121859	3.7	10
91	Leucodepletion for hyperleucocytosis--first report on a novel technology featuring electronic interphase management. <i>Vox Sanguinis</i> , <b>2013</b> , 105, 47-53	3.1	10
90	Blockade of alpha6-integrin reveals diversity in homing patterns among human, baboon, and murine cells. <i>Stem Cells and Development</i> , <b>2009</b> , 18, 839-44	4.4	10
89	Blood types of current embryonic stem cell lines are not conducive to culturing "universal-donor" red blood cells. <i>Transfusion</i> , <b>2008</b> , 48, 1039-40	2.9	10
88	Improving Clinical Manufacturing of IL-15 Activated Cytokine-Induced Killer (CIK) Cells. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 1218	8.4	9
87	Optimization of individualized graft composition: CD3/CD19 depletion combined with CD34 selection for haploidentical transplantation. <i>Transfusion</i> , <b>2016</b> , 56, 2336-45	2.9	9
86	Siglec-6 is a novel target for CAR T-cell therapy in acute myeloid leukemia. <i>Blood</i> , <b>2021</b> , 138, 1830-1842	2.2	9
85	A validation protocol and evaluation algorithms to determine compatibility of cell therapy product matrices in microbiological testing. <i>Cell and Tissue Banking</i> , <b>2015</b> , 16, 311-8	2.2	8
84	Functional consequences of perturbed CXCL12 signal processing: analyses of immature hematopoiesis in GRK6-deficient mice. <i>Stem Cells and Development</i> , <b>2015</b> , 24, 737-46	4.4	8
83	Supportive care during pediatric hematopoietic stem cell transplantation: beyond infectious diseases. A report from workshops on supportive care of the Pediatric Diseases Working Party (PDWP) of the European Society for Blood and Marrow Transplantation (EBMT). <i>Bone Marrow Transplantation</i> , <b>2020</b> , 55, 1126-1136	4.4	8
82	Protein arginine methyltransferase 6 controls erythroid gene expression and differentiation of human CD34 progenitor cells. <i>Haematologica</i> , <b>2018</b> , 103, 18-29	6.6	8
81	Donor Lymphocytes Depleted of Alloreactive T-Cells (ATIR101) Improve Event-Free Survival (GRFS) and Overall Survival in a T-Cell Depleted Haploidentical HSCT: Phase 2 Trial in Patients with AML and ALL. <i>Blood</i> , <b>2016</b> , 128, 1226-1226	2.2	8
80	Risks of leukapheresis and how to manage them-A non-systematic review. <i>Transfusion and Apheresis Science</i> , <b>2018</b> , 57, 628-634	2.4	8
79	Generation and flow cytometric quality control of clinical-scale TCR $\alpha$ /CD19-depleted grafts. <i>Cytometry Part B - Clinical Cytometry</i> , <b>2017</b> , 92, 126-135	3.4	7
78	Hematopoietic-Extrinsic Cues Dictate Circadian Redistribution of Mature and Immature Hematopoietic Cells in Blood and Spleen. <i>Cells</i> , <b>2019</b> , 8,	7.9	7
77	Directed Differentiation of Mobilized Hematopoietic Stem and Progenitor Cells into Functional NK cells with Enhanced Antitumor Activity. <i>Cells</i> , <b>2020</b> , 9,	7.9	7
76	Multi-site evaluation of the BD Stem Cell Enumeration Kit for CD34(+) cell enumeration on the BD FACSCanto II and BD FACSCalibur flow cytometers. <i>Cytotherapy</i> , <b>2014</b> , 16, 1558-1574	4.8	7
75	Effects of CD49d-targeted antisense-oligonucleotide on $\alpha$ 4 integrin expression and function of acute lymphoblastic leukemia cells: Results of in vitro and in vivo studies. <i>PLoS ONE</i> , <b>2017</b> , 12, e0187684	3.7	6

74	In-vitro influence of mycophenolate mofetil (MMF) and Ciclosporin A (CsA) on cytokine induced killer (CIK) cell immunotherapy. <i>Journal of Translational Medicine</i> , <b>2016</b> , 14, 264	8.5	6
73	Dopaminergic Modulation of Cognitive Preparation for Overt Reading: Evidence from the Study of Genetic Polymorphisms. <i>Cerebral Cortex</i> , <b>2016</b> , 26, 1539-1557	5.1	6
72	ERBB2-CAR-Engineered Cytokine-Induced Killer Cells Exhibit Both CAR-Mediated and Innate Immunity Against High-Risk Rhabdomyosarcoma. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 581468	8.4	6
71	Epstein-Barr virus-specific cytokine-induced killer cells for treatment of Epstein-Barr virus-related malignant lymphoma. <i>Cytotherapy</i> , <b>2018</b> , 20, 839-850	4.8	6
70	Results of a multicenter phase I/II trial of TCR $\alpha$ and CD19-depleted haploidentical hematopoietic stem cell transplantation for adult and pediatric patients.. <i>Bone Marrow Transplantation</i> , <b>2021</b> ,	4.4	6
69	Erythrocyte depletion from bone marrow: performance evaluation after 50 clinical-scale depletions with Spectra Optia BMC. <i>Journal of Translational Medicine</i> , <b>2017</b> , 15, 174	8.5	5
68	Long-term functional impairment of hemopoietic progenitor cells engineered to express the S1 catalytic subunit of pertussis toxin. <i>Experimental Hematology</i> , <b>2005</b> , 33, 689-98	3.1	5
67	AMT-060 Gene Therapy in Adults with Severe or Moderate-Severe Hemophilia B Confirm Stable FIX Expression and Durable Reductions in Bleeding and Factor IX Consumption for up to 5 Years. <i>Blood</i> , <b>2020</b> , 136, 26-26	2.2	5
66	Genomic Analyses of SLAMF7 CAR-T Cells Manufactured by Sleeping Beauty Transposon Gene Transfer for Immunotherapy of Multiple Myeloma		5
65	Mesenchymal stromal cells for osteonecrosis. <i>Journal of Translational Medicine</i> , <b>2020</b> , 18, 399	8.5	5
64	AXL Inhibition in Macrophages Stimulates Host-versus-Leukemia Immunity and Eradicates Na $\bar{m}$ e and Treatment-Resistant Leukemia. <i>Cancer Discovery</i> , <b>2021</b> , 11, 2924-2943	24.4	5
63	Supportive Care During Pediatric Hematopoietic Stem Cell Transplantation: Prevention of Infections. A Report From Workshops on Supportive Care of the Paediatric Diseases Working Party (PDWP) of the European Society for Blood and Marrow Transplantation (EBMT). <i>Frontiers in Pediatrics</i> , <b>2021</b> , 9, 705170	3.4	5
62	Update on biosimilars of granulocyte colony-stimulating factor - when no news is good news. <i>Current Opinion in Hematology</i> , <b>2016</b> , 23, 61-6	3.3	5
61	Reducing the red blood cell transfusion threshold from 8 $\bar{D}$ g/dl to 7 $\bar{D}$ g/dl in acute myeloid leukaemia patients undergoing induction chemotherapy reduces transfusion rates without adversely affecting patient outcome. <i>Vox Sanguinis</i> , <b>2020</b> , 115, 570-578	3.1	4
60	A novel association between relaxin receptor polymorphism and hematopoietic stem cell yield after mobilization. <i>PLoS ONE</i> , <b>2017</b> , 12, e0179986	3.7	4
59	Promises and Challenges in Hematopoietic Stem Cell Gene Therapy. <i>Human Gene Therapy</i> , <b>2017</b> , 28, 782-799	4.99	4
58	Validation of a rapid and inexpensive allele-specific amplification (ASA)-PCR genotyping assay for vitamin K antagonist pharmacogenomics. <i>Molecular Diagnosis and Therapy</i> , <b>2011</b> , 15, 13-9	4.5	4
57	Release of the soluble interleukin-6 receptor from human T-cells. <i>Immunological Investigations</i> , <b>1998</b> , 27, 47-55	2.9	4



56	Response: More about multiple sclerosis, natalizumab, and CD34+ hematopoietic progenitors. <i>Blood</i> , <b>2008</b> , 112, 209-210	2.2	4
55	Oral Small Molecule Inhibitor of VLA-4 Overcomes Adhesion Mediated Chemotherapy Resistance of Acute Myeloid Leukemia (AML) Blasts in Vitro, without Impairment of Normal Blood Cell Recovery When Combined with Chemotherapy in Vivo. <i>Blood</i> , <b>2008</b> , 112, 858-858	2.2	4
54	Genome-Wide DNA Methylation Profiling in Early Stage I Lung Adenocarcinoma Reveals Predictive Aberrant Methylation in the Promoter Region of the Long Noncoding RNA PLUT: An Exploratory Study. <i>Journal of Thoracic Oncology</i> , <b>2020</b> , 15, 1338-1350	8.9	4
53	Albumin Modifies Responses to Hematopoietic Stem Cell Mobilizing Agents in Mice. <i>Cells</i> , <b>2019</b> , 9,	7.9	4
52	Unstimulated apheresis for chimeric antigen receptor manufacturing in pediatric/adolescent acute lymphoblastic leukemia patients. <i>Journal of Clinical Apheresis</i> , <b>2020</b> , 35, 398-405	3.2	4
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41	FLT3 Inhibitor Treatment Increases FLT3 Expression That Exposes FLT3-ITD+ AML Blasts to Elimination By FLT3 CAR-T Cells. <i>Blood</i> , <b>2018</b> , 132, 903-903	2.2	2
40	Development and Exploitation of a Fully Human and Modular Organotypic Bone Marrow Niche Model to Study the Role of Stroma-Produced Factors in Human MDS. <i>Blood</i> , <b>2020</b> , 136, 23-23	2.2	2
39	The Small Molecule Inhibitor of VLA4 TBC3486 Sensitizes Resistant ALL to Chemotherapy. <i>Blood</i> , <b>2012</b> , 120, 1500-1500	2.2	2

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37	The transcription factor TAL1 and miR-17-92 create a regulatory loop in hematopoiesis. <i>Scientific Reports</i> , <b>2020</b> , 10, 21438	4.9	2
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28	Preclinical Evaluation of Tysabri as a Novel Adjuvant Therapy against Drug Resistant B-ALL.. <i>Blood</i> , <b>2009</b> , 114, 3089-3089	2.2	1
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