Sandra Pinho

List of Publications by Year
in descending order

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38 papers	7,133 citations	257450 24 h-index	414414 32 g-index
41 all docs	41 docs citations	41 times ranked	9691 citing authors

#	Article	IF	Citations
1	Arteriolar niches maintain haematopoietic stem cell quiescence. Nature, 2013, 502, 637-643.	27.8	1,002
2	The bone marrow microenvironment at single-cell resolution. Nature, 2019, 569, 222-228.	27.8	624
3	Haematopoietic stem cell activity andÂinteractions with the niche. Nature Reviews Molecular Cell Biology, 2019, 20, 303-320.	37.0	588
4	Senescence impairs successful reprogramming to pluripotent stem cells. Genes and Development, 2009, 23, 2134-2139.	5.9	553
5	Megakaryocytes regulate hematopoietic stem cell quiescence through CXCL4 secretion. Nature Medicine, 2014, 20, 1315-1320.	30.7	483
6	PDGFRÎ± and CD51 mark human Nestin+ sphere-forming mesenchymal stem cells capable of hematopoietic progenitor cell expansion. Journal of Experimental Medicine, 2013, 210, 1351-1367.	8.5	425
7	Mesenchymal Stem Cell: Keystone of the Hematopoietic Stem Cell Niche and a Stepping-Stone for Regenerative Medicine. Annual Review of Immunology, 2013, 31, 285-316.	21.8	381
8	CD169+ macrophages provide a niche promoting erythropoiesis under homeostasis and stress. Nature Medicine, 2013, 19, 429-436.	30.7	370
9	Osterix Marks Distinct Waves of Primitive and Definitive Stromal Progenitors during Bone Marrow Development. Developmental Cell, 2014, 29, 340-349.	7.0	365
10	Acute Myelogenous Leukemia-Induced Sympathetic Neuropathy Promotes Malignancy in an Altered Hematopoietic Stem Cell Niche. Cell Stem Cell, 2014, 15, 365-375.	11.1	308
11	Adrenergic nerve degeneration in bone marrow drives aging of the hematopoietic stem cell niche. Nature Medicine, 2018, 24, 782-791.	30.7	253
12	Self-renewal of a purified Tie2 ⁺ hematopoietic stem cell population relies on mitochondrial clearance. Science, 2016, 354, 1156-1160.	12.6	251
13	Endothelial Jagged-1 Is Necessary for Homeostatic and Regenerative Hematopoiesis. Cell Reports, 2013, 4, 1022-1034.	6.4	224
14	Role of the Human ST6GalNAc-I and ST6GalNAc-II in the Synthesis of the Cancer-Associated Sialyl-Tn Antigen. Cancer Research, 2004, 64, 7050-7057.	0.9	203
15	Fetal liver hematopoietic stem cell niches associate with portal vessels. Science, 2016, 351, 176-180.	12.6	193
16	CD150high Bone Marrow Tregs Maintain Hematopoietic Stem Cell Quiescence and Immune Privilege via Adenosine. Cell Stem Cell, 2018, 22, 445-453.e5.	11.1	188
17	Lineage-Biased Hematopoietic Stem Cells Are Regulated by Distinct Niches. Developmental Cell, 2018, 44, 634-641.e4.	7.0	154
18	Biological significance of cancer-associated sialyl-Tn antigen: Modulation of malignant phenotype in gastric carcinoma cells. Cancer Letters, 2007, 249, 157-170.	7.2	142

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19	Ring1B and Suv39h1 delineate distinct chromatin states at bivalent genes during early mouse lineage commitment. Development (Cambridge), 2010, 137, 2483-2492.	2.5	102
20	Engineering a haematopoietic stem cell niche by revitalizing mesenchymal stromal cells. Nature Cell Biology, 2019, 21, 560-567.	10.3	74
21	Maea expressed by macrophages, but not erythroblasts, maintains postnatal murine bone marrow erythroblastic islands. Blood, 2019, 133, 1222-1232.	1.4	44
22	The microbiota regulates hematopoietic stem cell fate decisions by controlling iron availability in bone marrow. Cell Stem Cell, 2022, 29, 232-247.e7.	11.1	41
23	Leukemic Stem Cells: From Leukemic Niche Biology to Treatment Opportunities. Frontiers in Immunology, 2021, 12, 775128.	4.8	36
24	Simultaneous quantification of tramadol and Oâ€desmethyltramadol in hair samples by gas chromatographyâ€“electron impact/mass spectrometry. Biomedical Chromatography, 2013, 27, 1003-1011.	1.7	31
25	MAEA is an E3 ubiquitin ligase promoting autophagy and maintenance of haematopoietic stem cells. Nature Communications, 2021, 12, 2522.	12.8	27
26	VCAM1 confers innate immune tolerance on haematopoietic and leukaemic stem cells. Nature Cell Biology, 2022, 24, 290-298.	10.3	19
27	ICI 182,780 induces P-cadherin overexpression in breast cancer cells through chromatin remodelling at the promoter level: a role for C/EBPÂ in CDH3 gene activation. Human Molecular Genetics, 2010, 19, 2554-2566.	2.9	18
28	Targeting Mac-1-mediated leukocyteâ€“RBC interactions uncouples the benefits for acute vaso-occlusion and chronic organ damage. Experimental Hematology, 2016, 44, 940-946.	0.4	15
29	Adenosine from Niche-Associated Tregs Maintains Hematopoietic Stem Cell Quiescence. Blood, 2017, 130, 91-91.	1.4	2
30	Paul S. Frenette (1965â€“2021). Cell, 2021, 184, 5073-5076.	28.9	1
31	MSC Niche for Hematopoiesis. , 2013, , 91-106.		0
32	Using CT-guided stereotactic prostate radiation therapy (CT-SPRT) to assess sustained murine prostate ablation. Scientific Reports, 2021, 11, 6571.	3.3	0
33	In memory of Paul Sylvain Frenette, a pioneering explorer of the hematopoietic stem cell niche who left far too early. Experimental Hematology, 2021, , .	0.4	0
34	Paul S. Frenette (1965â€“2021). Nature Cell Biology, 2021, 23, 1049-1050.	10.3	0
35	Paul S. Frenette (1965â€“2021). Cell Stem Cell, 2021, 28, 1686-1689.	11.1	0
36	Vcam1 Is a "Don't-Eat-Me" Signal on Healthy Hematopoietic and Leukemic Stem Cells. Blood, 2016, 128, 565-565.	1.4	0

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37	VCAM1 Confers Innate Immune Tolerance on Hematopoietic and Leukemic Stem Cells. Blood, 2019, 134, 524-524.	1.4	0
38	In Situ Hematopoietic Stem Cell Imaging. Methods in Molecular Biology, 2021, 2185, 373-382.	0.9	0