

Catherine Robin

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

3,195
citations

394421

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501196

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33
all docs

33
docs citations

33
times ranked

3135
citing authors

#	ARTICLE	IF	CITATIONS
1	In vivo imaging of haematopoietic cells emerging from the mouse aortic endothelium. <i>Nature</i> , 2010, 464, 116-120.	27.8	792
2	Runx1 Expression Marks Long-Term Repopulating Hematopoietic Stem Cells in the Midgestation Mouse Embryo. <i>Immunity</i> , 2002, 16, 661-672.	14.3	523
3	Hematopoietic Stem Cells Localize to the Endothelial Cell Layer in the Midgestation Mouse Aorta. <i>Immunity</i> , 2002, 16, 673-683.	14.3	428
4	The Human Embryo, but Not Its Yolk Sac, Generates Lympho-Myeloid Stem Cells. <i>Immunity</i> , 2001, 15, 487-495.	14.3	198
5	Human Placenta Is a Potent Hematopoietic Niche Containing Hematopoietic Stem and Progenitor Cells throughout Development. <i>Cell Stem Cell</i> , 2009, 5, 385-395.	11.1	193
6	GFI1 proteins orchestrate the emergence of haematopoietic stem cells through recruitment of LSD1. <i>Nature Cell Biology</i> , 2016, 18, 21-32.	10.3	172
7	An Unexpected Role for IL-3 in the Embryonic Development of Hematopoietic Stem Cells. <i>Developmental Cell</i> , 2006, 11, 171-180.	7.0	133
8	Embryonic stromal clones reveal developmental regulators of definitive hematopoietic stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 20838-20843.	7.1	125
9	The <i>Sca-1</i> Transgene is Expressed in all Adult Mouse Hematopoietic Stem Cells. <i>Stem Cells</i> , 2002, 20, 514-521.	3.2	103
10	Single-cell transcriptomics reveal the dynamic of haematopoietic stem cell production in the aorta. <i>Nature Communications</i> , 2018, 9, 2517.	12.8	99
11	Progressive maturation toward hematopoietic stem cells in the mouse embryo aorta. <i>Blood</i> , 2015, 125, 465-469.	1.4	64
12	CD41 is developmentally regulated and differentially expressed on mouse hematopoietic stem cells. <i>Blood</i> , 2011, 117, 5088-5091.	1.4	60
13	On the origin of hematopoietic stem cells: Progress and controversy. <i>Stem Cell Research</i> , 2012, 8, 1-13.	0.7	43
14	In vivo generation of haematopoietic stem/progenitor cells from bone marrow-derived haemogenic endothelium. <i>Nature Cell Biology</i> , 2019, 21, 1334-1345.	10.3	34
15	A Human Hematopoietic Niche Model Supporting Hematopoietic Stem and Progenitor Cells In Vitro. <i>Advanced Healthcare Materials</i> , 2019, 8, e1801444.	7.6	29
16	Unexpected contribution of fibroblasts to muscle lineage as a mechanism for limb muscle patterning. <i>Nature Communications</i> , 2021, 12, 3851.	12.8	29
17	Multispecies RNA tomography reveals regulators of hematopoietic stem cell birth in the embryonic aorta. <i>Blood</i> , 2020, 136, 831-844.	1.4	28
18	Ex vivo time-lapse confocal imaging of the mouse embryo aorta. <i>Nature Protocols</i> , 2011, 6, 1792-1805.	12.0	26

#	ARTICLE	IF	CITATIONS
19	The roles of BMP and IL-3 signaling pathways in the control of hematopoietic stem cells in the mouse embryo. <i>International Journal of Developmental Biology</i> , 2010, 54, 1189-1200.	0.6	23
20	Integrin α IIb (CD41) plays a role in the maintenance of hematopoietic stem cell activity in the mouse embryonic aorta. <i>Biology Open</i> , 2013, 2, 525-532.	1.2	21
21	Restricted intra-embryonic origin of bona fide hematopoietic stem cells in the chicken. <i>Development (Cambridge)</i> , 2017, 144, 2352-2363.	2.5	18
22	Embryonic hematopoiesis under microscopic observation. <i>Developmental Biology</i> , 2017, 428, 318-327.	2.0	18
23	Recent Advances in Developmental Hematopoiesis: Diving Deeper With New Technologies. <i>Frontiers in Immunology</i> , 2021, 12, 790379.	4.8	11
24	Hematopoietic Stem Cell Enrichment From the AGM Region of the Mouse Embryo. , 2005, 105, 257-272.		9
25	Preparation of Hematopoietic Stem and Progenitor Cells from the Human Placenta. <i>Current Protocols in Stem Cell Biology</i> , 2010, 14, Unit 2A.9.	3.0	4
26	Endothelial struts enable the generation of large lumenized blood vessels de novo. <i>Nature Cell Biology</i> , 2021, 23, 322-329.	10.3	4
27	Development of the avian hematopoietic and immune systems. , 2022, , 45-69.		2
28	CLASP2 safeguards hematopoietic stem cell properties during mouse and fish development. <i>Cell Reports</i> , 2022, 39, 110957.	6.4	2
29	Shedding light on hematopoietic stem cells: formation, regulation, and utilization. <i>FEBS Letters</i> , 2016, 590, 3963-3964.	2.8	1
30	The EHA Research Roadmap: Normal Hematopoiesis. <i>HemaSphere</i> , 2021, 5, e669.	2.7	1
31	Stem cell reprogramming: blood, neurons, and beyond. <i>FEBS Letters</i> , 2019, 593, 3241-3243.	2.8	0