Katsuya Hirano

List of Publications by Year
in descending order

152	4,561	126708	123241
papers	citations	33 h-index	61 g-index

157	157	157	4372
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lactulose Modulates the Structure of Gut Microbiota and Alleviates Colitis-Associated Tumorigenesis. Nutrients, 2022, 14, 649.	1.7	19
2	Therapeutic effect of lactulose on intestinal flora structure and composition in colitis-associated tumorigenesis. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2022, 95, 2-O-094.	0.0	0
3	Inhibitory Effects of Breast Milk-Derived Lactobacillus rhamnosus Probio-M9 on Colitis-Associated Carcinogenesis by Restoration of the Gut Microbiota in a Mouse Model. Nutrients, 2021, 13, 1143.	1.7	39
4	Chronic Inhibition of Tollâ€Like Receptor 9 Ameliorates Pulmonary Hypertension in Rats. Journal of the American Heart Association, 2021, 10, e019247.	1.6	15
5	Substantial involvement of TRPM7 inhibition in the therapeutic effect of Ophiocordyceps sinensis on pulmonary hypertension. Translational Research, 2021, 233, 127-143.	2.2	3
6	Eicosapentaenoic acid ameliorates pulmonary hypertension via inhibition of tyrosine kinase Fyn. Journal of Molecular and Cellular Cardiology, 2020, 148, 50-62.	0.9	10
7	Pro-Arrhythmic Signaling of Thyroid Hormones and Its Relevance in Subclinical Hyperthyroidism. International Journal of Molecular Sciences, 2020, 21, 2844.	1.8	22
8	Involvement of different receptor subtypes in prostaglandin E2-induced contraction and relaxation in the lower esophageal sphincter and esophageal body. European Journal of Pharmacology, 2019, 857, 172405.	1.7	4
9	COA-Cl prevented TGF-Î²1-induced CTGF expression by Akt dephosphorylation in normal human dermal fibroblasts, and it attenuated skin fibrosis in mice models of systemic sclerosis. Journal of Dermatological Science, 2019, 94, 205-212.	1.0	13
10	Coagulation factor XI induces Ca2+response and accelerates cell migration in vascular smooth muscle cells via proteinase-activated receptor 1. American Journal of Physiology - Cell Physiology, 2019, 316, C377-C392.	2.1	3
11	Proteinase-activated receptor 1 antagonism ameliorates experimental pulmonary hypertension. Cardiovascular Research, 2019, 115, 1357-1368.	1.8	15
12	Proteinase-activated receptor 1 (PAR₁)-mediated cellular effects of coagulation factor XI in vascular smooth muscle cells. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2019, 92, 2-O-30.	0.0	0
13	Ubiquinone binding site of yeast NADH dehydrogenase revealed by structures binding novel competitive- and mixed-type inhibitors. Scientific Reports, 2018, 8, 2427.	1.6	15
14	Endogenous Hydrogen Sulfide Contributes to Tone Generation in Porcine Lower Esophageal Sphincter Via Na+/Ca2+ Exchanger. Cellular and Molecular Gastroenterology and Hepatology, 2018, 5, 209-221.	2.3	5
15	Protein phosphatases 1 and 2A and their naturally occurring inhibitors: current topics in smooth muscle physiology and chemical biology. Journal of Physiological Sciences, 2018, 68, 1-17.	0.9	22
16	A role of coagulation factor XI as a regulator of vascular smooth muscle migration. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO3-3-21.	0.0	0
17	The Unique Property of the Pulmonary Artery Regarding the Smooth Muscle Effects of Proteinase-Activated Receptor 1: The Possible Contribution to the Pathogenesis of Pulmonary Hypertension. , 2017, , 77-87.		1
18	Trypsin induces biphasic muscle contraction and relaxation via transient receptor potential vanilloid 1 and neurokinin receptors 1/2 in porcine esophageal body. European Journal of Pharmacology, 2017, 797, 65-74.	1.7	3

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19	Functional loss of DHRS7C induces intracellular Ca²⁺ overload and myotube enlargement in C2C12 cells via calpain activation. American Journal of Physiology - Cell Physiology, 2017, 312, C29-C39.	2.1	13
20	A protease-activated receptor-1 antagonist protects against podocyte injury in a mouse model of nephropathy. Journal of Pharmacological Sciences, 2017, 135, 81-88.	1.1	22
21	Increase in tumor suppressor Arf compensates gene dysregulation in in vitro aged adipocytes. Biogerontology, 2017, 18, 55-68.	2.0	4
22	Myosin di-phosphorylation and peripheral actin bundle formation as initial events during endothelial barrier disruption. Scientific Reports, 2016, 6, 20989.	1.6	41
23	A key role of PGC-1Î± transcriptional coactivator in production of VEGF by a novel angiogenic agent COA-Cl in cultured human fibroblasts. Physiological Reports, 2016, 4, e12742.	0.7	12
24	Su1066 Trypsin Induced a Transient Contraction via a PAR2/TRPV1/Neurokinin Receptors Pathway in Circular Smooth Muscle of Porcine Esophageal Body. Gastroenterology, 2016, 150, S458.	0.6	0
25	Su1067 Involvement of Different Subtypes of Receptor in Prostaglandin E2-Induced Motile Function in Lower Esophageal Sphincter and Esophageal Body Smooth Muscle. Gastroenterology, 2016, 150, S458.	0.6	0
26	Purinergic P2Y ₆ receptors heterodimerize with angiotensin AT1 receptors to promote angiotensin IIâ€“induced hypertension. Science Signaling, 2016, 9, ra7.	1.6	63
27	375 Endogenous H2S Contributes to Myogenic Tone Generation in Lower Esophageal Sphincter: Possible Involvement of Na+/CA2+ Exchanger. Gastroenterology, 2015, 148, S-78.	0.6	0
28	Nicorandil prevents sirolimus-induced production of reactive oxygen species, endothelial dysfunction, and thrombus formation. Journal of Pharmacological Sciences, 2015, 127, 284-291.	1.1	17
29	Trypsin-induced biphasic regulation of tone in the porcine lower esophageal sphincter. European Journal of Pharmacology, 2015, 752, 97-105.	1.7	3
30	Abstract 15241: Proteinase-activated Receptor 1 Antagonist Inhibited the Progression of Monocrotaline Induced Pulmonary Hypertension in Rats. Circulation, 2015, 132, .	1.6	0
31	Involvement of S1P 1 receptor pathway in angiogenic effects of a novel adenosineâ€like nucleic acid analog COA â€Cl in cultured human vascular endothelial cells. Pharmacology Research and Perspectives, 2014, 2, e00068.	1.1	16
32	Novel Dual Endothelin Receptor Antagonist Macitentan Reverses Severe Pulmonary Arterial Hypertension in Rats. Journal of Cardiovascular Pharmacology, 2014, 64, 473-480.	0.8	9
33	Tu1877 Different Contractile and Relaxant Effects of Trypsin in Phasic Smooth Muscles of the Esophageal Body and the Tonic Lower Esophageal Sphincter. Gastroenterology, 2014, 146, S-862.	0.6	0
34	Neuronatin is related to keratinocyte differentiation by up-regulating involucrin. Journal of Dermatological Science, 2014, 73, 225-231.	1.0	8
35	Potential of proteinase-activated receptors as a novel target for treatment of pulmonary hypertension. Folia Pharmacologica Japonica, 2014, 143, 182-186.	0.1	0
36	Tu1829 Trypsin Induced BiPhasic Contraction and Relaxation in the Porcine Lower Esophageal Sphincter. Gastroenterology, 2013, 144, S-857.	0.6	0

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37	Voltage-dependent N-type Ca2+ channels in endothelial cells contribute to oxidative stress-related endothelial dysfunction induced by angiotensin II in mice. Biochemical and Biophysical Research Communications, 2013, 434, 210-216.	1.0	13
38	Measurement of [Ca2+]i in Smooth Muscle Strips Using Front-Surface Fluorimetry. Methods in Molecular Biology, 2013, 937, 207-216.	0.4	2
39	Pivotal Role of Rho-Associated Kinase 2 in Generating the Intrinsic Circadian Rhythm of Vascular Contractility. Circulation, 2013, 127, 104-114.	1.6	33
40	Mechanisms Underlying Potentiation of Endothelin-1-Induced Myofilament Ca²⁺ Sensitization after Subarachnoid Hemorrhage. Journal of Cerebral Blood Flow and Metabolism, 2012, 32, 341-352.	2.4	25
41	Combined argatroban and antiâ€oxidative agents prevents increased vascular contractility to thrombin and other ligands after subarachnoid haemorrhage. British Journal of Pharmacology, 2012, 165, 106-119.	2.7	23
42	Cilostazol Suppresses Angiotensin IIâ€“Induced Vasoconstriction via Protein Kinase Aâ€“Mediated Phosphorylation of the Transient Receptor Potential Canonical 6 Channel. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 2278-2286.	1.1	44
43	Current Perspective on the Role of the Thrombin Receptor in Cerebral Vasospasm After Subarachnoid Hemorrhage. Journal of Pharmacological Sciences, 2010, 114, 127-133.	1.1	17
44	Thrombin activation of proteinaseâ€activated receptor 1 potentiates the myofilament Ca²⁺ sensitivity and induces vasoconstriction in porcine pulmonary arteries. British Journal of Pharmacology, 2010, 159, 919-927.	2.7	15
45	Impaired Feedback Regulation of the Receptor Activity and the Myofilament Ca²⁺ Sensitivity Contributes to Increased Vascular Reactiveness after Subarachnoid Hemorrhage. Journal of Cerebral Blood Flow and Metabolism, 2010, 30, 1637-1650.	2.4	31
46	Upregulation of Proteinase-Activated Receptor-2 and Increased Response to Trypsin in Endothelial Cells after Exposure to Oxidative Stress in Rat Aortas. Journal of Vascular Research, 2010, 47, 494-506.	0.6	24
47	Involvement of Reactive Oxygen Species in Thrombin-induced Pulmonary Vasoconstriction. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 1435-1444.	2.5	21
48	Intrinsic circadian oscillation of myosin light chain phosphorylation in vascular smooth muscle cells. FASEB Journal, 2010, 24, 985.14.	0.2	0
49	Enhanced Contractile Response of the Basilar Artery to Platelet-Derived Growth Factor in Subarachnoid Hemorrhage. Stroke, 2009, 40, 591-596.	1.0	25
50	Involvement of STIM1 in the proteinaseâ€activated receptor 1â€mediated Ca²⁺ influx in vascular endothelial cells. Journal of Cellular Biochemistry, 2009, 108, 499-507.	1.2	22
51	Basic and Translational Research on Proteinase-Activated Receptors: Preface. Journal of Pharmacological Sciences, 2008, 108, 406-407.	1.1	2
52	Basic and Translational Research on Proteinase-Activated Receptors: The Role of Thrombin Receptor in Cerebral Vasospasm in Subarachnoid Hemorrhage. Journal of Pharmacological Sciences, 2008, 108, 426-432.	1.1	18
53	The Roles of Proteinase-Activated Receptors in the Vascular Physiology and Pathophysiology. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 27-36.	1.1	154
54	Plasmin Induces Endothelium-Dependent Nitric Oxideâ€“Mediated Relaxation in the Porcine Coronary Artery. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 949-954.	1.1	4

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55	Distinct Ca2+ Requirement for NO Production between Proteinase-Activated Receptor 1 and 4 (PAR1) Tj ETQq1 1 0.784314 rgBT /Ov 2007, 322, 668-677.	1.3	30
56	Prevention of the Hypercontractile Response to Thrombin by Proteinase-Activated Receptor-1 Antagonist in Subarachnoid Hemorrhage. Stroke, 2007, 38, 3259-3265.	1.0	57
57	Current Topics in the Regulatory Mechanism Underlying the Ca2+ Sensitization of the Contractile Apparatus in Vascular Smooth Muscle. Journal of Pharmacological Sciences, 2007, 104, 109-115.	1.1	144
58	Involvement of Na+ -Ca2+ exchanger in cAMP-mediated relaxation in mice aorta: Evaluation using transgenic mice. British Journal of Pharmacology, 2007, 150, 434-444.	2.7	11
59	Dimethyl sulphoxide relaxes rabbit detrusor muscle by decreasing the Ca2+ sensitivity of the contractile apparatus. British Journal of Pharmacology, 2007, 151, 1014-1024.	2.7	35
60	Upâ€regulation of proteinaseâ€activated receptor 1 and increased contractile responses to thrombin after subarachnoid haemorrhage. British Journal of Pharmacology, 2007, 152, 1131-1139.	2.7	32
61	Rac1-dependent transcriptional up-regulation of p27Kip1 by homophilic cellâ€“cell contact in vascular endothelial cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2007, 1773, 1500-1510.	1.9	3
62	Long-term inhibition of Rho kinase suppresses intimal thickening in autologous vein grafts in rabbits. Journal of Vascular Surgery, 2006, 43, 1249-1256.	0.6	33
63	Involvement of Gi/o in the PAR-4-induced NO production in endothelial cells. Biochemical and Biophysical Research Communications, 2006, 342, 365-371.	1.0	13
64	Prostaglandin F2Î±, but Not Latanoprost, Increases the Ca2+Sensitivity of the Pig Iris Sphincter Muscle. , 2006, 47, 4865.		6
65	Involvement of de novo ceramide synthesis in radiocontrast-induced renal tubular cell injury. Kidney International, 2006, 69, 288-297.	2.6	48
66	Upregulation of proteinase-activated receptors and hypercontractile responses precede development of arterial lesions after balloon injury. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 291, H2388-H2395.	1.5	17
67	Physiology and Pathophysiology of Proteinase-Activated Receptors (PARs): Regulation of the Expression of PARs. Journal of Pharmacological Sciences, 2005, 97, 31-37.	1.1	16
68	The mechanism underlying the contractile effect of a chemotactic peptide, formyl-Met-Leu-Phe on the guinea-pig Taenia coli. British Journal of Pharmacology, 2005, 145, 353-363.	2.7	2
69	Enhancement of trypsin-induced contraction by in vivo treatment with 17Î² -estradiol and progesterone in rat myometrium. British Journal of Pharmacology, 2005, 146, 425-434.	2.7	6
70	Functional role of PKC in contraction of cultured human prostatic stromal cells. Journal of Cellular Biochemistry, 2005, 96, 65-78.	1.2	5
71	Rac1 Regulation of Surface Expression of Protease-Activated Receptor-1 and Responsiveness to Thrombin in Vascular Smooth Muscle Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 1506-1511.	1.1	18
72	Contractile Properties of the Cultured Vascular Smooth Muscle Cells. Circulation Research, 2005, 96, 890-897.	2.0	46

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73	Long-Term Inhibition of RhoA Attenuates Vascular Contractility by Enhancing Endothelial NO Production in an Intact Rabbit Mesenteric Artery. Circulation Research, 2005, 96, 1014-1021.	2.0	68
74	Regulation of myosin phosphorylation and myofilament Ca²⁺ sensitivity in vascular smooth muscle. Journal of Smooth Muscle Research, 2004, 40, 219-236.	0.7	72
75	Endothelium-Dependent and Independent Enhancement of Vascular Contractility in the Ovariectomized Rabbit. Journal of the Society for Gynecologic Investigation, 2004, 11, 272-279.	1.9	1
76	Transduction of the N-Terminal Fragments of MYPT1 Enhances Myofilament Ca 2+ Sensitivity in an Intact Coronary Artery. Arteriosclerosis, Thrombosis, and Vascular Biology, 2004, 24, 464-469.	1.1	11
77	Endothelial dysfunction and altered bradykinin response due to oxidative stress induced by serum deprivation in the bovine cerebral artery. European Journal of Pharmacology, 2004, 491, 53-60.	1.7	16
78	Inactivation of protease-activated receptor-1 by proteolytic removal of the ligand region in vascular endothelial cells. Biochemical Pharmacology, 2004, 68, 23-32.	2.0	13
79	Ca 2+ SENSITIZATION IN CONTRACTION OF HUMAN BLADDER SMOOTH MUSCLE. Journal of Urology, 2004, 172, 748-752.	0.2	79
80	A critical period requiring Rho proteins for cell cycle progression uncovered by reversible protein transduction in endothelial cells. FEBS Letters, 2004, 570, 149-154.	1.3	11
81	Facilitation of proteasomal degradation of p27Kip1by N-terminal cleavage and their sequence requirements. FEBS Letters, 2004, 574, 111-115.	1.3	4
82	Akt plays a central role in the anti-apoptotic effect of estrogen in endothelial cells. Biochemical and Biophysical Research Communications, 2004, 324, 321-325.	1.0	23
83	Protein kinase network in the regulation of phosphorylation and dephosphorylation of smooth muscle myosin light chain. Molecular and Cellular Biochemistry, 2003, 248, 105-114.	1.4	76
84	Intracellular alkalinization induces Ca2+ influx via non-voltage-operated Ca2+ channels in rat aortic smooth muscle cells. Cell Calcium, 2003, 34, 477-484.	1.1	23
85	Sequence requirement for nuclear localization and growth inhibition of p27Kip1R, a degradation-resistant isoform of p27Kip1. Journal of Cellular Biochemistry, 2003, 89, 191-202.	1.2	6
86	Rho-kinase inhibitor inhibits both myosin phosphorylation-dependent and -independent enhancement of myofilament Ca2+ sensitivity in the bovine middle cerebral artery. British Journal of Pharmacology, 2003, 140, 871-880.	2.7	27
87	Theophylline attenuates Ca2+ sensitivity and modulates BK channels in porcine tracheal smooth muscle. British Journal of Pharmacology, 2003, 140, 939-947.	2.7	17
88	An Important Role for the Na + â€Ca 2+ Exchanger in the Decrease in Cytosolic Ca 2+ Concentration induced by Isoprenaline in the Porcine Coronary Artery. Journal of Physiology, 2003, 549, 553-562.	1.3	22
89	Modulation of Ca 2+ Sensitivity Regulates Contractility of Rabbit Corpus Cavernosum Smooth Muscle. Journal of Urology, 2003, 169, 2412-2416.	0.2	24
90	Unproductive cleavage and the inactivation of protease-activated receptor-1 by trypsin in vascular endothelial cells. British Journal of Pharmacology, 2003, 138, 121-130.	2.7	31

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91	Inhibition of interferon-Î³-activated nuclear factor-ÎºB by cyclosporin A: a possible mechanism for synergistic induction of apoptosis by interferon-Î³ and cyclosporin A in gastric carcinoma cells. Biochemical and Biophysical Research Communications, 2003, 305, 797-805.	1.0	15
92	Downregulation of Vascular Angiotensin II Type 1 Receptor by Thyroid Hormone. Hypertension, 2003, 41, 598-603.	1.3	75
93	Cellular Mechanism of Vasoconstriction Induced by Angiotensin II. Circulation Research, 2003, 93, 1015-1017.	2.0	59
94	Role of Protease-activated Receptors in the Vascular System. Journal of Atherosclerosis and Thrombosis, 2003, 10, 211-225.	0.9	100
95	Mechanism of down-regulation of L-type Ca2+ channel in the proliferating smooth muscle cells of rat aorta. Journal of Cellular Biochemistry, 2002, 87, 242-251.	1.2	30
96	The mechanisms for tachykinin-induced contractions of the rabbit corpus cavernosum. British Journal of Pharmacology, 2002, 137, 845-854.	2.7	6
97	Transcriptional Up-regulation of p27Kip1 during Contact-Induced Growth Arrest in Vascular Endothelial Cells. Experimental Cell Research, 2001, 271, 356-367.	1.2	31
98	Myotonic dystrophy protein kinase phosphorylates the myosin phosphatase targeting subunit and inhibits myosin phosphatase activity. FEBS Letters, 2001, 493, 80-84.	1.3	86
99	Cloning and functional expression of a degradation-resistant novel isoform of p27Kip1. Biochemical Journal, 2001, 353, 51-57.	1.7	15
100	Hydroxyfasudil, an Active Metabolite of Fasudil Hydrochloride, Relaxes the Rabbit Basilar Artery by Disinhibition of Myosin Light Chain Phosphatase. Journal of Cerebral Blood Flow and Metabolism, 2001, 21, 876-885.	2.4	32
101	Leukotriene C4 enhances the contraction of porcine tracheal smooth muscle through the activation of Y-27632, a rho kinase inhibitor, sensitive pathway. British Journal of Pharmacology, 2001, 132, 111-118.	2.7	27
102	The mechanism for the contraction induced by leukotriene C4 in guinea-pig taenia coli. British Journal of Pharmacology, 2001, 133, 529-538.	2.7	8
103	Mechanism of trypsin-induced contraction in the rat myometrium: the possible involvement of a novel member of protease-activated receptor. British Journal of Pharmacology, 2001, 133, 1276-1285.	2.7	21
104	Inhibitory effects of brefeldin A, a membrane transport blocker, on the bradykinin-induced hyperpolarization-mediated relaxation in the porcine coronary artery. British Journal of Pharmacology, 2001, 134, 168-178.	2.7	10
105	Mechanism of trypsin-induced endothelium-dependent vasorelaxation in the porcine coronary artery. British Journal of Pharmacology, 2001, 134, 815-826.	2.7	19
106	Ca 2+ influx in the endothelial cells is required for the bradykininâ€induced endotheliumâ€dependent contraction in the porcine interlobar renal artery. Journal of Physiology, 2001, 534, 701-711.	1.3	8
107	Downregulation of Angiotensin II Type 1 Receptor by Hydrophobic 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Inhibitors in Vascular Smooth Muscle Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2001, 21, 1896-1901.	1.1	123
108	Cloning and functional expression of a degradation-resistant novel isoform of p27Kip1. Biochemical Journal, 2000, 353, 51.	1.7	3

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109	Changes in the cytosolic Ca2+ concentration and Ca2+ -sensitivity of the contractile apparatus during angiotensin II-induced desensitization in the rabbit femoral artery. British Journal of Pharmacology, 2000, 129, 425-436.	2.7	12
110	The mechanism of the decrease in cytosolic Ca2+ concentrations induced by angiotensin II in the high K+ -depolarized rabbit femoral artery. British Journal of Pharmacology, 2000, 129, 437-447.	2.7	7
111	The mechanism of bradykinin-induced endothelium-dependent contraction and relaxation in the porcine interlobar renal artery. British Journal of Pharmacology, 2000, 129, 943-952.	2.7	30
112	Mechanisms underlying the neurokinin A-induced contraction of the pregnant rat myometrium. British Journal of Pharmacology, 2000, 130, 1165-1173.	2.7	12
113	Stimulus-specific alteration of the relationship between cytosolic Ca2+ transients and nitric oxide production in endothelial cells ex vivo. British Journal of Pharmacology, 2000, 130, 1140-1146.	2.7	37
114	Mechanisms of the thapsigargin-induced Ca2+ entry in in situ endothelial cells of the porcine aortic valve and the endothelium-dependent relaxation in the porcine coronary artery. British Journal of Pharmacology, 2000, 131, 115-123.	2.7	15
115	Alteration of the [Ca2+]i -force relationship during the vasorelaxation induced by a Ca2+ channel blocker SR33805 in the porcine coronary artery. British Journal of Pharmacology, 2000, 131, 1597-1606.	2.7	4
116	Enhanced contractile response to thrombin in the pregnant rat myometrium. British Journal of Pharmacology, 2000, 131, 1619-1628.	2.7	24
117	Thrombin causes endothelium-dependent biphasic regulation of vascular tone in the porcine renal interlobar artery. British Journal of Pharmacology, 2000, 131, 1635-1642.	2.7	42
118	Proteolysis and phosphorylation-mediated regulation of thrombin receptor activity in in situ endothelial cells. European Journal of Pharmacology, 2000, 389, 13-23.	1.7	16
119	Dissociation between the Ca2+ signal and tube formation induced by vascular endothelial growth factor in bovine aortic endothelial cells. European Journal of Pharmacology, 2000, 398, 19-29.	1.7	12
120	Mitogen-induced up-regulation of non-smooth muscle isoform of Î±-tropomyosin in rat aortic smooth muscle cells. European Journal of Pharmacology, 2000, 406, 209-218.	1.7	7
121	Peroxisome Proliferator-Activated Receptor Î³ Activators Downregulate Angiotensin II Type 1 Receptor in Vascular Smooth Muscle Cells. Circulation, 2000, 102, 1834-1839.	1.6	165
122	Minimal Requirements for the Nuclear Localization of p27Kip1, a Cyclin-Dependent Kinase Inhibitor. Biochemical and Biophysical Research Communications, 2000, 274, 37-42.	1.0	57
123	Differential effects of progesterone and 17Î²-estradiol on the Ca2+ entry induced by thapsigargin and endothelin-1 in in situ endothelial cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2000, 1499, 109-121.	1.9	10
124	Hydrogen peroxide is an endothelium-derived hyperpolarizing factor in mice. Journal of Clinical Investigation, 2000, 106, 1521-1530.	3.9	645
125	NH2-terminal fragments of the 130 kDa subunit of myosin phosphatase increase the Ca2+sensitivity of porcine renal artery. Journal of Physiology, 1999, 516, 55-65.	1.3	21
126	Vasorelaxation and inhibition of the voltage-operated Ca2+ channels by FK506 in the porcine coronary artery. British Journal of Pharmacology, 1999, 126, 717-729.	2.7	24

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127	Thapsigargin-induced endothelium-dependent triphasic regulation of vascular tone in the porcine renal artery. British Journal of Pharmacology, 1999, 128, 689-699.	2.7	21
128	Interactions of protein phosphatase type 1, with a focus on myosin phosphatase. , 1999, 190, 79-84.		30
129	Troglitazone inhibits the capacitative Ca2+ entry in endothelial cells. European Journal of Pharmacology, 1999, 373, 111-120.	1.7	15
130	The Exogenously Added Small Subunit of Smooth Muscle Myosin Phosphatase Increases the Ca2+Sensitivity of the Contractile Apparatus in the Permeabilized Porcine Renal Artery. Biochemical and Biophysical Research Communications, 1999, 254, 158-163.	1.0	10
131	Expression, Subcellular Localization, and Cloning of the 130-kDa Regulatory Subunit of Myosin Phosphatase in Porcine Aortic Endothelial Cells. Biochemical and Biophysical Research Communications, 1999, 254, 490-496.	1.0	34
132	Interactions of protein phosphatase type 1, with a focus on myosin phosphatase. , 1999, , 79-84.		0
133	Mechanisms of galanin-induced contraction in the rat myometrium. British Journal of Pharmacology, 1998, 124, 1623-1632.	2.7	29
134	Mechanism of endothelium-dependent relaxation induced by thrombin in the pig coronary artery. European Journal of Pharmacology, 1998, 351, 67-77.	1.7	33
135	Expression and function of Î±1-adrenoceptor subtypes in the porcine renal artery. European Journal of Pharmacology, 1998, 341, 95-103.	1.7	4
136	Mechanisms of Vasorelaxation Induced by Troglitazone, a Novel Antidiabetic Drug, in the Porcine Coronary Artery. Circulation, 1998, 98, 2446-2452.	1.6	39
137	Interactions of the Subunits of Smooth Muscle Myosin Phosphatase. Journal of Biological Chemistry, 1997, 272, 3683-3688.	1.6	91
138	Cloning and characterization of a protein phosphatase type 1-binding subunit from smooth muscle similar to the glycogen-binding subunit of liver. BBA - Proteins and Proteomics, 1997, 1339, 177-180.	2.1	10
139	Interactions and Properties of Smooth Muscle Myosin Phosphataseâ€. Biochemistry, 1996, 35, 6313-6320.	1.2	89
140	Interaction of protein phosphatase type 1 with a splicing factor. FEBS Letters, 1996, 389, 191-194.	1.3	61
141	Interaction of the Ribosomal Protein, L5, with Protein Phosphatase Type 1. Journal of Biological Chemistry, 1995, 270, 19786-19790.	1.6	54
142	The effects of a novel vasodilator, LPâ€805, on cytosolic Ca²⁺concentrations and on tension in rabbit isolated femoral arteries. British Journal of Pharmacology, 1994, 113, 1173-1182.	2.7	2
143	Enhancement by captopril of bradykinin-induced calcium transients in cultured endothelial cells of the bovine aorta. European Journal of Pharmacology, 1993, 244, 133-137.	2.7	18
144	Cytosolic Ca2+ transients in endothelium-dependent relaxation of pig coronary artery, and effects of captopril. European Journal of Pharmacology, 1993, 250, 439-446.	1.7	8

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145	Role of extracellular and intracellular sources of Ca²⁺ in sarafotoxin S6bâ€induced contraction of strips of the rat aorta. British Journal of Pharmacology, 1993, 108, 30-37.	2.7	7
146	Morphological changes of cultured cells induced by phosphatase inhibitors*1. Journal of Molecular and Cellular Cardiology, 1992, 24, S63.	0.9	0
147	Changes in the cytoskeleton of 3T3 fibroblasts induced by the phosphatase inhibitor, calyculin-A. Journal of Muscle Research and Cell Motility, 1992, 13, 341-353.	0.9	43
148	Temporal changes in the calciumâ€force relation during histamineâ€induced contractions of strips of the coronary artery of the pig. British Journal of Pharmacology, 1991, 102, 27-34.	2.7	20
149	Effects of glibenclamide on cytosolic calcium concentrations and on contraction of the rabbit aorta. British Journal of Pharmacology, 1991, 102, 113-118.	2.7	17
150	Effects of diltiazem on calcium concentrations in the cytosol and on force of contractions in porcine coronary arterial strips. British Journal of Pharmacology, 1990, 101, 273-280.	2.7	75
151	Endothelin-induced CA-independent contraction of the porcine coronary artery. Biochemical and Biophysical Research Communications, 1989, 160, 1302-1308.	1.0	80
152	Effects of okadaic acid on cytosolic calcium concentrations and on contractions of the porcine coronary artery. British Journal of Pharmacology, 1989, 98, 1261-1266.	2.7	45