Xiaoqiang Yao

List of Publications by Year
in descending order

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236	11,743	23500 58	39575 94
papers	citations	h-index	g-index

237	237	237	14523
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	TM9SF4 Is a Crucial Regulator of Inflammation and ER Stress in Inflammatory Bowel Disease. Cellular and Molecular Gastroenterology and Hepatology, 2022, 14, 245-270.	2.3	9
2	TRPM2 Promotes Atherosclerotic Progression in a Mouse Model of Atherosclerosis. Cells, 2022, 11, 1423.	1.8	14
3	Endogenous ion channels expressed in human embryonic kidney (HEK-293) cells. Pflugers Archiv European Journal of Physiology, 2022, 474, 665-680.	1.3	13
4	TRPV1 channels regulate the automaticity of embryonic stem cellâ€derived cardiomyocytes through stimulating the Na⁺/Ca²⁺ exchanger current. Journal of Cellular Physiology, 2021, 236, 6806-6823.	2.0	7
5	TRPC7 regulates the electrophysiological functions of embryonic stem cell-derived cardiomyocytes. Stem Cell Research and Therapy, 2021, 12, 262.	2.4	9
6	Ang II Promotes Cardiac Autophagy and Hypertrophy via Orai1/STIM1. Frontiers in Pharmacology, 2021, 12, 622774.	1.6	16
7	Extracellular and Intracellular Angiotensin II Regulate the Automaticity of Developing Cardiomyocytes via Different Signaling Pathways. Frontiers in Molecular Biosciences, 2021, 8, 699827.	1.6	3
8	Endolysosomal ion channel MCOLN2 (Mucolipin-2) promotes prostate cancer progression via IL-1Î²/NF-ÎºB pathway. British Journal of Cancer, 2021, 125, 1420-1431.	2.9	12
9	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 422 Td	4.3	1,430
10	TM9SF4 is a novel regulator in lineage commitment of bone marrow mesenchymal stem cells to either osteoblasts or adipocytes. Stem Cell Research and Therapy, 2021, 12, 573.	2.4	6
11	Identification of TRPM2 as a Marker Associated With Prognosis and Immune Infiltration in Kidney Renal Clear Cell Carcinoma. Frontiers in Molecular Biosciences, 2021, 8, 774905.	1.6	2
12	Focal TLR4 activation mediates disturbed flow-induced endothelial inflammation. Cardiovascular Research, 2020, 116, 226-236.	1.8	50
13	Post-Translational Modification and Natural Mutation of TRPC Channels. Cells, 2020, 9, 135.	1.8	15
14	TRPM2 promotes autophagic degradation in vascular smooth muscle cells. Scientific Reports, 2020, 10, 20719.	1.6	13
15	TRPP2 and STIM1 form a microdomain to regulate store-operated Ca2+ entry and blood vessel tone. Cell Communication and Signaling, 2020, 18, 138.	2.7	10
16	Transient Receptor Potential Canonical 5-Scramblase Signaling Complex Mediates Neuronal Phosphatidylserine Externalization and Apoptosis. Cells, 2020, 9, 547.	1.8	10
17	TRPC1 participates in the HSV-1 infection process by facilitating viral entry. Science Advances, 2020, 6, eaaz3367.	4.7	16
18	Resveratrol Stimulates the Na+â€“Ca2+ Exchanger on the Plasma Membrane to Reduce Cytosolic Ca2+ in Rat Aortic Smooth Muscle Cells. Journal of Cardiovascular Pharmacology, 2020, 76, 610-616.	0.8	2

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19	Knockdown of TM9SF4 boosts ER stress to trigger cell death of chemoresistant breast cancer cells. Oncogene, 2019, 38, 5778-5791.	2.6	19
20	Arabidopsis ENDOMEMBRANE PROTEIN 12 contributes to the endoplasmic reticulum stress response by regulating K/HDEL receptor trafficking. Plant Cell, 2019, , tpc.00913.2018.	3.1	0
21	The activity of transient receptor potential channel Câ€6 modulates the differentiation of fat cells. FASEB Journal, 2019, 33, 6526-6538.	0.2	8
22	Endothelial cell transient receptor potential channel C5 (TRPC5) is essential for endothelium-dependent contraction in mouse carotid arteries. Biochemical Pharmacology, 2019, 159, 11-24.	2.0	19
23	The TRPC5 channel regulates angiogenesis and promotes recovery from ischemic injury in mice. Journal of Biological Chemistry, 2019, 294, 28-37.	1.6	31
24	Integrated transcriptomic and regulatory network analyses identify microRNA-200c as a novel repressor of human pluripotent stem cell-derived cardiomyocyte differentiation and maturation. Cardiovascular Research, 2018, 114, 894-906.	1.8	44
25	Polycystin-2 Plays an Essential Role in Glucose Starvation-Induced Autophagy in Human Embryonic Stem Cell-Derived Cardiomyocytes. Stem Cells, 2018, 36, 501-513.	1.4	20
26	Methods for Evaluation of Vascular Endothelial Cell Function with Transient Receptor Potential (TRP) Channel Drugs. Methods in Molecular Biology, 2018, 1722, 195-210.	0.4	3
27	Orai1 is critical for Notch-driven aggressiveness under hypoxic conditions in triple-negative breast cancers. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 975-986.	1.8	29
28	Inhibition of miR-92a Suppresses Oxidative Stress and Improves Endothelial Function by Upregulating Heme Oxygenase-1 in db/db Mice. Antioxidants and Redox Signaling, 2018, 28, 358-370.	2.5	60
29	TM9SF4 is a novel factor promoting autophagic flux under amino acid starvation. Cell Death and Differentiation, 2018, 25, 368-379.	5.0	25
30	TRPV6 protects ER stress-induced apoptosis via ATF6Î±-TRPV6-JNK pathway in human embryonic stem cell-derived cardiomyocytes. Journal of Molecular and Cellular Cardiology, 2018, 120, 1-11.	0.9	9
31	Serum exosomes mediate delivery of arginase 1 as a novel mechanism for endothelial dysfunction in diabetes. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E6927-E6936.	3.3	109
32	Correspondence: Reply to â€˜Challenging a proposed role for TRPC5 in aortic baroreceptor pressure-sensingâ€™. Nature Communications, 2018, 9, 1244.	5.8	4
33	Knockdown of TM9SF4 triggering ER stress exerts anti-growth effect on drug-resistant breast cancer cells. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO2-10-37.	0.0	0
34	Role of inducible nitric oxide synthase in endotheliumâ€independent relaxation to raloxifene in rat aorta. British Journal of Pharmacology, 2017, 174, 718-733.	2.7	11
35	TRPC5-induced autophagy promotes drug resistance in breast carcinoma via CaMKKÎ²/AMPKÎ±/mTOR pathway. Scientific Reports, 2017, 7, 3158.	1.6	70
36	TrpC5 regulates differentiation through the Ca2+/Wnt5a signalling pathway in colorectal cancer. Clinical Science, 2017, 131, 227-237.	1.8	23

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37	Treatment of hypertension by increasing impaired endothelial <scp>TRPV</scp> 4â€•<scp>KC</scp> a2.3 interaction. EMBO Molecular Medicine, 2017, 9, 1491-1503.	3.3	30
38	Histone Deacetylase Inhibitors Relax Mouse Aorta Partly through Their Inhibitory Action on L-Type Ca²⁺ Channels. Journal of Pharmacology and Experimental Therapeutics, 2017, 363, 211-220.	1.3	10
39	An abnormal TRPV4-related cytosolic Ca2+ rise in response to uniaxial stretch in induced pluripotent stem cells-derived cardiomyocytes from dilated cardiomyopathy patients. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 2964-2972.	1.8	17
40	Gastrodin Inhibits Store-Operated Ca2+ Entry and Alleviates Cardiac Hypertrophy. Frontiers in Pharmacology, 2017, 8, 222.	1.6	19
41	Aortic Baroreceptors Display Higher Mechanosensitivity than Carotid Baroreceptors. Frontiers in Physiology, 2016, 7, 384.	1.3	12
42	The mechanism of transactivation regulation due to polymorphic short tandem repeats (STRs) using IGF1 promoter as a model. Scientific Reports, 2016, 6, 38225.	1.6	23
43	A small synthetic molecule functions as a chlorideâ€“bicarbonate dual-transporter and induces chloride secretion in cells. Chemical Communications, 2016, 52, 7380-7383.	2.2	19
44	Translocation of PKG1Î± acts on TRPV4-C1 heteromeric channels to inhibit endothelial Ca2+ entry. Acta Pharmacologica Sinica, 2016, 37, 1199-1207.	2.8	17
45	Chemotherapy enhances tumor vascularization via Notch signaling-mediated formation of tumor-derived endothelium in breast cancer. Biochemical Pharmacology, 2016, 118, 18-30.	2.0	23
46	TRPC5 channels participate in pressure-sensing in aortic baroreceptors. Nature Communications, 2016, 7, 11947.	5.8	61
47	Zeranol induces COX-2 expression through TRPC-3 activation in the placental cells JEG-3. Toxicology in Vitro, 2016, 35, 17-23.	1.1	7
48	Bone Morphogenic Protein 4-Smadâ€“Induced Upregulation of Platelet-Derived Growth Factor AA Impairs Endothelial Function. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 553-560.	1.1	20
49	Inhibition of miR-200c Restores Endothelial Function in Diabetic Mice Through Suppression of COX-2. Diabetes, 2016, 65, 1196-1207.	0.3	68
50	TRPC3 regulates the automaticity of embryonic stem cell-derived cardiomyocytes. International Journal of Cardiology, 2016, 203, 169-181.	0.8	22
51	Chronic black tea extract consumption improves endothelial function in ovariectomized rats. European Journal of Nutrition, 2016, 55, 1963-1972.	1.8	14
52	Nitric Oxide-cGMP-PKG Pathway Acts on Orai1 to Inhibit the Hypertrophy of Human Embryonic Stem Cell-Derived Cardiomyocytes. Stem Cells, 2015, 33, 2973-2984.	1.4	34
53	Upregulation of Angiotensin (1-7)-Mediated Signaling Preserves Endothelial Function Through Reducing Oxidative Stress in Diabetes. Antioxidants and Redox Signaling, 2015, 23, 880-892.	2.5	70
54	Unconjugated Bilirubin Mediates Heme Oxygenase-1â€“Induced Vascular Benefits in Diabetic Mice. Diabetes, 2015, 64, 1564-1575.	0.3	53

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55	Epoxyeicosatrienoic acids act through TRPV4â€“TRPC1â€“KCa1.1 complex to induce smooth muscle membrane hyperpolarization and relaxation in human internal mammary arteries. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 552-559.	1.8	38
56	Transient receptor potential channel M2 contributes to neointimal hyperplasia in vascular walls. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 1360-1371.	1.8	10
57	Activation of Transient Receptor Potential Vanilloid 3 Channel Suppresses Adipogenesis. Endocrinology, 2015, 156, 2074-2086.	1.4	36
58	Enhancement of vascular endothelial growth factor release in long-term drug-treated breast cancer via transient receptor potential channel 5-Ca2+-hypoxia-inducible factor 1Î± pathway. Pharmacological Research, 2015, 93, 36-42.	3.1	36
59	Conserved function of the lysine-based KXD/E motif in Golgi retention for endomembrane proteins among different organisms. Molecular Biology of the Cell, 2015, 26, 4280-4293.	0.9	41
60	Uniaxial cyclic stretch stimulates TRPV4 to induce realignment of human embryonic stem cell-derived cardiomyocytes. Journal of Molecular and Cellular Cardiology, 2015, 87, 65-73.	0.9	25
61	Plasma Membrane Mechanical Stress Activates TRPC5 Channels. PLoS ONE, 2015, 10, e0122227.	1.1	40
62	Role of TRPV1 in the Differentiation of Mouse Embryonic Stem Cells into Cardiomyocytes. PLoS ONE, 2015, 10, e0133211.	1.1	21
63	An Upregulation in the Expression of Vanilloid Transient Potential Channels 2 Enhances Hypotonicity-Induced Cytosolic Ca2+ Rise in Human Induced Pluripotent Stem Cell Model of Hutchinson Gillford Progeria. PLoS ONE, 2014, 9, e87273.	1.1	16
64	Metformin Protects Endothelial Function in Diet-Induced Obese Mice by Inhibition of Endoplasmic Reticulum Stress Through 5â€² Adenosine Monophosphateâ€“Activated Protein Kinaseâ€“Peroxisome Proliferatorâ€“Activated Receptor Î´ Pathway. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 830-836.	1.1	162
65	TRPV4, TRPC1, and TRPP2 assemble to form a flowâ€sensitive heteromeric channel. FASEB Journal, 2014, 28, 4677-4685.	0.2	104
66	Nitric oxide and protein kinase G act on TRPC1 to inhibit 11,12-EET-induced vascular relaxation. Cardiovascular Research, 2014, 104, 138-146.	1.8	23
67	<scp>ERR</scp>Î± augments <scp>HIF</scp>â€1 signalling by directly interacting with <scp>HIF</scp>â€1Î± in normoxic and hypoxic prostate cancer cells. Journal of Pathology, 2014, 233, 61-73.	2.1	72
68	Ion channel <scp>TRPM8</scp> promotes hypoxic growth of prostate cancer cells via an <scp>O₂</scp>â€indepdendent and <scp>RACK1</scp>â€mediated mechanism of <scp>HIF</scp>â€2Î± stabilization. Journal of Pathology, 2014, 234, 514-525.	2.1	53
69	The predisposition to thyrotoxic periodic paralysis (<scp>TPP</scp>) is due to a genetic variant in the inwardâ€rectifying potassium channel, <scp>KCNJ</scp>2. Clinical Endocrinology, 2014, 80, 770-771.	1.2	2
70	Inhibition of Bone Morphogenic Protein 4 Restores Endothelial Function in db/db Diabetic Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 152-159.	1.1	32
71	A hydrophilic polymer based microfluidic system with planar patch clamp electrode array for electrophysiological measurement from cells. Biosensors and Bioelectronics, 2014, 53, 187-192.	5.3	12
72	Cyclooxygenase-2-dependent oxidative stress mediates palmitate-induced impairment of endothelium-dependent relaxations in mouse arteries. Biochemical Pharmacology, 2014, 91, 474-482.	2.0	29

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73	Uncoupling Protein-2 Mediates DPP-4 Inhibitor-Induced Restoration of Endothelial Function in Hypertension Through Reducing Oxidative Stress. Antioxidants and Redox Signaling, 2014, 21, 1571-1581.	2.5	76
74	A small synthetic molecule forms selective potassium channels to regulate cell membrane potential and blood vessel tone. Organic and Biomolecular Chemistry, 2014, 12, 8174-8179.	1.5	13
75	Activation of canonical transient receptor potential channels preserves Ca2+ entry and endothelium-derived hyperpolarizing factorâ€“mediated function inÂvitro in porcine coronary endothelial cells and coronary arteries under conditions of hyperkalemia. Journal of Thoracic and Cardiovascular Surgery, 2014, 148, 1665-1673.e1.	0.4	11
76	Essential role for TrpC5-containing extracellular vesicles in breast cancer with chemotherapeutic resistance. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 6389-6394.	3.3	152
77	TRPM2: a multifunctional ion channel for oxidative stress sensing. Acta Physiologica Sinica, 2014, 66, 7-15.	0.5	11
78	Chronic cranberry juice consumption restores cholesterol profiles and improves endothelial function in ovariectomized rats. European Journal of Nutrition, 2013, 52, 1145-1155.	1.8	19
79	Menthol relaxes rat aortae, mesenteric and coronary arteries by inhibiting calcium influx. European Journal of Pharmacology, 2013, 702, 79-84.	1.7	34
80	The GmCLC1 protein from soybean functions as a chloride ion transporter. Journal of Plant Physiology, 2013, 170, 101-104.	1.6	32
81	Calcitriol restores renovascular function in estrogen-deficient rats through downregulation of cyclooxygenase-2 and the thromboxane-prostanoid receptor. Kidney International, 2013, 84, 54-63.	2.6	30
82	Functional Role of TRPV4-K _{Ca} 2.3 Signaling in Vascular Endothelial Cells in Normal and Streptozotocin-Induced Diabetic Rats. Hypertension, 2013, 62, 134-139.	1.3	84
83	Organelle pH in the Arabidopsis Endomembrane System. Molecular Plant, 2013, 6, 1419-1437.	3.9	310
84	TRPV4 and the Regulation of Vascular Tone. Journal of Cardiovascular Pharmacology, 2013, 61, 113-119.	0.8	146
85	From Skeleton to Cytoskeleton. Circulation Research, 2012, 111, e55-66.	2.0	28
86	Protein Kinase G Inhibits Flow-Induced Ca2+ Entry into Collecting Duct Cells. Journal of the American Society of Nephrology: JASN, 2012, 23, 1172-1180.	3.0	59
87	Calcitriol protects renovascular function in hypertension by down-regulating angiotensin II type 1 receptors and reducing oxidative stress. European Heart Journal, 2012, 33, 2980-2990.	1.0	149
88	NaHS relaxes rat cerebral artery in vitro via inhibition of l-type voltage-sensitive Ca2+ channel. Pharmacological Research, 2012, 65, 239-246.	3.1	51
89	Dipeptidyl Peptidase 4 Inhibitor Sitagliptin Protects Endothelial Function in Hypertension Through a Glucagonâ€“Like Peptide 1â€“Dependent Mechanism. Hypertension, 2012, 60, 833-841.	1.3	164
90	Uncoupling Protein-2 Protects Endothelial Function in Diet-Induced Obese Mice. Circulation Research, 2012, 110, 1211-1216.	2.0	124

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91	PPARÎ´ Activation Protects Endothelial Function in Diabetic Mice. Diabetes, 2012, 61, 3285-3293.	0.3	58
92	Bone morphogenic protein-4 induces endothelial cell apoptosis through oxidative stress-dependent p38MAPK and JNK pathway. Journal of Molecular and Cellular Cardiology, 2012, 52, 237-244.	0.9	65
93	Apigenin, a plantâ€derived flavone, activates transient receptor potential vanilloid 4 cation channel. British Journal of Pharmacology, 2012, 166, 349-358.	2.7	55
94	Transient receptor potential channel TRPC5 is essential for P-glycoprotein induction in drug-resistant cancer cells. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 16282-16287.	3.3	143
95	Methods to Study the Effects of TRP Channel Drugs on Vascular Endothelial Cell Function. Methods in Pharmacology and Toxicology, 2012, , 55-74.	0.1	0
96	Raloxifene improves vascular reactivity in pressurized septal coronary arteries of ovariectomized hamsters fed cholesterol diet. Pharmacological Research, 2012, 65, 182-188.	3.1	9
97	Oxidative Stress-Dependent Cyclooxygenase-2-Derived Prostaglandin F_{2Î±} Impairs Endothelial Function in Renovascular Hypertensive Rats. Antioxidants and Redox Signaling, 2012, 16, 363-373.	2.5	77
98	Role of TRPM2 in H2O2-Induced Cell Apoptosis in Endothelial Cells. PLoS ONE, 2012, 7, e43186.	1.1	53
99	Estrogen Controls embryonic stem cell proliferation via storeâ€operated calcium entry and the nuclear factor of activated Tâ€cells (NFAT). Journal of Cellular Physiology, 2012, 227, 2519-2530.	2.0	36
100	A Synthetic Chloride Channel Restores Chloride Conductance in Human Cystic Fibrosis Epithelial Cells. PLoS ONE, 2012, 7, e34694.	1.1	64
101	TRP Channels in Vascular Endothelial Cells. Advances in Experimental Medicine and Biology, 2011, 704, 759-780.	0.8	23
102	Electrophysiological properties of heteromeric TRPV4â€“C1 channels. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 2789-2797.	1.4	49
103	Cordyceps militaris extract stimulates Clâ¯ secretion across human bronchial epithelia by both Ca2+- and cAMP-dependent pathways. Journal of Ethnopharmacology, 2011, 138, 201-211.	2.0	10
104	Effect of Hydrogen Peroxide and Superoxide Anions on Cytosolic Ca2+: Comparison of Endothelial Cells from Large-Sized and Small-Sized Arteries. PLoS ONE, 2011, 6, e25432.	1.1	13
105	Endothelial nitric oxide synthase enhancer reduces oxidative stress and restores endothelial function in db/db mice. Cardiovascular Research, 2011, 92, 267-275.	1.8	58
106	Rosuvastatin improves endothelial function in db/db mice: role of angiotensin II type 1 receptors and oxidative stress. British Journal of Pharmacology, 2011, 164, 598-606.	2.7	41
107	Use of intermediate/small conductance calcium-activated potassium-channel activator for endothelial protection. Journal of Thoracic and Cardiovascular Surgery, 2011, 141, 501-510.e1.	0.4	39
108	Heteromeric TRPV4-C1 channels contribute to store-operated Ca2+ entry in vascular endothelial cells. Cell Calcium, 2011, 50, 502-509.	1.1	125

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109	Physiology and cell biology of acupuncture observed in calcium signaling activated by acoustic shear wave. Pflugers Archiv European Journal of Physiology, 2011, 462, 587-597.	1.3	24
110	cAMP Activates TRPC6 Channels via the Phosphatidylinositol 3-Kinase (PI3K)-Protein Kinase B (PKB)-Mitogen-activated Protein Kinase Kinase (MEK)-ERK1/2 Signaling Pathway. Journal of Biological Chemistry, 2011, 286, 19439-19445.	1.6	59
111	Telmisartan inhibits vasoconstriction via PPARÎ³-dependent expression and activation of endothelial nitric oxide synthase. Cardiovascular Research, 2011, 90, 122-129.	1.8	49
112	TRPC3 channel contributes to nitric oxide release: significance during normoxia and hypoxiaâ€“reoxygenation. Cardiovascular Research, 2011, 91, 472-482.	1.8	45
113	Pivotal Role of Protein Kinase C _{Î´} in Angiotensin IIâ€“Induced Endothelial Cyclooxygenase-2 Expression. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 1169-1176.	1.1	41
114	Inhibition of Renin-Angiotensin System Reverses Endothelial Dysfunction and Oxidative Stress in Estrogen Deficient Rats. PLoS ONE, 2011, 6, e17437.	1.1	65
115	Nitric oxide lacks direct effect on TRPC5 channels but suppresses endogenous TRPC5-containing channels in endothelial cells. Pflugers Archiv European Journal of Physiology, 2010, 460, 121-130.	1.3	30
116	Prostanoid TP receptor-mediated impairment of cyclic AMP-dependent vasorelaxation is reversed by phosphodiesterase inhibitors. European Journal of Pharmacology, 2010, 632, 45-51.	1.7	7
117	4-Aminopyridine-sensitive K+ channels contributes to NaHS-induced membrane hyperpolarization and relaxation in the rat coronary artery. Vascular Pharmacology, 2010, 53, 94-98.	1.0	77
118	Genistein potentiates activity of the cation channel TRPC5 independently of tyrosine kinases. British Journal of Pharmacology, 2010, 159, 1486-1496.	2.7	31
119	A Mechanosensitive Cation Channel in Endothelial Cells. Journal of Cardiac Surgery, 2010, 17, 340-341.	0.3	3
120	Endothelium-Dependent and-Independent Coronary Relaxation Induced by Urocortin. Journal of Cardiac Surgery, 2010, 17, 347-349.	0.3	19
121	Cyclic Nucleotide-Gated Channels Contribute to Thromboxane A2-Induced Contraction of Rat Small Mesenteric Arteries. PLoS ONE, 2010, 5, e11098.	1.1	16
122	Functional Role of Vanilloid Transient Receptor Potential 4-Canonical Transient Receptor Potential 1 Complex in Flow-Induced Ca ²⁺ Influx. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 851-858.	1.1	106
123	Therapeutically Relevant Concentrations of Raloxifene Dilate Pressurized Rat Resistance Arteries via Calcium-Dependent Endothelial Nitric Oxide Synthase Activation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 992-999.	1.1	25
124	Bone Morphogenic Protein-4 Impairs Endothelial Function Through Oxidative Stressâ€“Dependent Cyclooxygenase-2 Upregulation. Circulation Research, 2010, 107, 984-991.	2.0	121
125	CNGA2 Contributes to ATP-Induced Noncapacitative Ca²⁺ Influx in Vascular Endothelial Cells. Journal of Vascular Research, 2010, 47, 148-156.	0.6	17
126	Angiotensin II Type 1 Receptor-Dependent Oxidative Stress Mediates Endothelial Dysfunction in Type 2 Diabetic Mice. Antioxidants and Redox Signaling, 2010, 13, 757-768.	2.5	54

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127	Depletion of Intracellular Ca ²⁺ Stores Stimulates the Translocation of Vanilloid Transient Receptor Potential 4-C1 Heteromeric Channels to the Plasma Membrane. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 2249-2255.	1.1	71
128	Cyclooxygenase-2â€"Derived Prostaglandin F _{2Î±} Mediates Endothelium-Dependent Contractions in the Aortae of Hamsters With Increased Impact During Aging. Circulation Research, 2009, 104, 228-235.	2.0	185
129	TRPC1 Associates With BK _{Ca} Channel to Form a Signal Complex in Vascular Smooth Muscle Cells. Circulation Research, 2009, 104, 670-678.	2.0	102
130	Thromboxane prostanoid receptor activation impairs endothelial nitric oxide-dependent vasorelaxations: The role of Rho kinase. Biochemical Pharmacology, 2009, 78, 374-381.	2.0	40
131	Stimulation of histamine H2 receptors activates TRPC3 channels through both phospholipase C and phospholipase D. European Journal of Pharmacology, 2009, 602, 181-187.	1.7	16
132	ROLE OF CYCLIC NUCLEOTIDES IN THE CONTROL OF CYTOSOLIC Ca²⁺ LEVELS IN VASCULAR ENDOTHELIAL CELLS. Clinical and Experimental Pharmacology and Physiology, 2009, 36, 857-866.	0.9	7
133	Synthetic Chloride Channel Regulates Cell Membrane Potentials and Voltage-Gated Calcium Channels. Journal of the American Chemical Society, 2009, 131, 13676-13680.	6.6	90
134	The ion channel activity of the SARS-coronavirus 3a protein is linked to its pro-apoptotic function. International Journal of Biochemistry and Cell Biology, 2009, 41, 2232-2239.	1.2	84
135	Establishment of a novel immortalized human prostatic epithelial cell line stably expressing androgen receptor and its application for the functional screening of androgen receptor modulators. Biochemical and Biophysical Research Communications, 2009, 382, 756-761.	1.0	17
136	Role of Large-conductance Calcium-activated Potassium Channels of Coronary Arteries in Heart Preservation. Journal of Heart and Lung Transplantation, 2009, 28, 1094-1101.	0.3	14
137	Exercise, Vascular Wall and Cardiovascular Diseases. Sports Medicine, 2009, 39, 45-63.	3.1	71
138	Green tea catechins and broccoli reduce fat-induced mortality in Drosophila melanogaster. Journal of Nutritional Biochemistry, 2008, 19, 376-383.	1.9	42
139	Tea polyphenols benefit vascular function. Inflammopharmacology, 2008, 16, 230-234.	1.9	55
140	Raloxifene protects endothelial cell function against oxidative stress. British Journal of Pharmacology, 2008, 155, 326-334.	2.7	29
141	The vacuolar transport of aleurainâ€GFP and 2S albuminâ€GFP fusions is mediated by the same preâ€vacuolar compartments in tobacco BYâ€2 and Arabidopsis suspension cultured cells. Plant Journal, 2008, 56, 824-839.	2.8	69
142	Storeâ€operated calcium entry in vascular smooth muscle. British Journal of Pharmacology, 2008, 153, 846-857.	2.7	101
143	Prevention of nitroglycerin tolerance in vitro by T0156, a selective phosphodiesterase type 5 inhibitor. European Journal of Pharmacology, 2008, 590, 250-254.	1.7	10
144	Exercise, Vascular Wall and Cardiovascular Diseases. Sports Medicine, 2008, 38, 1009-1024.	3.1	139

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145	Epinephrine-induced Ca2+ influx in vascular endothelial cells is mediated by CNGA2 channels. Journal of Molecular and Cellular Cardiology, 2008, 45, 437-445.	0.9	37
146	Differential effects of estrogen and progesterone on potassium channels expressed in Xenopus oocytes. Steroids, 2008, 73, 272-279.	0.8	19
147	Conjugated and non-conjugated octadecaenoic acids affect differently intestinal acyl coenzyme A: Cholesterol acyltransferase activity. Atherosclerosis, 2008, 198, 85-93.	0.4	34
148	Cyclic nucleotide-gated channels: an old channel family with new function?. International Journal of Cardiology, 2008, 125, S25.	0.8	0
149	P353 Altered vascular reactivity in mouse cerebral arteries after chronic nicotine administration. International Journal of Cardiology, 2008, 125, S66.	0.8	0
150	CNGA2 Channels Mediate Adenosine-Induced Ca 2+ Influx in Vascular Endothelial Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 913-918.	1.1	27
151	Oxidised cholesterol is more hypercholesterolaemic and atherogenic than non-oxidised cholesterol in hamsters. British Journal of Nutrition, 2008, 99, 749-755.	1.2	24
152	Cyclic nucleotide-gated channels: a familiar channel family with a new function?. Future Cardiology, 2008, 4, 505-515.	0.5	5
153	Raloxifene Modulates Pulmonary Vascular Reactivity in Spontaneously Hypertensive Rats. Journal of Cardiovascular Pharmacology, 2007, 49, 355-361.	0.8	13
154	Ion Channels in Vascular Endothelium. , 2007, , 721-728.		134
155	TRP channels in endothelial function and dysfunction. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2007, 1772, 907-914.	1.8	131
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