

Andre Larochelle

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.

54
papers

2,533
citations

22
h-index

50
g-index

57
ext. papers

2,833
ext. citations

7.8
avg. IF

4.4
L-index

#	Paper	IF	Citations
54	Eltrombopag Improves Erythroid Differentiation in a Human Induced Pluripotent Stem Cell Model of Diamond Blackfan Anemia. <i>Cells</i> , 2021 , 10,	7.9	2
53	Genome editing in human hematopoietic stem and progenitor cells via CRISPR-Cas9-mediated homology-independent targeted integration. <i>Molecular Therapy</i> , 2021 , 29, 1611-1624	11.7	5
52	Advances and Obstacles in Homology-Mediated Gene Editing of Hematopoietic Stem Cells. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	4
51	NOTCH-mediated ex vivo expansion of human hematopoietic stem and progenitor cells by culture under hypoxia. <i>Stem Cell Reports</i> , 2021 , 16, 2336-2350	8	3
50	IFN- directly inhibits the activity of erythropoietin in human erythroid progenitors. <i>Blood Cells, Molecules, and Diseases</i> , 2020 , 85, 102488	2.1	
49	Commensal microbiota drive the functional diversification of colon macrophages. <i>Mucosal Immunology</i> , 2020 , 13, 216-229	9.2	33
48	Genome-Wide Analysis of Off-Target CRISPR/Cas9 Activity in Single-Cell-Derived Human Hematopoietic Stem and Progenitor Cell Clones. <i>Genes</i> , 2020 , 11,	4.2	1
47	Highly multiplexed proteomic assessment of human bone marrow in acute myeloid leukemia. <i>Blood Advances</i> , 2020 , 4, 367-379	7.8	15
46	Eltrombopag promotes DNA repair in human hematopoietic stem and progenitor cells. <i>Experimental Hematology</i> , 2019 , 73, 1-6.e6	3.1	10
45	Treatment optimization and genomic outcomes in refractory severe aplastic anemia treated with eltrombopag. <i>Blood</i> , 2019 , 133, 2575-2585	2.2	48
44	Eltrombopag combined with cyclosporine may have an effect on very severe aplastic anemia. <i>Annals of Hematology</i> , 2019 , 98, 2009-2011	3	5
43	Eltrombopag maintains human hematopoietic stem and progenitor cells under inflammatory conditions mediated by IFN- Blood, 2019 , 133, 2043-2055	2.2	47
42	Robust generation of erythroid and multilineage hematopoietic progenitors from human iPSCs using a scalable monolayer culture system. <i>Stem Cell Research</i> , 2019 , 41, 101600	1.6	15
41	Robust Selections of Various Hematopoietic Cell Fractions on the CliniMACS Plus Instrument. <i>Clinical Hematology International</i> , 2019 , 1, 161-167	1.8	2
40	Eltrombopag Added to Standard Immunosuppression for Aplastic Anemia. <i>New England Journal of Medicine</i> , 2017 , 376, 1540-1550	59.2	249
39	Production and purification of high-titer foamy virus vector for the treatment of leukocyte adhesion deficiency. <i>Molecular Therapy - Methods and Clinical Development</i> , 2016 , 3, 16004	6.4	9
38	Preliminary evaluation of a highly automated instrument for the selection of CD34+ cells from mobilized peripheral blood stem cell concentrates. <i>Transfusion</i> , 2016 , 56, 511-7	2.9	19

37	Human hematopoietic stem cells from mobilized peripheral blood can be purified based on CD49f integrin expression. <i>Blood</i> , 2015 , 126, 1631-3	2.2	16
36	Functional Niche Competition Between Normal Hematopoietic Stem and Progenitor Cells and Myeloid Leukemia Cells. <i>Stem Cells</i> , 2015 , 33, 3635-42	5.8	35
35	Long term maintenance of myeloid leukemic stem cells cultured with unrelated human mesenchymal stromal cells. <i>Stem Cell Research</i> , 2015 , 14, 95-104	1.6	41
34	No impact of lentiviral transduction on hematopoietic stem/progenitor cell telomere length or gene expression in the rhesus macaque model. <i>Molecular Therapy</i> , 2014 , 22, 52-8	11.7	3
33	Development of an inducible caspase-9 safety switch for pluripotent stem cell-based therapies. <i>Molecular Therapy - Methods and Clinical Development</i> , 2014 , 1, 14053	6.4	47
32	Hematopoietic stem cell gene therapy: assessing the relevance of preclinical models. <i>Seminars in Hematology</i> , 2013 , 50, 101-30	4	16
31	Generation of red blood cells in vitro: monitoring the process for improved efficiency. <i>Cytotherapy</i> , 2013 , 15, 1043-5	4.8	6
30	Bone marrow homing and engraftment of human hematopoietic stem and progenitor cells is mediated by a polarized membrane domain. <i>Blood</i> , 2012 , 119, 1848-55	2.2	42
29	Cord blood culture in hypoxia: making the cells feel at home. <i>Cytotherapy</i> , 2012 , 14, 900-1	4.8	
28	Transient silencing of PTEN in human CD34(+) cells enhances their proliferative potential and ability to engraft immunodeficient mice. <i>Experimental Hematology</i> , 2012 , 40, 84-91	3.1	12
27	Mobilization for Gene Therapy 2012 , 457-485		
26	CD9 up-regulation on CD34+ cells with ingenol 3,20-dibenzoate does not improve homing in NSG mice. <i>Blood</i> , 2011 , 117, 5774-6	2.2	3
25	Human and rhesus macaque hematopoietic stem cells cannot be purified based only on SLAM family markers. <i>Blood</i> , 2011 , 117, 1550-4	2.2	41
24	Rapid mobilization of hematopoietic progenitors by AMD3100 and catecholamines is mediated by CXCR4-dependent SDF-1 release from bone marrow stromal cells. <i>Leukemia</i> , 2011 , 25, 1286-1296	10.7	158
23	Molecular characterisation of side population cells with cancer stem cell-like characteristics in small-cell lung cancer. <i>British Journal of Cancer</i> , 2010 , 102, 1636-44	8.7	127
22	Repetitive busulfan administration after hematopoietic stem cell gene therapy associated with a dominant HDAC7 clone in a nonhuman primate. <i>Human Gene Therapy</i> , 2010 , 21, 695-703	4.8	4
21	Ex vivo expansion of retrovirally transduced primate CD34+ cells results in overrepresentation of clones with MDS1/EVI1 insertion sites in the myeloid lineage after transplantation. <i>Molecular Therapy</i> , 2010 , 18, 1633-9	11.7	19
20	Intercellular transfer to signalling endosomes regulates an ex vivo bone marrow niche. <i>Nature Cell Biology</i> , 2009 , 11, 303-11	23.4	81

19	Sustained high-level polyclonal hematopoietic marking and transgene expression 4 years after autologous transplantation of rhesus macaques with SIV lentiviral vector-transduced CD34+ cells. <i>Blood</i> , 2009 , 113, 5434-43	2.2	43
18	In vivo selection of hematopoietic progenitor cells and temozolomide dose intensification in rhesus macaques through lentiviral transduction with a drug resistance gene. <i>Journal of Clinical Investigation</i> , 2009 , 119, 1952-63	15.9	45
17	Human and Rhesus Macaque Hematopoietic Stem Cells Are Not Enriched in the CD150+CD48-SLAM Population.. <i>Blood</i> , 2009 , 114, 3531-3531	2.2	
16	HOXB4 and retroviral vectors: adding fuel to the fire. <i>Journal of Clinical Investigation</i> , 2008 , 118, 1350-3	15.9	4
15	Repetitive Busulfan Administration Induces Emergence of Dominant and Expanding Hematopoietic Clones with Retroviral Vector Insertion in Rhesus Macaques. <i>Blood</i> , 2008 , 112, 3524-3524	2.2	
14	Culture of Mobilized Human CD34+ Cells in Hypoxic Conditions Improves Lentiviral Transduction Efficiency in SCID-Repopulating Cells. <i>Blood</i> , 2008 , 112, 3545-3545	2.2	
13	siRNA-Induced Transient Silencing of PTEN Expression Enhances Human Hematopoietic Cell Engraftment in NOD/SCID/βnull Mice and Increases Gene Transduction Efficiency.. <i>Blood</i> , 2008 , 112, 2329-2329	2.2	
12	Transduction of rhesus macaque hematopoietic stem and progenitor cells with avian sarcoma and leukemia virus vectors. <i>Human Gene Therapy</i> , 2007 , 18, 691-700	4.8	15
11	Hematopoietic stem-cell behavior in nonhuman primates. <i>Blood</i> , 2007 , 110, 1806-13	2.2	65
10	AMD3100 mobilizes hematopoietic stem cells with long-term repopulating capacity in nonhuman primates. <i>Blood</i> , 2006 , 107, 3772-8	2.2	169
9	Mobilization as a preparative regimen for hematopoietic stem cell transplantation. <i>Blood</i> , 2006 , 107, 3764-71	2.2	61
8	Hematopoietic stem cell gene therapy: dead or alive?. <i>Trends in Biotechnology</i> , 2005 , 23, 589-97	15.1	22
7	Comparison of retroviral transduction efficiency in CD34+ cells derived from bone marrow versus G-CSF-mobilized or G-CSF plus stem cell factor-mobilized peripheral blood in nonhuman primates. <i>Stem Cells</i> , 2004 , 22, 1062-9	5.8	17
6	Genetic manipulation of hematopoietic stem cells. <i>Seminars in Hematology</i> , 2004 , 41, 257-71	4	25
5	Differential Maintenance of Primitive Human SCID-Repopulating Cells, Clonogenic Progenitors, and Long-Term Culture-Initiating Cells After Incubation on Human Bone Marrow Stromal Cells. <i>Blood</i> , 1997 , 90, 641-650	2.2	140
4	Differential Maintenance of Primitive Human SCID-Repopulating Cells, Clonogenic Progenitors, and Long-Term Culture-Initiating Cells After Incubation on Human Bone Marrow Stromal Cells. <i>Blood</i> , 1997 , 90, 641-650	2.2	5
3	Identification of primitive human hematopoietic cells capable of repopulating NOD/SCID mouse bone marrow: implications for gene therapy. <i>Nature Medicine</i> , 1996 , 2, 1329-37	50.5	709
2	Engraftment of immune-deficient mice with primitive hematopoietic cells from beta-thalassemia and sickle cell anemia patients: implications for evaluating human gene therapy protocols. <i>Human Molecular Genetics</i> , 1995 , 4, 163-72	5.6	79

1 Human Hematopoiesis in SCID Mice. *Medical Intelligence Unit*, **1995**, 197-212

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