Ann C Zovein

List of Publications by Year
in descending order

24 papers	2,716 citations	516215 16 h-index	610482 24 g-index
24 all docs	24 docs citations	24 times ranked	4636 citing authors

#	Article	IF	Citations
1	Fate Tracing Reveals the Endothelial Origin of Hematopoietic Stem Cells. Cell Stem Cell, 2008, 3, 625-636.	5.2	600
2	VE-Cadherin-Cre-recombinase transgenic mouse: A tool for lineage analysis and gene deletion in endothelial cells. Developmental Dynamics, 2006, 235, 759-767.	0.8	391
3	Aperiodic stochastic resonance. Physical Review E, 1996, 54, 5575-5584.	0.8	272
4	Î²1 Integrin Establishes Endothelial Cell Polarity and Arteriolar Lumen Formation via a Par3-Dependent Mechanism. Developmental Cell, 2010, 18, 39-51.	3.1	233
5	Jagged1 in the portal vein mesenchyme regulates intrahepatic bile duct development: insights into Alagille syndrome. Development (Cambridge), 2010, 137, 4061-4072.	1.2	207
6	VE-cadherin-CreERT2transgenic mouse: A model for inducible recombination in the endothelium. Developmental Dynamics, 2006, 235, 3413-3422.	0.8	206
7	NOTCH1 is a mechanosensor in adult arteries. Nature Communications, 2017, 8, 1620.	5.8	205
8	Repression of arterial genes in hemogenic endothelium is sufficient for haematopoietic fate acquisition. Nature Communications, 2015, 6, 7739.	5.8	112
9	Endothelial deletion of murine <i>Jag1</i> leads to valve calcification and congenital heart defects associated with Alagille syndrome. Development (Cambridge), 2012, 139, 4449-4460.	1.2	96
10	Vascular remodeling of the vitelline artery initiates extravascular emergence of hematopoietic clusters. Blood, 2010, 116, 3435-3444.	0.6	68
11	Dll4-Notch signaling determines the formation of native arterial collateral networks and arterial function in mouse ischemia models. Development (Cambridge), 2013, 140, 1720-1729.	1.2	60
12	Hemogenic endothelium: Origins, regulation, and implications for vascular biology. Seminars in Cell and Developmental Biology, 2011, 22, 1036-1047.	2.3	46
13	Polarizing pathways: Balancing endothelial polarity, permeability, and lumen formation. Experimental Cell Research, 2013, 319, 1247-1254.	1.2	45
14	Emergence of hematopoietic stem and progenitor cells involves a Chd1-dependent increase in total nascent transcription. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E1734-43.	3.3	40
15	Impaired Î±VÎ²8 and TGFÎ² signaling lead to microglial dysmaturation and neuromotor dysfunction. Journal of Experimental Medicine, 2019, 216, 900-915.	4.2	35
16	Single-cell resolution of morphological changes in hemogenic endothelium. Development (Cambridge), 2015, 142, 2719-2724.	1.2	30
17	Cell cycle dynamics and complement expression distinguishes mature haematopoietic subsets arising from hemogenic endothelium. Cell Cycle, 2017, 16, 1835-1847.	1.3	16
18	Let-7 microRNA-dependent control of leukotriene signaling regulates the transition of hematopoietic niche in mice. Nature Communications, 2017, 8, 128.	5.8	14

#	Article	IF	Citations
19	From transplantation to transgenics: Mouse models of developmental hematopoiesis. Experimental Hematology, 2014, 42, 707-716.	0.2	12
20	Preeclampsia and Inflammatory Preterm Labor Alter the Human Placental Hematopoietic Niche. Reproductive Sciences, 2016, 23, 1179-1192.	1.1	10
21	Fluorescent tagged episomals for stoichiometric induced pluripotent stem cell reprogramming. Stem Cell Research and Therapy, 2017, 8, 132.	2.4	7
22	My O'Myeloid, a tale of two lineages. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 12959-12960.	3.3	5
23	Hematopoietic development at high altitude: blood stem cells put to the test. Development (Cambridge), 2015, 142, 1728-1732.	1.2	4
24	Time to Cut the Cord: Placental HSCs Grow Up. Cell Stem Cell, 2009, 5, 351-352.	5.2	2