Sylvain Richard

List of Publications by Year
in descending order

136	5,020	76326	106344
papers	citations	40 h-index	65 g-index

148	148	148	6713
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The PPARÎ³ pathway determines electrophysiological remodelling and arrhythmia risks in DSC2 arrhythmogenic cardiomyopathy. Clinical and Translational Medicine, 2022, 12, e748.	4.0	12
2	Ranolazine: An Old Drug with Emerging Potential; Lessons from Pre-Clinical and Clinical Investigations for Possible Repositioning. Pharmaceuticals, 2022, 15, 31.	3.8	12
3	New role of TRPM4 channel in the cardiac excitation-contraction coupling in response to physiological and pathological hypertrophy in mouse. Progress in Biophysics and Molecular Biology, 2021, 159, 105-117.	2.9	15
4	Pulmonary hypertension after pneumonectomy: a preclinical model in rats and human pulmonary endothelial cells. European Journal of Cardio-thoracic Surgery, 2021, 59, 147-154.	1.4	3
5	Deciphering DSC2 arrhythmogenic cardiomyopathy electrical instability: From ion channels to ECG and tailored drug therapy. Clinical and Translational Medicine, 2021, 11, e319.	4.0	20
6	Hypoxic Conditions Promote Rhythmic Contractile Oscillations Mediated by Voltage-Gated Sodium Channels Activation in Human Arteries. International Journal of Molecular Sciences, 2021, 22, 2570.	4.1	5
7	Dystrophin Deficiency Causes Progressive Depletion of Cardiovascular Progenitor Cells in the Heart. International Journal of Molecular Sciences, 2021, 22, 5025.	4.1	1
8	Nanomedicine in Oncocardiology: Contribution and Perspectives of Preclinical Studies. Frontiers in Cardiovascular Medicine, 2021, 8, 690533.	2.4	4
9	Short QT interval as a harbinger of an arrhythmogenic cardiomyopathy. HeartRhythm Case Reports, 2021, 7, 734-738.	0.4	2
10	Polylactide Nanocapsules Attenuate Adverse Cardiac Cellular Effects of Lyso-7, a Pan-PPAR Agonist/Anti-Inflammatory New Thiazolidinedione. Pharmaceutics, 2021, 13, 1521.	4.5	3
11	Could a Multi-Marker and Machine Learning Approach Help Stratify Patients with Heart Failure?. Medicina (Lithuania), 2021, 57, 996.	2.0	1
12	Sarcoplasmic Reticulum Calcium Release Is Required for Arrhythmogenesis in the Mouse. Frontiers in Physiology, 2021, 12, 744730.	2.8	3
13	pH-sensitive doxorubicin-tocopherol succinate prodrug encapsulated in docosahexaenoic acid-based nanostructured lipid carriers: An effective strategy to improve pharmacokinetics and reduce toxic effects. Biomedicine and Pharmacotherapy, 2021, 144, 112373.	5.6	8
14	OUP accepted manuscript. Cardiovascular Research, 2021, , .	3.8	0
15	Stabilizing Ryanodine Receptors Improves Left Ventricular Function inÂJuvenile Dogs With Duchenne MuscularÂDystrophy. Journal of the American College of Cardiology, 2021, 78, 2439-2453.	2.8	5
16	Mechanisms of artemether toxicity on single cardiomyocytes and protective effect of nanoencapsulation. British Journal of Pharmacology, 2020, 177, 4448-4463.	5.4	15
17	Experimental Myocardial Infarction Elicits Time-Dependent Patterns of Vascular Hypoxia in Peripheral Organs and in the Brain. Frontiers in Cardiovascular Medicine, 2020, 7, 615507.	2.4	13
18	Dietary Supplementation with Silicon-Enriched Spirulina Improves Arterial Remodeling and Function in Hypertensive Rats. Nutrients, 2019, 11, 2574.	4.1	10

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19	Prolonged elevated levels of câ€kit+ progenitor cells after a myocardial infarction by beta 2 adrenergic receptor priming. Journal of Cellular Physiology, 2019, 234, 18283-18296.	4.1	4
20	Bronchial Epithelial Calcium Metabolism Impairment in Smokers and Chronic Obstructive Pulmonary Disease. Decreased ORAI3 Signaling. American Journal of Respiratory Cell and Molecular Biology, 2019, 61, 501-511.	2.9	17
21	Reply to: Altered Calcium in Ciliary Dysfunction: Potential Role of ER Stress and Ciliophagy. American Journal of Respiratory Cell and Molecular Biology, 2019, 61, 795-796.	2.9	1
22	Early calcium handling imbalance in pressure overload-induced heart failure with nearly normal left ventricular ejection fraction. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 230-242.	3.8	29
23	Right coronary artery ligation in mice: a novel method to investigate right ventricular dysfunction and biventricular interaction. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 316, H684-H692.	3.2	9
24	Speckle tracking echocardiography in healthy children: comparison between the QLAB by Philips and the EchoPAC by General Electric. International Journal of Cardiovascular Imaging, 2019, 35, 799-809.	1.5	9
25	Reduced cardiotoxicity and increased oral efficacy of artemether polymeric nanocapsules in Plasmodium berghei-infected mice. Parasitology, 2018, 145, 1075-1083.	1.5	14
26	Post-Translational Modifications and Diastolic Calcium Leak Associated to the Novel RyR2-D3638A Mutation Lead to CPVT in Patient-Specific hiPSC-Derived Cardiomyocytes. Journal of Clinical Medicine, 2018, 7, 423.	2.4	40
27	Deletion of Nkx2-5 in trabecular myocardium reveals the developmental origins of pathological heterogeneity associated with ventricular non-compaction cardiomyopathy. PLoS Genetics, 2018, 14, e1007502.	3.5	37
28	The TRPM4 channel is functionally important for the beneficial cardiac remodeling induced by endurance training. Journal of Muscle Research and Cell Motility, 2017, 38, 3-16.	2.0	19
29	MEIS1 variant as a determinant of autonomic imbalance in Restless Legs Syndrome. Scientific Reports, 2017, 7, 46620.	3.3	22
30	Biodegradable Polymeric Nanocapsules Prevent Cardiotoxicity of Anti-Trypanosomal Lychnopholide. Scientific Reports, 2017, 7, 44998.	3.3	32
31	Carbon monoxide pollution aggravates ischemic heart failure through oxidative stress pathway. Scientific Reports, 2017, 7, 39715.	3.3	33
32	Epac2-Rap1 Signaling Regulates Reactive Oxygen Species Production and Susceptibility to Cardiac Arrhythmias. Antioxidants and Redox Signaling, 2017, 27, 117-132.	5.4	36
33	The high frequency relationship: implications for torsadogenic hERG blockers. British Journal of Pharmacology, 2016, 173, 601-612.	5.4	9
34	The Complex QT/RR Relationship in Mice. Scientific Reports, 2016, 6, 25388.	3.3	30
35	Dietary supplementation with a specific melon concentrate reverses vascular dysfunction induced by cafeteria diet. Food and Nutrition Research, 2016, 60, 32729.	2.6	6
36	Inter-individual variability and modeling of electrical activity: a possible new approach to explore cardiac safety?. Scientific Reports, 2016, 6, 37948.	3.3	4

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37	Terlipressin, a vasoactive prodrug recommended in hepatorenal syndrome, is an agonist of human V1, V2 and V1B receptors: Implications for its safety profile. Pharmacological Research, 2016, 113, 257-264.	7.1	16
38	Antagonism of Nav channels and Î±1-adrenergic receptors contributes to vascular smooth muscle effects of ranolazine. Scientific Reports, 2016, 5, 17969.	3.3	9
39	0509 : Beta 2 adrenegic receptor expression and activation of endogenous progenitor cells. Archives of Cardiovascular Diseases Supplements, 2016, 8, 256-257.	0.0	0
40	L-type Ca_v1.3 channels regulate ryanodine receptor-dependent Ca²⁺release during sino-atrial node pacemaker activity. Cardiovascular Research, 2016, 109, 451-461.	3.8	88
41	Carnitine deficiency induces a short QT syndrome. Heart Rhythm, 2016, 13, 165-174.	0.7	49
42	Loss of the transcription factor Meis1 prevents sympathetic neurons target-field innervation and increases susceptibility to sudden cardiac death. ELife, 2016, 5, .	6.0	27
43	MACVIA-LR (FIGHTING CHRONIC DISEASES FOR ACTIVE AND HEALTHY AGEING IN LANGUEDOC-ROUSSILLON): A SUCCESS STORY OF THE EUROPEAN INNOVATION PARTNERSHIP ON ACTIVE AND HEALTHY AGEING. Journal of Frailty & Aging,the, 2016, 5, 1-9.	1.3	8
44	p11 modulates calcium handling through 5-HT4R pathway in rat ventricular cardiomyocytes. Cell Calcium, 2015, 58, 549-557.	2.4	7
45	Stimulating endogenous cardiac repair. Frontiers in Cell and Developmental Biology, 2015, 3, 57.	3.7	22
46	Polymeric nanocapsules prevent oxidation of core-loaded molecules: evidence based on the effects of docosahexaenoic acid and neuroprostane on breast cancer cells proliferation. Journal of Experimental and Clinical Cancer Research, 2015, 34, 155.	8.6	30
47	Carbon monoxide increases inducible NOS expression that mediates CO-induced myocardial damage during ischemia-reperfusion. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 308, H759-H767.	3.2	29
48	Dietary silicon-enriched spirulina improves early atherosclerosis markers in hamsters on a high-fat diet. Nutrition, 2015, 31, 1148-1154.	2.4	26
49	0295 : TRPM4 is involved in excitation-contraction coupling regulation in healthy murine atrial cardiomyocytes. Archives of Cardiovascular Diseases Supplements, 2015, 7, 164.	0.0	0
50	Endothelial Plasticity Drives Arterial Remodeling Within the Endocardium After Myocardial Infarction. Circulation Research, 2015, 116, 1765-1771.	4.5	61
51	Inactivation of p53 Is Sufficient to Induce Development of Pulmonary Hypertension in Rats. PLoS ONE, 2015, 10, e0131940.	2.5	40
52	Neutralizing S1P inhibits intratumoral hypoxia, induces vascular remodelling and sensitizes to chemotherapy in prostate cancer. Oncotarget, 2015, 6, 13803-13821.	1.8	35
53	ACE Inhibitor Delapril Prevents Ca²⁺-Dependent Blunting of I_{K1} and Ventricular Arrhythmia in Ischemic Heart Disease. Current Molecular Medicine, 2015, 15, 642-651.	1.3	6
54	Trpm4 Gene Invalidation Leads to Cardiac Hypertrophy and Electrophysiological Alterations. PLoS ONE, 2014, 9, e115256.	2.5	72

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55	Direct Action of Endothelin-1 on Podocytes Promotes Diabetic Glomerulosclerosis. Journal of the American Society of Nephrology: JASN, 2014, 25, 1050-1062.	6.1	87
56	Physiopathologie des canaux calciques de type L cardiaques. Archives Des Maladies Du Coeur Et Des Vaisseaux - Pratique, 2014, 2014, 28-32.	0.0	2
57	0330: Cardiac p11 expression is related to 5-HT4 receptor pathway in failing and non-failing rat left ventricular cardiomyocytes. Archives of Cardiovascular Diseases Supplements, 2014, 6, 47.	0.0	0
58	MACVIA-LR, Reference site of the European Innovation Partnership on Active and Healthy Ageing (EIP on) Tj ETQq0 0 0 rgBT /Overlock 10	2.8	29
59	Î²-Adrenergic blockade combined with subcutaneous B-type natriuretic peptide: a promising approach to reduce ventricular arrhythmia in heart failure?. Heart, 2014, 100, 833-841.	2.9	18
60	Subendocardial Increase in Reactive Oxygen Species Production Affects Regional Contractile Function in Ischemic Heart Failure. Antioxidants and Redox Signaling, 2013, 18, 1009-1020.	5.4	27
61	Quercetin induces insulin secretion by direct activation of Lâ€type calcium channels in pancreatic beta cells. British Journal of Pharmacology, 2013, 169, 1102-1113.	5.4	92
62	Delayed Pulmonary Arterial Hypertension in Relation to Pulmonary Damage Score after Pneumonectomy under Protective Ventilation: Experimental Study. European Surgical Research, 2013, 51, 172-182.	1.3	4
63	Functional evidence for an active role of B-type natriuretic peptide in cardiac remodelling and pro-arrhythmogenicity. Cardiovascular Research, 2012, 95, 59-68.	3.8	31
64	Paradoxical Effect of Increased Diastolic Ca ²⁺ Release and Decreased Sinoatrial Node Activity in a Mouse Model of Catecholaminergic Polymorphic Ventricular Tachycardia. Circulation, 2012, 126, 392-401.	1.6	77
65	ACE Inhibition Prevents Diastolic Ca2+ Overload and Loss of Myofilament Ca2+ Sensitivity after Myocardial Infarction. Current Molecular Medicine, 2012, 12, 206-217.	1.3	14
66	Carbon Monoxide Induces Cardiac Arrhythmia via Induction of the Late Na⁺ Current. American Journal of Respiratory and Critical Care Medicine, 2012, 186, 648-656.	5.6	72
67	Carbon monoxide exposure in the urban environment: An insidious foe for the heart?. Respiratory Physiology and Neurobiology, 2012, 184, 204-212.	1.6	32
68	The RNA-Binding Protein RBPMS2 Regulates Development of Gastrointestinal Smooth Muscle. Gastroenterology, 2012, 143, 687-697.e9.	1.3	39
69	Abstract 4826: A therapeutic sphingosine 1-phosphate antibody improves intratumoral oxygenation and sensitizes to chemotherapy in prostate cancer animal model. , 2012, , .		0
70	A Total Red Wine Polyphenolic Extract Prevents a Pathological Phenotype Manifested on Cardiomyocytes Isolated from Rats with Nutritionally-induced Metabolic Syndrome. Journal of Wine Research, 2011, 22, 147-149.	1.5	0
71	Polyphenols prevent lipid abnormalities and arterial dysfunction in hamsters on a high-fat diet: a comparative study of red grape and white persimmon wines. Food and Function, 2011, 2, 555.	4.6	16
72	RyR(R4496C) Mutant Mice Model Reveals a New Paradigm on Local Ca2+ Control of ICaL. Biophysical Journal, 2011, 100, 571a.	0.5	0

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73	Cav1.3 L-Type Calcium Channels-Mediated Ryanodine Receptor Dependent Calcium Release Controls Heart Rate. Biophysical Journal, 2011, 100, 567a.	0.5	5
74	RyR2(R4496C) Expression Induces Sinoatrial Node Dysfunction. Biophysical Journal, 2011, 100, 352a.	0.5	0
75	MÃ©dicaments anti-arythmiques : PrÃ©sent et futur. Archives of Cardiovascular Diseases Supplements, 2011, 3, 236-243.	0.0	0
76	SERCA2 Knockout Mice Exhibit Impaired Control of Ca2+ Current but not Ventricular Arrhythmias. Biophysical Journal, 2011, 100, 574a.	0.5	0
77	RyRCa2+ Leak Limits Cardiac Ca2+ Window Current Overcoming the Tonic Effect of Calmodulin in Mice. PLoS ONE, 2011, 6, e20863.	2.5	11
78	Minimum Information about a Cardiac Electrophysiology Experiment (MICEE): Standardised reporting for model reproducibility, interoperability, and data sharing. Progress in Biophysics and Molecular Biology, 2011, 107, 4-10.	2.9	75
79	New drugs vs. old concepts: A fresh look at antiarrhythmics. , 2011, 132, 125-145.		26
80	Carbon monoxide exposure enhances arrhythmia after cardiac stress: involvement of oxidative stress. Basic Research in Cardiology, 2011, 106, 1235-1246.	5.9	26
81	NADPH oxidase activity is associated with cardiac osteopontin and pro-collagen type I expression in uremia. Free Radical Research, 2011, 45, 454-460.	3.3	6
82	Endothelin-Dependent Vasoconstriction in Human Uterine Artery: Application to Preeclampsia. PLoS ONE, 2011, 6, e16540.	2.5	9
83	Cardiomyocytes hypertrophic status after myocardial infarction determines distinct types of arrhythmia: Role of the ryanodine receptor. Progress in Biophysics and Molecular Biology, 2010, 103, 71-80.	2.9	12
84	Robust antiâ€arrhythmic efficacy of verapamil and flunarizine against dofetilideâ€induced TdP arrhythmias is based upon a shared and a different mode of action. British Journal of Pharmacology, 2010, 161, 162-175.	5.4	31
85	Quercetin potentiates insulin secretion and protects INSâ€1 pancreatic Î²â€cells against oxidative damage via the ERK1/2 pathway. British Journal of Pharmacology, 2010, 161, 799-814.	5.4	209
86	Moderate exercise prevents impaired Ca²⁺ handling in heart of CO-exposed rat: implication for sensitivity to ischemia-reperfusion. American Journal of Physiology - Heart and Circulatory Physiology, 2010, 299, H2076-H2081.	3.2	15
87	New Insights into Sexual Dimorphism during Progression of Heart Failure and Rhythm Disorders. Endocrinology, 2010, 151, 1837-1845.	2.8	16
88	Leaky RyR2 trigger ventricular arrhythmias in Duchenne muscular dystrophy. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 1559-1564.	7.1	206
89	Carbon Monoxide Pollution Promotes Cardiac Remodeling and Ventricular Arrhythmia in Healthy Rats. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 587-595.	5.6	77
90	New Insights in the Contribution of Voltage-Gated Nav Channels to Rat Aorta Contraction. PLoS ONE, 2009, 4, e7360.	2.5	21

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91	Prolongation in QT interval is not predictive of Ca2+-dependent arrhythmias: implications for drug safety. Expert Opinion on Drug Safety, 2009, 8, 57-72.	2.4	10
92	Increased Ca ²⁺ Sensitivity of the Ryanodine Receptor Mutant RyR2 ^{R4496C} Underlies Catecholaminergic Polymorphic Ventricular Tachycardia. Circulation Research, 2009, 104, 201-209.	4.5	137
93	Mineralocorticoid Modulation of Cardiac Ryanodine Receptor Activity Is Associated With Downregulation of FK506-Binding Proteins. Circulation, 2009, 119, 2179-2187.	1.6	88
94	Akt regulates L-type Ca2+ channel activity by modulating CavÎ±1 protein stability. Journal of Cell Biology, 2009, 184, 923-933.	5.2	101
95	Terlipressin, a provasopressin drug exhibits direct vasoconstrictor properties: Consequences on heart perfusion and performance*. Critical Care Medicine, 2009, 37, 876-881.	0.9	84
96	Conditional FKBP12.6 Overexpression in Mouse Cardiac Myocytes Prevents Triggered Ventricular Tachycardia Through Specific Alterations in Excitation- Contraction Coupling. Circulation, 2008, 117, 1778-1786.	1.6	57
97	Cardiomyocyte Overexpression of Neuronal Nitric Oxide Synthase Delays Transition Toward Heart Failure in Response to Pressure Overload by Preserving Calcium Cycling. Circulation, 2008, 117, 3187-3198.	1.6	73
98	Nitric oxide pathway counteracts enhanced contraction to membrane depolarization in aortic rings of rats on high-sodium diet. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 292, R1557-R1562.	1.8	13
99	Myocardial Expression of a Dominant-Negative Form of Daxx Decreases Infarct Size and Attenuates Apoptosis in an In Vivo Mouse Model of Ischemia/Reperfusion Injury. Circulation, 2007, 116, 2709-2717.	1.6	34
100	The cAMP binding protein Epac modulates Ca2+sparks by a Ca2+/calmodulin kinase signalling pathway in rat cardiac myocytes. Journal of Physiology, 2007, 583, 685-694.	2.9	179
101	â€˜Ca2+-induced Ca2+ entryâ€™ or how the L-type Ca2+ channel remodels its own signalling pathway in cardiac cells. Progress in Biophysics and Molecular Biology, 2006, 90, 118-135.	2.9	57
102	Unzipping RyR2 in adult cardiomyocytes: Getting closer to mechanisms of inherited ventricular arrhythmias?. Cardiovascular Research, 2006, 70, 407-409.	3.8	6
103	Mechanisms of [Ca2+]i Transient Decrease in Cardiomyopathy of db/db Type 2 Diabetic Mice. Diabetes, 2006, 55, 608-615.	0.6	224
104	Heparin binding EGF is necessary for vasospastic response to endothelin. FASEB Journal, 2006, 20, 1936-1938.	0.5	60
105	A direct relationship between plasma aldosterone and cardiac L-type Ca2+current in mice. Journal of Physiology, 2005, 569, 153-162.	2.9	58
106	Frequency-dependent and proarrhythmogenic effects of FK-506 in rat ventricular cells. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 288, H778-H786.	3.2	32
107	Ca-dependent reduction of I in rat ventricular cells: A novel paradigm for arrhythmia in heart failure?. Cardiovascular Research, 2005, 68, 204-212.	3.8	61
108	Neuropeptide Y rapidly enhances [Ca] transients and Ca sparks in adult rat ventricular myocytes through Y receptor and PLC activation. Journal of Molecular and Cellular Cardiology, 2005, 38, 205-212.	1.9	56

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109	Vascular Effects of Calcium Channel Antagonists: New Evidence. Drugs, 2005, 65, 1???10.	10.9	54
110	Ca2+ Controls Functional Expression of the Cardiac K+ Transient Outward Current via the Calcineurin Pathway. Journal of Biological Chemistry, 2004, 279, 40634-40639.	3.4	40
111	Mineralocorticoid Receptor Antagonism Prevents the Electrical Remodeling That Precedes Cellular Hypertrophy After Myocardial Infarction. Circulation, 2004, 110, 776-783.	1.6	121
112	Mutant cardiac ryanodine receptors and ventricular arrhythmias: is ?gain-of-function? obligatory?. Cardiovascular Research, 2004, 64, 3-5.	3.8	8
113	FKBP12.6 overexpression decreases Ca2+ spark amplitude but enhances [Ca2+]i transient in rat cardiac myocytes. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 287, H1987-H1993.	3.2	52
114	Effects of Amiodarone and Dronedarone on Voltageâ€Dependent Sodium Current in Human Cardiomyocytes. Journal of Cardiovascular Electrophysiology, 2003, 14, 885-890.	1.7	98
115	Ca2+ current-mediated regulation of action potential by pacing rate in rat ventricular myocytes. Cardiovascular Research, 2003, 57, 670-680.	3.8	42
116	Permissive Effect of Voltage on mGlu 7 Receptor Subtype Signaling in Neurons. Journal of Biological Chemistry, 2002, 277, 1223-1228.	3.4	16
117	Altered communication between l-type calcium channels and ryanodine receptors in heart failure. Frontiers in Bioscience - Landmark, 2002, 7, e263.	3.0	38
118	A single olfactory receptor specifically binds a set of odorant molecules. European Journal of Neuroscience, 2002, 15, 409-418.	2.6	84
119	Cyclosporin A increases basal intracellular calcium and calcium responses to endothelin and vasopressin in human coronary myocytes. FEBS Letters, 2001, 493, 57-62.	2.8	17
120	Inhibition of T-Type and L-Type Calcium Channels by Mibefradil: Physiologic and Pharmacologic Bases of Cardiovascular Effects. Journal of Cardiovascular Pharmacology, 2001, 37, 649-661.	1.9	56
121	Rapid Stimulatory Effects of Brain-Derived Neurotrophic Factor and Neurotrophin-3 on Somatostatin Release and Intracellular Calcium Rise in Primary Hypothalamic Cell Cultures. Neuroendocrinology, 2001, 74, 43-54.	2.5	36
122	Overexpression of Tâ€type calcium channels in HEKâ€293 cells increases intracellular calcium without affecting cellular proliferation. FEBS Letters, 2000, 478, 166-172.	2.8	94
123	Pharmacological manipulation of Ins(1,4,5)P3 signaling mimics preconditioning in rabbit heart. American Journal of Physiology - Heart and Circulatory Physiology, 1999, 277, H2458-H2469.	3.2	30
124	Regulation of Ca2+Homeostasis by Atypical Na+Currents in Cultured Human Coronary Myocytes. Circulation Research, 1999, 85, 606-613.	4.5	27
125	[5] Molecular physiology of human cardiovascular ion channels: From electrophysiology to molecular genetics. Methods in Enzymology, 1998, 293, 71-88.	1.0	7
126	A Novel Tetrodotoxin-Sensitive Na sup + Current in Cultured Human Coronary Myocytes. Circulation Research, 1997, 80, 377-382.	4.5	46

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127	Absence of calcium channels in neonatal rat aortic myocytes. Pflugers Archiv European Journal of Physiology, 1996, 431, 791-793.	2.8	8
128	High Frequencyâ€“Induced Upregulation of Human Cardiac Calcium Currents. Circulation, 1996, 93, 120-128.	1.6	135
129	Dihydropyridines, phenylalkylamines and benzothiazepines block N-, P/Q- and R-type calcium currents. Pflugers Archiv European Journal of Physiology, 1995, 431, 10-19.	2.8	79
130	Two high-voltage-activated, dihydropyridine-sensitive Ca2+ channel currents with distinct electrophysiological and pharmacological properties in cultured rat aortic myocytes. Pflugers Archiv European Journal of Physiology, 1993, 424, 45-53.	2.8	23
131	Inhibition of T-type calcium currents by dihydropyridines in mouse embryonic dorsal root ganglion neurons. Neuroscience Letters, 1991, 132, 229-234.	2.1	40
132	Voltage-dependent regulation of L-type cardiac Ca channels by isoproterenol. Pflugers Archiv European Journal of Physiology, 1991, 419, 596-602.	2.8	46
133	Electrophysiological expression of endothelin and angiotensin receptors in Xenopus oocytes injected with rat heart mRNA. FEBS Letters, 1989, 258, 289-292.	2.8	7
134	Tension activation and relaxation in frog atrial fibres. Pflugers Archiv European Journal of Physiology, 1987, 410, 326-334.	2.8	6
135	Photochemically produced intracellular concentration jumps of cAMP mimic the effects of catecholamines on excitation-contraction coupling in frog atrial fibers. Pflugers Archiv European Journal of Physiology, 1985, 403, 312-317.	2.8	19
136	New photoactivatable cyclic nucleotides produce intracellular jumps in cyclic AMP and cyclic GMP concentrations. Nature, 1984, 310, 74-76.	27.8	134