Amber N Stratman

List of Publications by Year in Descending Order

21 papers	1,660 citations	12 h-index	26 g-index
26 ext. papers	2,006 ext. citations	6 avg, IF	4.41 L-index

#	Paper	IF	Citations
21	High-throughput methodology to identify CRISPR-generated Danio rerio mutants using fragment analysis with unmodified PCR products.. *Developmental Biology*, **2022**, 484, 22-22	3.1	0
20	The microenvironment-a general hypothesis on the homeostatic function of extracellular vesicles.. *FASEB BioAdvances*, **2022**, 4, 284-297	2.8	
19	In vivo dissection of Rhoa function in vascular development using zebrafish.. *Angiogenesis*, **2022**, 1	10.6	1
18	The SWELL1-LRRC8 complex regulates endothelial AKT-eNOS signaling and vascular function. *ELife*, **2021**, 10,	8.9	14
17	DIAPH1 Variants in Non-East Asian Patients With Sporadic Moyamoya Disease. *JAMA Neurology*, **2021**, 78, 993-1003	17.2	7
16	Assessment of Vascular Patterning in the Zebrafish. *Methods in Molecular Biology*, **2021**, 2206, 205-222	1.4	1
15	Chemokine mediated signalling within arteries promotes vascular smooth muscle cell recruitment. *Communications Biology*, **2020**, 3, 734	6.7	6
14	Anti-angiogenic effects of VEGF stimulation on endothelium deficient in phosphoinositide recycling. *Nature Communications*, **2020**, 11, 1204	17.4	8
13	Growth Differentiation Factor 6 Promotes Vascular Stability by Restraining Vascular Endothelial Growth Factor Signaling. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2018**, 38, 353-362	9.4	12
12	Consensus guidelines for the use and interpretation of angiogenesis assays. *Angiogenesis*, **2018**, 21, 425-532	10.6	285
11	A novel perivascular cell population in the zebrafish brain. *ELife*, **2017**, 6,	8.9	49
10	Author response: A novel perivascular cell population in the zebrafish brain **2017**,		2
9	Interactions between mural cells and endothelial cells stabilize the developing zebrafish dorsal aorta. *Development (Cambridge)*, **2017**, 144, 115-127	6.6	48
8	CDP-diacylglycerol synthetase-controlled phosphoinositide availability limits VEGFA signaling and vascular morphogenesis. *Blood*, **2012**, 120, 489-98	2.2	34
7	Endothelial cell-pericyte interactions stimulate basement membrane matrix assembly: influence on vascular tube remodeling, maturation, and stabilization. *Microscopy and Microanalysis*, **2012**, 18, 68-80	0.5	147
6	VEGF and FGF prime vascular tube morphogenesis and sprouting directed by hematopoietic stem cell cytokines. *Blood*, **2011**, 117, 3709-19	2.2	96
5	Endothelial-derived PDGF-BB and HB-EGF coordinately regulate pericyte recruitment during vasculogenic tube assembly and stabilization. *Blood*, **2010**, 116, 4720-30	2.2	200

List of Publications

4	Endothelial cell lumen and vascular guidance tunnel formation requires MT1-MMP-dependent proteolysis in 3-dimensional collagen matrices. *Blood*, **2009**, 114, 237-47	2.2	182
3	Pericyte recruitment during vasculogenic tube assembly stimulates endothelial basement membrane matrix formation. *Blood*, **2009**, 114, 5091-101	2.2	408
2	In vitro three dimensional collagen matrix models of endothelial lumen formation during vasculogenesis and angiogenesis. *Methods in Enzymology*, **2008**, 443, 83-101	1.7	159
1	A Molecular Pathway for Arterial-Specific Association of Vascular Smooth Muscle Cells		1