Martin BornhÃ¤user

List of Publications by Year
in descending order

210	11,584	50276	31849
papers	citations	46 h-index	101 g-index

214	214	214	14138
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Analysis of FLT3-activating mutations in 979 patients with acute myelogenous leukemia: association with FAB subtypes and identification of subgroups with poor prognosis. Blood, 2002, 99, 4326-4335.	1.4	1,550
2	Mesenchymal Stem Cells Can Be Differentiated Into Endothelial Cells In Vitro. Stem Cells, 2004, 22, 377-384.	3.2	1,143
3	Standard graft-versus-host disease prophylaxis with or without anti-T-cell globulin in haematopoietic cell transplantation from matched unrelated donors: a randomised, open-label, multicentre phase 3 trial. Lancet Oncology, The, 2009, 10, 855-864.	10.7	620
4	Apoptosis in mesenchymal stromal cells induces in vivo recipient-mediated immunomodulation. Science Translational Medicine, 2017, 9, .	12.4	512
5	Donor Lymphocyte Infusion in the Treatment of First Hematological Relapse After Allogeneic Stem-Cell Transplantation in Adults With Acute Myeloid Leukemia: A Retrospective Risk Factors Analysis and Comparison With Other Strategies by the EBMT Acute Leukemia Working Party. Journal of Clinical Oncology, 2007, 25, 4938-4945.	1.6	446
6	The European LeukemiaNet AML Working Party consensus statement on allogeneic HSCT for patients with AML in remission: an integrated-risk adapted approach. Nature Reviews Clinical Oncology, 2012, 9, 579-590.	27.6	352
7	Addition of sorafenib versus placebo to standard therapy in patients aged 60 years or younger with newly diagnosed acute myeloid leukaemia (SORAML): a multicentre, phase 2, randomised controlled trial. Lancet Oncology, The, 2015, 16, 1691-1699.	10.7	347
8	Sorafenib Maintenance After Allogeneic Hematopoietic Stem Cell Transplantation for Acute Myeloid Leukemia With FLT3â€“Internal Tandem Duplication Mutation (SORMAIN). Journal of Clinical Oncology, 2020, 38, 2993-3002.	1.6	335
9	Measurable residual disease-guided treatment with azacitidine to prevent haematological relapse in patients with myelodysplastic syndrome and acute myeloid leukaemia (RELAZA2): an open-label, multicentre, phase 2 trial. Lancet Oncology, The, 2018, 19, 1668-1679.	10.7	250
10	Reduced-intensity conditioning versus standard conditioning before allogeneic haemopoietic cell transplantation in patients with acute myeloid leukaemia in first complete remission: a prospective, open-label randomised phase 3 trial. Lancet Oncology, The, 2012, 13, 1035-1044.	10.7	237
11	Tightly anchored tissue-mimetic matrices as instructive stem cell microenvironments. Nature Methods, 2013, 10, 788-794.	19.0	195
12	Hematopoietic stem cells in co-culture with mesenchymal stromal cells - modeling the niche compartments in vitro. Haematologica, 2010, 95, 542-550.	3.5	190
13	Role of Donor Clonal Hematopoiesis in Allogeneic Hematopoietic Stem-Cell Transplantation. Journal of Clinical Oncology, 2019, 37, 375-385.	1.6	163
14	A novel prognostic model in elderly patients with acute myeloid leukemia: results of 909 patients entered into the prospective AML96 trial. Blood, 2010, 116, 971-978.	1.4	157
15	Adoptive transfer of allogeneic regulatory T cells into patients with chronic graft-versus-host disease. Cytotherapy, 2015, 17, 473-486.	0.7	149
16	Kit Regulates HSC Engraftment across the Human-Mouse Species Barrier. Cell Stem Cell, 2014, 15, 227-238.	11.1	142
17	Detection of human disease conditions by single-cell morpho-rheological phenotyping of blood. ELife, 2018, 7, .	6.0	125
18	Bone marrow central memory and memory stem T-cell exhaustion in AML patients relapsing after HSCT. Nature Communications, 2019, 10, 1065.	12.8	120

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19	The growth and differentiation of mesenchymal stem and progenitor cells cultured on aligned collagen matrices. Biomaterials, 2009, 30, 5950-5958.	11.4	118
20	Monitoring of donor chimerism in sorted CD34+ peripheral blood cells allows the sensitive detection of imminent relapse after allogeneic stem cell transplantation. Haematologica, 2009, 94, 1613-1617.	3.5	98
21	Cytarabine Dose of 36 g/m² Compared With 12 g/m² Within First Consolidation in Acute Myeloid Leukemia: Results of Patients Enrolled Onto the Prospective Randomized AML96 Study. Journal of Clinical Oncology, 2011, 29, 2696-2702.	1.6	94
22	TP53 abnormalities correlate with immune infiltration and associate with response to flotetuzumab immunotherapy in AML. Blood Advances, 2020, 4, 5011-5024.	5.2	85
23	OXPHOS Supercomplexes as a Hallmark of the Mitochondrial Phenotype of Adipogenic Differentiated Human MSCs. PLoS ONE, 2012, 7, e35160.	2.5	83
24	Allogeneic Stem Cell Transplantation for Myelofibrosis with Leukemic Transformation: A Study from the Myeloproliferative Neoplasm Subcommittee of the CMWP of the European Group for Blood and Marrow Transplantation. Biology of Blood and Marrow Transplantation, 2014, 20, 279-281.	2.0	83
25	CEBPA mutations in 4708 patients with acute myeloid leukemia: differential impact of bZIP and TAD mutations on outcome. Blood, 2022, 139, 87-103.	1.4	82
26	Direct contact with mesenchymal stromal cells affects migratory behavior and gene expression profile of CD133+ hematopoietic stem cells during ex vivo expansion. Experimental Hematology, 2009, 37, 504-513.	0.4	80
27	Mesenchymal Stromal Cells for Treatment of Acute Steroid-Refractory Graft Versus Host Disease: Clinical Responses and Long-Term Outcome. Stem Cells, 2016, 34, 357-366.	3.2	80
28	Gene-Expression Profiling of CD34+Hematopoietic Cells Expanded in a Collagen I Matrix. Stem Cells, 2006, 24, 494-500.	3.2	78
29	Secreted protein Del-1 regulates myelopoiesis in the hematopoietic stem cell niche. Journal of Clinical Investigation, 2017, 127, 3624-3639.	8.2	78
30	Allogeneic Stem-Cell Transplantation in Patients With NPM1-Mutated Acute Myeloid Leukemia: Results From a Prospective Donor Versus No-Donor Analysis of Patients After Upfront HLA Typing Within the SAL-AML 2003 Trial. Journal of Clinical Oncology, 2015, 33, 403-410.	1.6	74
31	Allogeneic Stem Cell Transplantation Improves Survival inÂPatients with Acute Myeloid Leukemia Characterized by a High Allelic Ratio of Mutant FLT3-ITD. Biology of Blood and Marrow Transplantation, 2016, 22, 462-469.	2.0	74
32	High-Dose Cytarabine Consolidation With or Without Additional Amsacrine and Mitoxantrone in Acute Myeloid Leukemia: Results of the Prospective Randomized AML2003 Trial. Journal of Clinical Oncology, 2013, 31, 2094-2102.	1.6	71
33	Proof of concept for a rapidly switchable universal CAR-T platform with UniCAR-T-CD123 in relapsed/refractory AML. Blood, 2021, 137, 3145-3148.	1.4	70
34	Extracellular matrix deposition of bone marrow stroma enhanced by macromolecular crowding. Biomaterials, 2015, 73, 60-69.	11.4	69
35	Conditioning with 8-Gy total body irradiation and fludarabine for allogeneic hematopoietic stem cell transplantation in acute myeloid leukemia. Blood, 2005, 106, 3314-3321.	1.4	67
36	Long-term efficacy of reduced-intensity versus myeloablative conditioning before allogeneic haemopoietic cell transplantation in patients with acute myeloid leukaemia in first complete remission: retrospective follow-up of an open-label, randomised phase 3 trial. Lancet Haematology,the, 2018, 5, e161-e169.	4.6	67

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37	Polarization of Human Hematopoietic Progenitors During Contact with Multipotent Mesenchymal Stromal Cells: Effects on Proliferation and Clonogenicity. Stem Cells and Development, 2006, 15, 815-829.	2.1	66
38	Engrafting human regulatory T cells with a flexible modular chimeric antigen receptor technology. Journal of Autoimmunity, 2018, 90, 116-131.	6.5	64
39	A three-dimensional ex vivo tri-culture model mimics cell-cell interactions between acute myeloid leukemia and the vascular niche. Haematologica, 2017, 102, 1215-1226.	3.5	63
40	Outcome of patients with abnl(17p) acute myeloid leukemia after allogeneic hematopoietic stem cell transplantation. Blood, 2014, 123, 2960-2967.	1.4	62
41	Mesenchymal Stromal Cells for Graft Versus Host Disease: Mechanism-Based Biomarkers. Frontiers in Immunology, 2020, 11, 1338.	4.8	60
42	RNAi profiling of primary human AML cells identifies ROCK1 as a therapeutic target and nominates fasudil as an antileukemic drug. Blood, 2015, 125, 3760-3768.	1.4	53
43	Polarization and Migration of Hematopoietic Stem and Progenitor Cells Rely on the RhoA/ROCK I Pathway and an Active Reorganization of the Microtubule Network. Journal of Biological Chemistry, 2010, 285, 31661-31671.	3.4	51
44	Cryogel-supported stem cell factory for customized sustained release of bispecific antibodies for cancer immunotherapy. Scientific Reports, 2017, 7, 42855.	3.3	51
45	Noncovalently Assembled Electroconductive Hydrogel. ACS Applied Materials & Interfaces, 2018, 10, 14418-14425.	8.0	50
46	Prophylactic transfer of BCR-ABLâ€“, PR1-, and WT1-reactive donor T cells after T cellâ€“depleted allogeneic hematopoietic cell transplantation in patients with chronic myeloid leukemia. Blood, 2011, 117, 7174-7184.	1.4	48
47	Allogeneic HSCT for Autoimmune Diseases: A Retrospective Study From the EBMT ADWP, IEWP, and PDWP Working Parties. Frontiers in Immunology, 2019, 10, 1570.	4.8	48
48	Differential effect of platelet-rich plasma and fetal calf serum on bone marrow-derived human mesenchymal stromal cells expanded in vitro. Journal of Tissue Engineering and Regenerative Medicine, 2011, 5, 648-654.	2.7	47
49	Combined influence of biophysical and biochemical cues on maintenance and proliferation of hematopoietic stem cells. Biomaterials, 2017, 138, 108-117.	11.4	47
50	Endogenous bone morphogenetic proteins in human bone marrow-derived multipotent mesenchymal stromal cells. European Journal of Cell Biology, 2009, 88, 257-271.	3.6	46
51	Enhanced labile plasma iron and outcome in acute myeloid leukaemia and myelodysplastic syndrome after allogeneic haemopoietic cell transplantation (ALLIVE): a prospective, multicentre, observational trial. Lancet Haematology,the, 2018, 5, e201-e210.	4.6	44
52	Allogeneic haematopoietic cell transplantation for chronic myelogenous leukaemia in the era of imatinib: a retrospective multicentre study. European Journal of Haematology, 2006, 76, 9-17.	2.2	43
53	Minimum Information about T Regulatory Cells: A Step toward Reproducibility and Standardization. Frontiers in Immunology, 2017, 8, 1844.	4.8	43
54	Mechanical phenotyping of primary human skeletal stem cells in heterogeneous populations by real-time deformability cytometry. Integrative Biology (United Kingdom), 2016, 8, 616-623.	1.3	42

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55	The Evolving Landscape of Biomarkers for Anti-PD-1 or Anti-PD-L1 Therapy. Journal of Clinical Medicine, 2019, 8, 1534.	2.4	41
56	Flexible Antigen-Specific Redirection of Human Regulatory T Cells Via a Novel Universal Chimeric Antigen Receptor System. Blood, 2014, 124, 3494-3494.	1.4	41
57	Unexpected recombinations in single chain bispecific anti-CD3â€“anti-CD33 antibodies can be avoided by a novel linker module. Molecular Immunology, 2011, 49, 474-482.	2.2	40
58	Biology-Driven Approaches to Prevent and Treat Relapse of Myeloid Neoplasia after Allogeneic Hematopoietic Stem Cell Transplantation. Biology of Blood and Marrow Transplantation, 2019, 25, e128-e140.	2.0	40
59	Application of machine learning in the management of acute myeloid leukemia: current practice and future prospects. Blood Advances, 2020, 4, 6077-6085.	5.2	40
60	Comparing transplant outcomes in ALL patients after haploidentical with PTCy or matched unrelated donor transplantation. Blood Advances, 2020, 4, 2073-2083.	5.2	39
61	Doseâ€reduced conditioning for allografting in 44 patients with chronic myeloid leukaemia: a retrospective analysis. British Journal of Haematology, 2001, 115, 119-124.	2.5	38
62	Safety of direct oral anticoagulant exposure during pregnancy: a retrospective cohort study. Lancet Haematology,the, 2020, 7, e884-e891.	4.6	38
63	Retargeting of UniCAR T cells with an in vivo synthesized target module directed against CD19 positive tumor cells. Oncotarget, 2018, 9, 7487-7500.	1.8	38
64	A Novel Ex Vivo Isolation and Expansion Procedure for Chimeric Antigen Receptor Engrafted Human T Cells. PLoS ONE, 2014, 9, e93745.	2.5	37
65	Impact of CXCR4 inhibition on FLT3-ITDâ^'positive human AML blasts. Experimental Hematology, 2010, 38, 180-190.	0.4	36
66	On the symmetry of siblings: automated single-cell tracking to quantify the behavior of hematopoietic stem cells in a biomimetic setup. Experimental Hematology, 2012, 40, 119-130.e9.	0.4	36
67	Tunneling nanotubes mediate the transfer of stem cell marker CD133 between hematopoietic progenitor cells. Experimental Hematology, 2016, 44, 1092-1112.e2.	0.4	36
68	A parsimonious 3-gene signature predicts clinical outcomes in an acute myeloid leukemia multicohort study. Blood Advances, 2019, 3, 1330-1346.	5.2	36
69	External validation of models for KIR2DS1/KIR3DL1-informed selection of hematopoietic cell donors fails. Blood, 2020, 135, 1386-1395.	1.4	36
70	Breast carcinoma cells modulate the chemoattractive activity of human bone marrow-derived mesenchymal stromal cells by interfering with CXCL12. International Journal of Cancer, 2015, 136, 44-54.	5.1	35
71	Automated Clinical Grade Expansion of Regulatory T Cells in a Fully Closed System. Frontiers in Immunology, 2019, 10, 38.	4.8	35
72	Dynamics of epigenetic age following hematopoietic stem cell transplantation. Haematologica, 2017, 102, e321-e323.	3.5	34

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73	Determinants of survival in myelofibrosis patients undergoing allogeneic hematopoietic cell transplantation. Leukemia, 2021, 35, 215-224.	7.2	34
74	Effect of Postremission Therapy before Reduced-Intensity Conditioning Allogeneic Transplantation for Acute Myeloid Leukemia in First Complete Remission. Biology of Blood and Marrow Transplantation, 2014, 20, 202-208.	2.0	33
75	Expression of the melanoma cell adhesion molecule in human mesenchymal stromal cells regulates proliferation, differentiation, and maintenance of hematopoietic stem and progenitor cells. Haematologica, 2013, 98, 505-513.	3.5	32
76	Impact of Different Exercise Programs on Severe Fatigue in Patients Undergoing Anticancer Treatmentâ€"AÂRandomized Controlled Trial. Journal of Pain and Symptom Management, 2017, 53, 57-66.	1.2	31
77	Spheroid Culture of Mesenchymal Stromal Cells Results in Morphorheological Properties Appropriate for Improved Microcirculation. Advanced Science, 2019, 6, 1802104.	11.2	31
78	The Health-Related Quality of Life of Sarcoma Patients and Survivors in Germanyâ€"Cross-Sectional Results of a Nationwide Observational Study (PROSa). Cancers, 2020, 12, 3590.	3.7	31
79	The prevalence of extramedullary acute myeloid leukemia detected by ¹⁸FDG-PET/CT: final results from the prospective PETAML trial. Haematologica, 2020, 105, 1552-1558.	3.5	31
80	Deep learning detects acute myeloid leukemia and predicts NPM1 mutation status from bone marrow smears. Leukemia, 2022, 36, 111-118.	7.2	31
81	Bone marrow niche-mimetics modulate HSPC function via integrin signaling. Scientific Reports, 2017, 7, 2549.	3.3	30
82	Distinguishing autocrine and paracrine signals in hematopoietic stem cell culture using a biofunctional microcavity platform. Scientific Reports, 2016, 6, 31951.	3.3	29
83	EZH2 mutations and impact on clinical outcome: an analysis in 1,604 patients with newly diagnosed acute myeloid leukemia. Haematologica, 2020, 105, e228-e231.	3.5	29
84	Real-world experience of CPX-351 as first-line treatment for patients with acute myeloid leukemia. Blood Cancer Journal, 2021, 11, 164.	6.2	29
85	Anti-CAR-engineered T cells for epitope-based elimination of autologous CAR T cells. Cancer Immunology, Immunotherapy, 2019, 68, 1401-1415.	4.2	27
86	Gemtuzumab Ozogamicin as Part of Reduced-Intensity Conditioning for Allogeneic Hematopoietic Cell Transplantation in Patients with Relapsed Acute Myeloid Leukemia. Clinical Cancer Research, 2008, 14, 5585-5593.	7.0	26
87	Engineered Extracellular Matrices Modulate the Expression Profile and Feeder Properties of Bone Marrow-Derived Human Multipotent Mesenchymal Stromal Cells. Tissue Engineering - Part A, 2009, 15, 3161-3171.	3.1	26
88	Autotaxin is expressed in FLT3-ITD positive acute myeloid leukemia and hematopoietic stem cells and promotes cell migration and proliferation. Experimental Hematology, 2013, 41, 444-461.e4.	0.4	25
89	Differences in Cellular Composition of Peripheral Blood Stem Cell Grafts from Healthy Stem Cell Donors Mobilized with Either Granulocyte Colony-Stimulating Factor (G-CSF) Alone or G-CSF and Plerixafor. Biology of Blood and Marrow Transplantation, 2018, 24, 2171-2177.	2.0	25
90	CD34+ -enriched peripheral blood progenitor cells from unrelated donors for allografting of adult patients: high risk of graft failure, infection and relapse despite donor lymphocyte add-back. British Journal of Haematology, 2002, 118, 1095-1103.	2.5	24

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91	Clonal hematopoiesis in patients with multiple myeloma undergoing autologous stem cell transplantation. Leukemia, 2018, 32, 2020-2024.	7.2	23
92	Concise Review: The Bone Marrow Niche as a Target of Graft Versus Host Disease. Stem Cells, 2014, 32, 1420-1428.	3.2	22
93	Breast cancer cells compete with hematopoietic stem and progenitor cells for intercellular adhesion molecule 1-mediated binding to the bone marrow microenvironment. Carcinogenesis, 2016, 37, 759-767.	2.8	22
94	The role of checkpoint blockade after allogeneic stem cell transplantation in diseases other than Hodgkinâ€™s Lymphoma. Bone Marrow Transplantation, 2019, 54, 1662-1667.	2.4	22
95	Reinforcement Learning for Precision Oncology. Cancers, 2021, 13, 4624.	3.7	22
96	¹⁸⁸Re antiâ€CD66 radioimmunotherapy combined with reducedâ€intensity conditioning and inâ€vivo T cell depletion in elderly patients undergoing allogeneic haematopoietic cell transplantation. British Journal of Haematology, 2010, 148, 910-917.	2.5	21
97	Monitoring of acute myeloid leukemia patients after allogeneic stem cell transplantation employing semi-automated CD34+ donor cell chimerism analysis. Annals of Hematology, 2014, 93, 279-285.	1.8	21
98	A high <scp>BMI</scp> is a risk factor in younger patients with de novo acute myelogenous leukemia. European Journal of Haematology, 2016, 97, 17-24.	2.2	21
99	Clonal hematopoiesis and its emerging effects on cellular therapies. Leukemia, 2021, 35, 2752-2758.	7.2	21
100	Prevalence and variation of CHIP in patients with aggressive lymphomas undergoing CD19-directed CAR T-cell treatment. Blood Advances, 2022, 6, 1941-1946.	5.2	21
101	Treatment of relapsing leukemia after allogeneic blood stem cell transplantation by using dose-reduced conditioning followed by donor blood stem cells and GM-CSF. Annals of Hematology, 2001, 80, 144-149.	1.8	20
102	Long-term in vivo imaging reveals tumor-specific dissemination and captures host tumor interaction in zebrafish xenografts. Scientific Reports, 2020, 10, 13254.	3.3	20
103	Differential effects of mixed lymphocyte reaction supernatant on human mesenchymal stromal cells. Experimental Hematology, 2012, 40, 934-944.	0.4	19
104	Accumulation of tolerogenic human 6-sulfo LacNAc dendritic cells in renal cell carcinoma is associated with poor prognosis. OncoImmunology, 2015, 4, e1008342.	4.6	19
105	Human Bone Marrow Stromal Cells: A Reliable, Challenging Tool forIn VitroOsteogenesis and Bone Tissue Engineering Approaches. Stem Cells International, 2016, 2016, 1-14.	2.5	19
106	Incidence of HLA Loss in a Global Multicentric Cohort of Post-Transplantation Relapses: Results from the Hlaloss Collaborative Study. Blood, 2018, 132, 818-818.	1.4	19
107	Silk Hydrogel Substrate Stress Relaxation Primes Mesenchymal Stem Cell Behavior in 2D. ACS Applied Materials & Interfaces, 2021, 13, 30420-30433.	8.0	18
108	Cancellous bone allograft seeded with human mesenchymal stromal cells: a potential good manufacturing practice-grade tool for the regeneration of bone defects. Cytotherapy, 2010, 12, 658-668.	0.7	17

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109	T cells engrafted with a UniCAR 28/z outperform UniCAR BB/z-transduced T cells in the face of regulatory T cell-mediated immunosuppression. OncoImmunology, 2019, 8, e1621676.	4.6	17
110	Genome-wide association study identifies susceptibility loci for acute myeloid leukemia. Nature Communications, 2021, 12, 6233.	12.8	17
111	Differential impact of IDH1/2 mutational subclasses on outcome in adult AML: results from a large multicenter study. Blood Advances, 2022, 6, 1394-1405.	5.2	17
112	Molecular profiling and clinical implications of patients with acute myeloid leukemia and extramedullary manifestations. Journal of Hematology and Oncology, 2022, 15, 60.	17.0	17
113	Functional reconstruction of human AML reveals stem cell origin and vulnerability of treatment-resistant MLL-rearranged leukemia. Science Translational Medicine, 2021, 13, .	12.4	15
114	Luspatercept restores SDF-1-mediated hematopoietic support by MDS-derived mesenchymal stromal cells. Leukemia, 2021, 35, 2936-2947.	7.2	15
115	Individual HLA-A, -B, -C, and -DRB1 Genotypes Are No Major Factors Which Determine COVID-19 Severity. Frontiers in Immunology, 2021, 12, 698193.	4.8	15
116	Targeting Acute Myeloid Leukemia Using the RevCAR Platform: A Programmable, Switchable and Combinatorial Strategy. Cancers, 2021, 13, 4785.	3.7	15
117	Regulation of sclerostin in glucocorticoid-induced osteoporosis (GIO) in mice and humans. Endocrine Connections, 2019, 8, 923-934.	1.9	15
118	Longitudinal Outcome over Two Decades of Unrelated Allogeneic Stem Cell Transplantation for Relapsed/Refractory Acute Myeloid Leukemia: An ALWP/EBMT Analysis. Clinical Cancer Research, 2022, 28, 4258-4266.	7.0	15
119	Phenotypic, Morphological and Adhesive Differences of Human Hematopoietic Progenitor Cells Cultured on Murine versus Human Mesenchymal Stromal Cells. Scientific Reports, 2015, 5, 15680.	3.3	14
120	In Vivo Chemical Screen in Zebrafish Embryos Identifies Regulators of Hematopoiesis Using a Semiautomated Imaging Assay. Journal of Biomolecular Screening, 2016, 21, 956-964.	2.6	14
121	Targeting Leukemia Stem Cells in the Bone Marrow Niche. Biomedicines, 2018, 6, 22.	3.2	14
122	Characteristics and outcome of patients with low-/intermediate-risk acute promyelocytic leukemia treated with arsenic trioxide - an international collaborative study. Haematologica, 2021, 106, 3100-3106.	3.5	14
123	Association of the EGF-TM7 receptor CD97 expression with FLT3-ITD in acute myeloid leukemia. Oncotarget, 2015, 6, 38804-38815.	1.8	14
124	Deep learning identifies Acute Promyelocytic Leukemia in bone marrow smears. BMC Cancer, 2022, 22, 201.	2.6	14
125	Biological activity of extracellular matrix-associated BMP-2. Journal of Tissue Engineering and Regenerative Medicine, 2009, 4, 324-327.	2.7	13
126	Overexpression of Jagged-1 and Its Intracellular Domain in Human Mesenchymal Stromal Cells Differentially Affect the Interaction with Hematopoietic Stem and Progenitor Cells. Stem Cells and Development, 2013, 22, 2736-2750.	2.1	13

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127	Functional Interference in the Bone Marrow Microenvironment by Disseminated Breast Cancer Cells. Stem Cells, 2016, 34, 2224-2235.	3.2	13
128	Midostaurin abrogates <scp>CD</scp>33â€directed Uni<scp>CAR</scp> and <scp>CD</scp>33â€<scp>CD</scp>3 bispecific antibody therapy in acute myeloid leukaemia. British Journal of Haematology, 2019, 186, 735-740.	2.5	13
129	Preclinical evaluation of platinum-loaded hydroxyapatite nanoparticles in an embryonic zebrafish xenograft model. Nanoscale, 2020, 12, 13582-13594.	5.6	13
130	Reduced-Intensity Conditioning Combined with 188Rhenium Radioimmunotherapy before Allogeneic Hematopoietic Stem Cell Transplantation in Elderly Patients with Acute Myeloid Leukemia: The Role of InÂVivo T Cell Depletion. Biology of Blood and Marrow Transplantation, 2015, 21, 1754-1760.	2.0	12
131	Multidrug-related protein 1 (MRP1) polymorphisms rs129081, rs212090, and rs212091 predict survival in normal karyotype acute myeloid leukemia. Annals of Hematology, 2020, 99, 2173-2180.	1.8	12
132	Pre-transplant weight loss predicts inferior outcome after allogeneic stem cell transplantation in patients with myelodysplastic syndrome. Oncotarget, 2015, 6, 35095-35106.	1.8	12
133	Effects of a home-based exercise program on physical capacity and fatigue in patients with low to intermediate risk myelodysplastic syndromeâ€"a pilot study. Leukemia Research, 2016, 47, 128-135.	0.8	11
134	Deep sequencing in CD34+ cells from peripheral blood enablesÂsensitive detection of measurable residual disease in AML. Blood Advances, 2022, 6, 3294-3303.	5.2	11
135	Zebrafish In-Vivo Screening for Compounds Amplifying Hematopoietic Stem and Progenitor Cells: - Preclinical Validation in Human CD34+ Stem and Progenitor Cells. Scientific Reports, 2017, 7, 12084.	3.3	10
136	Pilot Study on Mass Spectrometryâ€"Based Analysis of the Proteome of CD34+CD123+ Progenitor Cells for the Identification of Potential Targets for Immunotherapy in Acute Myeloid Leukemia. Proteomes, 2018, 6, 11.	3.5	10
137	Clostridium Difficile infections in patients with AML or MDS undergoing allogeneic hematopoietic stem cell transplantation identify high risk for adverse outcome. Bone Marrow Transplantation, 2020, 55, 367-375.	2.4	10
138	Total body irradiation + fludarabine compared to busulfan + fludarabine as â€œreduced-toxicity conditioningâ€•for patients with acute myeloid leukemia treated with allogeneic hematopoietic cell transplantation in first complete remission: a study by the Acute Leukemia Working Party of the EBMT. Bone Marrow Transplantation, 2021, 56, 481-491.	2.4	10
139	Displaying Lipid Chains in a Peptideâ€"Polysaccharide-Based Self-Assembled Hydrogel Network. Chemistry of Materials, 2021, 33, 2756-2768.	6.7	10
140	Clonal Hematopoiesis in AML Patients in Hematological CR Is Present in Many Patients with Intermediate Risk AML and Is Associated with a High Prevalence of DNMT3A gene Mutations. Blood, 2014, 124, 121-121.	1.4	9
141	TCR/CD3 activation and co-stimulation combined in one T cell retargeting system improve anti-tumor immunity. OncoImmunology, 2013, 2, e26770.	4.6	8
142	Generation of high-avidity, WT1-reactive CD8+ cytotoxic T cell clones with anti-leukemic activity by streptamer technology. Leukemia and Lymphoma, 2017, 58, 1246-1249.	1.3	8
143	Radioimmunotherapy in Combination with Reduced-Intensity Conditioning for Allogeneic Hematopoietic Cell Transplantation in Patients with Advanced Multiple Myeloma. Biology of Blood and Marrow Transplantation, 2020, 26, 691-697.	2.0	8
144	The diagnostic red blood cell distribution width as a prognostic factor in acute myeloid leukemia. Blood Advances, 2021, 5, 5584-5587.	5.2	8

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145	Reproducible measurable residual disease detection by multiparametric flow cytometry in acute myeloid leukemia. Leukemia, 2022, 36, 2208-2217.	7.2	8
146	Reduced intensity conditioning regimens including alkylating chemotherapy do not alter survival outcomes after allogeneic hematopoietic cell transplantation in chronic lymphocytic leukemia compared to low-intensity non-myeloablative conditioning. Journal of Cancer Research and Clinical Oncology, 2019, 145, 2823-2834.	2.5	7
147	Tonic Signaling and Its Effects on Lymphopoiesis of CAR-Armed Hematopoietic Stem and Progenitor Cells. Journal of Immunology, 2019, 202, 1735-1746.	0.8	7
148	A Novel Synthetic, Xenoâ€Free Biomimetic Surface for Serumâ€Free Expansion of Human Mesenchymal Stromal Cells. Advanced Biology, 2020, 4, 2000008.	3.0	7
149	Lysyl oxidase expression is associated with inferior outcome and Extramedullary disease of acute myeloid leukemia. Biomarker Research, 2020, 8, 20.	6.8	7
150	Cluster Randomized Trial: Sun Protection Intervention â€˜Clever in Sun and Shade for Preschoolsâ€™â€”Effectiveness and Dissemination. Children, 2021, 8, 651.	1.5	7
151	Quality of life of GIST patients with and without current tyrosine kinase inhibitor treatment: Crossâ€sectional results of a German multicentre observational study (PROSa). European Journal of Cancer Care, 2021, 30, e13484.	1.5	7
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153	Antiâ€<scp>CD</scp>20 immunotherapy as a bridge to tolerance, after allogeneic stem cell transplantation for patients with chronic lymphocytic leukaemia: results of the <scp>CLLX</scp>4 trial. British Journal of Haematology, 2019, 184, 833-836.	2.5	6
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