

# Hanna K A Mikkola

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

39  
papers

3,100  
citations

24  
h-index

43  
g-index

43  
ext. papers

3,561  
ext. citations

14.6  
avg, IF

4.78  
L-index

#	Paper	IF	Citations
39	Mapping human haematopoietic stem cells from haemogenic endothelium to birth.. <i>Nature</i> , <b>2022</b> ,	50.4	4
38	VEGF-C protects the integrity of the bone marrow perivascular niche in mice. <i>Blood</i> , <b>2020</b> , 136, 1871-1883	2.2	14
37	MLL3 governs human haematopoietic stem-cell self-renewal and engraftment. <i>Nature</i> , <b>2019</b> , 576, 281-286	38.4	38
36	Analysis of cardiomyocyte clonal expansion during mouse heart development and injury. <i>Nature Communications</i> , <b>2018</b> , 9, 754	17.4	65
35	Protagonist or antagonist? The complex roles of retinoids in the regulation of hematopoietic stem cells and their specification from pluripotent stem cells. <i>Experimental Hematology</i> , <b>2018</b> , 65, 1-16	3.1	6
34	Genetic Regulation of Fibroblast Activation and Proliferation in Cardiac Fibrosis. <i>Circulation</i> , <b>2018</b> , 138, 1224-1235	16.7	28
33	Hepatic Leukemia Factor Maintains Quiescence of Hematopoietic Stem Cells and Protects the Stem Cell Pool during Regeneration. <i>Cell Reports</i> , <b>2017</b> , 21, 3514-3523	10.6	40
32	LYVE1 Marks the Divergence of Yolk Sac Definitive Hemogenic Endothelium from the Primitive Erythroid Lineage. <i>Cell Reports</i> , <b>2016</b> , 17, 2286-2298	10.6	31
31	Critical requirement of VEGF-C in transition to fetal erythropoiesis. <i>Blood</i> , <b>2016</b> , 128, 710-20	2.2	21
30	Differentiation of human embryonic stem cells to HOXA hemogenic vasculature that resembles the aorta-gonad-mesonephros. <i>Nature Biotechnology</i> , <b>2016</b> , 34, 1168-1179	44.5	96
29	MEF2C protects bone marrow B-lymphoid progenitors during stress haematopoiesis. <i>Nature Communications</i> , <b>2016</b> , 7, 12376	17.4	12
28	Tracking HSC Origin: From Bench to Placenta. <i>Developmental Cell</i> , <b>2016</b> , 36, 479-80	10.2	1
27	Medial HOXA genes demarcate haematopoietic stem cell fate during human development. <i>Nature Cell Biology</i> , <b>2016</b> , 18, 595-606	23.4	50
26	GLI2 inhibition abrogates human leukemia stem cell dormancy. <i>Journal of Translational Medicine</i> , <b>2015</b> , 13, 98	8.5	66
25	The histone methyltransferase activity of MLL1 is dispensable for hematopoiesis and leukemogenesis. <i>Cell Reports</i> , <b>2014</b> , 7, 1239-47	10.6	91
24	Progesterone receptor in the vascular endothelium triggers physiological uterine permeability preimplantation. <i>Cell</i> , <b>2014</b> , 156, 549-62	56.2	49
23	Hematopoietic Stem Cell Development in The Placenta <b>2013</b> , 37-52		

22	In vivo mapping of notch pathway activity in normal and stress hematopoiesis. <i>Cell Stem Cell</i> , <b>2013</b> , 13, 190-204	18	67
21	Haemogenic endocardium contributes to transient definitive haematopoiesis. <i>Nature Communications</i> , <b>2013</b> , 4, 1564	17.4	94
20	Expansion on stromal cells preserves the undifferentiated state of human hematopoietic stem cells despite compromised reconstitution ability. <i>PLoS ONE</i> , <b>2013</b> , 8, e53912	3.7	22
19	Scl represses cardiomyogenesis in prospective hemogenic endothelium and endocardium. <i>Cell</i> , <b>2012</b> , 150, 590-605	56.2	121
18	Trophoblasts regulate the placental hematopoietic niche through PDGF-B signaling. <i>Developmental Cell</i> , <b>2012</b> , 22, 651-9	10.2	39
17	Mef2C Maintains B Cell Homeostasis Through the Regulation of DNA Repair Machinery. <i>Blood</i> , <b>2012</b> , 120, 278-278	2.2	1
16	Return to youth with Sox17. <i>Genes and Development</i> , <b>2011</b> , 25, 1557-62	12.6	5
15	Hematopoietic Stem Cell Development in the Placenta <b>2010</b> , 189-201		
14	Placenta as a newly identified source of hematopoietic stem cells. <i>Current Opinion in Hematology</i> , <b>2010</b> , 17, 313-8	3.3	22
13	The first trimester human placenta is a site for terminal maturation of primitive erythroid cells. <i>Blood</i> , <b>2010</b> , 116, 3321-30	2.2	66
12	Mef2C is a lineage-restricted target of Scl/Tal1 and regulates megakaryopoiesis and B-cell homeostasis. <i>Blood</i> , <b>2009</b> , 113, 3461-71	2.2	40
11	ESAM: adding to the hematopoietic toolbox. <i>Blood</i> , <b>2009</b> , 113, 2871-2	2.2	1
10	The emergence of hematopoietic stem cells is initiated in the placental vasculature in the absence of circulation. <i>Cell Stem Cell</i> , <b>2008</b> , 2, 252-63	18	241
9	Isolation and visualization of mouse placental hematopoietic stem cells. <i>Current Protocols in Stem Cell Biology</i> , <b>2008</b> , Chapter 2, Unit 2A.8.1-2A.8.14	2.8	8
8	The hematopoietic stem cell and its niche: a comparative view. <i>Genes and Development</i> , <b>2007</b> , 21, 3044-60	12.6	163
7	Transcriptional activators, repressors, and epigenetic modifiers controlling hematopoietic stem cell development. <i>Pediatric Research</i> , <b>2006</b> , 59, 33R-9R	3.2	33
6	The journey of developing hematopoietic stem cells. <i>Development (Cambridge)</i> , <b>2006</b> , 133, 3733-44	6.6	376
5	The placenta is a niche for hematopoietic stem cells. <i>Developmental Cell</i> , <b>2005</b> , 8, 365-75	10.2	493

4	Tie2Cre-mediated gene ablation defines the stem-cell leukemia gene (SCL/tal1)-dependent window during hematopoietic stem-cell development. <i>Blood</i> , <b>2005</b> , 105, 3871-4	2.2	86
3	Knockdown of ABCme Impairs Heme Biosynthesis as Revealed by Integrating of RNAi and the LiveCell <sup>®</sup> Array.. <i>Blood</i> , <b>2005</b> , 106, 3732-3732	2.2	
2	Expression of CD41 marks the initiation of definitive hematopoiesis in the mouse embryo. <i>Blood</i> , <b>2003</b> , 101, 508-16	2.2	301
1	Haematopoietic stem cells retain long-term repopulating activity and multipotency in the absence of stem-cell leukaemia SCL/tal-1 gene. <i>Nature</i> , <b>2003</b> , 421, 547-51	50.4	309