

Borja Saez

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

3,476
citations

279798

23
h-index

289244

40
g-index

44
all docs

44
docs citations

44
times ranked

7196
citing authors

#	ARTICLE	IF	CITATIONS
1	Deconvolution of the hematopoietic stem cell microenvironment reveals a high degree of specialization and conservation. <i>IScience</i> , 2022, 25, 104225.	4.1	2
2	The bone marrow niche regulates redox and energy balance in MLL::AF9 leukemia stem cells. <i>Leukemia</i> , 2022, 36, 1969-1979.	7.2	5
3	Notch3 Deficiency Attenuates Pulmonary Fibrosis and Impedes Lung-Function Decline. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021, 64, 465-476.	2.9	21
4	Molecular and Cellular Mechanisms of Delayed Fracture Healing in <i>Mmp10</i> (Stromelysin 2) Knockout Mice. <i>Journal of Bone and Mineral Research</i> , 2021, 36, 2203-2213.	2.8	5
5	tiRNA signaling via stress-regulated vesicle transfer in the hematopoietic niche. <i>Cell Stem Cell</i> , 2021, 28, 2090-2103.e9.	11.1	20
6	Engineering a Humanised Niche to Support Human Haematopoiesis in Mice: Novel Opportunities in Modelling Cancer. <i>Cancers</i> , 2020, 12, 2205.	3.7	3
7	Aldehyde dehydrogenase 3a2 protects AML cells from oxidative death and the synthetic lethality of ferroptosis inducers. <i>Blood</i> , 2020, 136, 1303-1316.	1.4	68
8	Characterization of freshly isolated bone marrow mesenchymal stromal cells from healthy donors and patients with multiple myeloma: transcriptional modulation of the microenvironment. <i>Haematologica</i> , 2020, 105, e470-473.	3.5	17
9	Role of the Extracellular Matrix in Stem Cell Maintenance. <i>Current Stem Cell Reports</i> , 2019, 5, 1-10.	1.6	16
10	Selective hematopoietic stem cell ablation using CD117-antibody-drug-conjugates enables safe and effective transplantation with immunity preservation. <i>Nature Communications</i> , 2019, 10, 617.	12.8	130
11	Mutant U2AF1-expressing cells are sensitive to pharmacological modulation of the spliceosome. <i>Nature Communications</i> , 2017, 8, 14060.	12.8	99
12	Functions of Replication Protein A as a Sensor of R Loops and a Regulator of RNaseH1. <i>Molecular Cell</i> , 2017, 65, 832-847.e4.	9.7	205
13	Splicing factor gene mutations in hematologic malignancies. <i>Blood</i> , 2017, 129, 1260-1269.	1.4	99
14	Harnessing the Biology of Stem Cells' Niche. , 2017, , 15-31.		4
15	Epigenetic Memory Underlies Cell-Autonomous Heterogeneous Behavior of Hematopoietic Stem Cells. <i>Cell</i> , 2016, 167, 1310-1322.e17.	28.9	153
16	Non-genotoxic conditioning for hematopoietic stem cell transplantation using a hematopoietic-cell-specific internalizing immunotoxin. <i>Nature Biotechnology</i> , 2016, 34, 738-745.	17.5	176
17	Tle1 tumor suppressor negatively regulates inflammation in vivo and modulates NF- κ B inflammatory pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 1871-1876.	7.1	62
18	Injury Induces Direct Lineage Segregation of Functionally Distinct Airway Basal Stem/Progenitor Cell Subpopulations. <i>Cell Stem Cell</i> , 2015, 16, 184-197.	11.1	182

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19	Parent stem cells can serve as niches for their daughter cells. <i>Nature</i> , 2015, 523, 597-601.	27.8	169
20	Specific bone cells produce DLL4 to generate thymus-seeding progenitors from bone marrow. <i>Journal of Experimental Medicine</i> , 2015, 212, 759-774.	8.5	122
21	Myocardial Infarction Activates CCR2+ Hematopoietic Stem and Progenitor Cells. <i>Cell Stem Cell</i> , 2015, 16, 477-487.	11.1	168
22	Preclinical Activity of Splicing Modulators in U2AF1 Mutant MDS/AML. <i>Blood</i> , 2015, 126, 1653-1653.	1.4	6
23	D-Cyclins Repress Apoptosis in Hematopoietic Cells by Controlling Death Receptor Fas and Its Ligand FasL. <i>Developmental Cell</i> , 2014, 30, 255-267.	7.0	27
24	Inhibiting stromal cell heparan sulfate synthesis improves stem cell mobilization and enables engraftment without cytotoxic conditioning. <i>Blood</i> , 2014, 124, 2937-2947.	1.4	39
25	Sox4 Is a Key Oncogenic Target in C/EBP β Mutant Acute Myeloid Leukemia. <i>Cancer Cell</i> , 2013, 24, 575-588.	16.8	112
26	SIRT1 regulates differentiation of mesenchymal stem cells by deacetylating β -catenin. <i>EMBO Molecular Medicine</i> , 2013, 5, 430-440.	6.9	233
27	SIRT1 regulates differentiation of mesenchymal stem cells by deacetylating β -catenin. <i>EMBO Molecular Medicine</i> , 2013, 5, 482-482.	6.9	4
28	Differentiation Induction In Acute Myeloid Leukemia Using Site-Specific DNA-Targeting. <i>Blood</i> , 2013, 122, 3940-3940.	1.4	12
29	Human and Murine β -Defensin-Derived Peptides Induce Rapid Mobilization Of Murine Hematopoietic Stem and Progenitor Cells Via Activation Of CXCR4 Signaling and CXCL12 Release. <i>Blood</i> , 2013, 122, 890-890.	1.4	0
30	AKT/FOXO Signaling Enforces Reversible Differentiation Blockade in Myeloid Leukemias. <i>Cell</i> , 2011, 146, 697-708.	28.9	232
31	Inhibition of bone morphogenetic protein signaling attenuates anemia associated with inflammation. <i>Blood</i> , 2011, 117, 4915-4923.	1.4	161
32	Diabetes Impairs Hematopoietic Stem Cell Mobilization by Altering Niche Function. <i>Science Translational Medicine</i> , 2011, 3, 104ra101.	12.4	254
33	The Lkb1 metabolic sensor maintains haematopoietic stem cell survival. <i>Nature</i> , 2010, 468, 659-663.	27.8	346
34	Down-Regulation of <i>hsa-miR-10a</i> in Chronic Myeloid Leukemia CD34+ Cells Increases USF2-Mediated Cell Growth. <i>Molecular Cancer Research</i> , 2008, 6, 1830-1840.	3.4	208
35	Simultaneous translocations of FGFR3/MMSET and CCND1 into two different IGH alleles in multiple myeloma: lack of concurrent activation of both proto-oncogenes. <i>Cancer Genetics and Cytogenetics</i> , 2007, 175, 65.e1-65.e5.	1.0	3
36	Multiple myeloma primary cells show a highly rearranged unbalanced genome with amplifications and homozygous deletions irrespective of the presence of immunoglobulin-related chromosome translocations. <i>Haematologica</i> , 2007, 92, 795-802.	3.5	28

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37	Multicolor interphase cytogenetics for the study of plasma cell dyscrasias. <i>Oncology Reports</i> , 2007, 18, 1099-106.	2.6	6
38	Interphase FISH for the detection of breakpoints in IG loci and chromosomal changes with adverse prognostic impact in multiple myeloma with normal karyotypes. <i>Cancer Genetics and Cytogenetics</i> , 2006, 167, 183-185.	1.0	2
39	Identification of recurrent chromosomal breakpoints in multiple myeloma with complex karyotypes by combined G-banding, spectral karyotyping, and fluorescence in situ hybridization analyses. <i>Cancer Genetics and Cytogenetics</i> , 2006, 169, 143-149.	1.0	17
40	NUP98 is fused to HOXA9 in a variant complex t(7;11;13;17) in a patient with AML-M2. <i>Cancer Genetics and Cytogenetics</i> , 2005, 157, 151-156.	1.0	7
41	Amplification of IGH/MYC fusion in clinically aggressive IGH/BCL2-positive germinal center B-cell lymphomas. <i>Genes Chromosomes and Cancer</i> , 2005, 43, 414-423.	2.8	37
42	Chromosomal abnormalities clustering in multiple myeloma reveals cytogenetic subgroups with nonrandom acquisition of chromosomal changes. <i>Leukemia</i> , 2004, 18, 654-657.	7.2	14