

Xinxin Huang

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

743
citations

759233

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docs citations

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times ranked

1186
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#	ARTICLE	IF	CITATIONS
1	Enhancing Hematopoietic Stem Cell Transplantation Efficacy by Mitigating Oxygen Shock. <i>Cell</i> , 2015, 161, 1553-1565.	28.9	273
2	Glucocorticoid hormone-induced chromatin remodeling enhances human hematopoietic stem cell homing and engraftment. <i>Nature Medicine</i> , 2017, 23, 424-428.	30.7	86
3	Neutralizing negative epigenetic regulation by HDAC5 enhances human haematopoietic stem cell homing and engraftment. <i>Nature Communications</i> , 2018, 9, 2741.	12.8	56
4	Hypoxia Signaling Pathway in Stem Cell Regulation: Good and Evil. <i>Current Stem Cell Reports</i> , 2018, 4, 149-157.	1.6	56
5	Past, present, and future efforts to enhance the efficacy of cord blood hematopoietic cell transplantation. <i>F1000Research</i> , 2019, 8, 1833.	1.6	36
6	Phorbol ester induced ex vivo expansion of rigorously-defined phenotypic but not functional human cord blood hematopoietic stem cells: a cautionary tale demonstrating that phenotype does not always recapitulate stem cell function. <i>Leukemia</i> , 2019, 33, 2962-2966.	7.2	35
7	Secreted nuclear protein DEK regulates hematopoiesis through CXCR2 signaling. <i>Journal of Clinical Investigation</i> , 2019, 129, 2555-2570.	8.2	28
8	Cutting Edge: Progesterone Directly Upregulates Vitamin D Receptor Gene Expression for Efficient Regulation of T Cells by Calcitriol. <i>Journal of Immunology</i> , 2015, 194, 883-886.	0.8	24
9	Progress towards improving homing and engraftment of hematopoietic stem cells for clinical transplantation. <i>Current Opinion in Hematology</i> , 2019, 26, 266-272.	2.5	24
10	Mitigating oxygen stress enhances aged mouse hematopoietic stem cell numbers and function. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	23
11	Combinations of antioxidants and/or of epigenetic enzyme inhibitors allow for enhanced collection of mouse bone marrow hematopoietic stem cells in ambient air. <i>Blood Cells, Molecules, and Diseases</i> , 2018, 71, 23-28.	1.4	19
12	Pharmacological activation of nitric oxide signaling promotes human hematopoietic stem cell homing and engraftment. <i>Leukemia</i> , 2021, 35, 229-234.	7.2	15
13	Phosphatidylinositol transfer proteins regulate megakaryocyte TGF- β 21 secretion and hematopoiesis in mice. <i>Blood</i> , 2018, 132, 1027-1038.	1.4	10
14	ADGRG1 enriches for functional human hematopoietic stem cells following ex vivo expansion-induced mitochondrial oxidative stress. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	9
15	Specific mesoderm subset derived from human pluripotent stem cells ameliorates microvascular pathology in type 2 diabetic mice. <i>Science Advances</i> , 2022, 8, eabm5559.	10.3	8
16	m6A reader suppression bolsters HSC expansion. <i>Cell Research</i> , 2018, 28, 875-876.	12.0	7
17	Effects of Eupalinilide E and UM171, alone and in combination on cytokine stimulated ex-vivo expansion of human cord blood hematopoietic stem cells. <i>Blood Cells, Molecules, and Diseases</i> , 2020, 84, 102457.	1.4	7
18	Chromatin remodeling subunit BRM and valine regulate hematopoietic stem/progenitor cell function and self-renewal via intrinsic and extrinsic effects. <i>Leukemia</i> , 2022, 36, 821-833.	7.2	7

#	ARTICLE	IF	CITATIONS
19	CD166 Engagement Augments Mouse and Human Hematopoietic Progenitor Function via Activation of Stemness and Cell Cycle Pathways. <i>Stem Cells</i> , 2019, 37, 1319-1330.	3.2	6
20	Patient-Tailored Mouse Genome Editing Recapitulates Hematopoietic and Systemic Manifestations of Barth Syndrome. <i>Blood</i> , 2017, 130, 775-775.	1.4	5
21	Mitigation of a Newly Discovered Phenomenon, Extra Physiologic Oxygen Shock/Stress (EPHOSS), Mediated By the Mitochondria Permeability Transition Pore, Greatly Improves Stem Cell Collection and Transplantation. <i>Blood</i> , 2014, 124, 2905-2905.	1.4	4
22	Inhibition of HDAC5-Mediated p65 Deacetylation Enhances Human Cord Blood Hematopoietic Stem Cell Homing and Engraftment in NSG Mice. <i>Blood</i> , 2016, 128, 884-884.	1.4	2
23	Update on preclinical and clinical efforts on ex-vivo expansion of hematopoietic stem and progenitor cells. <i>Current Opinion in Hematology</i> , 2022, Publish Ahead of Print, .	2.5	2
24	Nitric Oxide Promotes Human Hematopoietic Stem Cell Homing and Engraftment Via cGMP-Pkg Signaling. <i>Blood</i> , 2018, 132, 807-807.	1.4	1
25	Activation of OCT4 Enhances Ex Vivo Expansion of Phenotypically Defined and Functionally Engraftable Human Cord Blood Hematopoietic Stem and Progenitor Cells By Regulating HOXB4 Expression. <i>Blood</i> , 2014, 124, 4332-4332.	1.4	0
26	Human Hematopoietic Stem Cell Homing and Engraftment Promoted By Glucocorticoid Induced Chromatin Remodeling. <i>Blood</i> , 2016, 128, 494-494.	1.4	0
27	Antagonizing PPAR β Expands Human Hematopoietic Stem and Progenitor Cells By Switching on FBPI-Repressed Glycolysis and Preventing Differentiation. <i>Blood</i> , 2017, 130, 709-709.	1.4	0
28	CD166 Engagement Augments Mouse and Human Hematopoietic Stem and Progenitor Function Via Activation of Stem Cell-Associated and Cell Cycle Pathways. <i>Blood</i> , 2018, 132, 1282-1282.	1.4	0
29	Collection and Processing of Bone Marrow at 3% Oxygen Significantly Alters the Manifestation of Aged Mouse Hematopoietic Stem Cell Phenotype. <i>Blood</i> , 2019, 134, 1202-1202.	1.4	0
30	Chromatin Remodeling Subunit Brm Regulates Hematopoietic Stem Cell Self-Renewal By Limiting Intracellular Valine Levels. <i>Blood</i> , 2019, 134, 3702-3702.	1.4	0
31	In memory of Hal E. Broxmeyer, a pluripotent scientist, pioneer, and mentor. <i>Blood Science</i> , 2022, 4, 1-4.	0.9	0