

Alicia N Lyle

List of Publications by Citations

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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.

21
papers

1,271
citations

16
h-index

23
g-index

23
ext. papers

1,461
ext. citations

6.9
avg, IF

4.55
L-index

#	Paper	IF	Citations
21	Poldip2, a novel regulator of Nox4 and cytoskeletal integrity in vascular smooth muscle cells. <i>Circulation Research</i> , 2009 , 105, 249-59	15.7	329
20	Modulation of vascular smooth muscle signaling by reactive oxygen species. <i>Physiology</i> , 2006 , 21, 269-80	9.8	190
19	Cellular encapsulation enhances cardiac repair. <i>Journal of the American Heart Association</i> , 2013 , 2, e000367		107
18	Angiotensin II-induced hypertrophy is potentiated in mice overexpressing p22phox in vascular smooth muscle. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005 , 288, H37-42	5.2	85
17	NADPH oxidase 4 mediates TGF- β -induced smooth muscle β -actin via p38MAPK and serum response factor. <i>Free Radical Biology and Medicine</i> , 2011 , 50, 354-62	7.8	76
16	Killing Me Unsoftly: Causes and Mechanisms of Arterial Stiffness. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017 , 37, e1-e11	9.4	72
15	Osteopontin in Vascular Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019 , 39, 613-622	9.4	62
14	CD163 interacts with TWEAK to regulate tissue regeneration after ischaemic injury. <i>Nature Communications</i> , 2015 , 6, 7792	17.4	58
13	NOX4-derived reactive oxygen species limit fibrosis and inhibit proliferation of vascular smooth muscle cells in diabetic atherosclerosis. <i>Free Radical Biology and Medicine</i> , 2016 , 97, 556-567	7.8	45
12	Poldip2 controls vascular smooth muscle cell migration by regulating focal adhesion turnover and force polarization. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014 , 307, H945-57	5.2	41
11	Specificity of olfactory receptor interactions with other G protein-coupled receptors. <i>Journal of Biological Chemistry</i> , 2007 , 282, 19042-51	5.4	35
10	Reactive oxygen species regulate osteopontin expression in a murine model of postischemic neovascularization. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012 , 32, 1383-91	9.4	34
9	miR181a protects against angiotensin II-induced osteopontin expression in vascular smooth muscle cells. <i>Atherosclerosis</i> , 2013 , 228, 168-74	3.1	27
8	A Novel Technique for Accelerated Culture of Murine Mesenchymal Stem Cells that Allows for Sustained Multipotency. <i>Scientific Reports</i> , 2017 , 7, 13334	4.9	23
7	Progesterone protects endothelial cells after cerebrovascular occlusion by decreasing MCP-1- and CXCL1-mediated macrophage infiltration. <i>Experimental Neurology</i> , 2015 , 271, 401-8	5.7	23
6	Hydrogen peroxide regulates osteopontin expression through activation of transcriptional and translational pathways. <i>Journal of Biological Chemistry</i> , 2014 , 289, 275-85	5.4	20
5	Osteopontin isoforms differentially promote arteriogenesis in response to ischemia via macrophage accumulation and survival. <i>Laboratory Investigation</i> , 2019 , 99, 331-345	5.9	8

4	Smooth Muscle-Targeted Overexpression of Peroxisome Proliferator Activated Receptor- α Disrupts Vascular Wall Structure and Function. <i>PLoS ONE</i> , 2015 , 10, e0139756	3-7	8
3	Cyclic Strain and Hypertension Increase Osteopontin Expression in the Aorta. <i>Cellular and Molecular Bioengineering</i> , 2017 , 10, 144-152	3-9	7
2	NADPH Oxidases and Measurement of Reactive Oxygen Species. <i>Methods in Molecular Biology</i> , 2017 , 1527, 219-232	1-4	6
1	Impaired Collateral Vessel Formation in Sickle Cell Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018 , 38, 1125-1133	9-4	4