

Pooneh Bagher

List of Publications by Citations

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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.

19
papers

285
citations

7
h-index

16
g-index

21
ext. papers

325
ext. citations

4.6
avg, IF

2.92
L-index

#	Paper	IF	Citations
19	Low intravascular pressure activates endothelial cell TRPV4 channels, local Ca ²⁺ events, and IKCa channels, reducing arteriolar tone. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 18174-9	11.5	143
18	Voltage-dependent Ca entry into smooth muscle during contraction promotes endothelium-mediated feedback vasodilation in arterioles. <i>Science Signaling</i> , 2017 , 10,	8.8	44
17	Methodological and statistical techniques: what do residents really need to know about statistics?. <i>Journal of Medical Systems</i> , 2003 , 27, 233-8	5.1	26
16	β-integrin is essential for vasoregulation and smooth muscle survival in vivo. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 2325-35	9.4	15
15	Intravital macrozoom imaging and automated analysis of endothelial cell calcium signals coincident with arteriolar dilation in Cx40(BAC) -GCaMP2 transgenic mice. <i>Microcirculation</i> , 2011 , 18, 331-8	2.9	13
14	Evidence for impaired neurovascular transmission in a murine model of Duchenne muscular dystrophy. <i>Journal of Applied Physiology</i> , 2011 , 110, 601-9	3.7	13
13	Characterization of Mahogunin Ring Finger-1 expression in mice. <i>Pigment Cell & Melanoma Research</i> , 2006 , 19, 635-43		12
12	VEGF-A inhibits agonist-mediated Ca responses and activation of IK channels in mouse resistance artery endothelial cells. <i>Journal of Physiology</i> , 2018 , 596, 3553-3566	3.9	6
11	Morphological and pharmacological characterization of the porcine popliteal artery: A novel model for study of lower limb arterial disease. <i>Microcirculation</i> , 2019 , 26, e12527	2.9	3
10	Scaffolding builds to reduce blood pressure. <i>Science Signaling</i> , 2014 , 7, pe16	8.8	3
9	Regulation of myoendothelial junction formation: bridging the gap. <i>Circulation Research</i> , 2010 , 106, 1014-57	4.57	3
8	Microvascular dysfunction and kidney disease: Challenges and opportunities?. <i>Microcirculation</i> , 2021 , 28, e12661	2.9	2
7	Alpha-1 Adrenergic Receptor Subtype Distribution in Small Resistance Arteries from Mouse and Rat. <i>FASEB Journal</i> , 2015 , 29, 793.2	0.9	1
6	Ifetroban reduces coronary artery dysfunction in a mouse model of Duchenne muscular dystrophy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021 , 321, H52-H58	5.2	0
5	Ca ²⁺ Influx Through Vascular Smooth Muscle Cell Voltage-Gated Ca ²⁺ Channels Increases Endothelial Cell Ca ²⁺ to Evoke Vasodilation. <i>FASEB Journal</i> , 2015 , 29, 795.4	0.9	
4	Endogenous Acetylcholine Detected by Changes in [Ca ²⁺] _i Within Isolated Endothelial Cell Tubes. <i>FASEB Journal</i> , 2015 , 29, 793.3	0.9	
3	A novel approach for imaging calcium events simultaneously in arteriolar vascular smooth muscle and endothelial cells. <i>FASEB Journal</i> , 2012 , 26, 676.6	0.9	

- 2 A novel role for spontaneous endothelial cell calcium activity in the vascular myogenic response. *FASEB Journal*, **2013**, 27, 924.3 0.9
- 1 The non-neuronal cholinergic system: sources of vascular ACh. *FASEB Journal*, **2013**, 27, 878.4 0.9