Olaia Naveiras

List of Publications by Citations

41 papers	4,182 citations	18 h-index	43 g-index
43 ext. papers	4,779 ext. citations	10.1 avg, IF	4.69 L-index

#	Paper	IF	Citations
41	Epigenetic memory in induced pluripotent stem cells. *Nature*, **2010**, 467, 285-90	50.4	1729
40	Bone-marrow adipocytes as negative regulators of the haematopoietic microenvironment. *Nature*, **2009**, 460, 259-63	50.4	785
39	Biomechanical forces promote embryonic haematopoiesis. *Nature*, **2009**, 459, 1131-5	50.4	388
38	Bone marrow adipocytes promote the regeneration of stem cells and haematopoiesis by secreting SCF. *Nature Cell Biology*, **2017**, 19, 891-903	23.4	229
37	Embryonic stem cell-derived hematopoietic stem cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 19081-6	11.5	177
36	Specification of haematopoietic stem cell fate via modulation of mitochondrial activity. *Nature Communications*, **2016**, 7, 13125	17.4	142
35	The May-Hegglin anomaly gene MYH9 is a negative regulator of platelet biogenesis modulated by the Rho-ROCK pathway. *Blood*, **2007**, 110, 171-9	2.2	137
34	The transcriptional landscape of hematopoietic stem cell ontogeny. *Cell Stem Cell*, **2012**, 11, 701-14	18	132
33	Surface antigen phenotypes of hematopoietic stem cells from embryos and murine embryonic stem cells. *Blood*, **2009**, 114, 268-78	2.2	86
32	The NAD-Booster Nicotinamide Riboside Potently Stimulates Hematopoiesis through Increased Mitochondrial Clearance. *Cell Stem Cell*, **2019**, 24, 405-418.e7	18	81
31	Biomechanical forces promote blood development through prostaglandin E2 and the cAMP-PKA signaling axis. *Journal of Experimental Medicine*, **2015**, 212, 665-80	16.6	58
30	Single-cell analyses identify bioengineered niches for enhanced maintenance of hematopoietic stem cells. *Nature Communications*, **2017**, 8, 221	17.4	25
29	The cdx-hox pathway in hematopoietic stem cell formation from embryonic stem cells. *Annals of the New York Academy of Sciences*, **2007**, 1106, 197-208	6.5	24
28	Reporting Guidelines, Review of Methodological Standards, and Challenges Toward Harmonization in Bone Marrow Adiposity Research. Report of the Methodologies Working Group of the International Bone Marrow Adiposity Society. *Frontiers in Endocrinology*, **2020**, 11, 65	5.7	21
27	Smart Hydrogels for the Augmentation of Bone Regeneration by Endogenous Mesenchymal Progenitor Cell Recruitment. *Advanced Science*, **2020**, 7, 1903395	13.6	20
26	Response to MEK inhibition with trametinib and tyrosine kinase inhibition with imatinib in multifocal histiocytic sarcoma. *Haematologica*, **2018**, 103, e39-e41	6.6	20
25	ICSBP-mediated immune protection against BCR-ABL-induced leukemia requires the CCL6 and CCL9 chemokines. *Blood*, **2009**, 113, 3813-20	2.2	19

24	Injectable, scalable 3D tissue-engineered model of marrow hematopoiesis. *Biomaterials*, **2020**, 232, 119665	15.6	19
23	Isolation of hematopoietic stem cells from mouse embryonic stem cells. *Current Protocols in Stem Cell Biology*, **2008**, Chapter 1, Unit 1F.3	2.8	13
22	Identification of in vitro HSC fate regulators by differential lipid raft clustering. *Cell Cycle*, **2012**, 11, 1535-43	4.7	12
21	The Listeria monocytogenes lemA gene product is not required for intracellular infection or to activate fMIGWII-specific T cells. *Infection and Immunity*, **2003**, 71, 6721-7	3.7	12
20	High-throughput, nonperturbing quantification of lipid droplets with digital holographic microscopy. *Journal of Lipid Research*, **2018**, 59, 1301-1310	6.3	9
19	Across Aging and Aplasia: A Digital Pathology Workflow for Quantification of Bone Marrow Compartments in Histological Sections. *Frontiers in Endocrinology*, **2020**, 11, 480	5.7	9
18	Combined Lung and Liver Transplantation for Short Telomere Syndrome. *Liver Transplantation*, **2020**, 26, 840-844	4.5	6
17	An Injectable Meta-Biomaterial: From Design and Simulation to In Vivo Shaping and Tissue Induction. *Advanced Materials*, **2021**, 33, e2102350	24	6
16	Brief Report From the 3rd International Meeting on Bone Marrow Adiposity (BMA 2017). *Frontiers in Endocrinology*, **2019**, 10, 336	5.7	3
15	Bone Marrow Yellow and Red Adipocytes Good or Bad Cells?. *Current Molecular Biology Reports*, **2018**, 4, 117-122	2	3
14	Targeting mitochondria to stimulate hematopoiesis. *Aging*, **2020**, 12, 1042-1043	5.6	3
13	Comment on "MEK inhibition with trametinib and tyrosine kinase inhibition with imatinib in multifocal histiocytic sarcoma". *Haematologica*, **2018**, 103, e130	6.6	2
12	Acquired haemophilia A in the postpartum and risk of relapse in subsequent pregnancies: A systematic literature review. *Haemophilia*, **2021**, 27, 199-210	3.3	2
11	Correlation study between osteoporosis and hematopoiesis in the context of adjuvant chemotherapy for breast cancer. *Annals of Hematology*, **2018**, 97, 309-317	3	2
10	Bone marrow adiposity and the hematopoietic niche: A historical perspective of reciprocity, heterogeneity, and lineage commitment. *Best Practice and Research in Clinical Endocrinology and Metabolism*, **2021**, 35, 101564	6.5	2
9	Guidelines for Biobanking of Bone Marrow Adipose Tissue and Related Cell Types: Report of the Biobanking Working Group of the International Bone Marrow Adiposity Society. *Frontiers in Endocrinology*, **2021**, 12, 744527	5.7	2
8	A Systems Biology Approach to Study the Acquisition of Adult Repopulating Potential During Hematopoietic Stem Cell Ontogeny.. *Blood*, **2009**, 114, 1479-1479	2.2	1
7	Cryogel-based Injectable 3D Microcarrier Co-culture for Support of Hematopoietic Progenitor Niches. *Current Protocols*, **2021**, 1, e275		1

6	Measurement of Mitochondrial Mass and Membrane Potential in Hematopoietic Stem Cells and T-cells by Flow Cytometry. *Journal of Visualized Experiments*, **2019**,	1.6	1
5	A Critical Role for CCL Chemokines in the Immuno-Protection Induced by Type I Interferons and IRF8/ICSBP Against Bcr/Abl-Induced Leukemia.. *Blood*, **2007**, 110, 1001-1001	2.2	
4	Bone Marrow Adipocytes: A Novel Negative Regulator of the Hematopoietic Microenvironment.. *Blood*, **2007**, 110, 1405-1405	2.2	
3	Biomechanical forces promote blood development through prostaglandin E2and the cAMPPKA signaling axis. *Journal of General Physiology*, **2015**, 145, 1455OIA20	3.4	
2	Biomechanical forces promote blood development through prostaglandin E2and the cAMPPKA signaling axis. *Journal of Cell Biology*, **2015**, 209, 2092OIA69	7.3	
1	Bone Marrow Adipocytes Prevent Hematopoietic Expansion in Homeostasis and in Bone Marrow Transplantation. *Blood*, **2008**, 112, 551-551	2.2	