

# Fernando dos Anjos Afonso

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

2,951  
citations

361296

20  
h-index

395590

33  
g-index

34  
all docs

34  
docs citations

34  
times ranked

5308  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of human DNGR-1+ BDCA3+ leukocytes as putative equivalents of mouse CD8 <sup>+</sup> dendritic cells. <i>Journal of Experimental Medicine</i> , 2010, 207, 1261-1271.	4.2	613
2	Anti-CD38 antibody-mediated clearance of human repopulating cells masks the heterogeneity of leukemia-initiating cells. <i>Blood</i> , 2008, 112, 568-575.	0.6	345
3	In vivo contribution of murine mesenchymal stem cells into multiple cell-types under minimal damage conditions. <i>Journal of Cell Science</i> , 2004, 117, 5655-5664.	1.2	274
4	Chimeric antigen receptors against CD33/CD123 antigens efficiently target primary acute myeloid leukemia cells in vivo. <i>Leukemia</i> , 2014, 28, 1596-1605.	3.3	245
5	Nonhematopoietic/endothelial SSEA-1+ cells define the most primitive progenitors in the adult murine bone marrow mesenchymal compartment. <i>Blood</i> , 2007, 109, 1298-1306.	0.6	209
6	HIF-2 <sup>+</sup> Protects Human Hematopoietic Stem/Progenitors and Acute Myeloid Leukemic Cells from Apoptosis Induced by Endoplasmic Reticulum Stress. <i>Cell Stem Cell</i> , 2013, 13, 549-563.	5.2	163
7	The Vitamin D Receptor Is a Wnt Effector that Controls Hair Follicle Differentiation and Specifies Tumor Type in Adult Epidermis. <i>PLoS ONE</i> , 2008, 3, e1483.	1.1	123
8	Acute myeloid leukemia does not deplete normal hematopoietic stem cells but induces cytopenias by impeding their differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13576-13581.	3.3	120
9	Arginine deprivation using pegylated arginine deiminase has activity against primary acute myeloid leukemia cells in vivo. <i>Blood</i> , 2015, 125, 4060-4068.	0.6	105
10	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. <i>Stem Cells Translational Medicine</i> , 2014, 3, 520-529.	1.6	95
11	Age-Dependent Increase in Side Population Distribution Within Hematopoiesis: Implications for Our Understanding of the Mechanism of Aging. <i>Stem Cells</i> , 2007, 25, 828-835.	1.4	77
12	CD34 <sup>+</sup> Cells at the Apex of the Human Hematopoietic Stem Cell Hierarchy Have Distinctive Cellular and Molecular Signatures. <i>Cell Stem Cell</i> , 2013, 13, 161-174.	5.2	74
13	Notch Signaling in the Regulation of Hematopoietic Stem Cell. <i>Current Stem Cell Reports</i> , 2017, 3, 202-209.	0.7	65
14	Dendritic Cell Lineage Potential in Human Early Hematopoietic Progenitors. <i>Cell Reports</i> , 2017, 20, 529-537.	2.9	61
15	Gata2 as a Crucial Regulator of Stem Cells in Adult Hematopoiesis and Acute Myeloid Leukemia. <i>Stem Cell Reports</i> , 2019, 13, 291-306.	2.3	56
16	APOBEC3A Is Implicated in a Novel Class of G-to-A mRNA Editing in WT1 Transcripts. <i>PLoS ONE</i> , 2015, 10, e0120089.	1.1	40
17	Isolation, Culture, and Differentiation Potential of Mouse Marrow Stromal Cells. <i>Current Protocols in Stem Cell Biology</i> , 2008, 7, Unit 2B.3.	3.0	39
18	Frequency of leukemic initiating cells does not depend on the xenotransplantation model used. <i>Leukemia</i> , 2012, 26, 858-860.	3.3	37

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19	Engraftment defect of cytokine-activated cultured adult human mobilized CD <sup>34</sup> <sup>+</sup> cells is related to reduced adhesion to bone marrow niche elements. <i>British Journal of Haematology</i> , 2012, 158, 778-787.	1.2	27
20	MRTF-SRF signaling is required for seeding of HSC/Ps in bone marrow during development. <i>Blood</i> , 2015, 125, 1244-1255.	0.6	26
21	Frequency and Dynamics of Leukemia-Initiating Cells during Short-term <i>Ex Vivo</i> Culture Informs Outcomes in Acute Myeloid Leukemia Patients. <i>Cancer Research</i> , 2016, 76, 2082-2086.	0.4	24
22	Advances in Human Immune System Mouse Models for Studying Human Hematopoiesis and Cancer Immunotherapy. <i>Frontiers in Immunology</i> , 2020, 11, 619236.	2.2	23
23	Different Motile Behaviors of Human Hematopoietic Stem versus Progenitor Cells at the Osteoblastic Niche. <i>Stem Cell Reports</i> , 2015, 5, 690-701.	2.3	21
24	Prospective identification and isolation of murine bone marrow derived multipotent mesenchymal progenitor cells. <i>Best Practice and Research in Clinical Haematology</i> , 2011, 24, 13-24.	0.7	18
25	Single cell analyses identify a highly regenerative and homogenous human CD34 <sup>+</sup> hematopoietic stem cell population. <i>Nature Communications</i> , 2022, 13, 2048.	5.8	16
26	Despite mutation acquisition in hematopoietic stem cells, JMML-propagating cells are not always restricted to this compartment. <i>Leukemia</i> , 2020, 34, 1658-1668.	3.3	14
27	Flexible and dynamic organization of bone marrow stromal compartment. <i>British Journal of Haematology</i> , 2007, 139, 373-384.	1.2	11
28	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>Oncotarget</i> , 2018, 7, e1477460.	2.1	11
29	Active RHOA favors retention of human hematopoietic stem/progenitor cells in their niche. <i>Journal of Biomedical Science</i> , 2013, 20, 66.	2.6	9
30	Forgotten gems. <i>Cell Cycle</i> , 2014, 13, 503-504.	1.3	4
31	Perturbed hematopoiesis in mice lacking ATMIN. <i>Blood</i> , 2016, 128, 2017-2021.	0.6	4
32	New delineation of human CD34 <sup>+</sup> stem/progenitor cell hierarchical organization. <i>Experimental Hematology</i> , 2017, 53, S42.	0.2	1
33	CD26 Inhibition Can Aid the Homing of Cytokine Activated Mobilized Peripheral Blood (MPB) CD34 <sup>+</sup> Cells to the Bone Marrow (BM) but a Ligand Dependent Attachment Defect Prevents Their Long Term Retention and Subsequent Engraftment. <i>Blood</i> , 2011, 118, 141-141.	0.6	1
34	Chimeric Antigen Receptor for Specific Targeting of Acute Myeloid Leukemia. <i>Blood</i> , 2012, 120, 4225-4225.	0.6	0