Kathleen G Morgan

List of Publications by Citations

143 papers	6,924 citations	46 h-index	79 g-index
147 ext. papers	7,266 ext. citations	6 avg, IF	5.56 L-index

#	Paper	IF	Citations
143	Mechanisms of smooth muscle contraction. *Physiological Reviews*, **1996**, 76, 967-1003	47.9	600
142	Stimulus-specific patterns of intracellular calcium levels in smooth muscle of ferret portal vein. *Journal of Physiology*, **1984**, 351, 155-67	3.9	317
141	Fast and slow dynamics of the cytoskeleton. *Nature Materials*, **2006**, 5, 636-40	27	242
140	Mechanisms of Vascular Smooth Muscle Contraction and the Basis for Pharmacologic Treatment of Smooth Muscle Disorders. *Pharmacological Reviews*, **2016**, 68, 476-532	22.5	233
139	Vascular smooth muscle: the first recorded Ca2+ transients. *Pflugers Archiv European Journal of Physiology*, **1982**, 395, 75-7	4.6	226
138	Invited review: cross-bridge regulation by thin filament-associated proteins. *Journal of Applied Physiology*, **2001**, 91, 953-62	3.7	196
137	Human gastric atony with tachygastria and gastric retention. *Gastroenterology*, **1978**, 75, 497-501	13.3	169
136	Smooth muscle signalling pathways in health and disease. *Journal of Cellular and Molecular Medicine*, **2008**, 12, 2165-80	5.6	160
135	Calcium-force relationships as detected with aequorin in two different vascular smooth muscles of the ferret. *Journal of Physiology*, **1985**, 369, 269-82	3.9	143
134	Alterations in cytoplasmic calcium sensitivity during porcine coronary artery contractions as detected by aequorin. *Journal of Physiology*, **1987**, 385, 437-48	3.9	140
133	Alteration of cytoplasmic ionized calcium levels in smooth muscle by vasodilators in the ferret. *Journal of Physiology*, **1984**, 357, 539-51	3.9	138
132	A role for MAP kinase in differentiated smooth muscle contraction evoked by alpha-adrenoceptor stimulation. *American Journal of Physiology - Cell Physiology*, **1998**, 275, C1081-6	5.4	137
131	Intracellular electrical activity of canine and human gastric smooth muscle. *Journal of Physiology*, **1978**, 279, 291-307	3.9	136
130	Calcium and cardiovascular function. Intracellular calcium levels during contraction and relaxation of mammalian cardiac and vascular smooth muscle as detected with aequorin. *American Journal of Medicine*, **1984**, 77, 33-46	2.4	131
129	Protein kinase C mediation of Ca(2+)-independent contractions of vascular smooth muscle. *Biochemistry and Cell Biology*, **1996**, 74, 485-502	3.6	125
128	Extracellular regulated kinase (ERK) interaction with actin and the calponin homology (CH) domain of actin-binding proteins. *Biochemical Journal*, **1999**, 344, 117-123	3.8	115
127	Calponin and mitogen-activated protein kinase signaling in differentiated vascular smooth muscle. *Journal of Biological Chemistry*, **1997**, 272, 25157-61	5.4	111

126	Cytoskeletal remodeling in differentiated vascular smooth muscle is actin isoform dependent and stimulus dependent. *American Journal of Physiology - Cell Physiology*, **2008**, 295, C768-78	5.4	105
125	Agonist-specific myosin phosphorylation and intracellular calcium during isometric contractions of arterial smooth muscle. *Pflugers Archiv European Journal of Physiology*, **1989**, 413, 637-43	4.6	102
124	Smooth muscle protein kinase C. *Canadian Journal of Physiology and Pharmacology*, **1994**, 72, 1392-9	2.4	91
123	Differential association and localization of myosin phosphatase subunits during agonist-induced signal transduction in smooth muscle. *Circulation Research*, **2002**, 90, 546-53	15.7	86
122	Ca2+-calmodulin-dependent protein kinase II-dependent activation of contractility in ferret aorta. *Journal of Physiology*, **2000**, 526 Pt 2, 367-74	3.9	86
121	Requirement for protein kinase C theta for cell cycle progression and formation of actin stress fibers and filopodia in vascular endothelial cells. *Journal of Biological Chemistry*, **1997**, 272, 28704-11	5.4	78
120	Intracellular calcium, myosin light chain phosphorylation, and contractile force in experimental cerebral vasospasm. *Neurosurgery*, **1996**, 38, 781-7; discussion 787-8	3.2	78
119	Cellular redistribution of PKCalpha, rhoA, and ROKalpha following smooth muscle agonist stimulation. *Experimental Cell Research*, **1999**, 251, 92-101	4.2	77
118	Phosphotyrosine-dependent targeting of mitogen-activated protein kinase in differentiated contractile vascular cells. *Circulation Research*, **1995**, 76, 1101-8	15.7	76
117	Mechanisms of phasic and tonic actions of pentagastrin on canine gastric smooth muscle. *Journal of Physiology*, **1980**, 301, 229-42	3.9	74
116	The inhibitory effects of vasoactive intestinal polypeptide on the mechanical and electrical activity of canine antral smooth muscle. *Journal of Physiology*, **1978**, 282, 437-50	3.9	74
115	Deciphering actin cytoskeletal function in the contractile vascular smooth muscle cell. *Journal of Physiology*, **2012**, 590, 4145-54	3.9	68
114	Inhibition of PKCalpha and rhoA translocation in differentiated smooth muscle by a caveolin scaffolding domain peptide. *Experimental Cell Research*, **2000**, 258, 72-81	4.2	68
113	Phenylephrine-induced translocation of protein kinase C and shortening of two types of vascular cells of the ferret. *Journal of Physiology*, **1992**, 455, 585-99	3.9	68
112	Caveolin-1 regulates contractility in differentiated vascular smooth muscle. *American Journal of Physiology - Heart and Circulatory Physiology*, **2004**, 286, H91-8	5.2	67
111	Targeting of a novel Ca+2/calmodulin-dependent protein kinase II is essential for extracellular signal-regulated kinase-mediated signaling in differentiated smooth muscle cells. *Circulation Research*, **2005**, 97, 541-9	15.7	64
110	The electrical basis for contraction and relaxation in canine fundal smooth muscle. *Journal of Physiology*, **1981**, 311, 475-88	3.9	63
109	Role of protein kinase C- or RhoA-induced Ca(2+) sensitization in stretch-induced myogenic tone. *Cardiovascular Research*, **2002**, 53, 431-8	9.9	62

108	Regulation of protein kinase C by the cytoskeletal protein calponin. *Journal of Biological Chemistry*, **2000**, 275, 40329-36	5.4	51
107	The focal adhesion: a regulated component of aortic stiffness. *PLoS ONE*, **2013**, 8, e62461	3.7	50
106	Calponin is required for agonist-induced signal transduction--evidence from an antisense approach in ferret smooth muscle. *Journal of Physiology*, **2001**, 537, 567-77	3.9	49
105	Isozyme-specific inhibitors of protein kinase C translocation: effects on contractility of single permeabilized vascular muscle cells of the ferret. *Journal of Physiology*, **1999**, 517 (Pt 3), 709-20	3.9	49
104	Actin polymerization in differentiated vascular smooth muscle cells requires vasodilator-stimulated phosphoprotein. *American Journal of Physiology - Cell Physiology*, **2010**, 298, C559-71	5.4	48
103	Evidence for involvement of the PKC-alpha isoform in myogenic contractions of the coronary microcirculation. *American Journal of Physiology - Heart and Circulatory Physiology*, **2000**, 279, H916-23	5.2	48
102	Nonredundant roles of cytoplasmic □- and □actin isoforms in regulation of epithelial apical junctions. *Molecular Biology of the Cell*, **2012**, 23, 3542-53	3.5	46
101	PKC-dependent signalling mechanisms in differentiated smooth muscle. *Acta Physiologica Scandinavica*, **1998**, 164, 495-505		46
100	ERK1/2-mediated phosphorylation of myometrial caldesmon during pregnancy and labor. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2003**, 284, R192-9	3.2	46
99	Involvement of the protein kinase C system in calcium-force relationships in ferret aorta. *British Journal of Pharmacology*, **1989**, 97, 391-400	8.6	46
98	The cellular basis of contraction and relaxation in cardiac and vascular smooth muscle. *American Heart Journal*, **1991**, 121, 961-8	4.9	46
97	Imaging of protein kinase C distribution and translocation in living vascular smooth muscle cells. *Circulation Research*, **1991**, 69, 1626-31	15.7	44
96	Use of aequorin to study excitation--contraction coupling in mammalian smooth muscle. *Nature*, **1980**, 288, 585-7	50.4	44
95	Effects of cocaine on excitation-contraction coupling of aortic smooth muscle from the ferret. *Journal of Clinical Investigation*, **1991**, 87, 1322-8	15.9	43
94	Vascular Smooth Muscle Sirtuin-1 Protects Against Aortic Dissection During Angiotensin II-Induced Hypertension. *Journal of the American Heart Association*, **2015**, 4, e002384	6	42
93	Src modulates contractile vascular smooth muscle function via regulation of focal adhesions. *Journal of Cellular Physiology*, **2012**, 227, 3585-92	7	42
92	Cytoskeletal targeting of calponin in differentiated, contractile smooth muscle cells of the ferret. *Journal of Physiology*, **1998**, 508 (Pt 1), 187-98	3.9	41
91	Thin and thick filament regulation of contractility in experimental cerebral vasospasm. *Neurosurgery*, **2000**, 46, 440-6; discussion 446-7	3.2	41

90	Stretch activates human myometrium via ERK, caldesmon and focal adhesion signaling. *PLoS ONE*, **2009**, 4, e7489	3.7	41
89	Aging impairs smooth muscle-mediated regulation of aortic stiffness: a defect in shock absorption function?. *American Journal of Physiology - Heart and Circulatory Physiology*, **2014**, 307, H1252-61	5.2	40
88	Smooth muscle archvillin: a novel regulator of signaling and contractility in vascular smooth muscle. *Journal of Cell Science*, **2004**, 117, 5043-57	5.3	38
87	Mechanisms of signal transduction during alpha 2-adrenergic receptor-mediated contraction of vascular smooth muscle. *Circulation Research*, **1993**, 72, 778-85	15.7	36
86	Role of ERK1/2 in uterine contractility and preterm labor in rats. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2004**, 287, R328-35	3.2	35
85	Regulation of vascular smooth muscle tone by N-terminal region of caldesmon. Possible role of tethering actin to myosin. *Journal of Biological Chemistry*, **2000**, 275, 3213-20	5.4	34
84	Effects of pentagastrin, G17, and G34 on the electrical and mechanical activities of canine antral smooth muscle. *Gastroenterology*, **1978**, 75, 405-412	13.3	34
83	Mechanisms of Ca(2+)-independent contraction in single permeabilized ferret aorta cells. *Circulation Research*, **1993**, 72, 651-7	15.7	33
82	Calcium and vascular smooth muscle tone. *American Journal of Medicine*, **1987**, 82, 9-15	2.4	33
81	A chemical procedure for loading the calcium indicator acquorin into mammalian working myocardium. *Pflugers Archiv European Journal of Physiology*, **1984**, 400, 338-40	4.6	33
80	Responses of enzymatically isolated mammalian vascular smooth muscle cells to pharmacological and electrical stimuli. *Pflugers Archiv European Journal of Physiology*, **1985**, 404, 100-2	4.6	33
79	Tropomyosin variants describe distinct functional subcellular domains in differentiated vascular smooth muscle cells. *American Journal of Physiology - Cell Physiology*, **2011**, 300, C1356-65	5.4	32
78	Extracellular regulated kinase (ERK) interaction with actin and the calponin homology (CH) domain of actin-binding proteins. *Biochemical Journal*, **1999**, 344, 117	3.8	32
77	Focal adhesion signaling is required for myometrial ERK activation and contractile phenotype switch before labor. *Journal of Cellular Biochemistry*, **2007**, 100, 129-40	4.7	31
76	Enhanced contractility and myosin phosphorylation induced by Ca(2+)-independent MLCK activity in hypertensive rats. *Cardiovascular Research*, **2011**, 91, 162-70	9.9	30
75	Myometrial mechanoadaptation during pregnancy: implications for smooth muscle plasticity and remodelling. *Journal of Cellular and Molecular Medicine*, **2008**, 12, 1360-73	5.6	30
74	Par-4: a new activator of myosin phosphatase. *Molecular Biology of the Cell*, **2010**, 21, 1214-24	3.5	29
73	MARCKS is a major PKC-dependent regulator of calmodulin targeting in smooth muscle. *Journal of Cell Science*, **2005**, 118, 3595-605	5.3	29

72	Differences in alpha-adrenergic responsiveness between human internal mammary arteries and saphenous veins. *Circulation*, **1989**, 79, 1264-70	16.7	28
71	The role of calcium in the control of vascular tone as assessed by the Ca2+ indicator aequorin. *Cardiovascular Drugs and Therapy*, **1990**, 4, 1355-62	3.9	28
70	Mechanisms of intrinsic tone in ferret vascular smooth muscle. *Journal of Physiology*, **1992**, 448, 121-32	3.9	27
69	Negative inotropic and relaxant effects of cocaine on myopathic human ventricular myocardium and epicardial coronary arteries in vitro. *Cardiovascular Research*, **1993**, 27, 262-8	9.9	26
68	Hierarchical scaffolding of an ERK1/2 activation pathway. *Cell Communication and Signaling*, **2013**, 11, 65	7.5	25
67	MicroRNA-203 mimics age-related aortic smooth muscle dysfunction of cytoskeletal pathways. *Journal of Cellular and Molecular Medicine*, **2017**, 21, 81-95	5.6	25
66	Differential functional properties of calmodulin-dependent protein kinase IIgamma variants isolated from smooth muscle. *Biochemical Journal*, **2003**, 372, 347-57	3.8	25
65	Structure and dynamics of the actin-based smooth muscle contractile and cytoskeletal apparatus. *Journal of Muscle Research and Cell Motility*, **2012**, 33, 461-9	3.5	24
64	h3/Acidic calponin: an actin-binding protein that controls extracellular signal-regulated kinase 1/2 activity in nonmuscle cells. *Molecular Biology of the Cell*, **2010**, 21, 1409-22	3.5	22
63	Receptor-coupled contractility of uterine smooth muscle: from membrane to myofilaments. *Experimental Physiology*, **2001**, 86, 283-8	2.4	21
62	Regulation of force in skinned, single cells of ferret aortic smooth muscle. *Pflugers Archiv European Journal of Physiology*, **1990**, 416, 742-9	4.6	21
61	Smooth muscle archvillin is an ERK scaffolding protein. *Journal of Biological Chemistry*, **2009**, 284, 17607-15	5.4	20
60	Regulation of the uterine contractile apparatus and cytoskeleton. *Seminars in Cell and Developmental Biology*, **2007**, 18, 296-304	7.5	20
59	Strong interaction between caldesmon and calponin. *Journal of Biological Chemistry*, **1996**, 271, 30336-9	5.4	20
58	The pro-apoptotic protein Par-4 facilitates vascular contractility by cytoskeletal targeting of ZIPK. *Journal of Cellular and Molecular Medicine*, **2009**, 13, 887-95	5.6	19
57	A comparison of two different indicators: quin 2 and aequorin in isolated single cells and intact strips of ferret portal vein. *Pflugers Archiv European Journal of Physiology*, **1986**, 406, 427-9	4.6	19
56	Alterations of excitation-contraction coupling by platelet-derived growth factor in enzymatically isolated and cultured vascular smooth muscle cells. *Pflugers Archiv European Journal of Physiology*, **1985**, 405, 77-9	4.6	19
55	Vasoconstrictor-induced endocytic recycling regulates focal adhesion protein localization and function in vascular smooth muscle. *American Journal of Physiology - Cell Physiology*, **2013**, 305, C215-27	5.4	18

54	The contribution of vascular smooth muscle to aortic stiffness across length scales. *Microcirculation*, **2014**, 21, 201-7	2.9	16
53	Enhanced stretch-induced myogenic tone in the basilar artery of spontaneously hypertensive rats. *Journal of Vascular Research*, **2007**, 44, 182-91	1.9	16
52	Calmodulin levels are dynamically regulated in living vascular smooth muscle cells. *American Journal of Physiology - Heart and Circulatory Physiology*, **2001**, 280, H1422-6	5.2	15
51	Calcium-force coupling mechanisms during vasodilator-induced relaxation of ferret aorta. *Journal of Physiology*, **1989**, 412, 123-33	3.9	15
50	Comparison of membrane electrical activity of cat gastric submucosal arterioles and venules. *Journal of Physiology*, **1983**, 345, 135-47	3.9	15
49	Reversal of Aging-Induced Increases in Aortic Stiffness by Targeting Cytoskeletal Protein-Protein Interfaces. *Journal of the American Heart Association*, **2018**, 7,	6	14
48	Mechanism of calponin stabilization of cross-linked actin networks. *Biophysical Journal*, **2014**, 106, 793-800	3.9	14
47	CaMKIIT287 and T305 regulate history-dependent increases in alpha agonist-induced vascular tone. *Journal of Cellular and Molecular Medicine*, **2008**, 12, 219-26	5.6	13
46	Cortical actin regulation modulates vascular contractility and compliance in veins. *Journal of Physiology*, **2015**, 593, 3929-41	3.9	12
45	Cinnamyl alcohol attenuates vasoconstriction by activation of K+ channels via NO-cGMP-protein kinase G pathway and inhibition of Rho-kinase. *Experimental and Molecular Medicine*, **2012**, 44, 749-55	12.8	12
44	Ca(2+)-independent change in phosphorylation of the myosin light chain during relaxation of ferret aorta by vasodilators. *Journal of Physiology*, **1991**, 440, 85-93	3.9	12
43	Increased Ca2+ signaling after alpha-adrenoceptor activation in vascular hypertrophy. *Circulation Research*, **1991**, 68, 1080-4	15.7	12
42	Pathophysiologic role of calcium in the development of vascular smooth muscle tone. *American Journal of Cardiology*, **1989**, 64, 35F-40F	3	12
41	Effects of Calcium on Vascular Smooth Muscle Tone. *American Journal of Hypertension*, **1990**, 3, 291S-298S	2.3	12
40	Flosequinan, a vasodilator with a novel mechanism of action. *British Journal of Pharmacology*, **1991**, 102, 974-8	8.6	12
39	The importance of the smooth muscle cytoskeleton to preterm labour. *Experimental Physiology*, **2014**, 99, 525-9	2.4	11
38	C2-ceramide induces vasodilation in phenylephrine-induced pre-contracted rat thoracic aorta: role of RhoA/Rho-kinase and intracellular Ca2+ concentration. *Naunyn-Schmiedebergs Archives of Pharmacology*, **2005**, 372, 242-50	3.4	10
37	Preconditioning improves cardioplegia-related coronary microvascular smooth muscle hypercontractility: role of KATP channels. *Journal of Thoracic and Cardiovascular Surgery*, **1999**, 118, 438-45	1.5	9

36	The nuclear-cytoplasmic [Ca2+] gradient in single mammalian vascular smooth muscle cells. *Experimental Biology and Medicine*, **1990**, 193, 331-4	3.7	9
35	Intrinsic tone as potential vascular reserve in conductance and resistance vessels. *Circulation*, **1996**, 94, 1083-8	16.7	9
34	Intracellular Calcium, Myosin Light Chain Phosphorylation, and Contractile Force in Experimental Cerebral Vasospasm. *Neurosurgery*, **1996**, 781-788	3.2	9
33	A new method for direct detection of the sites of actin polymerization in intact cells and its application to differentiated vascular smooth muscle. *American Journal of Physiology - Cell Physiology*, **2010**, 299, C988-93	5.4	8
32	Regulation of Ca2+/calmodulin kinase II by a small C-terminal domain phosphatase. *Biochemical Journal*, **2008**, 412, 507-16	3.8	8
31	Augmented sphingosylphosphorylcholine-induced Ca2+-sensitization of mesenteric artery contraction in spontaneously hypertensive rat. *Naunyn-Schmiedebergɪs Archives of Pharmacology*, **2006**, 373, 30-6	3.4	8
30	Effects of basic calponin on the flexural mechanics and stability of F-actin. *Cytoskeleton*, **2012**, 69, 49-58	2.4	7
29	Enzyme Translocations during Smooth Muscle Activation **1996**, 307-319e		7
28	Vasodilation by banhabackchulchunmatang, a Chinese medicine, is associated with negative modulation of PKCalpha activation and NO production. *Life Sciences*, **2003**, 74, 723-32	6.8	7
27	Stimulus-specific activation and actin dependency of distinct, spatially separated ERK1/2 fractions in A7r5 smooth muscle cells. *PLoS ONE*, **2012**, 7, e30409	3.7	6
26	Regulation of PKC autophosphorylation by calponin in contractile vascular smooth muscle tissue. *BioMed Research International*, **2013**, 2013, 358643	3	5
25	Phosphorylation at Ser□in the ATP-binding site of Ca□+/calmodulin-dependent kinase II as a mechanism for switching off the kinase activity. *Bioscience Reports*, **2013**, 33,	4.1	5
24	Scaffolding proteins and non-proliferative functions of ERK1/2. *Communicative and Integrative Biology*, **2010**, 3, 354-6	1.7	5
23	Coronary microvascular protection with mg2+: effects on intracellular calcium regulation and vascular function. *American Journal of Physiology - Heart and Circulatory Physiology*, **1999**, 276, H1124-30	5.2	5
22	Role of calcium ion in maintenance of vascular smooth muscle tone. *American Journal of Cardiology*, **1987**, 59, 24A-28A	3	5
21	Measurements of intracellular calcium concentration in mammalian vascular smooth muscle cells during agonist-induced contractions. *Biochemical Society Transactions*, **1988**, 16, 493	5.1	5
20	A novel mechanism of ERK1/2 regulation in smooth muscle involving acetylation of the ERK1/2 scaffold IQGAP1. *Scientific Reports*, **2017**, 7, 9302	4.9	4
19	The brains of aged mice are characterized by altered tissue diffusion properties and cerebral microbleeds. *Journal of Translational Medicine*, **2020**, 18, 277	8.5	4

18	Effects of Calcium on Vascular Smooth Muscle Tone. *American Journal of Hypertension*, **1990**, 3, 291S-298S	2.3	4
17	Calcium transients in smooth muscle. *Annals of the New York Academy of Sciences*, **1988**, 522, 328-37	6.5	4
16	Non-muscle myosin II regulates aortic stiffness through effects on specific focal adhesion proteins and the non-muscle cortical cytoskeleton. *Journal of Cellular and Molecular Medicine*, **2021**, 25, 2471-2483	5.6	4
15	Regulation of Smooth Muscle Contraction **2012**, 1173-1180		3
14	Nonmuscle motility/cytoskeleton. *American Journal of Physiology - Cell Physiology*, **2001**, 280, C1634-5	5.4	3
13	Effects of pinacidil on coronary Ca(2+)-myosin phosphorylation in cold potassium cardioplegia model. *American Journal of Physiology - Heart and Circulatory Physiology*, **2000**, 279, H882-8	5.2	2
12	Intracellular free calcium accumulation in ferret vascular smooth muscle during crystalloid and blood cardioplegic infusions. *Journal of Thoracic and Cardiovascular Surgery*, **1999**, 118, 163-72	1.5	2
11	Influence of oxygenation on endothelial modulation of coronary vasomotor function during hyperkalemic cardioplegia. *Surgery*, **1999**, 126, 264-271	3.6	2
10	Bcl11b is a Newly Identified Regulator of Vascular Smooth Muscle Phenotype and Arterial Stiffness		2
9	BCL11B Regulates Arterial Stiffness and Related Target Organ Damage. *Circulation Research*, **2021**, 128, 755-768	15.7	2
8	Vascular aging, the vascular cytoskeleton and aortic stiffness. *Exploration of Targeted Anti-tumor Therapy*, **2021**, 2, 186-197	2.5	2
7	The uterine myocyte, contractile machinery and proteins of the myometrium and their relationship to the dynamic nature of myometrial function. *Current Opinion in Physiology*, **2020**, 13, 14-19	2.6	1
6	[Ca2+]i distribution and signalling in vascular hypertrophy. *Advances in Experimental Medicine and Biology*, **1991**, 304, 303-14	3.6	1
5	Ageing causes an aortic contractile dysfunction phenotype by targeting the expression of members of the extracellular signal-regulated kinase pathway.. *Journal of Cellular and Molecular Medicine*, **2022**, 26, 1456-1465	5.6	1
4	Aging-induced microbleeds of the mouse thalamus compared to sensorimotor and memory defects. *Neurobiology of Aging*, **2021**, 100, 39-47	5.6	0
3	Mechanisms of the Shock Absorber Function in Proximal Aorta. *FASEB Journal*, **2015**, 29, 804.2	0.9	
2	Actin association and stimulus-specific activation of ERK1/2 in smooth muscle cells are regulated at the level of ERK1/2 scaffolds. *FASEB Journal*, **2013**, 27, 729.7	0.9	
1	Functional Remodeling of the Contractile Smooth Muscle Cell Cortex, a Provocative Concept, Supported by Direct Visualization of Cortical Remodeling. *Biology*, **2022**, 11, 662	4.9	