

Clara Bueno

List of Publications by Citations

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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.

44
papers

1,165
citations

20
h-index

33
g-index

53
ext. papers

1,488
ext. citations

6.9
avg, IF

3.9
L-index

#	Paper	IF	Citations
44	H3K4me1 marks DNA regions hypomethylated during aging in human stem and differentiated cells. <i>Genome Research</i> , 2015 , 25, 27-40	9.7	89
43	NF- κ B activation impairs somatic cell reprogramming in ageing. <i>Nature Cell Biology</i> , 2015 , 17, 1004-13	23.4	80
42	Revisiting the biology of infant t(4;11)/MLL-AF4+ B-cell acute lymphoblastic leukemia. <i>Blood</i> , 2015 , 126, 2676-85	2.2	73
41	Enforced expression of MLL-AF4 fusion in cord blood CD34+ cells enhances the hematopoietic repopulating cell function and clonogenic potential but is not sufficient to initiate leukemia. <i>Blood</i> , 2011 , 117, 4746-58	2.2	72
40	HOXA9 promotes hematopoietic commitment of human embryonic stem cells. <i>Blood</i> , 2014 , 124, 3065-75.2	7.2	69
39	Cord blood-derived CD34+ hematopoietic cells with low mitochondrial mass are enriched in hematopoietic repopulating stem cell function. <i>Haematologica</i> , 2013 , 98, 1022-9	6.6	60
38	Detailed Characterization of Mesenchymal Stem/Stromal Cells from a Large Cohort of AML Patients Demonstrates a Definitive Link to Treatment Outcomes. <i>Stem Cell Reports</i> , 2017 , 8, 1573-1586	8	54
37	Autogenous Control of 5'TOP mRNA Stability by 40S Ribosomes. <i>Molecular Cell</i> , 2017 , 67, 55-70.e4	17.6	49
36	Development of a Novel Anti-CD19 Chimeric Antigen Receptor: A Paradigm for an Affordable CAR T Cell Production at Academic Institutions. <i>Molecular Therapy - Methods and Clinical Development</i> , 2019 , 12, 134-144	6.4	48
35	Fatricide-resistant CD1a-specific CAR T cells for the treatment of cortical T-cell acute lymphoblastic leukemia. <i>Blood</i> , 2019 , 133, 2291-2304	2.2	47
34	Unraveling the cellular origin and clinical prognostic markers of infant B-cell acute lymphoblastic leukemia using genome-wide analysis. <i>Haematologica</i> , 2019 , 104, 1176-1188	6.6	44
33	The ROCK inhibitor Y-27632 negatively affects the expansion/survival of both fresh and cryopreserved cord blood-derived CD34+ hematopoietic progenitor cells: Y-27632 negatively affects the expansion/survival of CD34+HSPCs. <i>Stem Cell Reviews and Reports</i> , 2010 , 6, 215-23	6.4	40
32	Efficient Recreation of t(11;22) EWSR1-FLI1 in Human Stem Cells Using CRISPR/Cas9. <i>Stem Cell Reports</i> , 2017 , 8, 1408-1420	8	35
31	Human embryonic stem cell-derived mesenchymal stromal cells ameliorate collagen-induced arthritis by inducing host-derived indoleamine 2,3 dioxygenase. <i>Arthritis Research and Therapy</i> , 2016 , 18, 77	5.7	33
30	Activated KRAS Cooperates with MLL-AF4 to Promote Extramedullary Engraftment and Migration of Cord Blood CD34+ HSPC But Is Insufficient to Initiate Leukemia. <i>Cancer Research</i> , 2016 , 76, 2478-89	10.1	33
29	Bone marrow mesenchymal stem cells from patients with aplastic anemia maintain functional and immune properties and do not contribute to the pathogenesis of the disease. <i>Haematologica</i> , 2014 , 99, 1168-75	6.6	32
28	Development Refractoriness of MLL-Rearranged Human B Cell Acute Leukemias to Reprogramming into Pluripotency. <i>Stem Cell Reports</i> , 2016 , 7, 602-618	8	29

27	Discovery of a CD10-negative B-progenitor in human fetal life identifies unique ontogeny-related developmental programs. <i>Blood</i> , 2019 , 134, 1059-1071	2.2	28
26	NG2 antigen is a therapeutic target for MLL-rearranged B-cell acute lymphoblastic leukemia. <i>Leukemia</i> , 2019 , 33, 1557-1569	10.7	22
25	Genetic Rescue of Mitochondrial and Skeletal Muscle Impairment in an Induced Pluripotent Stem Cells Model of Coenzyme Q Deficiency. <i>Stem Cells</i> , 2017 , 35, 1687-1703	5.8	21
24	CD133-directed CAR T-cells for MLL leukemia: on-target, off-tumor myeloablative toxicity. <i>Leukemia</i> , 2019 , 33, 2090-2125	10.7	16
23	Pharmacological modulation of CXCR4 cooperates with BET bromodomain inhibition in diffuse large B-cell lymphoma. <i>Haematologica</i> , 2019 , 104, 778-788	6.6	15
22	Chromatin regulation by Histone H4 acetylation at Lysine 16 during cell death and differentiation in the myeloid compartment. <i>Nucleic Acids Research</i> , 2019 , 47, 5016-5037	20.1	14
21	Pro-inflammatory cytokines favor the emergence of ETV6-RUNX1-positive pre-leukemic cells in a model of mesenchymal niche. <i>British Journal of Haematology</i> , 2020 , 190, 262-273	4.5	14
20	Cellular Ontogeny and Hierarchy Influence the Reprogramming Efficiency of Human B Cells into Induced Pluripotent Stem Cells. <i>Stem Cells</i> , 2016 , 34, 581-7	5.8	13
19	Enhanced hemato-endothelial specification during human embryonic differentiation through developmental cooperation between and fusions. <i>Haematologica</i> , 2019 , 104, 1189-1201	6.6	12
18	GATA2 Promotes Hematopoietic Development and Represses Cardiac Differentiation of Human Mesoderm. <i>Stem Cell Reports</i> , 2019 , 13, 515-529	8	12
17	Generation and characterization of a human iPSC cell line expressing inducible Cas9 in the "safe harbor" AAVS1 locus. <i>Stem Cell Research</i> , 2017 , 21, 137-140	1.6	11
16	RUNX1c Regulates Hematopoietic Differentiation of Human Pluripotent Stem Cells Possibly in Cooperation with Proinflammatory Signaling. <i>Stem Cells</i> , 2017 , 35, 2253-2266	5.8	11
15	The AF4-MLL fusion transiently augments multilineage hematopoietic engraftment but is not sufficient to initiate leukemia in cord blood CD34 cells. <i>Oncotarget</i> , 2017 , 8, 81936-81941	3.3	11
14	Intra-Bone Marrow Transplantation Confers Superior Multilineage Engraftment of Murine Aorta-Gonad Mesonephros Cells Over Intravenous Transplantation. <i>Stem Cells and Development</i> , 2016 , 25, 259-65	4.4	9
13	Bone marrow mesenchymal stem/stromal cells from risk-stratified acute myeloid leukemia patients are anti-inflammatory in preclinical models of hematopoietic reconstitution and severe colitis. <i>Haematologica</i> , 2019 , 104, e54-e58	6.6	9
12	Proinflammatory signals are insufficient to drive definitive hematopoietic specification of human HSCs in vitro. <i>Experimental Hematology</i> , 2017 , 45, 85-93.e2	3.1	8
11	Impaired condensin complex and Aurora B kinase underlie mitotic and chromosomal defects in hyperdiploid B-cell ALL. <i>Blood</i> , 2020 , 136, 313-327	2.2	7
10	Epigenome-wide analysis reveals specific DNA hypermethylation of T cells during human hematopoietic differentiation. <i>Epigenomics</i> , 2018 , 10, 903-923	4.4	7

9	IMiDs mobilize acute myeloid leukemia blasts to peripheral blood through downregulation of CXCR4 but fail to potentiate AraC/Idarubicin activity in preclinical models of non del5q/5q- AML. <i>Oncotimmunology</i> , 2018 , 7, e1477460	7.2	6
8	A novel and efficient tandem CD19- and CD22-directed CAR for B cell ALL. <i>Molecular Therapy</i> , 2021 ,	11.7	6
7	Detection of inflammatory monocytes but not mesenchymal stem/stromal cells in peripheral blood of patients with myelofibrosis. <i>British Journal of Haematology</i> , 2018 , 181, 133-137	4.5	5
6	Robustness of Catalytically Dead Cas9 Activators in Human Pluripotent and Mesenchymal Stem Cells. <i>Molecular Therapy - Nucleic Acids</i> , 2020 , 20, 196-204	10.7	4
5	Shared D-J rearrangements reveal cell of origin of TCF3-ZNF384 and PTPN11 mutations in monozygotic twins with concordant BCP-ALL. <i>Blood</i> , 2020 , 136, 1108-1111	2.2	3
4	HDAC7 is a major contributor in the pathogenesis of infant t(4;11) proB acute lymphoblastic leukemia. <i>Leukemia</i> , 2021 , 35, 2086-2091	10.7	2
3	Bone Marrow Clonogenic Myeloid Progenitors from -Mutated AML Patients Do Not Harbor the Mutation: Implication for the Cell-Of-Origin of AML. <i>Genes</i> , 2020 , 11,	4.2	1
2	Integrative methylome-transcriptome analysis unravels cancer cell vulnerabilities in infant MLL-rearranged B cell acute lymphoblastic leukemia. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	1
1	Engraftment characterization of risk-stratified AML in NSGS mice. <i>Blood Advances</i> , 2021 , 5, 4842-4854	7.8	0