

Halvard Bonig

List of Publications by Year in Descending Order

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

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	Providing the Starting Material to the Manufacturer of an Approved and Commercially Available Autologous CAR-T Cell Treatment 2022 , 31-36		
180	Management of Chronic Graft-vs.-Host Disease in Children and Adolescents With ALL: Present Status and Model for a Personalised Management Plan.. <i>Frontiers in Pediatrics</i> , 2022 , 10, 808103	3.4	1
179	Superior physical and mental health of healthy volunteers before and five years after mobilized stem cell donation.. <i>Journal of Translational Medicine</i> , 2022 , 20, 121	8.5	
178	Severe impairment of T-cell responses to BNT162b2 immunization in multiple myeloma patients. <i>Blood</i> , 2021 ,	2.2	3
177	Implication of ICOSLG on Relapse in Infant T(4;11) Acute Lymphoblastic Leukemia. <i>Blood</i> , 2021 , 138, 3481-3481		
176	Current Prophylaxis and Treatment Approaches for Acute Graft-Versus-Host Disease in Haematopoietic Stem Cell Transplantation for Children With Acute Lymphoblastic Leukaemia.. <i>Frontiers in Pediatrics</i> , 2021 , 9, 784377	3.4	
175	Generation and validation of a formula to calculate hemoglobin loss on a cohort of healthy adults subjected to controlled blood loss. <i>Journal of Translational Medicine</i> , 2021 , 19, 116	8.5	0
174	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> , 2021 , 28, 560-571	4	23
173	Allogeneic transplant procurement in the times of COVID-19: Quality report from the central European cryopreservation site. <i>Journal of Translational Medicine</i> , 2021 , 19, 145	8.5	3
172	Absence of the CXCR4 antagonist EPI-X4 from pharmaceutical human serum albumin preparations. <i>Journal of Translational Medicine</i> , 2021 , 19, 190	8.5	1
171	Depletion of CD45RA T cells: Advantages and disadvantages of different purification methods. <i>Journal of Immunological Methods</i> , 2021 , 492, 112960	2.5	0
170	PRMT6 activates cyclin D1 expression in conjunction with the transcription factor LEF1. <i>Oncogenesis</i> , 2021 , 10, 42	6.6	0
169	Preanalytic depletion of medicinal anti-CD38 antibody from patient plasma for immunohematology testing. <i>Blood</i> , 2021 , 138, 814-817	2.2	0
168	AXL Inhibition in Macrophages Stimulates Host-versus-Leukemia Immunity and Eradicates Naïve and Treatment-Resistant Leukemia. <i>Cancer Discovery</i> , 2021 , 11, 2924-2943	24.4	5
167	Siglec-6 is a novel target for CAR T-cell therapy in acute myeloid leukemia. <i>Blood</i> , 2021 , 138, 1830-1842	2.2	9
166	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> , 2021 , 9, 705179	3.4	5
165	ABO incompatible graft management in pediatric transplantation. <i>Bone Marrow Transplantation</i> , 2021 , 56, 84-90	4.4	1

164	CD3/CD19 Depletion for T-cell Reduction of Allogeneic Transplants: Mostly Efficient, but not Robust. <i>Clinical Hematology International</i> , 2021 , 3, 103-107	1.8	1
163	Special Clinical Scenarios: Hyperleukocytosis. <i>Hematologic Malignancies</i> , 2021 , 267-273	0	2
162	Oncostatin M regulates hematopoietic stem cell (HSC) niches in the bone marrow to restrict HSC mobilization. <i>Leukemia</i> , 2021 ,	10.7	1
161	Results of a multicenter phase I/II trial of TCR β and CD19-depleted haploidentical hematopoietic stem cell transplantation for adult and pediatric patients.. <i>Bone Marrow Transplantation</i> , 2021 ,	4.4	6
160	Hematopoietic alterations in chronic heart failure patients by somatic mutations leading to clonal hematopoiesis. <i>Haematologica</i> , 2020 , 105, e328-e332	6.6	11
159	Introduction of principles of blood management to healthy donor bone marrow harvesting. <i>Vox Sanguinis</i> , 2020 , 115, 802-812	3.1	2
158	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> , 2020 , 55, 1126-1136	4.4	8
157	ATIR101 administered after T-cell-depleted haploidentical HSCT reduces NRM and improves overall survival in acute leukemia. <i>Leukemia</i> , 2020 , 34, 1907-1923	10.7	10
156	Reducing the red blood cell transfusion threshold from 80 g/dl to 70 g/dl in acute myeloid leukaemia patients undergoing induction chemotherapy reduces transfusion rates without adversely affecting patient outcome. <i>Vox Sanguinis</i> , 2020 , 115, 570-578	3.1	4
155	Directed Differentiation of Mobilized Hematopoietic Stem and Progenitor Cells into Functional NK cells with Enhanced Antitumor Activity. <i>Cells</i> , 2020 , 9,	7.9	7
154	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> , 2020 , 136, 26-26	2.2	5
153	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> , 2020 , 136, 23-23	2.2	2
152	Integrin β mediates the drug resistance of acute lymphoblastic B-cell leukemia. <i>Blood</i> , 2020 , 136, 210-223.2	2.2	14
151	Donor-intrinsic variables determine mobilization efficiency: analyses from a cohort of sixty twice-mobilized stem cell donors. <i>Journal of Translational Medicine</i> , 2020 , 18, 487	8.5	
150	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> , 2020 , 15, 1338-1350	8.9	4
149	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> , 2020 , 105, 297-316	6.6	122
148	ERBB2-CAR-Engineered Cytokine-Induced Killer Cells Exhibit Both CAR-Mediated and Innate Immunity Against High-Risk Rhabdomyosarcoma. <i>Frontiers in Immunology</i> , 2020 , 11, 581468	8.4	6
147	Highly Efficient Generation of Transgenically Augmented CAR NK Cells Overexpressing CXCR4. <i>Frontiers in Immunology</i> , 2020 , 11, 2028	8.4	19

146	Mesenchymal stromal cells for osteonecrosis. <i>Journal of Translational Medicine</i> , 2020 , 18, 399	8.5	5
145	Unstimulated apheresis for chimeric antigen receptor manufacturing in pediatric/adolescent acute lymphoblastic leukemia patients. <i>Journal of Clinical Apheresis</i> , 2020 , 35, 398-405	3.2	4
144	The transcription factor TAL1 and miR-17-92 create a regulatory loop in hematopoiesis. <i>Scientific Reports</i> , 2020 , 10, 21438	4.9	2
143	Progressive multifocal leukoencephalopathy in a patient post allo-HCT successfully treated with JC virus specific donor lymphocytes. <i>Journal of Translational Medicine</i> , 2020 , 18, 177	8.5	17
142	Hematopoietic-Extrinsic Cues Dictate Circadian Redistribution of Mature and Immature Hematopoietic Cells in Blood and Spleen. <i>Cells</i> , 2019 , 8,	7.9	7
141	Improving Clinical Manufacturing of IL-15 Activated Cytokine-Induced Killer (CIK) Cells. <i>Frontiers in Immunology</i> , 2019 , 10, 1218	8.4	9
140	Functional Dominance of CHIP-Mutated Hematopoietic Stem Cells in Patients Undergoing Autologous Transplantation. <i>Cell Reports</i> , 2019 , 27, 2022-2028.e3	10.6	21
139	Clearance of Hematologic Malignancies by Allogeneic Cytokine-Induced Killer Cell or Donor Lymphocyte Infusions. <i>Biology of Blood and Marrow Transplantation</i> , 2019 , 25, 1281-1292	4.7	17
138	Clinical Use of Mesenchymal Stromal Cells in the Treatment of Acute Graft-versus-Host Disease. <i>Transfusion Medicine and Hemotherapy</i> , 2019 , 46, 27-34	4.2	46
137	Modest and nonessential roles of the endocannabinoid system in immature hematopoiesis of mice. <i>Experimental Hematology</i> , 2019 , 78, 35-45	3.1	
136	Targeting VLA4 integrin and CXCR2 mobilizes serially repopulating hematopoietic stem cells. <i>Journal of Clinical Investigation</i> , 2019 , 129, 2745-2759	15.9	20
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> , 2019 , 134, 2059-2059	2.2	28
134	Addition of ATIR101, an Adjunctive Treatment Following T-Cell-Depleted Haploidentical HSCT, May Decrease Non-Relapse Mortality and May Improve Survival of Patients with Hematologic Malignancies, Irrespective of Prognostic Risk Factors. <i>Blood</i> , 2019 , 134, 592-592	2.2	
133	Cell Adhesion of ALL to Stromal Cells May Mediate CAR T-Cell Resistance: A Novel Escape Mechanism for Immunotherapy. <i>Blood</i> , 2019 , 134, 2623-2623	2.2	
132	Albumin Modifies Responses to Hematopoietic Stem Cell Mobilizing Agents in Mice. <i>Cells</i> , 2019 , 9,	7.9	4
131	Cancer-induced inflammation and inflammation-induced cancer in colon: a role for S1P lyase. <i>Oncogene</i> , 2019 , 38, 4788-4803	9.2	21
130	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> , 2019 , 8,	7.9	22
129	Mobilized peripheral blood stem cell apheresis via Hickman catheter in pediatric patients. <i>Transfusion</i> , 2019 , 59, 1061-1068	2.9	2

128	FUSE binding protein 1 (FUBP1) expression is upregulated by T-cell acute lymphocytic leukemia protein 1 (TAL1) and required for efficient erythroid differentiation. <i>PLoS ONE</i> , 2019 , 14, e0210515	3.7	4
127	Efficient Non-viral Gene Delivery into Human Hematopoietic Stem Cells by Minicircle Sleeping Beauty Transposon Vectors. <i>Molecular Therapy</i> , 2018 , 26, 1137-1153	11.7	33
126	Generation of alloreactivity-reduced donor lymphocyte products retaining memory function by fully automatic depletion of CD45RA-positive cells. <i>Cytotherapy</i> , 2018 , 20, 532-542	4.8	17
125	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> , 2018 , 53, 852-862	4.4	59
124	CAR T-cells targeting FLT3 have potent activity against FLT3ITD AML and act synergistically with the FLT3-inhibitor crenolanib. <i>Leukemia</i> , 2018 , 32, 1168-1179	10.7	97
123	Autologous cell-based therapy for treatment of large bone defects: from bench to bedside. <i>European Journal of Trauma and Emergency Surgery</i> , 2018 , 44, 649-665	2.3	33
122	Phase II study of haploidentical stem cell transplantation using ex vivo photodepletion of donor lymphocyte infusions to eliminate anti-host reactivity results in low relapse rates and high survival rates: Final 2 year follow-up. <i>Cytotherapy</i> , 2018 , 20, S10-S11	4.8	2
121	Protein arginine methyltransferase 6 controls erythroid gene expression and differentiation of human CD34 progenitor cells. <i>Haematologica</i> , 2018 , 103, 18-29	6.6	8
120	Clinical grade manufacturing of genetically modified, CAR-expressing NK-92 cells for the treatment of ErbB2-positive malignancies. <i>Cancer Immunology, Immunotherapy</i> , 2018 , 67, 25-38	7.4	54
119	Reduction in Annualized Bleeding and Factor IX Consumption up to 2.5 Years in Adults with Severe or Moderate-Severe Hemophilia B Treated with AMT-060 (AAV5-hFIX) Gene Therapy. <i>Blood</i> , 2018 , 132, 3476-3476	2.2	3
118	Results of a Prospective, Multicenter, Phase I/II Clinical Study in Pediatric and Adult Patients Using TCR Alpha/Beta and CD19 Depleted Haploidentical Hematopoietic Stem Cell Grafts Following Reduced-Intensity Conditioning. <i>Blood</i> , 2018 , 132, 604-604	2.2	1
117	Children and Adults with Steroid-Refractory Acute Graft-Versus-Host Disease Respond to Treatment with the Mesenchymal Stroma Cell Preparation "MSC-FFM": Treatment Results for 92 Consecutive Patients. <i>Blood</i> , 2018 , 132, 603-603	2.2	1
116	FLT3 Inhibitor Treatment Increases FLT3 Expression That Exposes FLT3-ITD+ AML Blasts to Elimination By FLT3 CAR-T Cells. <i>Blood</i> , 2018 , 132, 903-903	2.2	2
115	Efficacy and Safety of a Single Dose of Donor Lymphocytes Depleted of Alloreactive T-Cells (ATIR101) Following T-Cell-Depleted Haploidentical HSCT: A Pooled Analysis of Two Phase II Studies. <i>Blood</i> , 2018 , 132, 120-120	2.2	1
114	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> , 2018 , 35, 165-177	4.3	16
113	Mesenchymale Stromazellen auf dem Weg zur klinischen Anwendung: Update 2018. <i>Transfusionsmedizin Immunhämatologie Hämotherapie Transplantationsimmunologie Zelltherapie</i> , 2018 , 8, 148-159	0.1	0
112	Gene therapy with adeno-associated virus vector 5-human factor IX in adults with hemophilia B. <i>Blood</i> , 2018 , 131, 1022-1031	2.2	161
111	A Proof of the Low Speed Centrifugation Concept in Rodents: New Perspectives for In Vivo Research. <i>Tissue Engineering - Part C: Methods</i> , 2018 , 24, 659-670	2.9	15

110	Risks of leukapheresis and how to manage them-A non-systematic review. <i>Transfusion and Apheresis Science</i> , 2018 , 57, 628-634	2.4	8
109	Epstein-Barr virus-specific cytokine-induced killer cells for treatment of Epstein-Barr virus-related malignant lymphoma. <i>Cytotherapy</i> , 2018 , 20, 839-850	4.8	6
108	Generation and flow cytometric quality control of clinical-scale TCR α /CD19-depleted grafts. <i>Cytometry Part B - Clinical Cytometry</i> , 2017 , 92, 126-135	3.4	7
107	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> , 2017 , 15, 2	8.5	33
106	Hoxa9 and Meis1 Cooperatively Induce Addiction to Syk Signaling by Suppressing miR-146a in Acute Myeloid Leukemia. <i>Cancer Cell</i> , 2017 , 31, 549-562.e11	24.3	59
105	Continuous blockade of CXCR4 results in dramatic mobilization and expansion of hematopoietic stem and progenitor cells. <i>Blood</i> , 2017 , 129, 2939-2949	2.2	25
104	HSP90 promotes Burkitt lymphoma cell survival by maintaining tonic B-cell receptor signaling. <i>Blood</i> , 2017 , 129, 598-608	2.2	16
103	The effect of intracoronary infusion of bone marrow-derived mononuclear cells on all-cause mortality in acute myocardial infarction: rationale and design of the BAMI trial. <i>European Journal of Heart Failure</i> , 2017 , 19, 1545-1550	12.3	36
102	A novel association between relaxin receptor polymorphism and hematopoietic stem cell yield after mobilization. <i>PLoS ONE</i> , 2017 , 12, e0179986	3.7	4
101	Effects of CD49d-targeted antisense-oligonucleotide on β 1 integrin expression and function of acute lymphoblastic leukemia cells: Results of in vitro and in vivo studies. <i>PLoS ONE</i> , 2017 , 12, e0187684	3.7	6
100	Erythrocyte depletion from bone marrow: performance evaluation after 50 clinical-scale depletions with Spectra Optia BMC. <i>Journal of Translational Medicine</i> , 2017 , 15, 174	8.5	5
99	Defective IL-23/IL-17 Axis Protects p47phox ^{-/-} Mice from Colon Cancer. <i>Frontiers in Immunology</i> , 2017 , 8, 44	8.4	10
98	Promises and Challenges in Hematopoietic Stem Cell Gene Therapy. <i>Human Gene Therapy</i> , 2017 , 28, 782-799	4.9	4
97	Hematopoietic transcription factors and differential cofactor binding regulate isoform expression. <i>Oncotarget</i> , 2017 , 8, 71685-71698	3.3	3
96	Optimization of individualized graft composition: CD3/CD19 depletion combined with CD34 selection for haploidentical transplantation. <i>Transfusion</i> , 2016 , 56, 2336-45	2.9	9
95	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> , 2016 , 101, e153-6	6.6	31
94	In-vitro influence of mycophenolate mofetil (MMF) and Ciclosporin A (CsA) on cytokine induced killer (CIK) cell immunotherapy. <i>Journal of Translational Medicine</i> , 2016 , 14, 264	8.5	6
93	Healthy donor hematopoietic stem cell mobilization with biosimilar granulocyte-colony-stimulating factor: safety, efficacy, and graft performance. <i>Transfusion</i> , 2016 , 56, 3055-3064	2.9	20

92	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> , 2016 , 14, 76	8.5	17
91	Mobilization of hematopoietic stem cells with highest self-renewal by G-CSF precedes clonogenic cell mobilization peak. <i>Experimental Hematology</i> , 2016 , 44, 303-14.e1	3.1	14
90	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> , 2016 , 37, 1659-66	9.5	23
89	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> , 2016 , 279, 306-13	20.5	67
88	Dopaminergic Modulation of Cognitive Preparation for Overt Reading: Evidence from the Study of Genetic Polymorphisms. <i>Cerebral Cortex</i> , 2016 , 26, 1539-1557	5.1	6
87	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> , 2016 , 128, 1226-1226	2.2	8
86	Expansion and Maintenance of Hematopoietic Stem and Progenitor Cells in Course of Long-Term Inhibition of CXCR4/CXCL12 Signaling. <i>Blood</i> , 2016 , 128, 2648-2648	2.2	1
85	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> , 2016 , 128, 389-389	2.2	11
84	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> , 2016 , 7, 70959-70968	3.3	15
83	Decentralized Manufacture of TCR-Alpha/Beta and CD19 Depleted Haploidentical Stem Cell Grafts for Children within a Multicenter Phase I/II Clinical Trial. <i>Blood</i> , 2016 , 128, 2172-2172	2.2	
82	MiR144/451 Expression Is Repressed by RUNX1 During Megakaryopoiesis and Disturbed by RUNX1/ETO. <i>PLoS Genetics</i> , 2016 , 12, e1005946	6	15
81	Update on biosimilars of granulocyte colony-stimulating factor - when no news is good news. <i>Current Opinion in Hematology</i> , 2016 , 23, 61-6	3.3	5
80	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> , 2016 , 14, 314	8.5	22
79	Feasibility of CD3/CD19 depletion of a bone marrow graft. <i>Cytotherapy</i> , 2016 , 18, 1345-7	4.8	2
78	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> , 2016 , 101, 985-94	6.6	52
77	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> , 2015 , 21, 1565-78	3.9	37
76	A validation protocol and evaluation algorithms to determine compatibility of cell therapy product matrices in microbiological testing. <i>Cell and Tissue Banking</i> , 2015 , 16, 311-8	2.2	8
75	Cytomegalovirus-specific cytokine-induced killer cells: concurrent targeting of leukemia and cytomegalovirus. <i>Cytotherapy</i> , 2015 , 17, 1139-51	4.8	15

74	Discovery and characterization of an endogenous CXCR4 antagonist. <i>Cell Reports</i> , 2015 , 11, 737-47	10.6	56
73	CD105 is a surface marker for receptor-targeted gene transfer into human long-term repopulating hematopoietic stem cells. <i>Stem Cells and Development</i> , 2015 , 24, 714-23	4.4	14
72	Untouched GMP-Ready Purified Engineered Immune Cells to Treat Cancer. <i>Clinical Cancer Research</i> , 2015 , 21, 3957-68	12.9	18
71	Clinical-scale isolation of the total <i>Aspergillus fumigatus</i> -reactive T-helper cell repertoire for adoptive transfer. <i>Cytotherapy</i> , 2015 , 17, 1396-405	4.8	23
70	Functional consequences of perturbed CXCL12 signal processing: analyses of immature hematopoiesis in GRK6-deficient mice. <i>Stem Cells and Development</i> , 2015 , 24, 737-46	4.4	8
69	Selective inhibition of tumor growth by clonal NK cells expressing an ErbB2/HER2-specific chimeric antigen receptor. <i>Molecular Therapy</i> , 2015 , 23, 330-8	11.7	187
68	Standardization of Good Manufacturing Practice-compliant production of bone marrow-derived human mesenchymal stromal cells for immunotherapeutic applications. <i>Cytotherapy</i> , 2015 , 17, 128-39	4.8	91
67	Biosimilar granulocyte-colony-stimulating factor for healthy donor stem cell mobilization: need we be afraid?. <i>Transfusion</i> , 2015 , 55, 430-9	2.9	24
66	Automated isolation of primary antigen-specific T cells from donor lymphocyte concentrates: results of a feasibility exercise. <i>Vox Sanguinis</i> , 2015 , 109, 387-93	3.1	16
65	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> , 2015 , 13, 315	8.5	35
64	Red blood cell depletion from bone marrow and peripheral blood buffy coat: a comparison of two new and three established technologies. <i>Transfusion</i> , 2015 , 55, 1275-82	2.9	26
63	Impact of Charged Particle Exposure on Homologous DNA Double-Strand Break Repair in Human Blood-Derived Cells. <i>Frontiers in Oncology</i> , 2015 , 5, 250	5.3	13
62	Variant rs1801157 in the 3'UTR of SDF-1 α does not explain variability of healthy-donor G-CSF responsiveness. <i>PLoS ONE</i> , 2015 , 10, e0121859	3.7	10
61	Characterization of bone marrow mononuclear cells on biomaterials for bone tissue engineering in vitro. <i>BioMed Research International</i> , 2015 , 2015, 762407	3	23
60	RUNX1 represses the erythroid gene expression program during megakaryocytic differentiation. <i>Blood</i> , 2015 , 125, 3570-9	2.2	68
59	Concise Review: CXCR4/CXCL12 Signaling in Immature Hematopoiesis--Lessons From Pharmacological and Genetic Models. <i>Stem Cells</i> , 2015 , 33, 2391-9	5.8	60
58	Automated CD34+ cell isolation of peripheral blood stem cell apheresis product. <i>Cytotherapy</i> , 2015 , 17, 1465-71	4.8	31
57	Overcoming Drug Resistance of Pre-B ALL Cells By Targeting Integrin α 6 Associated Cell-Adhesion Mediated Drug Resistance Using a Novel Antibody, P5G10. <i>Blood</i> , 2015 , 126, 2525-2525	2.2	1

56	Donor Lymphocytes Depleted of Alloreactive T-Cells (ATIR101) Reduce Transplant Related Mortality and Improve Overall Survival in Haploidentical HSCT for Patients with AML and ALL, Using an Immunosuppressant-Free Transplant Regimen. <i>Blood</i> , 2015 , 126, 4391-4391	2.2	3
55	Potent Stem Cell Mobilization with the Novel CXCR4 Antagonist POL6326 - Results of a Phase IIa Dose Escalation Study in Comparison to G-CSF. <i>Blood</i> , 2015 , 126, 511-511	2.2	2
54	Clinical-scale isolation of minimally manipulated Pcytomegalovirus-specific donor lymphocytes for the treatment of refractory cytomegalovirus disease. <i>Cytotherapy</i> , 2014 , 16, 1245-56	4.8	44
53	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> , 2014 , 16, 1558-1574	4.8	7
52	PADI4 acts as a coactivator of Tal1 by counteracting repressive histone arginine methylation. <i>Nature Communications</i> , 2014 , 5, 3995	17.4	46
51	Unstimulated leukapheresis in patients and donors: comparison of two apheresis systems. <i>Transfusion</i> , 2014 , 54, 1622-9	2.9	33
50	Smac mimetic and glucocorticoids synergize to induce apoptosis in childhood ALL by promoting ripoptosome assembly. <i>Blood</i> , 2014 , 124, 240-50	2.2	38
49	Role of integrin alpha4 in drug resistance of leukemia. <i>Frontiers in Oncology</i> , 2014 , 4, 99	5.3	59
48	In reply. <i>Transfusion</i> , 2014 , 54, 2585-6	2.9	
47	The challenges of autologous cell therapy: systemic anti-thrombotic therapies interfering with serum coagulation may disable autologous serum-containing cell products for therapeutical use. <i>Journal of Cardiovascular Translational Research</i> , 2014 , 7, 644-50	3.3	3
46	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> , 2014 , 16, 835-44	4.8	16
45	Pediatric apheresis with a novel apheresis device with electronic interface control. <i>Transfusion</i> , 2013 , 53, 761-5	2.9	30
44	Epigenetic modifications and chromosome conformations of the beta globin locus throughout development. <i>Stem Cell Reviews and Reports</i> , 2013 , 9, 397-407	6.4	15
43	Clonal analysis of multipotent stromal cells derived from CD271+ bone marrow mononuclear cells: functional heterogeneity and different mechanisms of allosuppression. <i>Haematologica</i> , 2013 , 98, 1609-16	6.6	35
42	Feasibility of IL-15-activated cytokine-induced killer cell infusions after haploidentical stem cell transplantation. <i>Bone Marrow Transplantation</i> , 2013 , 48, 1141-3	4.4	24
41	Leucodepletion for hyperleucocytosis--first report on a novel technology featuring electronic interphase management. <i>Vox Sanguinis</i> , 2013 , 105, 47-53	3.1	10
40	Integrin alpha4 blockade sensitizes drug resistant pre-B acute lymphoblastic leukemia to chemotherapy. <i>Blood</i> , 2013 , 121, 1814-8	2.2	82
39	Granulocyte collections: comparison of two apheresis systems. <i>Transfusion</i> , 2013 , 53, 3262-8	2.9	16

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37	Allogeneic donor peripheral blood "stem cell" apheresis: prospective comparison of two apheresis systems. <i>Transfusion</i> , 2012 , 52, 1137-45	2.9	65
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32	Mesenchymal stromal cells derived from CD271(+) bone marrow mononuclear cells exert potent allosuppressive properties. <i>Cytotherapy</i> , 2011 , 13, 1193-204	4.8	19
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29	Generation and characterization of erythroid cells from human embryonic stem cells and induced pluripotent stem cells: an overview. <i>Stem Cells International</i> , 2011 , 2011, 791604	5	20
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23	Vagrant stem cells draft their gene companions. <i>Cell Stem Cell</i> , 2010 , 7, 547-8	18	
22	Adjuvant CD49d Blockade Eradicates Chemo-resistant ALL. <i>Blood</i> , 2010 , 116, 869-869	2.2	1
21	Blockade of alpha6-integrin reveals diversity in homing patterns among human, baboon, and murine cells. <i>Stem Cells and Development</i> , 2009 , 18, 839-44	4.4	10

20	Insights into the biology of mobilized hematopoietic stem/progenitor cells through innovative treatment schedules of the CXCR4 antagonist AMD3100. <i>Experimental Hematology</i> , 2009 , 37, 402-15.e1	3.1	44
19	Concurrent blockade of alpha4-integrin and CXCR4 in hematopoietic stem/progenitor cell mobilization. <i>Stem Cells</i> , 2009 , 27, 836-7	5.8	51
18	On the adaptation of endosteal stem cell niche function in response to stress. <i>Blood</i> , 2009 , 114, 3773-82.	2.2	35
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15	Increased numbers of circulating hematopoietic stem/progenitor cells are chronically maintained in patients treated with the CD49d blocking antibody natalizumab. <i>Blood</i> , 2008 , 111, 3439-41	2.2	143
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