

Eileen M Redmond

List of Publications by Year in Descending Order

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Version: 2024-04-28

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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.

73
papers

2,783
citations

33
h-index

51
g-index

80
ext. papers

3,068
ext. citations

5.9
avg, IF

4.95
L-index

#	Paper	IF	Citations
73	Disease-Relevant Single Cell Photonic Signatures Identify S100 β Stem Cells and their Myogenic Progeny in Vascular Lesions. <i>Stem Cell Reviews and Reports</i> , 2021 , 17, 1713-1740	7.3	0
72	The calcium binding protein S100 β marks hedgehog-responsive resident vascular stem cells within vascular lesions. <i>Npj Regenerative Medicine</i> , 2021 , 6, 10	15.8	0
71	Moderate dose alcohol protects against serum amyloid protein A1-induced endothelial dysfunction via both notch-dependent and notch-independent pathways. <i>Alcoholism: Clinical and Experimental Research</i> , 2021 , 45, 2217-2230	3.7	2
70	Moderate Alcohol Consumption Targets S100 β Vascular Stem Cells and Attenuates Injury-Induced Neointimal Hyperplasia. <i>Alcoholism: Clinical and Experimental Research</i> , 2020 , 44, 1734-1746	3.7	1
69	Reactive Oxygen Species (ROS), Intimal Thickening, and Subclinical Atherosclerotic Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2019 , 6, 89	5.4	40
68	Label-Free Multi Parameter Optical Interrogation of Endothelial Activation in Single Cells using a Lab on a Disc Platform. <i>Scientific Reports</i> , 2019 , 9, 4157	4.9	2
67	Differential effects of alcohol and its metabolite acetaldehyde on vascular smooth muscle cell Notch signaling and growth. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018 , 314, H131-H137	5.2	3
66	Alcohol Reduces Arterial Remodeling by Inhibiting Sonic Hedgehog-Stimulated Stem Cell Antigen-1 Positive Progenitor Stem Cell Expansion. <i>Alcoholism: Clinical and Experimental Research</i> , 2017 , 41, 2051-2065	3.7	8
65	Nox, Reactive Oxygen Species and Regulation of Vascular Cell Fate. <i>Antioxidants</i> , 2017 , 6,	7.1	66
64	Vascular endothelium - Gatekeeper of vessel health. <i>Atherosclerosis</i> , 2016 , 248, 97-109	3.1	262
63	Bile Salts at Low pH Cause Dilation of Intercellular Spaces in In Vitro Stratified Primary Esophageal Cells, Possibly by Modulating Wnt Signaling. <i>Journal of Gastrointestinal Surgery</i> , 2016 , 20, 500-9	3.3	9
62	Differential expression of Hedgehog/Notch and transforming growth factor- β in human abdominal aortic aneurysms. <i>Journal of Vascular Surgery</i> , 2015 , 62, 464-70	3.5	25
61	Ethanol inhibits β secretase proteolytic activity in vascular smooth muscle cells. <i>Alcoholism: Clinical and Experimental Research</i> , 2015 , 39, 2115-22	3.7	7
60	Hedgehog and Resident Vascular Stem Cell Fate. <i>Stem Cells International</i> , 2015 , 2015, 468428	5	16
59	Adult vascular smooth muscle cells in culture express neural stem cell markers typical of resident multipotent vascular stem cells. <i>Cell and Tissue Research</i> , 2014 , 358, 203-16	4.2	14
58	Flk-1/KDR mediates ethanol-stimulated endothelial cell Notch signaling and angiogenic activity. <i>Journal of Vascular Research</i> , 2014 , 51, 315-24	1.9	14
57	Glucose attenuates hypoxia-induced changes in endothelial cell growth by inhibiting HIF-1 α expression. <i>Diabetes and Vascular Disease Research</i> , 2014 , 11, 270-280	3.3	13

56	Embryonic rat vascular smooth muscle cells revisited - a model for neonatal, neointimal SMC or differentiated vascular stem cells?. <i>Vascular Cell</i> , 2014 , 6, 6	1	19
55	Perivascular delivery of Notch 1 siRNA inhibits injury-induced arterial remodeling. <i>PLoS ONE</i> , 2014 , 9, e84122	3.7	20
54	Inhibition of patched-1 prevents injury-induced neointimal hyperplasia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 1960-4	9.4	16
53	Hemodynamic Control of Vascular Smooth Muscle Function 2012 , 1231-1242		2
52	Alcohol and cardiovascular disease--modulation of vascular cell function. <i>Nutrients</i> , 2012 , 4, 297-318	6.7	33
51	Differential effects of daily-moderate versus weekend-binge alcohol consumption on atherosclerotic plaque development in mice. <i>Atherosclerosis</i> , 2011 , 219, 448-54	3.1	31
50	Glycogen synthase kinase 3 beta positively regulates Notch signaling in vascular smooth muscle cells: role in cell proliferation and survival. <i>Basic Research in Cardiology</i> , 2011 , 106, 773-85	11.8	41
49	Heat shock protein 27 differentiates tolerogenic macrophages that may support human breast cancer progression. <i>Cancer Research</i> , 2011 , 71, 318-27	10.1	72
48	Endothelial Grb2-associated binder 1 is crucial for postnatal angiogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 1016-23	9.4	25
47	Microvascular retinal endothelial and pericyte cell apoptosis in vitro: role of hedgehog and Notch signaling 2011 , 52, 4472-83		29
46	Investigational Notch and Hedgehog inhibitors--therapies for cardiovascular disease. <i>Expert Opinion on Investigational Drugs</i> , 2011 , 20, 1649-64	5.9	10
45	Alcohol inhibits smooth muscle cell proliferation via regulation of the Notch signaling pathway. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010 , 30, 2597-603	9.4	26
44	Sonic Hedgehog induces Notch target gene expression in vascular smooth muscle cells via VEGF-A. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 1112-8	9.4	52
43	Acetaldehyde stimulates monocyte adhesion in a P-selectin- and TNFalpha-dependent manner. <i>Atherosclerosis</i> , 2009 , 204, 372-80	3.1	14
42	Ethanol stimulates endothelial cell angiogenic activity via a Notch- and angiopoietin-1-dependent pathway. <i>Cardiovascular Research</i> , 2008 , 79, 313-21	9.9	43
41	Notch and vascular smooth muscle cell phenotype. <i>Circulation Research</i> , 2008 , 103, 1370-82	15.7	106
40	Biomechanical regulation of hedgehog signaling in vascular smooth muscle cells in vitro and in vivo. <i>American Journal of Physiology - Cell Physiology</i> , 2007 , 292, C488-96	5.4	39
39	Cyclic strain regulates the Notch/CBF-1 signaling pathway in endothelial cells: role in angiogenic activity. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007 , 27, 1289-96	9.4	52

38	Resveratrol, a polyphenolic phytoestrogen, inhibits endothelial monocyte chemoattractant protein-1 synthesis and secretion. <i>Journal of Vascular Research</i> , 2007 , 44, 75-84	1.9	30
37	Cyclic strain-mediated matrix metalloproteinase regulation within the vascular endothelium: a force to be reckoned with. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007 , 292, H28-42	5.2	64
36	Resveratrol inhibits expression and binding activity of the monocyte chemoattractant protein-1 receptor, CCR2, on THP-1 monocytes. <i>Atherosclerosis</i> , 2007 , 195, e125-33	3.1	37
35	Cyclic strain-mediated regulation of vascular endothelial cell migration and tube formation. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 329, 573-82	3.4	76
34	Ethanol inhibits monocyte chemoattractant protein-1 expression in interleukin-1 β -activated human endothelial cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005 , 289, H1669-75	5.2	16
33	Ethanol inhibits pulse pressure-induced vascular smooth muscle cell migration by differentially modulating plasminogen activator inhibitor type 1, matrix metalloproteinase-2 and -9. <i>Thrombosis and Haemostasis</i> , 2005 , 94, 639-45	7	11
32	Cyclic strain inhibits Notch receptor signaling in vascular smooth muscle cells in vitro. <i>Circulation Research</i> , 2005 , 96, 567-75	15.7	118
31	Notch-mediated CBF-1/RBP-J κ -dependent regulation of human vascular smooth muscle cell phenotype in vitro. <i>American Journal of Physiology - Cell Physiology</i> , 2005 , 289, C1188-96	5.4	90
30	Notch 1 and 3 receptor signaling modulates vascular smooth muscle cell growth, apoptosis, and migration via a CBF-1/RBP-J κ dependent pathway. <i>FASEB Journal</i> , 2004 , 18, 1421-3	0.9	111
29	Pulse pressure-induced transmural fluid flux increases bovine aortic smooth muscle cell apoptosis in a mitogen activated protein kinase dependent manner. <i>Journal of Vascular Research</i> , 2004 , 41, 364-74	1.9	13
28	Cyclic strain-mediated regulation of endothelial matrix metalloproteinase-2 expression and activity. <i>Cardiovascular Research</i> , 2004 , 63, 625-34	9.9	55
27	Cyclic strain-induced endothelial MMP-2: role in vascular smooth muscle cell migration. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 320, 325-33	3.4	19
26	Plasminogen activator inhibitor-1 deficiency enhances flow-induced smooth muscle cell migration. <i>Thrombosis Research</i> , 2004 , 114, 57-65	8.2	13
25	Eicosanoids in cirrhosis and portal hypertension. <i>Prostaglandins and Other Lipid Mediators</i> , 2003 , 72, 3-18	3.7	20
24	The role of nitric oxide synthase isoforms in extrahepatic portal hypertension: studies in gene-knockout mice. <i>Gastroenterology</i> , 2003 , 124, 1500-8	13.3	53
23	Ethanol differentially modulates the expression and activity of cell cycle regulatory proteins in rat aortic smooth muscle cells. <i>European Journal of Pharmacology</i> , 2002 , 445, 163-70	5.3	7
22	Pulsatile flow-induced angiogenesis: role of G(i) subunits. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002 , 22, 1610-6	9.4	47
21	Endothelial dysfunction in cirrhosis and portal hypertension 2001 , 89, 273-93		89

20	Endothelial cells inhibit flow-induced smooth muscle cell migration: role of plasminogen activator inhibitor-1. <i>Circulation</i> , 2001 , 103, 597-603	16.7	81
19	Potential mechanisms for cardiovascular protective effect of ethanol. <i>Acta Pharmacologica Sinica</i> , 2000 , 21, 385-90	8	9
18	Phenotype dictates the growth response of vascular smooth muscle cells to pulse pressure in vitro. <i>Experimental Cell Research</i> , 1999 , 250, 174-86	4.2	35
17	Sustained pulsatile flow regulates endothelial nitric oxide synthase and cyclooxygenase expression in co-cultured vascular endothelial and smooth muscle cells. <i>Journal of Molecular and Cellular Cardiology</i> , 1999 , 31, 619-29	5.8	56
16	Ethanol inhibits basal and flow-induced vascular smooth muscle cell migration in vitro. <i>Journal of Surgical Research</i> , 1999 , 84, 64-70	2.5	19
15	Ethanol inhibits mitogen activated protein kinase activity and growth of vascular smooth muscle cells in vitro. <i>European Journal of Pharmacology</i> , 1998 , 362, 251-9	5.3	34
14	Enhanced cyclooxygenase-1 expression within the superior mesenteric artery of portal hypertensive rats: role in the hyperdynamic circulation. <i>Hepatology</i> , 1998 , 27, 20-7	11.2	49
13	Increased expression of endothelin receptors in the vasculature of portal hypertensive rats: role in splanchnic hemodynamics. <i>Hepatology</i> , 1998 , 28, 396-403	11.2	41
12	Non-anticoagulant heparin increases endothelial nitric oxide synthase activity: role of inhibitory guanine nucleotide proteins. <i>Journal of Molecular and Cellular Cardiology</i> , 1998 , 30, 2669-82	5.8	23
11	Flow-mediated regulation of G-protein expression in cocultured vascular smooth muscle and endothelial cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1998 , 18, 75-83	9.4	34
10	Flow-mediated regulation of endothelin receptors in cocultured vascular smooth muscle cells: an endothelium-dependent effect. <i>Journal of Vascular Research</i> , 1997 , 34, 425-35	1.9	31
9	Regulation of atrial natriuretic factor receptors in portal hypertensive rabbits. <i>Journal of Hepatology</i> , 1996 , 24, 185-93	13.4	4
8	Increased endothelial nitric oxide synthase activity in the hyperemic vessels of portal hypertensive rats. <i>Journal of Hepatology</i> , 1996 , 25, 370-8	13.4	108
7	Regulation of endothelin receptors by nitric oxide in cultured rat vascular smooth muscle cells. <i>Journal of Cellular Physiology</i> , 1996 , 166, 469-79	7	59
6	Perfused transcapillary smooth muscle and endothelial cell co-culture--a novel in vitro model. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 1995 , 31, 601-9	2.6	56
5	Nitric oxide regulates angiotensin II receptors in vascular smooth muscle cells. <i>European Journal of Pharmacology</i> , 1995 , 288, 219-29		61
4	Enhanced nitric oxide synthase activity in portal hypertensive rabbits. <i>Hepatology</i> , 1995 , 22, 598-606	11.2	76
3	The ANF-C receptor is not linked to adenylyl cyclase inhibition in bovine pulmonary artery endothelial cells. <i>Life Sciences</i> , 1992 , 51, 1439-44	6.8	3

- 2 Atrial natriuretic factor recognizes two receptor subtypes in endothelial cells cultured from bovine pulmonary artery. *FEBS Letters*, **1990**, 269, 157-62 3.8 18
- 1 Pathogenetic Mechanisms in A lagille Syndrome1-10