Olaia Naveiras

List of Publications by Year
in descending order

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43 papers	5,224 citations	430442 18 h-index	315357 38 g-index
43 all docs	43 docs citations	43 times ranked	8669 citing authors

#	Article	IF	Citations
1	Epigenetic memory in induced pluripotent stem cells. Nature, 2010, 467, 285-290.	13.7	2,011
2	Bone-marrow adipocytes as negative regulators of the haematopoietic microenvironment. Nature, 2009, 460, 259-263.	13.7	938
3	Biomechanical forces promote embryonic haematopoiesis. Nature, 2009, 459, 1131-1135.	13.7	455
4	Bone marrow adipocytes promote the regeneration of stem cells and haematopoiesis by secreting SCF. Nature Cell Biology, 2017, 19, 891-903.	4.6	359
5	Specification of haematopoietic stem cell fate via modulation of mitochondrial activity. Nature Communications, 2016, 7, 13125.	5.8	206
6	Embryonic stem cell-derived hematopoietic stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 19081-19086.	3.3	193
7	The Transcriptional Landscape of Hematopoietic Stem Cell Ontogeny. Cell Stem Cell, 2012, 11, 701-714.	5.2	155
8	The May-Hegglin anomaly gene MYH9 is a negative regulator of platelet biogenesis modulated by the Rho-ROCK pathway. Blood, 2007, 110, 171-179.	0.6	154
9	The NAD-Booster Nicotinamide Riboside Potently Stimulates Hematopoiesis through Increased Mitochondrial Clearance. Cell Stem Cell, 2019, 24, 405-418.e7.	5.2	143
10	Surface antigen phenotypes of hematopoietic stem cells from embryos and murine embryonic stem cells. Blood, 2009, 114, 268-278.	0.6	100
11	Biomechanical forces promote blood development through prostaglandin E2 and the cAMPâ€“PKA signaling axis. Journal of Experimental Medicine, 2015, 212, 665-680.	4.2	74
12	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.	1.5	53
13	Smart Hydrogels for the Augmentation of Bone Regeneration by Endogenous Mesenchymal Progenitor Cell Recruitment. Advanced Science, 2020, 7, 1903395.	5.6	46
14	Single-cell analyses identify bioengineered niches for enhanced maintenance of hematopoietic stem cells. Nature Communications, 2017, 8, 221.	5.8	34
15	Injectable, scalable 3D tissue-engineered model of marrow hematopoiesis. Biomaterials, 2020, 232, 119665.	5.7	28
16	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.	1.8	27
17	ICSBP-mediated immune protection against BCR-ABLâ€“induced leukemia requires the CCL6 and CCL9 chemokines. Blood, 2009, 113, 3813-3820.	0.6	27
18	Response to MEK inhibition with trametinib and tyrosine kinase inhibition with imatinib in multifocal histiocytic sarcoma. Haematologica, 2018, 103, e39-e41.	1.7	25

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19	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.	2.2	23
20	MarrowQuant Across Aging and Aplasia: A Digital Pathology Workflow for Quantification of Bone Marrow Compartments in Histological Sections. Frontiers in Endocrinology, 2020, 11, 480.	1.5	22
21	High-throughput, nonperturbing quantification of lipid droplets with digital holographic microscopy. Journal of Lipid Research, 2018, 59, 1301-1310.	2.0	20
22	Isolation of Hematopoietic Stem Cells from Mouse Embryonic Stem Cells. Current Protocols in Stem Cell Biology, 2008, 4, Unit 1F.3.	3.0	16
23	An Injectable Metaâ€Biomaterial: From Design and Simulation to In Vivo Shaping and Tissue Induction. Advanced Materials, 2021, 33, e2102350.	11.1	15
24	Identification of in vitro HSC fate regulators by differential lipid raft clustering. Cell Cycle, 2012, 11, 1535-1543.	1.3	13
25	The Listeria monocytogenes lemA Gene Product Is Not Required forIntracellular Infection or To Activate fMIGWII-Specific TCells. Infection and Immunity, 2003, 71, 6721-6727.	1.0	12
26	Acquired haemophilia A in the postpartum and risk of relapse in subsequent pregnancies: A systematic literature review. Haemophilia, 2021, 27, 199-210.	1.0	12
27	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.	1.5	11
28	Combined Lung and Liver Transplantation for Short Telomere Syndrome. Liver Transplantation, 2020, 26, 840-844.	1.3	10
29	Targeting mitochondria to stimulate hematopoiesis. Aging, 2020, 12, 1042-1043.	1.4	7
30	Comment on â€œMEK inhibition with trametinib and tyrosine kinase inhibition with imatinib in multifocal histiocytic sarcomaâ€• Haematologica, 2018, 103, e130-e130.	1.7	6
31	Correlation study between osteoporosis and hematopoiesis in the context of adjuvant chemotherapy for breast cancer. Annals of Hematology, 2018, 97, 309-317.	0.8	6
32	Brief Report From the 3rd International Meeting on Bone Marrow Adiposity (BMA 2017). Frontiers in Endocrinology, 2019, 10, 336.	1.5	6
33	Bone Marrow â€œYellowâ€•and â€œRedâ€•Adipocytesâ€• Good or Bad Cells?. Current Molecular Biology Reports, 2018, 4, 117-122.	0.8	5
34	Measurement of Mitochondrial Mass and Membrane Potential in Hematopoietic Stem Cells and T-cells by Flow Cytometry. Journal of Visualized Experiments, 2019, , .	0.2	4
35	Cryogelâ€based Injectable 3D Microcarrier Coâ€culture for Support of Hematopoietic Progenitor Niches. Current Protocols, 2021, 1, e275.	1.3	4
36	Bone Marrow Adipocytes Prevent Hematopoietic Expansion in Homeostasis and in Bone Marrow Transplantation. Blood, 2008, 112, 551-551.	0.6	2

#	Article	IF	Citations
37	A standardized quantification tool for bone marrow components in histological sections. Experimental Hematology, 2017, 53, S62-S63.	0.2	1
38	A Systems Biology Approach to Study the Acquisition of Adult Repopulating Potential During Hematopoietic Stem Cell Ontogeny.. Blood, 2009, 114, 1479-1479.	0.6	1
39	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.	0.6	0
40	Bone Marrow Adipocytes: A Novel Negative Regulator of the Hematopoietic Microenvironment.. Blood, 2007, 110, 1405-1405.	0.6	0
41	Biomechanical forces promote blood development through prostaglandin E₂and the cAMPâ€“PKA signaling axis. Journal of General Physiology, 2015, 145, 1455OIA20.	0.9	0
42	Biomechanical forces promote blood development through prostaglandin E2and the cAMPâ€“PKA signaling axis. Journal of Cell Biology, 2015, 209, 2092OIA69.	2.3	0
43	3122 â€“ THE ADULT ADRENAL GLAND AS A SITE OF DE NOVO EXTRAMEDULLARY HEMATOPOIESIS: A NOVEL MODEL TO APPROACH THE MINIMALLY FUNCTIONAL HEMATOPOIETIC STEM CELL NICHE. Experimental Hematology, 2021, 100, S101.	0.2	0