Erika M Boerman

List of Publications by Year in Descending Order

21 papers	477 citations	10 h-index	21 g-index
22 ext. papers	600 ext. citations	3.8 avg, IF	4.14 L-index

#	Paper	IF	Citations
21	Differential hyperpolarization to substance P and calcitonin gene-related peptide in smooth muscle versus endothelium of mouse mesenteric artery. *Microcirculation*, **2021**, 28, e12733	2.9	2
20	Role of perivascular nerve and sensory neurotransmitter dysfunction in inflammatory bowel disease. *American Journal of Physiology - Heart and Circulatory Physiology*, **2021**, 320, H1887-H1902	5.2	2
19	Aging alters spontaneous and neurotransmitter-mediated Ca signaling in smooth muscle cells of mouse mesenteric arteries. *Microcirculation*, **2020**, 27, e12607	2.9	1
18	Neuropeptide Y and Pial Artery Vasomotor Control: An Ordered Affair. *FASEB Journal*, **2020**, 34, 1-1	0.9	
17	Macrophage Depletion Reverses Impaired Sympathetic Vasoconstriction and Sensory Vasodilation of Mesenteric Arteries from IL-10−/− Mice with Inflammatory Bowel Disease. *FASEB Journal*, **2019**, 33, 523.8	0.9	
16	Gene expression profiles of ion channels and receptors in mouse resistance arteries: Effects of cell type, vascular bed, and age. *Microcirculation*, **2018**, 25, e12452	2.9	4
15	Voltage-gated Ca channel activity modulates smooth muscle cell calcium waves in hamster cremaster arterioles. *American Journal of Physiology - Heart and Circulatory Physiology*, **2018**, 315, H871-H878	5.2	6
14	Smooth Muscle Ion Channels and Regulation of Vascular Tone in Resistance Arteries and Arterioles. *Comprehensive Physiology*, **2017**, 7, 485-581	7.7	138
13	Regional heterogeneity in the mechanisms of myogenic tone in hamster arterioles. *American Journal of Physiology - Heart and Circulatory Physiology*, **2017**, 313, H667-H675	5.2	8
12	Depressed perivascular sensory innervation of mouse mesenteric arteries with advanced age. *Journal of Physiology*, **2016**, 594, 2323-38	3.9	18
11	Advanced age decreases local calcium signaling in endothelium of mouse mesenteric arteries in vivo. *American Journal of Physiology - Heart and Circulatory Physiology*, **2016**, 310, H1091-6	5.2	26
10	Advanced age protects microvascular endothelium from aberrant Ca(2+) influx and cell death induced by hydrogen peroxide. *Journal of Physiology*, **2015**, 593, 2155-69	3.9	26
9	Aging increases capacitance and spontaneous transient outward current amplitude of smooth muscle cells from murine superior epigastric arteries. *American Journal of Physiology - Heart and Circulatory Physiology*, **2014**, 306, H1512-24	5.2	13
8	Aging impairs electrical conduction along endothelium of resistance arteries through enhanced Ca2+-activated K+ channel activation. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2013**, 33, 1892-901	6.4	58
7	Perivascular innervation: a multiplicity of roles in vasomotor control and myoendothelial signaling. *Microcirculation*, **2013**, 20, 217-38	2.9	58
6	Ageing alters perivascular nerve function of mouse mesenteric arteries in vivo. *Journal of Physiology*, **2013**, 591, 1251-63	3.9	19
5	Function and expression of ryanodine receptors and inositol 1,4,5-trisphosphate receptors in smooth muscle cells of murine feed arteries and arterioles. *Journal of Physiology*, **2012**, 590, 1849-69	3.9	46

4	Differences in expression and function of ryanodine receptors between arteries and arterioles in the mouse. *FASEB Journal*, **2010**, 24, 777.5	0.9	
3	IP3 receptors, but not ryanodine receptors mediate subsarcolemmal Ca2+ oscillations in arteriolar smooth muscle cells. *FASEB Journal*, **2009**, 23, 767.3	0.9	
2	Smooth muscle alpha1D-adrenoceptors mediate phenylephrine-induced vasoconstriction and increases in endothelial cell Ca2+ in hamster cremaster arterioles. *British Journal of Pharmacology*, **2008**, 155, 514-24	8.6	52
1	Smooth muscle 1D-adrenoreceptors mediate phenylephrine-induced endothelial Ca2+ transients in hamster cremaster arterioles. *FASEB Journal*, **2008**, 22, 1149.4	0.9	