Terence J Campbell

List of Publications by Year
in descending order

47 papers	2,312 citations	361296 20 h-index	243529 44 g-index
49 all docs	49 docs citations	49 times ranked	1601 citing authors

#	Article	IF	Citations
1	Kinetics of onset of rate-dependent effects of Class I antiarrhythmic drugs are important in determining their effects on refractoriness in guinea-pig ventricle, and provide a theoretical basis for their subclassification. Cardiovascular Research, 1983, 17, 344-352.	1.8	283
2	HERG K+ channels: friend and foe. Trends in Pharmacological Sciences, 2001, 22, 240-246.	4.0	273
3	The Intracellular Chloride Ion Channel Protein CLIC1 Undergoes a Redox-controlled Structural Transition. Journal of Biological Chemistry, 2004, 279, 9298-9305.	1.6	192
4	Molecular Cloning and Expression of a Chloride Ion Channel of Cell Nuclei. Journal of Biological Chemistry, 1997, 272, 12575-12582.	1.6	185
5	Crystal Structure of a Soluble Form of the Intracellular Chloride Ion Channel CLIC1 (NCC27) at 1.4-Ã... Resolution. Journal of Biological Chemistry, 2001, 276, 44993-45000.	1.6	180
6	The nuclear chloride ion channel NCC27 is involved in regulation of the cell cycle. Journal of Physiology, 2000, 529, 541-552.	1.3	136
7	Drug Binding to the Inactivated State Is Necessary but Not Sufficient for High-Affinity Binding to Human Ether-Ã-go-go-Related Gene Channels. Molecular Pharmacology, 2008, 74, 1443-1452.	1.0	124
8	Recombinant CLIC1 (NCC27) Assembles in Lipid Bilayers via a pH-dependent Two-state Process to Form Chloride Ion Channels with Identical Characteristics to Those Observed in Chinese Hamster Ovary Cells Expressing CLIC1. Journal of Biological Chemistry, 2002, 277, 26003-26011.	1.6	110
9	Resting and Rate-Dependent Depression of Maximum Rate of Depolarisation (Vmax) in Guinea Pig Ventricular Action Potentials by Mexiletine, Disopyramide, and Encainide. Journal of Cardiovascular Pharmacology, 1983, 5, 291-296.	0.8	100
10	Importance of physicoâ€chemical properties in determining the kinetics of the effects of Class I antiarrhythmic drugs on maximum rate of depolarization in guineaâ€pig ventricle. British Journal of Pharmacology, 1983, 80, 33-40.	2.7	90
11	The death of a healthy volunteer in a human research project: implications for Australian clinical research. Medical Journal of Australia, 1998, 168, 449-451.	0.8	77
12	Structure of the HERG K+ Channel S5P Extracellular Linker. Journal of Biological Chemistry, 2003, 278, 42136-42148.	1.6	69
13	The HERG K + channel: progress in understanding the molecular basis of its unusual gating kinetics. European Biophysics Journal, 2004, 33, 89-97.	1.2	57
14	Molecular basis of slow activation of the humanether-Ã¡-go-gorelated gene potassium channel. Journal of Physiology, 2004, 558, 417-431.	1.3	52
15	Tryptophan scanning mutagenesis of the HERG K+channel: the S4 domain is loosely packed and likely to be lipid exposed. Journal of Physiology, 2005, 569, 367-379.	1.3	48
16	Cellular electrophysiological effects of <scp>d</scp>â€and <scp>dl</scp>â€sotalol in guineaâ€pig sinoatrial node, atrium and ventricle and human atrium: differential tissue sensitivity. British Journal of Pharmacology, 1987, 90, 593-599.	2.7	39
17	Effects of Hyperkalemia, Acidosis, and Hypoxia on the Depression of Maximum Rate of Depolarization by Class I Antiarrhythmic Drugs in Guinea Pig Myocardium. Journal of Cardiovascular Pharmacology, 1991, 18, 51-60.	0.8	37
18	Resting, and rateâ€dependent depression of of guineaâ€pig ventricular action potentials by amiodarone and desethylamiodarone. British Journal of Pharmacology, 1987, 92, 97-103.	2.7	34

#	Article	IF	Citations
19	Subclassification of Class I antiarrhythmic drugs: Enhanced relevance after CAST. Cardiovascular Drugs and Therapy, 1992, 6, 519-528.	1.3	22
20	Inhibition of ATPâ€Sensitive Potassium Channels in Cardiac Myocytes by the Novel Class III Antiarrhythmic Agent MSâ€551. Basic and Clinical Pharmacology and Toxicology, 1995, 77, 65-70.	0.0	22
21	Effects of disopyramide and flecainide on the kinetics of inward rectifier potassium channels in rabbit heart muscle. British Journal of Pharmacology, 1994, 111, 873-879.	2.7	20
22	Characteristics of cardiac action potentials in marsupials. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 1989, 158, 759-762.	0.7	16
23	Cardiac electrophysiological actions of captopril: lack of direct antiarrhythmic effects. British Journal of Pharmacology, 1989, 98, 192-196.	2.7	16
24	Influence of cardiovascular absolute risk assessment on prescribing of antihypertensive and lipid-lowering medications: A cluster randomized controlled trial. American Heart Journal, 2014, 167, 28-35.	1.2	16
25	DIFFERENTIAL EFFECTS ON ACTION POTENTIAL DURATION OF CLASS IA, B AND C ANTIARRHYTHMIC DRUGS: MODULATION BY STIMULATION RATE AND EXTRACELLULAR K+ CONCENTRATION. Clinical and Experimental Pharmacology and Physiology, 1991, 18, 533-541.	0.9	12
26	Prerequisites for implementing cardiovascular absolute risk assessment in general practice: a qualitative study of Australian general practitioners' and patients' views. Journal of Evaluation in Clinical Practice, 2010, 16, 580-584.	0.9	9
27	VOLTAGEâ€•AND TIMEâ€ÐEPENDENT DEPRESSION OF MAXIMUM RATE OF DEPOLARIZATION OF GUINEAâ€PIG VENTRICULAR ACTION POTENTIALS BY TWO STEROIDAL ANTIARRHYTHMIC DRUGS, CCI 22277 AND ORG 6001. British Journal of Pharmacology, 1982, 77, 541-548.	2.7	8
28	SELECTIVE DEPRESSION OF MAXIMUM RATE OF DEPOLARIZATION OF GUINEA-PIG VENTRICULAR ACTION POTENTIALS BY AMIODARONE AND LIGNOCAINE IN SIMULATED ISCHAEMIA: COMPARISON WITH ENCAINIDE. Clinical and Experimental Pharmacology and Physiology, 1990, 17, 135-145.	0.9	8
29	Quinidine but Not Disopyramide Prolongs Cardiac Purkinje Fiber Action Potentials After a Pause. Journal of Cardiovascular Pharmacology, 1994, 23, 833-837.	0.8	8
30	DIFFERENTIAL EFFECTS OF ANTIARRHYTHMIC AGENTS ON POST-PAUSE REPOLARIZATION IN CARDIAC PURKINJE FIBRES. Clinical and Experimental Pharmacology and Physiology, 1996, 23, 825-829.	0.9	8
31	Comparative Study of the Effects of Erythromycin and Roxithromycin on Action Potential Duration and Potassium Currents in Canine Purkinje Fibers and Rabbit Myocardium. Journal of Cardiovascular Pharmacology and Therapeutics, 1998, 3, 29-36.	1.0	8
32	The effects of nadolol on various cardiac tissues in normoxia, and on atrial muscle in simulated ischaemia. European Journal of Pharmacology, 1982, 83, 161-169.	1.7	7
33	Effects of hyperkalaemia on the depression of maximum rate of depolarization by class I antiarrhythmic agents in guineaâ€pig myocardium. British Journal of Pharmacology, 1993, 108, 255-261.	2.7	7
34	Effect of the Class III Antiarrhythmic Agent Eâ€4031 on the ATPâ€Sensitive Potassium Channel in Rabbit Ventricular Myocytes. Basic and Clinical Pharmacology and Toxicology, 1996, 78, 89-93.	0.0	7
35	Modulation of the Electrophysiologic Actions of E-4031 and Dofetilide by Hyperkalemia and Acidosis in Rabbit Ventricular Myocytes. Journal of Cardiovascular Pharmacology and Therapeutics, 1997, 2, 205-212.	1.0	7
36	Effect of Dofetilide and d-Sotalol on the ATP-Sensitive Potassium Channel of Rabbit Ventricular Myocytes. Journal of Cardiovascular Pharmacology and Therapeutics, 1996, 1, 307-312.	1.0	5

#	Article	IF	Citations
37	Treatment of atrial fibrillation: time for change?. Medical Journal of Australia, 1992, 157, 78-80.	0.8	3
38	Class III antiarrhythmic action: the way forward?. Medical Journal of Australia, 1993, 158, 732-733.	0.8	3
39	The Novel Class III Antiarrhythmic Agent MS-551 Blocks the Cardiac Inward Rectifier With Greater Potency Than Sotalol or E-4031: Possible Relevance to Reverse Use Dependence. Journal of Cardiovascular Pharmacology and Therapeutics, 1997, 2, 39-46.	1.0	2
40	Interdisciplinary, cross- institutional collaborations: The Academic Health Sciences Centre as a key to addressing complex health problems and advancing research-based health care. Collegian, 2011, 18, 1-2.	0.6	2
41	A survey of Australian public attitudes towards funding of high cost cancer medicines. Health Policy, 2021, 125, 327-334.	1.4	2
42	Antiarrhythmic agents*. Medical Journal of Australia, 1984, 141, 718-723.	0.8	2
43	Depression of maximum rate of depolarization of guineaâ€pig ventricular action potentials by metabolites of encainide. British Journal of Pharmacology, 1989, 97, 619-625.	2.7	1
44	A POSSIBLE ROLE FOR FREE RADICALS IN CARDIAC REPERFUSION PHENOMENA. Australian and New Zealand Journal of Medicine, 1987, 17, 459-460.	0.5	0
45	Reply from Jamie I. Vandenberg, Adam P. Hill, Terence J. Campbell, Catherine E. Clarke. Journal of Physiology, 2006, 577, 461-462.	1.3	0
46	Recent developments in the pharmacotherapy of cardiac failure. Medical Journal of Australia, 1992, 157, 292-294.	0.8	0
47	Digitalis for patients with heart failure in sinus rhythm. Medical Journal of Australia, 1993, 159, 647-649.	0.8	0