

Steven S Segal

List of Publications by Year in descending order

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140
papers

5,742
citations

66234

42
h-index

82410

72
g-index

163
all docs

163
docs citations

163
times ranked

3966
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation of Blood Flow in the Microcirculation. <i>Microcirculation</i> , 2005, 12, 33-45.	1.0	437
2	Electrical Coupling Between Endothelial Cells and Smooth Muscle Cells in Hamster Feed Arteries. <i>Circulation Research</i> , 2000, 87, 474-479.	2.0	275
3	Endothelial Cell Pathway for Conduction of Hyperpolarization and Vasodilation Along Hamster Feed Artery. <i>Circulation Research</i> , 2000, 86, 94-100.	2.0	222
4	Neural control of muscle blood flow during exercise. <i>Journal of Applied Physiology</i> , 2004, 97, 731-738.	1.2	207
5	A macroporous hydrogel for the coculture of neural progenitor and endothelial cells to form functional vascular networks in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 2512-2517.	3.3	196
6	Propagated Endothelial Ca ²⁺ Waves and Arteriolar Dilation In Vivo. <i>Circulation Research</i> , 2007, 101, 1300-1309.	2.0	186
7	Intravenous Hemostat: Nanotechnology to Halt Bleeding. <i>Science Translational Medicine</i> , 2009, 1, 11ra22.	5.8	162
8	Endothelial and smooth muscle cell conduction in arterioles controlling blood flow. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1998, 274, H178-H186.	1.5	159
9	Innate control of adaptive immunity via remodeling of lymph node feed arteriole. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 16315-16320.	3.3	141
10	Role for endothelial cell conduction in ascending vasodilatation and exercise hyperaemia in hamster skeletal muscle. <i>Journal of Physiology</i> , 2001, 536, 937-946.	1.3	127
11	Connexin expression and conducted vasodilation along arteriolar endothelium in mouse skeletal muscle. <i>Journal of Applied Physiology</i> , 2004, 97, 1152-1158.	1.2	115
12	Expression of homocellular and heterocellular gap junctions in hamster arterioles and feed arteries. <i>Cardiovascular Research</i> , 2003, 60, 643-653.	1.8	106
13	Spread of vasodilatation and vasoconstriction along feed arteries and arterioles of hamster skeletal muscle. <i>Journal of Physiology</i> , 1999, 516, 283-291.	1.3	103
14	Defining electrical communication in skeletal muscle resistance arteries: a computational approach. <i>Journal of Physiology</i> , 2005, 568, 267-281.	1.3	103
15	Electrical activation of endothelium evokes vasodilation and hyperpolarization along hamster feed arteries. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001, 280, H160-H167.	1.5	97
16	Conduction of hyperpolarization along hamster feed arteries: augmentation by acetylcholine. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002, 283, H102-H109.	1.5	93
17	Interaction between sympathetic nerve activation and muscle fibre contraction in resistance vessels of hamster retractor muscle. <i>Journal of Physiology</i> , 2003, 550, 563-574.	1.3	91
18	Homocellular Conduction Along Endothelium and Smooth Muscle of Arterioles in Hamster Cheek Pouch. <i>Circulation Research</i> , 2003, 93, 61-68.	2.0	90

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19	Codistribution of NOS and caveolin throughout peripheral vasculature and skeletal muscle of hamsters. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1999, 277, H1167-H1177.	1.5	86
20	Vasomotor control in arterioles of the mouse cremaster muscle. <i>FASEB Journal</i> , 2000, 14, 197-207.	0.2	84
21	Arteriolar network architecture and vasomotor function with ageing in mouse gluteus maximus muscle. <i>Journal of Physiology</i> , 2004, 561, 535-545.	1.3	83
22	Resolution of smooth muscle and endothelial pathways for conduction along hamster cheek pouch arterioles. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000, 278, H604-H612.	1.5	77
23	Perivascular Innervation: A Multiplicity of Roles in Vasomotor Control and Myoendothelial Signaling. <i>Microcirculation</i> , 2013, 20, 217-238.	1.0	77
24	Electromechanical and pharmacomechanical signalling pathways for conducted vasodilatation along endothelium of hamster feed arteries. <i>Journal of Physiology</i> , 2007, 579, 175-186.	1.3	76
25	Rapid dilation of arterioles with single contraction of hamster skeletal muscle. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006, 290, H119-H127.	1.5	74
26	Aging Impairs Electrical Conduction Along Endothelium of Resistance Arteries Through Enhanced Ca ²⁺ -Activated K ⁺ Channel Activation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 1892-1901.	1.1	69
27	Tuning Electrical Conduction Along Endothelial Tubes of Resistance Arteries Through Ca ²⁺ -Activated K ⁺ Channels. <i>Circulation Research</i> , 2012, 110, 1311-1321.	2.0	68
28	Integration and Modulation of Intercellular Signaling Underlying Blood Flow Control. <i>Journal of Vascular Research</i> , 2015, 52, 136-157.	0.6	63
29	Simulation of motor unit recruitment and microvascular unit perfusion: spatial considerations. <i>Journal of Applied Physiology</i> , 1997, 83, 1223-1234.	1.2	60
30	Temporal Events Underlying Arterial Remodeling After Chronic Flow Reduction in Mice. <i>Circulation Research</i> , 2000, 86, 1160-1166.	2.0	60
31	Blunting of rapid onset vasodilatation and blood flow restriction in arterioles of exercising skeletal muscle with ageing in male mice. <i>Journal of Physiology</i> , 2010, 588, 2269-2282.	1.3	59
32	Interaction Between Conducted Vasodilation and Sympathetic Nerve Activation in Arterioles of Hamster Striated Muscle. <i>Circulation Research</i> , 1995, 76, 885-891.	2.0	57
33	Oxygen induces electromechanical coupling in arteriolar smooth muscle cells: a role for L-type Ca ²⁺ channels. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1998, 274, H2018-H2024.	1.5	55
34	Effect of motor unit recruitment on functional vasodilatation in hamster retractor muscle. <i>Journal of Physiology</i> , 2000, 524, 267-278.	1.3	55
35	Function and expression of ryanodine receptors and inositol 1,4,5-trisphosphate receptors in smooth muscle cells of murine feed arteries and arterioles. <i>Journal of Physiology</i> , 2012, 590, 1849-1869.	1.3	55
36	Role of EDHF in conduction of vasodilation along hamster cheek pouch arterioles in vivo. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000, 278, H1832-H1839.	1.5	54

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37	Electrical conduction along endothelial cell tubes from mouse feed arteries: confounding actions of glycyrrhetic acid derivatives. <i>British Journal of Pharmacology</i> , 2012, 166, 774-787.	2.7	53
38	Muscle Length Directs Sympathetic Nerve Activity and Vasomotor Tone in Resistance Vessels of Hamster Retractor. <i>Circulation Research</i> , 1996, 79, 551-559.	2.0	53
39	Propagation of calcium waves along endothelium of hamster feed arteries. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 292, H1634-H1640.	1.5	52
40	Barium chloride injures myofibers through calcium-induced proteolysis with fragmentation of motor nerves and microvessels. <i>Skeletal Muscle</i> , 2019, 9, 27.	1.9	49
41	Connexin Isoform Expression in Smooth Muscle Cells and Endothelial Cells of Hamster Cheek Pouch Arterioles and Retractor Feed Arteries. <i>Microcirculation</i> , 2008, 15, 503-514.	1.0	48
42	Alignment of microvascular units along skeletal muscle fibers of hamster retractor. <i>Journal of Applied Physiology</i> , 1997, 82, 42-48.	1.2	47
43	Contribution of Active Membrane Processes to Conducted Hyperpolarization in Arterioles of Hamster Cheek Pouch. <i>Microcirculation</i> , 2004, 11, 425-433.	1.0	45
44	Electrophysiological Basis of Arteriolar Vasomotion in vivo. <i>Journal of Vascular Research</i> , 2000, 37, 568-575.	0.6	44
45	Spreading the signal for vasodilatation: implications for skeletal muscle blood flow control and the effects of ageing. <i>Journal of Physiology</i> , 2012, 590, 6277-6284.	1.3	42
46	VEGF-A and Semaphorin3A: Modulators of vascular sympathetic innervation. <i>Developmental Biology</i> , 2009, 334, 119-132.	0.9	38
47	Sympathetic neural inhibition of conducted vasodilatation along hamster feed arteries: complementary effects of $\hat{1}\pm 1$ - and $\hat{1}\pm 2$ -adrenoreceptor activation. <i>Journal of Physiology</i> , 2005, 563, 541-555.	1.3	37
48	Regional heterogeneity of $\hat{1}\pm$ -adrenoreceptor subtypes in arteriolar networks of mouse skeletal muscle. <i>Journal of Physiology</i> , 2010, 588, 4261-4274.	1.3	36
49	Regional activation of rapid onset vasodilatation in mouse skeletal muscle: regulation through $\hat{1}\pm$ -adrenoreceptors. <i>Journal of Physiology</i> , 2010, 588, 3321-3331.	1.3	35
50	The Mouse Cremaster Muscle Preparation for Intravital Imaging of the Microcirculation. <i>Journal of Visualized Experiments</i> , 2011, , .	0.2	35
51	Membrane potential governs calcium influx into microvascular endothelium: integral role for muscarinic receptor activation. <i>Journal of Physiology</i> , 2015, 593, 4531-4548.	1.3	35
52	Calcium and electrical dynamics in lymphatic endothelium. <i>Journal of Physiology</i> , 2017, 595, 7347-7368.	1.3	35
53	Temperature effects on morphological integrity and Ca^{2+} signaling in freshly isolated murine feed artery endothelial cell tubes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 301, H773-H783.	1.5	31
54	Advanced age decreases local calcium signaling in endothelium of mouse mesenteric arteries in vivo. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 310, H1091-H1096.	1.5	30

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55	Aging alters reactivity of microvascular resistance networks in mouse gluteus maximus muscle. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 307, H830-H839.	1.5	29
56	Advanced age protects microvascular endothelium from aberrant Ca ²⁺ influx and cell death induced by hydrogen peroxide. <i>Journal of Physiology</i> , 2015, 593, 2155-2169.	1.3	29
57	Microvascular architecture in rat soleus and extensor digitorum longus muscles. <i>Microvascular Research</i> , 1992, 43, 192-204.	1.1	28
58	Histamine inhibits conducted vasodilation through endothelium-derived NO production in arterioles of mouse skeletal muscle. <i>FASEB Journal</i> , 2004, 18, 280-286.	0.2	28
59	Arteriolar smooth muscle Ca ²⁺ dynamics during blood flow control in hamster cheek pouch. <i>Journal of Applied Physiology</i> , 2006, 101, 307-315.	1.2	28
60	Microvessels Promote Motor Nerve Survival and Regeneration Through Local VEGF Release Following Ectopic Reattachment. <i>Microcirculation</i> , 2004, 11, 633-644.	1.0	27
61	Neurovascular Alignment in Adult Mouse Skeletal Muscles. <i>Microcirculation</i> , 2005, 12, 161-167.	1.0	27
62	Coordination of Intercellular Ca ²⁺ Signaling in Endothelial Cell Tubes of Mouse Resistance Arteries. <i>Microcirculation</i> , 2012, 19, 757-770.	1.0	27
63	Calcium and Electrical Signalling along Endothelium of the Resistance Vasculature. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2012, 110, 80-86.	1.2	26
64	Depressed perivascular sensory innervation of mouse mesenteric arteries with advanced age. <i>Journal of Physiology</i> , 2016, 594, 2323-2338.	1.3	26
65	Heterogeneity of Vascular Innervation in Hamster Cheek Pouch and Retractor Muscle. <i>Journal of Vascular Research</i> , 1999, 36, 465-476.	0.6	25
66	Sympathetic Nerves Inhibit Conducted Vasodilatation Along Feed Arteries during Passive Stretch of Hamster Skeletal Muscle. <i>Journal of Physiology</i> , 2003, 552, 273-282.	1.3	25
67	Quantifying perivascular sympathetic innervation: Regional differences in male C57BL/6 mice at 3 and 20 months. <i>Journal of Neuroscience Methods</i> , 2009, 184, 124-128.	1.3	25
68	Attenuation of vasodilatation with skeletal muscle fatigue in hamster retractor. <i>Journal of Physiology</i> , 2000, 524, 929-941.	1.3	24
69	Independence of Connexin Expression and Vasomotor Conduction from Sympathetic Innervation in Hamster Feed Arteries. <i>Microcirculation</i> , 2004, 11, 397-408.	1.0	24
70	Impact of Aging on Calcium Signaling and Membrane Potential in Endothelium of Resistance Arteries: A Role for Mitochondria. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, 1627-1637.	1.7	24
71	Arterial morphology and blood volumes of rats following 10-14 weeks of tail suspension. <i>Medicine and Science in Sports and Exercise</i> , 1997, 29, 1304-1310.	0.2	23
72	Visualizing calcium responses to acetylcholine convection along endothelium of arteriolar networks in Cx40 ^{BAC} -GCaMP2 transgenic mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 301, H794-H802.	1.5	21

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73	Î²1-Integrin Is Essential for Vasoregulation and Smooth Muscle Survival In Vivo. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 2325-2335.	1.1	21
74	Ageing alters perivascular nerve function of mouse mesenteric arteries <i>in vivo</i> . <i>Journal of Physiology</i> , 2013, 591, 1251-1263.	1.3	21
75	Rapid <i>versus</i> slow ascending vasodilatation: intercellular conduction <i>versus</i> flow-mediated signalling with tetanic <i>versus</i> rhythmic muscle contractions. <i>Journal of Physiology</i> , 2017, 595, 7149-7165.	1.3	21
76	Spatial Relationships between Neuromuscular Junctions and Microvessels in Hamster Cremaster Muscle. <i>Microvascular Research</i> , 1994, 48, 50-67.	1.1	20
77	Isolation of Microvascular Endothelial Tubes from Mouse Resistance Arteries. <i>Journal of Visualized Experiments</i> , 2013, , e50759.	0.2	19
78	Attenuated sarcomere lengthening of the aged murine left ventricle observed using two-photon fluorescence microscopy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H918-H925.	1.5	19
79	Calcitonin gene-related peptide hyperpolarizes mouse pulmonary artery endothelial tubes through K _{ATP} channel activation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 315, L212-L226.	1.3	18
80	Dantrolene suppresses spontaneous Ca ²⁺ release without altering excitation-contraction coupling in cardiomyocytes of aged mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 307, H818-H829.	1.5	17
81	Biophysical properties of microvascular endothelium: Requirements for initiating and conducting electrical signals. <i>Microcirculation</i> , 2018, 25, e12429.	1.0	17
82	Ischemiaâ€“Reperfusion Impairs Ascending Vasodilation in Feed Arteries of Hamster Skeletal Muscle. <i>Microcirculation</i> , 2005, 12, 551-561.	1.0	14
83	Intravital Macrozoom Imaging and Automated Analysis of Endothelial Cell Calcium Signals Coincident with Arteriolar Dilation in Cx40 ^{BAC} â€“CaMP2 Transgenic Mice. <i>Microcirculation</i> , 2011, 18, 331-338.	1.0	14
84	Ageing increases capacitance and spontaneous transient outward current amplitude of smooth muscle cells from murine superior epigastric arteries. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 306, H1512-H1524.	1.5	14
85	Recovery of blood flow regulation in microvascular resistance networks during regeneration of mouse gluteus maximus muscle. <i>Journal of Physiology</i> , 2019, 597, 1401-1417.	1.3	14
86	Female sex and Western-style diet protect mouse resistance arteries during acute oxidative stress. <i>American Journal of Physiology - Cell Physiology</i> , 2020, 318, C627-C639.	2.1	14
87	Evidence for impaired neurovascular transmission in a murine model of Duchenne muscular dystrophy. <i>Journal of Applied Physiology</i> , 2011, 110, 601-609.	1.2	13
88	Differential Î±adrenergic modulation of rapid onset vasodilatation along resistance networks of skeletal muscle in old <i>versus</i> young mice. <i>Journal of Physiology</i> , 2016, 594, 6987-7004.	1.3	13
89	Increased amplitude of inward rectifier K ⁺ currents with advanced age in smooth muscle cells of murine superior epigastric arteries. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 312, H1203-H1214.	1.5	13
90	Microvascular mechanisms limiting skeletal muscle blood flow with advancing age. <i>Journal of Applied Physiology</i> , 2018, 125, 1851-1859.	1.2	13

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91	Advanced age protects resistance arteries of mouse skeletal muscle from oxidative stress through attenuating apoptosis induced by hydrogen peroxide. <i>Journal of Physiology</i> , 2019, 597, 3801-3816.	1.3	13
92	Apoptosis in resistance arteries induced by hydrogen peroxide: greater resilience of endothelium versus smooth muscle. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 320, H1625-H1633.	1.5	12
93	Differential hyperpolarization to substance P and calcitonin gene-related peptide in smooth muscle versus endothelium of mouse mesenteric artery. <i>Microcirculation</i> , 2021, 28, e12733.	1.0	8
94	Role of Smooth Muscle Activation in Conduction of Vasodilation along Isolated Hamster Feed Arteries. <i>Journal of Vascular Research</i> , 1998, 35, 405-412.	0.6	7
95	Motor nerve topology reflects myocyte morphology in hamster retractor and epitrochlearis muscles. <i>Journal of Morphology</i> , 2000, 246, 103-117.	0.6	7
96	Neurovascular Proximity in the Diaphragm Muscle of Adult Mice. <i>Microcirculation</i> , 2012, 19, 306-315.	1.0	7
97	Gene expression profiles of ion channels and receptors in mouse resistance arteries: Effects of cell type, vascular bed, and age. <i>Microcirculation</i> , 2018, 25, e12452.	1.0	7
98	Myofibre injury induces capillary disruption and regeneration of disorganized microvascular networks. <i>Journal of Physiology</i> , 2022, 600, 41-60.	1.3	7
99	Functionalizing biomaterials to promote neurovascular regeneration following skeletal muscle injury. <i>American Journal of Physiology - Cell Physiology</i> , 2021, 320, C1099-C1111.	2.1	6
100	Endothelial cells promote smooth muscle cell resilience to H ₂ O ₂ -induced cell death in mouse cerebral arteries. <i>Acta Physiologica</i> , 2022, 235, e13819.	1.8	6
101	Regulation of Myoendothelial Junction Formation. <i>Circulation Research</i> , 2010, 106, 1014-1016.	2.0	5
102	A Holder and Calibration Chamber for Micropressure Measurements. <i>Microvascular Research</i> , 1994, 48, 403-405.	1.1	4
103	Special Edition of <i>Microcirculation</i> Commemorating the 50th Anniversary of the Microcirculatory Society, Inc.. <i>Microcirculation</i> , 2005, 12, 1-4.	1.0	4
104	Attenuated rapid onset vasodilation with greater force production in skeletal muscle of caveolin-2 ^{+/+} mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 311, H415-H425.	1.5	4
105	Aging alters spontaneous and neurotransmitter-mediated Ca ²⁺ signaling in smooth muscle cells of mouse mesenteric arteries. <i>Microcirculation</i> , 2020, 27, e12607.	1.0	4
106	Frontiers in Microcirculation: Control Processes and Clinical Applications. <i>Microcirculation</i> , 2010, 17, 159-163.	1.0	3
107	Microiontophoresis and Micromanipulation for Intravital Fluorescence Imaging of the Microcirculation. <i>Journal of Visualized Experiments</i> , 2011, , .	0.2	3
108	Ion Channels in Control of Blood Flow: Electrical Conduction Along Endothelium of Resistance Arteries. , 2016, , 79-99.		3

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109	Blood flow restriction without sympathetic vasoconstriction in ageing skeletal muscle during exercise. <i>Journal of Physiology</i> , 2014, 592, 4607-4608.	1.3	1
110	Resolution of Ca ²⁺ dynamics underlying conducted vasodilation: The Ca ²⁺ wave.. <i>FASEB Journal</i> , 2006, 20, A277.	0.2	1
111	Comment on Point:Counterpoint "The muscle pump is/is not an important determinant of muscle blood flow during exercise" <i>Journal of Applied Physiology</i> , 2005, 99, 2451-2451.	1.2	0
112	Enhanced functional sympatholysis through endothelial signalling in healthy young men and women. <i>Journal of Physiology</i> , 2016, 594, 7149-7150.	1.3	0
113	Arteriolar smooth muscle calcium dynamics in hamster cheek pouch in vivo. <i>FASEB Journal</i> , 2006, 20, A273.	0.2	0
114	Regional differences in vascular sympathetic innervation are maintained in aging C57Bl/6 mice. <i>FASEB Journal</i> , 2006, 20, A271.	0.2	0
115	A Novel Signaling Pathway for Conducted Vasodilation in Hamster Feed Arteries. <i>FASEB Journal</i> , 2006, 20, A276.	0.2	0
116	Connexin isoform expression in microvascular smooth muscle and endothelium. <i>FASEB Journal</i> , 2007, 21, A1217.	0.2	0
117	Neurovascular alignment in mouse diaphragm muscle. <i>FASEB Journal</i> , 2007, 21, A482.	0.2	0
118	Calcium waves along arteriolar endothelium enhance conducted vasodilation during blood flow control. <i>FASEB Journal</i> , 2008, 22, .	0.2	0
119	Hypertension compromises functional hyperemia in hamster feed arteries. <i>FASEB Journal</i> , 2008, 22, 122-122.	0.2	0
120	Selective functional sympatholysis promotes blood flow distribution to recruited muscle fibers. <i>FASEB Journal</i> , 2009, 23, 948.14.	0.2	0
121	Role for Kv1.3 channels in sympathetic neurovascular transmission. <i>FASEB Journal</i> , 2009, 23, 952.12.	0.2	0
122	Fast calcium responses along endothelium of arteriolar networks during blood flow. <i>FASEB Journal</i> , 2009, 23, 948.18.	0.2	0
123	Differences in expression and function of ryanodine receptors between arteries and arterioles in the mouse. <i>FASEB Journal</i> , 2010, 24, 777.5.	0.2	0
124	Functional adrenoceptor distribution in arteriolar networks of mouse gluteus maximus muscle. <i>FASEB Journal</i> , 2010, 24, 976.5.	0.2	0
125	Distinguishing receptor- versus store-operated calcium entry in arteriolar endothelium. <i>FASEB Journal</i> , 2010, 24, .	0.2	0
126	Tuning electrical conduction along endothelial cell tubes via Ca ²⁺ -activated K ⁺ channels. <i>FASEB Journal</i> , 2012, 26, 1058.12.	0.2	0

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127	Aging differentially alters calcium signals and myogenic tone in murine cremaster muscle feed arteries and downstream arterioles. FASEB Journal, 2012, 26, 861.3.	0.2	0
128	Differential roles for α_1 versus α_2 adrenoreceptor activation of mouse mesenteric arterial networks in vivo. FASEB Journal, 2012, 26, 853.11.	0.2	0
129	Aging impairs electrical conduction along resistance artery endothelium via enhanced signal dissipation through K _{Ca} channels. FASEB Journal, 2012, 26, 861.2.	0.2	0
130	Aging increases the amplitude of spontaneous transient outward currents in murine resistance artery smooth muscle cells. FASEB Journal, 2013, 27, 679.4.	0.2	0
131	Depolarization of collecting lymphatic endothelium with acetylcholine or TRPV4 activation. FASEB Journal, 2013, 27, 678.3.	0.2	0
132	Altered electrical reactivity of endothelial tubes with aging: Role of mitochondria and Ca ²⁺ -activated K ⁺ channels. FASEB Journal, 2013, 27, 679.1.	0.2	0
133	Aging alters reactivity of microvascular resistance networks in mouse skeletal muscle. FASEB Journal, 2013, 27, 679.2.	0.2	0
134	Aging attenuates spontaneous endothelial Ca ²⁺ events with altered perivascular nerve function in mouse mesenteric arteries in vivo. FASEB Journal, 2013, 27, 901.3.	0.2	0
135	Impaired Ca ²⁺ signaling following acutely elevated glucose in mouse endothelial cell tubes. FASEB Journal, 2013, 27, 678.2.	0.2	0
136	Constitutive activation of α_1 adrenoreceptors with advanced age impairs rapid onset vasodilation: key role for feed arteries (674.6). FASEB Journal, 2014, 28, 674.6.	0.2	0
137	Advanced Age Increases the Amplitude of ATP-sensitive K ⁺ Channel Currents in Murine Resistance Artery Smooth Muscle Cells. FASEB Journal, 2015, 29, 786.1.	0.2	0
138	Recovery of Functional Vasodilation During Skeletal Muscle Regeneration. FASEB Journal, 2018, 32, 573.4.	0.2	0
139	Protective Effects of Diet and Sex on Cell Death and Intracellular Calcium in Resistance Arteries during Oxidative Stress. FASEB Journal, 2018, 32, 845.3.	0.2	0
140	Which Comes First: Angiogenesis or Myogenesis Following Punch Biopsy Injury?. FASEB Journal, 2022, 36, .	0.2	0