

Kathleen G Morgan

List of Publications by Year in Descending Order

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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.

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	Ageing causes an aortic contractile dysfunction phenotype by targeting the expression of members of the extracellular signal-regulated kinase pathway.. <i>Journal of Cellular and Molecular Medicine</i> , 2022 , 26, 1456-1465	5.6	1
142	Functional Remodeling of the Contractile Smooth Muscle Cell Cortex, a Provocative Concept, Supported by Direct Visualization of Cortical Remodeling. <i>Biology</i> , 2022 , 11, 662	4.9	
141	BCL11B Regulates Arterial Stiffness and Related Target Organ Damage. <i>Circulation Research</i> , 2021 , 128, 755-768	15.7	2
140	Aging-induced microbleeds of the mouse thalamus compared to sensorimotor and memory defects. <i>Neurobiology of Aging</i> , 2021 , 100, 39-47	5.6	0
139	Vascular aging, the vascular cytoskeleton and aortic stiffness. <i>Exploration of Targeted Anti-tumor Therapy</i> , 2021 , 2, 186-197	2.5	2
138	Non-muscle myosin II regulates aortic stiffness through effects on specific focal adhesion proteins and the non-muscle cortical cytoskeleton. <i>Journal of Cellular and Molecular Medicine</i> , 2021 , 25, 2471-2483	5.6	4
137	The brains of aged mice are characterized by altered tissue diffusion properties and cerebral microbleeds. <i>Journal of Translational Medicine</i> , 2020 , 18, 277	8.5	4
136	The uterine myocyte, contractile machinery and proteins of the myometrium and their relationship to the dynamic nature of myometrial function. <i>Current Opinion in Physiology</i> , 2020 , 13, 14-19	2.6	1
135	Reversal of Aging-Induced Increases in Aortic Stiffness by Targeting Cytoskeletal Protein-Protein Interfaces. <i>Journal of the American Heart Association</i> , 2018 , 7,	6	14
134	A novel mechanism of ERK1/2 regulation in smooth muscle involving acetylation of the ERK1/2 scaffold IQGAP1. <i>Scientific Reports</i> , 2017 , 7, 9302	4.9	4
133	MicroRNA-203 mimics age-related aortic smooth muscle dysfunction of cytoskeletal pathways. <i>Journal of Cellular and Molecular Medicine</i> , 2017 , 21, 81-95	5.6	25
132	Mechanisms of Vascular Smooth Muscle Contraction and the Basis for Pharmacologic Treatment of Smooth Muscle Disorders. <i>Pharmacological Reviews</i> , 2016 , 68, 476-532	22.5	233
131	Cortical actin regulation modulates vascular contractility and compliance in veins. <i>Journal of Physiology</i> , 2015 , 593, 3929-41	3.9	12
130	Vascular Smooth Muscle Sirtuin-1 Protects Against Aortic Dissection During Angiotensin II-Induced Hypertension. <i>Journal of the American Heart Association</i> , 2015 , 4, e002384	6	42
129	Mechanisms of the Shock Absorber Function in Proximal Aorta. <i>FASEB Journal</i> , 2015 , 29, 804.2	0.9	
128	Mechanism of calponin stabilization of cross-linked actin networks. <i>Biophysical Journal</i> , 2014 , 106, 793-800		14
127	Aging impairs smooth muscle-mediated regulation of aortic stiffness: a defect in shock absorption function?. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014 , 307, H1252-61	5.2	40

126	The importance of the smooth muscle cytoskeleton to preterm labour. <i>Experimental Physiology</i> , 2014 , 99, 525-9	2.4	11
125	The contribution of vascular smooth muscle to aortic stiffness across length scales. <i>Microcirculation</i> , 2014 , 21, 201-7	2.9	16
124	Hierarchical scaffolding of an ERK1/2 activation pathway. <i>Cell Communication and Signaling</i> , 2013 , 11, 65	7.5	25
123	Regulation of PKC autophosphorylation by calponin in contractile vascular smooth muscle tissue. <i>BioMed Research International</i> , 2013 , 2013, 358643	3	5
122	Phosphorylation at Ser ¹¹⁵ in the ATP-binding site of Ca ²⁺ /calmodulin-dependent kinase II as a mechanism for switching off the kinase activity. <i>Bioscience Reports</i> , 2013 , 33,	4.1	5
121	Vasoconstrictor-induced endocytic recycling regulates focal adhesion protein localization and function in vascular smooth muscle. <i>American Journal of Physiology - Cell Physiology</i> , 2013 , 305, C215-27	5.4	18
120	The focal adhesion: a regulated component of aortic stiffness. <i>PLoS ONE</i> , 2013 , 8, e62461	3.7	50
119	Actin association and stimulus-specific activation of ERK1/2 in smooth muscle cells are regulated at the level of ERK1/2 scaffolds. <i>FASEB Journal</i> , 2013 , 27, 729.7	0.9	
118	Deciphering actin cytoskeletal function in the contractile vascular smooth muscle cell. <i>Journal of Physiology</i> , 2012 , 590, 4145-54	3.9	68
117	Effects of basic calponin on the flexural mechanics and stability of F-actin. <i>Cytoskeleton</i> , 2012 , 69, 49-58	2.4	7
116	Structure and dynamics of the actin-based smooth muscle contractile and cytoskeletal apparatus. <i>Journal of Muscle Research and Cell Motility</i> , 2012 , 33, 461-9	3.5	24
115	Regulation of Smooth Muscle Contraction 2012 , 1173-1180		3
114	Stimulus-specific activation and actin dependency of distinct, spatially separated ERK1/2 fractions in A7r5 smooth muscle cells. <i>PLoS ONE</i> , 2012 , 7, e30409	3.7	6
113	Src modulates contractile vascular smooth muscle function via regulation of focal adhesions. <i>Journal of Cellular Physiology</i> , 2012 , 227, 3585-92	7	42
112	Nonredundant roles of cytoplasmic β - and δ -actin isoforms in regulation of epithelial apical junctions. <i>Molecular Biology of the Cell</i> , 2012 , 23, 3542-53	3.5	46
111	Cinnamyl alcohol attenuates vasoconstriction by activation of K ⁺ channels via NO-cGMP-protein kinase G pathway and inhibition of Rho-kinase. <i>Experimental and Molecular Medicine</i> , 2012 , 44, 749-55	12.8	12
110	Tropomyosin variants describe distinct functional subcellular domains in differentiated vascular smooth muscle cells. <i>American Journal of Physiology - Cell Physiology</i> , 2011 , 300, C1356-65	5.4	32
109	Enhanced contractility and myosin phosphorylation induced by Ca ²⁺ -independent MLCK activity in hypertensive rats. <i>Cardiovascular Research</i> , 2011 , 91, 162-70	9.9	30

108	h3/Acidic calponin: an actin-binding protein that controls extracellular signal-regulated kinase 1/2 activity in nonmuscle cells. <i>Molecular Biology of the Cell</i> , 2010 , 21, 1409-22	3.5	22
107	Par-4: a new activator of myosin phosphatase. <i>Molecular Biology of the Cell</i> , 2010 , 21, 1214-24	3.5	29
106	Actin polymerization in differentiated vascular smooth muscle cells requires vasodilator-stimulated phosphoprotein. <i>American Journal of Physiology - Cell Physiology</i> , 2010 , 298, C559-71	5.4	48
105	A new method for direct detection of the sites of actin polymerization in intact cells and its application to differentiated vascular smooth muscle. <i>American Journal of Physiology - Cell Physiology</i> , 2010 , 299, C988-93	5.4	8
104	Scaffolding proteins and non-proliferative functions of ERK1/2. <i>Communicative and Integrative Biology</i> , 2010 , 3, 354-6	1.7	5
103	Smooth muscle archvillin is an ERK scaffolding protein. <i>Journal of Biological Chemistry</i> , 2009 , 284, 17607-14	5.1	20
102	The pro-apoptotic protein Par-4 facilitates vascular contractility by cytoskeletal targeting of ZIPK. <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 887-95	5.6	19
101	Stretch activates human myometrium via ERK, caldesmon and focal adhesion signaling. <i>PLoS ONE</i> , 2009 , 4, e7489	3.7	41
100	Myometrial mechanoadaptation during pregnancy: implications for smooth muscle plasticity and remodelling. <i>Journal of Cellular and Molecular Medicine</i> , 2008 , 12, 1360-73	5.6	30
99	Smooth muscle signalling pathways in health and disease. <i>Journal of Cellular and Molecular Medicine</i> , 2008 , 12, 2165-80	5.6	160
98	Cytoskeletal remodeling in differentiated vascular smooth muscle is actin isoform dependent and stimulus dependent. <i>American Journal of Physiology - Cell Physiology</i> , 2008 , 295, C768-78	5.4	105
97	Regulation of Ca ²⁺ /calmodulin kinase II by a small C-terminal domain phosphatase. <i>Biochemical Journal</i> , 2008 , 412, 507-16	3.8	8
96	CaMKII287 and T305 regulate history-dependent increases in alpha agonist-induced vascular tone. <i>Journal of Cellular and Molecular Medicine</i> , 2008 , 12, 219-26	5.6	13
95	Focal adhesion signaling is required for myometrial ERK activation and contractile phenotype switch before labor. <i>Journal of Cellular Biochemistry</i> , 2007 , 100, 129-40	4.7	31
94	Enhanced stretch-induced myogenic tone in the basilar artery of spontaneously hypertensive rats. <i>Journal of Vascular Research</i> , 2007 , 44, 182-91	1.9	16
93	Regulation of the uterine contractile apparatus and cytoskeleton. <i>Seminars in Cell and Developmental Biology</i> , 2007 , 18, 296-304	7.5	20
92	Augmented sphingosylphosphorylcholine-induced Ca ²⁺ -sensitization of mesenteric artery contraction in spontaneously hypertensive rat. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2006 , 373, 30-6	3.4	8
91	Fast and slow dynamics of the cytoskeleton. <i>Nature Materials</i> , 2006 , 5, 636-40	27	242

90	C2-ceramide induces vasodilation in phenylephrine-induced pre-contracted rat thoracic aorta: role of RhoA/Rho-kinase and intracellular Ca ²⁺ concentration. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2005 , 372, 242-50	3.4	10
89	MARCKS is a major PKC-dependent regulator of calmodulin targeting in smooth muscle. <i>Journal of Cell Science</i> , 2005 , 118, 3595-605	5.3	29
88	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. <i>Circulation Research</i> , 2005 , 97, 541-9	15.7	64
87	Smooth muscle archvillin: a novel regulator of signaling and contractility in vascular smooth muscle. <i>Journal of Cell Science</i> , 2004 , 117, 5043-57	5.3	38
86	Caveolin-1 regulates contractility in differentiated vascular smooth muscle. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004 , 286, H91-8	5.2	67
85	Role of ERK1/2 in uterine contractility and preterm labor in rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2004 , 287, R328-35	3.2	35
84	Differential functional properties of calmodulin-dependent protein kinase II gamma variants isolated from smooth muscle. <i>Biochemical Journal</i> , 2003 , 372, 347-57	3.8	25
83	ERK1/2-mediated phosphorylation of myometrial caldesmon during pregnancy and labor. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2003 , 284, R192-9	3.2	46
82	Vasodilation by banhabackchulchunmatang, a Chinese medicine, is associated with negative modulation of PKC α activation and NO production. <i>Life Sciences</i> , 2003 , 74, 723-32	6.8	7
81	Differential association and localization of myosin phosphatase subunits during agonist-induced signal transduction in smooth muscle. <i>Circulation Research</i> , 2002 , 90, 546-53	15.7	86
80	Role of protein kinase C- or RhoA-induced Ca ²⁺ sensitization in stretch-induced myogenic tone. <i>Cardiovascular Research</i> , 2002 , 53, 431-8	9.9	62
79	Receptor-coupled contractility of uterine smooth muscle: from membrane to myofilaments. <i>Experimental Physiology</i> , 2001 , 86, 283-8	2.4	21
78	Calponin is required for agonist-induced signal transduction--evidence from an antisense approach in ferret smooth muscle. <i>Journal of Physiology</i> , 2001 , 537, 567-77	3.9	49
77	Invited review: cross-bridge regulation by thin filament-associated proteins. <i>Journal of Applied Physiology</i> , 2001 , 91, 953-62	3.7	196
76	Nonmuscle motility/cytoskeleton. <i>American Journal of Physiology - Cell Physiology</i> , 2001 , 280, C1634-5	5.4	3
75	Calmodulin levels are dynamically regulated in living vascular smooth muscle cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001 , 280, H1422-6	5.2	15
74	Ca ²⁺ -calmodulin-dependent protein kinase II-dependent activation of contractility in ferret aorta. <i>Journal of Physiology</i> , 2000 , 526 Pt 2, 367-74	3.9	86
73	Thin and thick filament regulation of contractility in experimental cerebral vasospasm. <i>Neurosurgery</i> , 2000 , 46, 440-6; discussion 446-7	3.2	41

72	Effects of pinacidil on coronary Ca(2+)-myosin phosphorylation in cold potassium cardioplegia model. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000 , 279, H882-8	5.2	2
71	Evidence for involvement of the PKC-alpha isoform in myogenic contractions of the coronary microcirculation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000 , 279, H916-23	5.2	48
70	Regulation of vascular smooth muscle tone by N-terminal region of caldesmon. Possible role of tethering actin to myosin. <i>Journal of Biological Chemistry</i> , 2000 , 275, 3213-20	5.4	34
69	Regulation of protein kinase C by the cytoskeletal protein calponin. <i>Journal of Biological Chemistry</i> , 2000 , 275, 40329-36	5.4	51
68	Inhibition of PKCalpha and rhoA translocation in differentiated smooth muscle by a caveolin scaffolding domain peptide. <i>Experimental Cell Research</i> , 2000 , 258, 72-81	4.2	68
67	Coronary microvascular protection with mg2+: effects on intracellular calcium regulation and vascular function. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1999 , 276, H1124-30	5.2	5
66	Isozyme-specific inhibitors of protein kinase C translocation: effects on contractility of single permeabilized vascular muscle cells of the ferret. <i>Journal of Physiology</i> , 1999 , 517 (Pt 3), 709-20	3.9	49
65	Intracellular free calcium accumulation in ferret vascular smooth muscle during crystalloid and blood cardioplegic infusions. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1999 , 118, 163-72	1.5	2
64	Preconditioning improves cardioplegia-related coronary microvascular smooth muscle hypercontractility: role of KATP channels. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1999 , 118, 438-45	1.5	9
63	Influence of oxygenation on endothelial modulation of coronary vasomotor function during hyperkalemic cardioplegia. <i>Surgery</i> , 1999 , 126, 264-271	3.6	2
62	Cellular redistribution of PKCalpha, rhoA, and ROKalpha following smooth muscle agonist stimulation. <i>Experimental Cell Research</i> , 1999 , 251, 92-101	4.2	77
61	Extracellular regulated kinase (ERK) interaction with actin and the calponin homology (CH) domain of actin-binding proteins. <i>Biochemical Journal</i> , 1999 , 344, 117-123	3.8	115
60	Extracellular regulated kinase (ERK) interaction with actin and the calponin homology (CH) domain of actin-binding proteins. <i>Biochemical Journal</i> , 1999 , 344, 117	3.8	32
59	Cytoskeletal targeting of calponin in differentiated, contractile smooth muscle cells of the ferret. <i>Journal of Physiology</i> , 1998 , 508 (Pt 1), 187-98	3.9	41
58	PKC-dependent signalling mechanisms in differentiated smooth muscle. <i>Acta Physiologica Scandinavica</i> , 1998 , 164, 495-505		46
57	A role for MAP kinase in differentiated smooth muscle contraction evoked by alpha-adrenoceptor stimulation. <i>American Journal of Physiology - Cell Physiology</i> , 1998 , 275, C1081-6	5.4	137
56	Calponin and mitogen-activated protein kinase signaling in differentiated vascular smooth muscle. <i>Journal of Biological Chemistry</i> , 1997 , 272, 25157-61	5.4	111
55	Requirement for protein kinase C theta for cell cycle progression and formation of actin stress fibers and filopodia in vascular endothelial cells. <i>Journal of Biological Chemistry</i> , 1997 , 272, 28704-11	5.4	78

54	Enzyme Translocations during Smooth Muscle Activation 1996 , 307-319e		7
53	Mechanisms of smooth muscle contraction. <i>Physiological Reviews</i> , 1996 , 76, 967-1003	47.9	600
52	Intracellular calcium, myosin light chain phosphorylation, and contractile force in experimental cerebral vasospasm. <i>Neurosurgery</i> , 1996 , 38, 781-7; discussion 787-8	3.2	78
51	Protein kinase C mediation of Ca(2+)-independent contractions of vascular smooth muscle. <i>Biochemistry and Cell Biology</i> , 1996 , 74, 485-502	3.6	125
50	Strong interaction between caldesmon and calponin. <i>Journal of Biological Chemistry</i> , 1996 , 271, 30336-9	5.4	20
49	Intrinsic tone as potential vascular reserve in conductance and resistance vessels. <i>Circulation</i> , 1996 , 94, 1083-8	16.7	9
48	Intracellular Calcium, Myosin Light Chain Phosphorylation, and Contractile Force in Experimental Cerebral Vasospasm. <i>Neurosurgery</i> , 1996 , 781-788	3.2	9
47	Phosphotyrosine-dependent targeting of mitogen-activated protein kinase in differentiated contractile vascular cells. <i>Circulation Research</i> , 1995 , 76, 1101-8	15.7	76
46	Smooth muscle protein kinase C. <i>Canadian Journal of Physiology and Pharmacology</i> , 1994 , 72, 1392-9	2.4	91
45	Mechanisms of signal transduction during alpha 2-adrenergic receptor-mediated contraction of vascular smooth muscle. <i>Circulation Research</i> , 1993 , 72, 778-85	15.7	36
44	Mechanisms of Ca(2+)-independent contraction in single permeabilized ferret aorta cells. <i>Circulation Research</i> , 1993 , 72, 651-7	15.7	33
43	Negative inotropic and relaxant effects of cocaine on myopathic human ventricular myocardium and epicardial coronary arteries in vitro. <i>Cardiovascular Research</i> , 1993 , 27, 262-8	9.9	26
42	Mechanisms of intrinsic tone in ferret vascular smooth muscle. <i>Journal of Physiology</i> , 1992 , 448, 121-32	3.9	27
41	Phenylephrine-induced translocation of protein kinase C and shortening of two types of vascular cells of the ferret. <i>Journal of Physiology</i> , 1992 , 455, 585-99	3.9	68
40	Ca(2+)-independent change in phosphorylation of the myosin light chain during relaxation of ferret aorta by vasodilators. <i>Journal of Physiology</i> , 1991 , 440, 85-93	3.9	12
39	Increased Ca ²⁺ signaling after alpha-adrenoceptor activation in vascular hypertrophy. <i>Circulation Research</i> , 1991 , 68, 1080-4	15.7	12
38	Imaging of protein kinase C distribution and translocation in living vascular smooth muscle cells. <i>Circulation Research</i> , 1991 , 69, 1626-31	15.7	44
37	Flosequinan, a vasodilator with a novel mechanism of action. <i>British Journal of Pharmacology</i> , 1991 , 102, 974-8	8.6	12

36	The cellular basis of contraction and relaxation in cardiac and vascular smooth muscle. <i>American Heart Journal</i> , 1991 , 121, 961-8	4.9	46
35	Effects of cocaine on excitation-contraction coupling of aortic smooth muscle from the ferret. <i>Journal of Clinical Investigation</i> , 1991 , 87, 1322-8	15.9	43
34	[Ca ²⁺] _i distribution and signalling in vascular hypertrophy. <i>Advances in Experimental Medicine and Biology</i> , 1991 , 304, 303-14	3.6	1
33	Effects of Calcium on Vascular Smooth Muscle Tone. <i>American Journal of Hypertension</i> , 1990 , 3, 291S-298S	3.9	12
32	Effects of Calcium on Vascular Smooth Muscle Tone. <i>American Journal of Hypertension</i> , 1990 , 3, 291S-298S	3.9	4
31	The role of calcium in the control of vascular tone as assessed by the Ca ²⁺ indicator aequorin. <i>Cardiovascular Drugs and Therapy</i> , 1990 , 4, 1355-62	3.9	28
30	Regulation of force in skinned, single cells of ferret aortic smooth muscle. <i>Pflugers Archiv European Journal of Physiology</i> , 1990 , 416, 742-9	4.6	21
29	The nuclear-cytoplasmic [Ca ²⁺] gradient in single mammalian vascular smooth muscle cells. <i>Experimental Biology and Medicine</i> , 1990 , 193, 331-4	3.7	9
28	Differences in alpha-adrenergic responsiveness between human internal mammary arteries and saphenous veins. <i>Circulation</i> , 1989 , 79, 1264-70	16.7	28
27	Pathophysiologic role of calcium in the development of vascular smooth muscle tone. <i>American Journal of Cardiology</i> , 1989 , 64, 35F-40F	3	12
26	Agonist-specific myosin phosphorylation and intracellular calcium during isometric contractions of arterial smooth muscle. <i>Pflugers Archiv European Journal of Physiology</i> , 1989 , 413, 637-43	4.6	102
25	Involvement of the protein kinase C system in calcium-force relationships in ferret aorta. <i>British Journal of Pharmacology</i> , 1989 , 97, 391-400	8.6	46
24	Calcium-force coupling mechanisms during vasodilator-induced relaxation of ferret aorta. <i>Journal of Physiology</i> , 1989 , 412, 123-33	3.9	15
23	Calcium transients in smooth muscle. <i>Annals of the New York Academy of Sciences</i> , 1988 , 522, 328-37	6.5	4
22	Measurements of intracellular calcium concentration in mammalian vascular smooth muscle cells during agonist-induced contractions. <i>Biochemical Society Transactions</i> , 1988 , 16, 493	5.1	5
21	Alterations in cytoplasmic calcium sensitivity during porcine coronary artery contractions as detected by aequorin. <i>Journal of Physiology</i> , 1987 , 385, 437-48	3.9	140
20	Calcium and vascular smooth muscle tone. <i>American Journal of Medicine</i> , 1987 , 82, 9-15	2.4	33
19	Role of calcium ion in maintenance of vascular smooth muscle tone. <i>American Journal of Cardiology</i> , 1987 , 59, 24A-28A	3	5

18	A comparison of two different indicators: quin 2 and aequorin in isolated single cells and intact strips of ferret portal vein. <i>Pflugers Archiv European Journal of Physiology</i> , 1986 , 406, 427-9	4.6	19
17	Calcium-force relationships as detected with aequorin in two different vascular smooth muscles of the ferret. <i>Journal of Physiology</i> , 1985 , 369, 269-82	3.9	143
16	Responses of enzymatically isolated mammalian vascular smooth muscle cells to pharmacological and electrical stimuli. <i>Pflugers Archiv European Journal of Physiology</i> , 1985 , 404, 100-2	4.6	33
15	Alterations of excitation-contraction coupling by platelet-derived growth factor in enzymatically isolated and cultured vascular smooth muscle cells. <i>Pflugers Archiv European Journal of Physiology</i> , 1985 , 405, 77-9	4.6	19
14	Alteration of cytoplasmic ionized calcium levels in smooth muscle by vasodilators in the ferret. <i>Journal of Physiology</i> , 1984 , 357, 539-51	3.9	138
13	A chemical procedure for loading the calcium indicator acquirin into mammalian working myocardium. <i>Pflugers Archiv European Journal of Physiology</i> , 1984 , 400, 338-40	4.6	33
12	Calcium and cardiovascular function. Intracellular calcium levels during contraction and relaxation of mammalian cardiac and vascular smooth muscle as detected with aequorin. <i>American Journal of Medicine</i> , 1984 , 77, 33-46	2.4	131
11	Stimulus-specific patterns of intracellular calcium levels in smooth muscle of ferret portal vein. <i>Journal of Physiology</i> , 1984 , 351, 155-67	3.9	317
10	Comparison of membrane electrical activity of cat gastric submucosal arterioles and venules. <i>Journal of Physiology</i> , 1983 , 345, 135-47	3.9	15
9	Vascular smooth muscle: the first recorded Ca ²⁺ transients. <i>Pflugers Archiv European Journal of Physiology</i> , 1982 , 395, 75-7	4.6	226
8	The electrical basis for contraction and relaxation in canine fundal smooth muscle. <i>Journal of Physiology</i> , 1981 , 311, 475-88	3.9	63
7	Mechanisms of phasic and tonic actions of pentagastrin on canine gastric smooth muscle. <i>Journal of Physiology</i> , 1980 , 301, 229-42	3.9	74
6	Use of aequorin to study excitation--contraction coupling in mammalian smooth muscle. <i>Nature</i> , 1980 , 288, 585-7	50.4	44
5	Intracellular electrical activity of canine and human gastric smooth muscle. <i>Journal of Physiology</i> , 1978 , 279, 291-307	3.9	136
4	The inhibitory effects of vasoactive intestinal polypeptide on the mechanical and electrical activity of canine antral smooth muscle. <i>Journal of Physiology</i> , 1978 , 282, 437-50	3.9	74
3	Effects of pentagastrin, G17, and G34 on the electrical and mechanical activities of canine antral smooth muscle. <i>Gastroenterology</i> , 1978 , 75, 405-412	13.3	34
2	Human gastric atony with tachygastria and gastric retention. <i>Gastroenterology</i> , 1978 , 75, 497-501	13.3	169
1	Bcl11b is a Newly Identified Regulator of Vascular Smooth Muscle Phenotype and Arterial Stiffness		2

