E Camilla Forsberg

List of Publications by Year in Descending Order

39 papers	4,804 citations	22 h-index	48 g-index
48 ext. papers	5,823 ext. citations	10.9 avg, IF	5.07 L-index

#	Paper	IF	Citations
39	IL7R but not Flk2, is required for hematopoietic stem cell reconstitution of tissue-resident lymphoid cells.. *Development (Cambridge)*, **2022**, 149,	6.6	1
38	New transgenic mouse models enabling pan-hematopoietic or selective hematopoietic stem cell depletion in vivo.. *Scientific Reports*, **2022**, 12, 3156	4.9	0
37	CFU-S assay: a historical single-cell assay that offers modern insight into clonal hematopoiesis. *Experimental Hematology*, **2021**, 104, 1-8	3.1	1
36	Megakaryocyte progenitor cell function is enhanced upon aging despite the functional decline of aged hematopoietic stem cells. *Stem Cell Reports*, **2021**, 16, 1598-1613	8	8
35	Chromatin accessibility maps provide evidence of multilineage gene priming in hematopoietic stem cells. *Epigenetics and Chromatin*, **2021**, 14, 2	5.8	5
34	Acute and endothelial-specific Robo4 deletion affect hematopoietic stem cell trafficking independent of VCAM1. *PLoS ONE*, **2021**, 16, e0255606	3.7	3
33	Interleukin 7 receptor is required for myeloid cell homeostasis and reconstitution by hematopoietic stem cells. *Experimental Hematology*, **2020**, 90, 39-45.e3	3.1	9
32	A quantitative hematopoietic stem cell reconstitution protocol: Accounting for recipient variability, tissue distribution and cell half-lives. *Stem Cell Research*, **2020**, 50, 102145	1.6	3
31	Ubiquitous overexpression of CXCL12 confers radiation protection and enhances mobilization of hematopoietic stem and progenitor cells. *Stem Cells*, **2020**, 38, 1159-1174	5.8	9
30	Clonal and Quantitative In Vivo Assessment of Hematopoietic Stem Cell Differentiation Reveals Strong Erythroid Potential of Multipotent Cells. *Stem Cell Reports*, **2019**, 12, 801-815	8	23
29	Chasing Mavericks: The quest for defining developmental waves of hematopoiesis. *Current Topics in Developmental Biology*, **2019**, 132, 1-29	5.3	8
28	The lymphoid-associated interleukin 7 receptor (IL7R) regulates tissue-resident macrophage development. *Development (Cambridge)*, **2019**, 146,	6.6	26
27	Viagra Enables Efficient, Single-Day Hematopoietic Stem Cell Mobilization. *Stem Cell Reports*, **2019**, 13, 787-792	8	19
26	Improving drug discovery using image-based multiparametric analysis of the epigenetic landscape. *ELife*, **2019**, 8,	8.9	7
25	Tn5Prime, a Tn5 based 5Scapture method for single cell RNA-seq. *Nucleic Acids Research*, **2018**, 46, e62	20.1	25
24	Nanopore long-read RNAseq reveals widespread transcriptional variation among the surface receptors of individual B cells. *Nature Communications*, **2017**, 8, 16027	17.4	217
23	To B1a or not to B1a: do hematopoietic stem cells contribute to tissue-resident immune cells?. *Blood*, **2016**, 128, 2765-2769	2.2	15

22	Hematopoietic stem cell-specific GFP-expressing transgenic mice generated by genetic excision of a pan-hematopoietic reporter gene. *Experimental Hematology*, **2016**, 44, 755-764.e1	3.1	5
21	A Transient Developmental Hematopoietic Stem Cell Gives Rise to Innate-like B and T Cells. *Cell Stem Cell*, **2016**, 19, 768-783	18	79
20	C-Myb(+) erythro-myeloid progenitor-derived fetal monocytes give rise to adult tissue-resident macrophages. *Immunity*, **2015**, 42, 665-78	32.3	618
19	Hematopoietic development at high altitude: blood stem cells put to the test. *Development (Cambridge)*, **2015**, 142, 1728-32	6.6	3
18	Progressive Chromatin Condensation and H3K9 Methylation Regulate the Differentiation of Embryonic and Hematopoietic Stem Cells. *Stem Cell Reports*, **2015**, 5, 728-740	8	79
17	ROBO4-mediated vascular integrity regulates the directionality of hematopoietic stem cell trafficking. *Stem Cell Reports*, **2015**, 4, 255-68	8	39
16	Embryonic and adult-derived resident cardiac macrophages are maintained through distinct mechanisms at steady state and during inflammation. *Immunity*, **2014**, 40, 91-104	32.3	825
15	Replication stress is a potent driver of functional decline in ageing haematopoietic stem cells. *Nature*, **2014**, 512, 198-202	50.4	399
14	Flk2/Flt3 promotes both myeloid and lymphoid development by expanding non-self-renewing multipotent hematopoietic progenitor cells. *Experimental Hematology*, **2014**, 42, 218-229.e4	3.1	47
13	Haematopoietic stem cell niches: new insights inspire new questions. *EMBO Journal*, **2013**, 32, 2535-47	13	52
12	Tissue-resident macrophages self-maintain locally throughout adult life with minimal contribution from circulating monocytes. *Immunity*, **2013**, 38, 792-804	32.3	1352
11	Mapping differentiation pathways from hematopoietic stem cells using Flk2/Flt3 lineage tracing. *Cell Cycle*, **2012**, 11, 3180-8	4.7	29
10	Dynamic expression of the Robo ligand Slit2 in bone marrow cell populations. *Cell Cycle*, **2012**, 11, 675-82	4.7	20
9	Robo4 cooperates with CXCR4 to specify hematopoietic stem cell localization to bone marrow niches. *Cell Stem Cell*, **2011**, 8, 72-83	18	103
8	All hematopoietic cells develop from hematopoietic stem cells through Flk2/Flt3-positive progenitor cells. *Cell Stem Cell*, **2011**, 9, 64-73	18	144
7	Molecular signatures of quiescent, mobilized and leukemia-initiating hematopoietic stem cells. *PLoS ONE*, **2010**, 5, e8785	3.7	96
6	Vascular Robo4 restricts proangiogenic VEGF signaling in breast. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 10520-5	11.5	69
5	The adhesion molecule esam1 is a novel hematopoietic stem cell marker. *Stem Cells*, **2009**, 27, 653-61	5.8	51

4	Hematopoietic stem cells: expression profiling and beyond. *Stem Cell Reviews and Reports*, **2006**, 2, 23-30	6.4	27
3	New evidence supporting megakaryocyte-erythrocyte potential of flk2/flt3+ multipotent hematopoietic progenitors. *Cell*, **2006**, 126, 415-26	56.2	168
2	Differential expression of novel potential regulators in hematopoietic stem cells. *PLoS Genetics*, **2005**, 1, e28	6	217
1	Chromatin Accessibility Maps Provide Evidence of Multilineage Gene Priming in Hematopoietic Stem Cells		2