

Marilyn J Cipolla

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136
papers

4,646
citations

41
h-index

64
g-index

142
ext. papers

5,202
ext. citations

4.7
avg, IF

5.94
L-index

#	Paper	IF	Citations
136	Mechanical signaling through connective tissue: a mechanism for the therapeutic effect of acupuncture. <i>FASEB Journal</i> , 2001 , 15, 2275-82	0.9	322
135	Pressure-induced actin polymerization in vascular smooth muscle as a mechanism underlying myogenic behavior. <i>FASEB Journal</i> , 2002 , 16, 72-6	0.9	252
134	Magnesium sulfate for the treatment of eclampsia: a brief review. <i>Stroke</i> , 2009 , 40, 1169-75	6.7	186
133	Cerebrovascular function in pregnancy and eclampsia. <i>Hypertension</i> , 2007 , 50, 14-24	8.5	141
132	Efficacy of antioxidant therapies in transient focal ischemia in mice. <i>Stroke</i> , 2001 , 32, 1000-4	6.7	116
131	Vitamin D alters genes involved in follicular development and steroidogenesis in human cumulus granulosa cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, E1137-45	5.6	113
130	SKCa and IKCa Channels, myogenic tone, and vasodilator responses in middle cerebral arteries and parenchymal arterioles: effect of ischemia and reperfusion. <i>Stroke</i> , 2009 , 40, 1451-7	6.7	108
129	The Cerebral Circulation. <i>Colloquium Series on Integrated Systems Physiology From Molecule To Function</i> , 2009 , 1, 1-59		94
128	Transcellular transport as a mechanism of blood-brain barrier disruption during stroke. <i>Frontiers in Bioscience - Landmark</i> , 2004 , 9, 777-85	2.8	92
127	Pregnancy-induced changes in the three-dimensional mechanical properties of pressurized rat uteroplacental (radial) arteries. <i>American Journal of Obstetrics and Gynecology</i> , 1993 , 168, 268-74	6.4	89
126	Reperfusion decreases myogenic reactivity and alters middle cerebral artery function after focal cerebral ischemia in rats. <i>Stroke</i> , 1997 , 28, 176-80	6.7	89
125	Hypertrophic and hyperplastic effects of pregnancy on the rat uterine arterial wall. <i>American Journal of Obstetrics and Gynecology</i> , 1994 , 171, 805-11	6.4	86
124	Plasma from preeclamptic women increases blood-brain barrier permeability: role of vascular endothelial growth factor signaling. <i>Hypertension</i> , 2010 , 56, 1003-8	8.5	83
123	The importance of comorbidities in ischemic stroke: Impact of hypertension on the cerebral circulation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018 , 38, 2129-2149	7.3	79
122	Cerebral vascular adaptation to pregnancy and its role in the neurological complications of eclampsia. <i>Journal of Applied Physiology</i> , 2011 , 110, 329-39	3.7	76
121	Middle cerebral artery function after stroke: the threshold duration of reperfusion for myogenic activity. <i>Stroke</i> , 2002 , 33, 2094-9	6.7	74
120	Vascular smooth muscle actin cytoskeleton in cerebral artery forced dilatation. <i>Stroke</i> , 1998 , 29, 1223-8	6.7	72

119	Perivascular innervation of penetrating brain parenchymal arterioles. <i>Journal of Cardiovascular Pharmacology</i> , 2004 , 44, 1-8	3.1	71
118	Cerebral blood flow autoregulation and edema formation during pregnancy in anesthetized rats. <i>Hypertension</i> , 2007 , 49, 334-40	8.5	70
117	Magnesium sulfate treatment reverses seizure susceptibility and decreases neuroinflammation in a rat model of severe preeclampsia. <i>PLoS ONE</i> , 2014 , 9, e113670	3.7	66
116	Translational Stroke Research: Vision and Opportunities. <i>Stroke</i> , 2017 , 48, 2632-2637	6.7	62
115	High glucose concentrations dilate cerebral arteries and diminish myogenic tone through an endothelial mechanism. <i>Stroke</i> , 1997 , 28, 405-10; discussion 410-1	6.7	61
114	Threshold duration of ischemia for myogenic tone in middle cerebral arteries: effect on vascular smooth muscle actin. <i>Stroke</i> , 2001 , 32, 1658-64	6.7	60
113	Interaction of myogenic and adrenergic mechanisms in isolated, pressurized uterine radial arteries from late-pregnant and nonpregnant rats. <i>American Journal of Obstetrics and Gynecology</i> , 1993 , 168, 697-705	6.4	60
112	The Importance of Considering Sex Differences in Translational Stroke Research. <i>Translational Stroke Research</i> , 2016 , 7, 261-73	7.8	58
111	Peroxynitrite diminishes myogenic activity and is associated with decreased vascular smooth muscle F-actin in rat posterior cerebral arteries. <i>Stroke</i> , 2006 , 37, 894-9	6.7	57
110	Cerebrovascular Dysfunction in Preeclamptic Pregnancies. <i>Current Hypertension Reports</i> , 2015 , 17, 64	4.7	56
109	"Small Blood Vessels: Big Health Problems?": Scientific Recommendations of the National Institutes of Health Workshop. <i>Journal of the American Heart Association</i> , 2016 , 5,	6	53
108	Pial Collateral Reactivity During Hypertension and Aging: Understanding the Function of Collaterals for Stroke Therapy. <i>Stroke</i> , 2016 , 47, 1618-25	6.7	51
107	Propionyl-L-carnitine dilates human subcutaneous arteries through an endothelium-dependent mechanism. <i>Journal of Vascular Surgery</i> , 1999 , 29, 1097-103	3.5	51
106	Increased oxidized low-density lipoprotein causes blood-brain barrier disruption in early-onset preeclampsia through LOX-1. <i>FASEB Journal</i> , 2013 , 27, 1254-63	0.9	49
105	Fibroblast spreading induced by connective tissue stretch involves intracellular redistribution of alpha- and beta-actin. <i>Histochemistry and Cell Biology</i> , 2006 , 125, 487-95	2.4	48
104	Pregnancy-induced up-regulation of aquaporin-4 protein in brain and its role in eclampsia. <i>FASEB Journal</i> , 2005 , 19, 170-5	0.9	48
103	Myoendometrial versus placental uterine arteries: structural, mechanical, and functional differences in late-pregnant rabbits. <i>American Journal of Obstetrics and Gynecology</i> , 1997 , 177, 215-21	6.4	45
102	The adaptation of the cerebral circulation to pregnancy: mechanisms and consequences. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013 , 33, 465-78	7.3	44

101	Treatment for cerebral small vessel disease: effect of relaxin on the function and structure of cerebral parenchymal arterioles during hypertension. <i>FASEB Journal</i> , 2013 , 27, 3917-27	0.9	44
100	Relaxin causes selective outward remodeling of brain parenchymal arterioles via activation of peroxisome proliferator-activated receptor- α . <i>FASEB Journal</i> , 2011 , 25, 3229-39	0.9	44
99	Reactivity of brain parenchymal arterioles after ischemia and reperfusion. <i>Microcirculation</i> , 2008 , 15, 495-501	2.9	44
98	The adaptation of the blood-brain barrier to vascular endothelial growth factor and placental growth factor during pregnancy. <i>FASEB Journal</i> , 2012 , 26, 355-62	0.9	43
97	Pregnancy prevents hypertensive remodeling of cerebral arteries: a potential role in the development of eclampsia. <i>Hypertension</i> , 2006 , 47, 619-26	8.5	42
96	Postischemic attenuation of cerebral artery reactivity is increased in the presence of tissue plasminogen activator. <i>Stroke</i> , 2000 , 31, 940-5	6.7	42
95	Effect of pregnancy on autoregulation of cerebral blood flow in anterior versus posterior cerebrum. <i>Hypertension</i> , 2012 , 60, 705-11	8.5	41
94	PPAR γ activation prevents hypertensive remodeling of cerebral arteries and improves vascular function in female rats. <i>Stroke</i> , 2010 , 41, 1266-70	6.7	40
93	Postischemic reperfusion causes smooth muscle calcium sensitization and vasoconstriction of parenchymal arterioles. <i>Stroke</i> , 2014 , 45, 2425-30	6.7	39
92	Cerebral artery reactivity changes during pregnancy and the postpartum period: a role in eclampsia?. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004 , 286, H2127-32	5.2	39
91	Pregnant serum induces neuroinflammation and seizure activity via TNF α . <i>Experimental Neurology</i> , 2012 , 234, 398-404	5.7	38
90	The effect of ovariectomy and estrogen on penetrating brain arterioles and blood-brain barrier permeability. <i>Microcirculation</i> , 2009 , 16, 685-93	2.9	37
89	Improving Reperfusion Therapies in the Era of Mechanical Thrombectomy. <i>Translational Stroke Research</i> , 2016 , 7, 294-302	7.8	37
88	Magnesium sulphate treatment decreases blood-brain barrier permeability during acute hypertension in pregnant rats. <i>Experimental Physiology</i> , 2008 , 93, 254-61	2.4	36
87	Vascular Protection Following Cerebral Ischemia and Reperfusion. <i>Journal of Neurology & Neurophysiology</i> , 2011 , 2011,	0.5	35
86	Inhibition of protein kinase C β reverses increased blood-brain barrier permeability during hyperglycemic stroke and prevents edema formation in vivo. <i>Stroke</i> , 2011 , 42, 3252-7	6.7	34
85	Effects of ischemia and myogenic activity on active and passive mechanical properties of rat cerebral arteries. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002 , 283, H2268-75	5.2	34
84	Mechanisms of enhanced basal tone of brain parenchymal arterioles during early postischemic reperfusion: role of ET-1-induced peroxynitrite generation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013 , 33, 1486-92	7.3	33

83	Cerebrovascular dysfunction and blood-brain barrier permeability induced by oxidized LDL are prevented by apocynin and magnesium sulfate in female rats. <i>Journal of Cardiovascular Pharmacology</i> , 2014 , 63, 33-9	3.1	32
82	Resistance artery vasodilation to magnesium sulfate during pregnancy and the postpartum state. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005 , 288, H1521-5	5.2	32
81	Endothelial function and adrenergic reactivity in human type-II diabetic resistance arteries. <i>Journal of Vascular Surgery</i> , 1996 , 23, 940-9	3.5	32
80	Increased pressure-induced tone in rat parenchymal arterioles vs. middle cerebral arteries: role of ion channels and calcium sensitivity. <i>Journal of Applied Physiology</i> , 2014 , 117, 53-9	3.7	31
79	Pregnancy reverses hypertensive remodeling of cerebral arteries. <i>Hypertension</i> , 2008 , 51, 1052-7	8.5	30
78	Seizures in Women with Preeclampsia: Mechanisms and Management. <i>Fetal and Maternal Medicine Review</i> , 2011 , 22, 91-108		28
77	Peroxynitrite decomposition with FeTMPyP improves plasma-induced vascular dysfunction and infarction during mild but not severe hyperglycemic stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012 , 32, 1035-45	7.3	26
76	Pharmacologically increasing collateral perfusion during acute stroke using a carboxyhemoglobin gas transfer agent (Sanguinate) in spontaneously hypertensive rats. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018 , 38, 755-766	7.3	25
75	Effect of hyperglycemia on brain penetrating arterioles and cerebral blood flow before and after ischemia/reperfusion. <i>Translational Stroke Research</i> , 2010 , 1, 127-34	7.8	25
74	Pregnancy prevents hypertensive remodeling and decreases myogenic reactivity in posterior cerebral arteries from Dahl salt-sensitive rats: a role in eclampsia?. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007 , 292, H1071-6	5.2	25
73	The cerebral circulation during pregnancy: adapting to preserve normalcy. <i>Physiology</i> , 2015 , 30, 139-47	9.8	24
72	Inhibition of PAI (Plasminogen Activator Inhibitor)-1 Improves Brain Collateral Perfusion and Injury After Acute Ischemic Stroke in Aged Hypertensive Rats. <i>Stroke</i> , 2018 , 49, 1969-1976	6.7	24
71	PPAR-gamma agonist rosiglitazone reverses increased cerebral venous hydraulic conductivity during hypertension. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009 , 297, H1347-53	5.3	23
70	The Contribution of Normal Pregnancy to Eclampsia. <i>PLoS ONE</i> , 2015 , 10, e0133953	3.7	21
69	Early cerebrovascular and parenchymal events following prenatal exposure to the putative neurotoxin methylazoxymethanol. <i>Neurobiology of Disease</i> , 2007 , 26, 481-95	7.5	21
68	Effect of PPAR inhibition during pregnancy on posterior cerebral artery function and structure. <i>Frontiers in Physiology</i> , 2010 , 1, 130	4.6	20
67	Effects of Early Post-Ischemic Reperfusion and tPA on Cerebrovascular Function and Nitrosative Stress in Female Rats. <i>Translational Stroke Research</i> , 2016 , 7, 228-38	7.8	20
66	Altered hippocampal arteriole structure and function in a rat model of preeclampsia: Potential role in impaired seizure-induced hyperemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017 , 37, 2857-2869	7.3	19

65	High resolution imaged laser speckle strain gauge for vascular applications. <i>Journal of Biomedical Optics</i> , 2000 , 5, 62-71	3.5	19
64	Mechanical properties of rat middle cerebral arteries with and without myogenic tone. <i>Journal of Biomechanical Engineering</i> , 2004 , 126, 76-81	2.1	18
63	Inhibition of PPAR α during rat pregnancy causes intrauterine growth restriction and attenuation of uterine vasodilation. <i>Frontiers in Physiology</i> , 2013 , 4, 184	4.6	17
62	Effect of pregnancy and nitric oxide on the myogenic vasodilation of posterior cerebral arteries and the lower limit of cerebral blood flow autoregulation. <i>Reproductive Sciences</i> , 2013 , 20, 1046-54	3	17
61	A new method for mechanically denuding the endothelium of small (50-150 microns) arteries with a human hair. <i>Journal of Vascular Research</i> , 1989 , 26, 320-4	1.9	17
60	Effect of hypertension and peroxynitrite decomposition with FeTMPyP on CBF and stroke outcome. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017 , 37, 1276-1285	7.3	16
59	Impaired function of cerebral parenchymal arterioles in experimental preeclampsia. <i>Microvascular Research</i> , 2018 , 119, 64-72	3.7	15
58	Inhibition of blood-brain barrier efflux transporters promotes seizure in pregnant rats: Role of circulating factors. <i>Brain, Behavior, and Immunity</i> , 2018 , 67, 13-23	16.6	15
57	The effect of elevated homocysteine levels on adrenergic vasoconstriction of human resistance arteries: the role of the endothelium and reactive oxygen species. <i>Journal of Vascular Surgery</i> , 2000 , 31, 751-9	3.5	15
56	Myogenic tone as a therapeutic target for ischemic stroke. <i>Current Vascular Pharmacology</i> , 2014 , 12, 788-800	3.3	15
55	Ovarian kisspeptin expression is related to age and to monocyte chemoattractant protein-1. <i>Journal of Assisted Reproduction and Genetics</i> , 2016 , 33, 535-43	3.4	13
54	Effect of hypertension and carotid occlusion on brain parenchymal arteriole structure and reactivity. <i>Journal of Applied Physiology</i> , 2015 , 119, 817-23	3.7	13
53	Regional expression of aquaporin 1, 4, and 9 in the brain during pregnancy. <i>Reproductive Sciences</i> , 2008 , 15, 506-16	3	13
52	The influence of pregnancy and gender on perivascular innervation of rat posterior cerebral arteries. <i>Reproductive Sciences</i> , 2008 , 15, 411-9	3	13
51	Resistance artery adaptation to pregnancy counteracts the vasoconstricting influence of plasma from normal pregnant women. <i>Reproductive Sciences</i> , 2010 , 17, 29-39	3	12
50	Differential effects of low-dose endotoxin on the cerebral circulation during pregnancy. <i>Reproductive Sciences</i> , 2011 , 18, 1211-21	3	12
49	Memory impairment in spontaneously hypertensive rats is associated with hippocampal hypoperfusion and hippocampal vascular dysfunction. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020 , 40, 845-859	7.3	12
48	Plasma from patients with HELLP syndrome increases blood-brain barrier permeability. <i>Reproductive Sciences</i> , 2015 , 22, 278-84	3	10

47	Pregnancy enhances the effects of hypercholesterolemia on posterior cerebral arteries. <i>Reproductive Sciences</i> , 2013 , 20, 391-9	3	10
46	The cerebral endothelium during pregnancy: a potential role in the development of eclampsia. <i>Endothelium: Journal of Endothelial Cell Research</i> , 2005 , 12, 5-9		10
45	Pregnancy causes diminished myogenic tone and outward hypotrophic remodeling of the cerebral vein of Galen. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013 , 33, 542-9	7.3	9
44	Elevated glucose potentiates contraction of isolated rat resistance arteries and augments protein kinase C-induced intracellular calcium release. <i>Metabolism: Clinical and Experimental</i> , 1999 , 48, 1015-22	12.7	9
43	Cerebrovascular (Patho)Physiology in Preeclampsia/Eclampsia 2009 , 227-247		8
42	Arterial wall hyperplasia is increased in placental compared with myoendometrial radial uterine arteries from late-pregnant rats. <i>American Journal of Obstetrics and Gynecology</i> , 2005 , 192, 302-8	6.4	7
41	ACE (Angiotensin-Converting Enzyme) Inhibition Reverses Vasoconstriction and Impaired Dilation of Pial Collaterals in Chronic Hypertension. <i>Hypertension</i> , 2020 , 76, 226-235	8.5	6
40	Effect of estrogen therapy on cerebral arteries during stroke in female rats. <i>Menopause</i> , 2005 , 12, 99-109	10.5	6
39	Rapamycin Induces an eNOS (Endothelial Nitric Oxide Synthase) Dependent Increase in Brain Collateral Perfusion in Wistar and Spontaneously Hypertensive Rats. <i>Stroke</i> , 2020 , 51, 2834-2843	6.7	6
38	Transient receptor potential vanilloid-4 channels are involved in diminished myogenic tone in brain parenchymal arterioles in response to chronic hypoperfusion in mice. <i>Acta Physiologica</i> , 2019 , 225, e13181	5.6	6
37	Posterior reversible encephalopathy syndrome in stroke-prone spontaneously hypertensive rats on high-salt diet. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019 , 39, 1232-1246	7.3	6
36	Effects of Acute Stroke Serum on Non-Ischemic Cerebral and Mesenteric Vascular Function. <i>Translational Stroke Research</i> , 2016 , 7, 156-65	7.8	5
35	Treatment with low dose fasudil for acute ischemic stroke in chronic hypertension. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017 , 37, 3262-3270	7.3	5
34	The Cerebral Circulation, Second Edition. <i>Colloquium Series on Integrated Systems Physiology From Molecule To Function</i> , 2016 , 8, 1-80		5
33	Implications for understanding ischemic stroke as a sexually dimorphic disease: the role of pial collateral circulations. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018 , 315, H1703-H1712	5.3	5
32	Effect of TTC Treatment on Immunohistochemical Quantification of Collagen IV in Rat Brains after Stroke. <i>Translational Stroke Research</i> , 2018 , 9, 499-505	7.8	4
31	Impact of Acute and Chronic Hypertension on Changes in Pial Collateral Tone In Vivo During Transient Ischemia. <i>Hypertension</i> , 2020 , 76, 1019-1026	8.5	4
30	Hippocampal network dysfunction as a mechanism of early-onset dementia after preeclampsia and eclampsia. <i>Progress in Neurobiology</i> , 2021 , 199, 101938	10.9	4

29	Ondansetron-related hemorrhagic posterior reversible encephalopathy syndrome (PRES) following gastric bypass. <i>SpringerPlus</i> , 2016 , 5, 18		3
28	Acute rosiglitazone treatment during reperfusion after hyperglycemic stroke is neuroprotective not vascular protective. <i>Translational Stroke Research</i> , 2012 , 3, 390-6	7.8	3
27	Determination of PPAR α activity in adipose tissue and spleen. <i>Journal of Immunoassay and Immunochemistry</i> , 2012 , 33, 314-24	1.8	3
26	Abstract 79: Chronic and Acute Hypertension in Ischemic Stroke Are Distinct Markers of Impaired Collateral Circulation. <i>Stroke</i> , 2018 , 49,	6.7	3
25	HAEMODYNAMIC CONTRIBUTIONS TO THE PATHOGENESIS OF PREECLAMPSIA AND ECLAMPSIA. <i>Fetal and Maternal Medicine Review</i> , 2008 , 19, 85-104		2
24	Pregnancy Decreases Myogenic Activity of Brain Parenchymal Arterioles: Role of Estrogen. <i>FASEB Journal</i> , 2008 , 22,	0.9	2
23	Conducted Vasodilation in Brain Parenchymal Arterioles is Impaired during Chronic Hypertension. <i>FASEB Journal</i> , 2015 , 29, 949.7	0.9	2
22	Visual evoked potentials in women with and without preeclampsia during pregnancy and postpartum. <i>Journal of Hypertension</i> , 2018 , 36, 319-325	1.9	1
21	Mechanisms of Flow-Mediated Dilation of Pial Collaterals and the Effect of Hypertension. <i>Hypertension</i> , 2021 , HYPERTENSIONAHA12118602	8.5	1
20	Inhibition of PPAR α during pregnancy causes inward remodeling of brain parenchymal arterioles. <i>FASEB Journal</i> , 2010 , 24, 979.4	0.9	1
19	Effect of circulating factors on cerebral artery function during hyperglycemic stroke. <i>FASEB Journal</i> , 2011 , 25, 1024.6	0.9	1
18	Perinatal stroke. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2020 , 171, 313-326,		1
17	Stroke and the Blood-Brain Interface619-647		1
16	Therapeutic Induction of Collateral Flow.. <i>Translational Stroke Research</i> , 2022 , 1	7.8	1
15	Treatment with apocynin selectively restores hippocampal arteriole function and seizure-induced hyperemia in a model of preeclampsia.. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022 , 271678X221080092	7.3	0
14	Abnormal development of cerebral arteries and veins in offspring of experimentally preeclamptic rats: Potential role in perinatal stroke. <i>Mechanisms of Ageing and Development</i> , 2021 , 196, 111491	5.6	0
13	Thomas Willis Lecture: Targeting Brain Arterioles for Acute Stroke Treatment. <i>Stroke</i> , 2021 , 52, 2465-2467,		0
12	Cerebrovascular Pathophysiology in Preeclampsia and Eclampsia 2015 , 269-290		

- 11 Cerebrovascular Pathophysiology in Preeclampsia and Eclampsia **2022**, 265-288
- 10 Hyperglycemia increases protein kinase C (PKC) activity and myogenic tone of penetrating brain parenchymal arterioles and is associated with diminished postischemic reperfusion and enhanced infarction. *Journal of Cerebral Blood Flow and Metabolism*, **2005**, 25, S28-S28 7.3
- 9 Peroxynitrite (ONOO⁻) Diminishes Myogenic Activity and is Associated with Decreased Vascular Smooth Muscle (VSM) Filamentous (F-) actin in Rat Posterior Cerebral Arteries (PCA). *FASEB Journal*, **2006**, 20, A296 0.9
- 8 Pregnancy increases perivascular trigeminal innervation of cerebral arteries without changing reactivity to calcitonin gene-related peptide (CGRP). *FASEB Journal*, **2007**, 21, A1385 0.9
- 7 The effect of experimental preeclampsia on cerebral blood flow autoregulation and cerebrovascular function (680.22). *FASEB Journal*, **2014**, 28, 680.22 0.9
- 6 Hyperglycemia increases myogenic tone and the dilatory effects of peroxynitrite (ONOO⁻) in cerebral arteries: Role of nitrotyrosine (NT) and reactive oxygen species (ROS). *FASEB Journal*, **2009**, 23, 613.8 0.9
- 5 PPAR α activation reverses hypertensive remodeling of cerebral arteries. *FASEB Journal*, **2009**, 23, 613.34 0.9
- 4 In P14 rat middle cerebral arteries relations between myogenic tone and cytosolic Ca⁺⁺ are enhanced by myofilament Ca⁺⁺ sensitization and increased Ca⁺⁺ influx, but attenuated by high proportions of non-contractile smooth muscle cells.. *FASEB Journal*, **2010**, 24, 980.7 0.9
- 3 Effect of plasma on vessel tone and endothelial function. *FASEB Journal*, **2011**, 25, 1024.12 0.9
- 2 Vascular Targets for Ischemic Stroke Treatment **2012**, 3-36
- 1 Vascular Biology. *Stroke*, **2021**, 52, 2440-2441 6.7