Fernando dos Anjos Afonso

List of Publications by Year
in descending order

34	2,951	361413	395702
papers	citations	20 h-index	33 g-index

34	34	34	5308
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Single cell analyses identify a highly regenerative and homogenous human CD34+â€‰hematopoietic stem cell population. Nature Communications, 2022, 13, 2048.	12.8	16
2	Despite mutation acquisition in hematopoietic stem cells, JMML-propagating cells are not always restricted to this compartment. Leukemia, 2020, 34, 1658-1668.	7.2	14
3	Advances in Human Immune System Mouse Models for Studying Human Hematopoiesis and Cancer Immunotherapy. Frontiers in Immunology, 2020, 11, 619236.	4.8	23
4	Gata2 as a Crucial Regulator of Stem Cells in Adult Hematopoiesis and Acute Myeloid Leukemia. Stem Cell Reports, 2019, 13, 291-306.	4.8	56
5	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. OncoImmunology, 2018, 7, e1477460.	4.6	11
6	New delineation of human CD34+ stem/progenitor cell hierarchical organization. Experimental Hematology, 2017, 53, S42.	0.4	1
7	Dendritic Cell Lineage Potential in Human Early Hematopoietic Progenitors. Cell Reports, 2017, 20, 529-537.	6.4	61
8	Notch Signaling in the Regulation of Hematopoietic Stem Cell. Current Stem Cell Reports, 2017, 3, 202-209.	1.6	65
9	Perturbed hematopoiesis in mice lacking ATMIN. Blood, 2016, 128, 2017-2021.	1.4	4
10	Frequency and Dynamics of Leukemia-Initiating Cells during Short-term Ex Vivo Culture Informs Outcomes in Acute Myeloid Leukemia Patients. Cancer Research, 2016, 76, 2082-2086.	0.9	24
11	MRTF-SRF signaling is required for seeding of HSC/Ps in bone marrow during development. Blood, 2015, 125, 1244-1255.	1.4	26
12	Arginine deprivation using pegylated arginine deiminase has activity against primary acute myeloid leukemia cells in vivo. Blood, 2015, 125, 4060-4068.	1.4	105
13	Different Motile Behaviors of Human Hematopoietic Stem versus Progenitor Cells at the Osteoblastic Niche. Stem Cell Reports, 2015, 5, 690-701.	4.8	21
14	APOBEC3A Is Implicated in a Novel Class of G-to-A mRNA Editing in WT1 Transcripts. PLoS ONE, 2015, 10, e0120089.	2.5	40
15	Forgotten gems. Cell Cycle, 2014, 13, 503-504.	2.6	4
16	Chimeric antigen receptors against CD33/CD123 antigens efficiently target primary acute myeloid leukemia cells in vivo. Leukemia, 2014, 28, 1596-1605.	7.2	245
17	A Niche-Like Culture System Allowing the Maintenance of Primary Human Acute Myeloid Leukemia-Initiating Cells: A New Tool to Decipher Their Chemoresistance and Self-Renewal Mechanisms. Stem Cells Translational Medicine, 2014, 3, 520-529.	3.3	95
18	HIF-2Î± Protects Human Hematopoietic Stem/Progenitors and Acute Myeloid Leukemic Cells from Apoptosis Induced by Endoplasmic Reticulum Stress. Cell Stem Cell, 2013, 13, 549-563.	11.1	163

#	Article	IF	Citations
19	Active RHOA favors retention of human hematopoietic stem/progenitor cells in their niche. Journal of Biomedical Science, 2013, 20, 66.	7.0	9
20	Acute myeloid leukemia does not deplete normal hematopoietic stem cells but induces cytopenias by impeding their differentiation. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 13576-13581.	7.1	120
21	CD34â˜ Cells at the Apex of the Human Hematopoietic Stem Cell Hierarchy Have Distinctive Cellular and Molecular Signatures. Cell Stem Cell, 2013, 13, 161-174.	11.1	74
22	Frequency of leukemic initiating cells does not depend on the xenotransplantation model used. Leukemia, 2012, 26, 858-860.	7.2	37
23	Engraftment defect of cytokineâ€cultured adult human mobilized <scp>CD</scp>34⁺ cells is related to reduced adhesion to bone marrow niche elements. British Journal of Haematology, 2012, 158, 778-787.	2.5	27
24	Chimeric Antigen Receptor for Specific Targeting of Acute Myeloid Leukemia. Blood, 2012, 120, 4225-4225.	1.4	0
25	Prospective identification and isolation of murine bone marrow derived multipotent mesenchymal progenitor cells. Best Practice and Research in Clinical Haematology, 2011, 24, 13-24.	1.7	18
26	CD26 Inhibition Can Aid the Homing of Cytokine Activated Mobilized Peripheral Blood (MPB)CD34+ Cells to the Bone Marrow (BM) but a Ligand Dependent Attachment Defect Prevents Their Long Term Retention and Subsequent Engraftment. Blood, 2011, 118, 141-141.	1.4	1
27	Characterization of human DNGR-1+ BDCA3+ leukocytes as putative equivalents of mouse CD8Î±+ dendritic cells. Journal of Experimental Medicine, 2010, 207, 1261-1271.	8.5	613
28	Isolation, Culture, and Differentiation Potential of Mouse Marrow Stromal Cells. Current Protocols in Stem Cell Biology, 2008, 7, Unit 2B.3.	3.0	39
29	Anti-CD38 antibodyâ€“mediated clearance of human repopulating cells masks the heterogeneity of leukemia-initiating cells. Blood, 2008, 112, 568-575.	1.4	345
30	The Vitamin D Receptor Is a Wnt Effector that Controls Hair Follicle Differentiation and Specifies Tumor Type in Adult Epidermis. PLoS ONE, 2008, 3, e1483.	2.5	123
31	Flexible and dynamic organization of bone marrow stromal compartment. British Journal of Haematology, 2007, 139, 373-384.	2.5	11
32	Age-Dependent Increase in Side Population Distribution Within Hematopoiesis: Implications for Our Understanding of the Mechanism of Aging. Stem Cells, 2007, 25, 828-835.	3.2	77
33	Nonhematopoietic/endothelial SSEA-1+ cells define the most primitive progenitors in the adult murine bone marrow mesenchymal compartment. Blood, 2007, 109, 1298-1306.	1.4	209
34	In vivo contribution of murine mesenchymal stem cells into multiple cell-types under minimal damage conditions. Journal of Cell Science, 2004, 117, 5655-5664.	2.0	274