

Shannon L Mckinney-Freeman

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,263
citations

394421

19
h-index

330143

37
g-index

57
all docs

57
docs citations

57
times ranked

3387
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomechanical forces promote embryonic haematopoiesis. <i>Nature</i> , 2009, 459, 1131-1135.	27.8	455
2	Muscle-derived hematopoietic stem cells are hematopoietic in origin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 1341-1346.	7.1	431
3	BMP and Wnt Specify Hematopoietic Fate by Activation of the Cdx-Hox Pathway. <i>Cell Stem Cell</i> , 2008, 2, 72-82.	11.1	192
4	The Transcriptional Landscape of Hematopoietic Stem Cell Ontogeny. <i>Cell Stem Cell</i> , 2012, 11, 701-714.	11.1	155
5	Surface antigen phenotypes of hematopoietic stem cells from embryos and murine embryonic stem cells. <i>Blood</i> , 2009, 114, 268-278.	1.4	100
6	Epoxyeicosatrienoic acids enhance embryonic haematopoiesis and adult marrow engraftment. <i>Nature</i> , 2015, 523, 468-471.	27.8	97
7	Isolation and Characterization of Side Population Cells. , 2005, 290, 343-352.		92
8	Functional screen identifies regulators of murine hematopoietic stem cell repopulation. <i>Journal of Experimental Medicine</i> , 2016, 213, 433-449.	8.5	78
9	<i>Cdx</i> gene deficiency compromises embryonic hematopoiesis in the mouse. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 7756-7761.	7.1	62
10	Lifelong haematopoiesis is established by hundreds of precursors throughout mammalian ontogeny. <i>Nature Cell Biology</i> , 2017, 19, 1153-1163.	10.3	61
11	Effect of Developmental Stage of HSC and Recipient on Transplant Outcomes. <i>Developmental Cell</i> , 2014, 29, 621-628.	7.0	53
12	Altered phenotype and reduced function of muscle-derived hematopoietic stem cells. <i>Experimental Hematology</i> , 2003, 31, 806-814.	0.4	51
13	Modulation of murine embryonic stem cell-derived CD41+c-kit+ hematopoietic progenitors by ectopic expression of Cdx genes. <i>Blood</i> , 2008, 111, 4944-4953.	1.4	48
14	The global clonal complexity of the murine blood system declines throughout life and after serial transplantation. <i>Blood</i> , 2019, 133, 1927-1942.	1.4	45
15	Chemotherapy-induced transposable elements activate MDA5 to enhance haematopoietic regeneration. <i>Nature Cell Biology</i> , 2021, 23, 704-717.	10.3	40
16	Circulating hematopoietic stem cells do not efficiently home to bone marrow during homeostasis. <i>Experimental Hematology</i> , 2004, 32, 868-876.	0.4	38
17	Nfix is a novel regulator of murine hematopoietic stem and progenitor cell survival. <i>Blood</i> , 2013, 122, 2987-2996.	1.4	36
18	The Cdx-Hox Pathway in Hematopoietic Stem Cell Formation from Embryonic Stem Cells. <i>Annals of the New York Academy of Sciences</i> , 2007, 1106, 197-208.	3.8	27

#	ARTICLE	IF	CITATIONS
19	Hematopoietic stem cells under pressure. <i>Current Opinion in Hematology</i> , 2017, 24, 314-321.	2.5	25
20	Differential mRNA Processing in Hematopoietic Stem Cells. <i>Stem Cells</i> , 2006, 24, 662-670.	3.2	20
21	Murine hematopoietic stem cell activity is derived from pre-circulation embryos but not yolk sacs. <i>Nature Communications</i> , 2018, 9, 5405.	12.8	19
22	Towards hematopoietic reconstitution from embryonic stem cells: a sanguine future. <i>Current Opinion in Hematology</i> , 2007, 14, 343-347.	2.5	18
23	Isolation of Hematopoietic Stem Cells from Mouse Embryonic Stem Cells. <i>Current Protocols in Stem Cell Biology</i> , 2008, 4, Unit 1F.3.	3.0	16
24	Murine hemogenic endothelial precursors display heterogeneous hematopoietic potential <i>ex vivo</i> . <i>Experimental Hematology</i> , 2017, 51, 25-35.e6.	0.4	16
25	Cdx4 is dispensable for murine adult hematopoietic stem cells but promotes MLL-AF9-mediated leukemogenesis. <i>Haematologica</i> , 2010, 95, 1642-1650.	3.5	14
26	<i>Nfix</i> Promotes Survival of Immature Hematopoietic Cells via Regulation of <i>c-Mpl</i> . <i>Stem Cells</i> , 2018, 36, 943-950.	3.2	14
27	The Src homology 2 protein Shb promotes cell cycle progression in murine hematopoietic stem cells by regulation of focal adhesion kinase activity. <i>Experimental Cell Research</i> , 2013, 319, 1852-1864.	2.6	13
28	Elevated Oxidative Stress Impairs Hematopoietic Progenitor Function in C57BL/6 Substrains. <i>Stem Cell Reports</i> , 2018, 11, 334-347.	4.8	13
29	Clones assemble! The clonal complexity of blood during ontogeny and disease. <i>Experimental Hematology</i> , 2020, 83, 35-47.	0.4	10
30	Derivation of Hematopoietic Stem Cells from Murine Embryonic Stem Cells. <i>Journal of Visualized Experiments</i> , 2007, , 162.	0.3	5
31	3' UTR-truncated HMGA2 overexpression induces non-malignant <i>in vivo</i> expansion of hematopoietic stem cells in non-human primates. <i>Molecular Therapy - Methods and Clinical Development</i> , 2021, 21, 693-701.	4.1	5
32	GPRASP proteins are critical negative regulators of hematopoietic stem cell transplantation. <i>Blood</i> , 2020, 135, 1111-1123.	1.4	2
33	Evaluation of Ranzoni et al.: Integrative Single-Cell RNA-Seq and ATAC-Seq Analysis of Human Developmental Hematopoiesis. <i>Cell Stem Cell</i> , 2021, 28, 357-358.	11.1	2
34	Leukemia Risk Gene ARID5B is a Crucial Regulator of B-Cell Development. <i>Blood</i> , 2018, 132, 385-385.	1.4	2
35	Phenotype and origin of human skeletal muscle-derived hematopoietic progenitors. <i>Leukemia Research</i> , 2005, 29, 363-364.	0.8	1
36	Murine Fetal Bone Marrow HSPCs Undergo a Dramatic Shift in Frequency at Birth. <i>Blood</i> , 2019, 134, 2471-2471.	1.4	1

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37	A Systems Biology Approach to Study the Acquisition of Adult Repopulating Potential During Hematopoietic Stem Cell Ontogeny.. Blood, 2009, 114, 1479-1479.	1.4	1
38	The G Protein-Coupled Receptor Associated Sorting Proteins, Gprasp2 and Armcx1 Are Putative Negative Regulators of HSC Engraftment and Repopulation. Blood, 2015, 126, 2386-2386.	1.4	1
39	Part D: Directed Differentiation of Human Embryonic Stem Cells into Hematopoietic in vivo Repopulating Cells. , 0, , 273-285.		0
40	A breath of fresh air for umbilical cord blood. Blood, 2016, 128, 2878-2880.	1.4	0
41	Adult Hematopoietic Stem Cell Engagement with the Myeloablated Bone Marrow Niche. , 2018, , 221-221.		0
42	GABA gets blood on its hands. Blood, 2021, 137, 723-724.	1.4	0
43	Muscle-derived Hematopoietic Stem Cells. , 2004, , 405-413.		0
44	BMP Signaling Via the Cdx-Hox Pathway Allocates Mesoderm to Hematopoietic vs Cardiac Fates.. Blood, 2006, 108, 4183-4183.	1.4	0
45	Epoxyeicosatrienoic Acids Regulate Hematopoietic Stem/Progenitor Cell Fate Decision During Stress Response and Embryonic Hematopoiesis. Blood, 2011, 118, 860-860.	1.4	0
46	Neonatal Recipients Offer Permissive Hematopoietic Microenvironment for Engraftment of Embryonic Murine Hematopoietic Stem Cells. Blood, 2011, 118, 2344-2344.	1.4	0
47	Nfix Is Required for Hematopoietic Stem- and Progenitor Cell in Vivo Repopulating Potential.. Blood, 2012, 120, 2320-2320.	1.4	0
48	Nfi Genes Are Novel Regulators Of Murine Hematopoietic Stem- and Progenitor Cell Survival. Blood, 2013, 122, 735-735.	1.4	0
49	Functional Screen Identifies Novel Regulators of Murine Hematopoietic Stem Cell Engraftment. Blood, 2014, 124, 4321-4321.	1.4	0
50	Nuclear Factor I-X May Regulate a Myeloid-Biased Hematopoietic Stem Cell Population during Stress Hematopoiesis. Blood, 2018, 132, 5084-5084.	1.4	0