David A Lathrop

List of Publications by Year
in descending order

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60 papers	3,228 citations	318942 23 h-index	169272 56 g-index
62 all docs	62 docs citations	62 times ranked	3781 citing authors

#	Article	IF	Citations
1	Peter M. Spooner, November 11, 1942â€“January 30, 2016. Heart Rhythm, 2016, 13, 1187.	0.3	0
2	National, Heart, Lung, and Blood Institute support of cardiac arrhythmia research. Heart Rhythm, 2016, 13, 1570-1572.	0.3	0
3	Pulseless Electric Activity. Circulation, 2013, 128, 2532-2541.	1.6	139
4	Elucidating Nature's Solutions to Heart, Lung, and Blood Diseases and Sleep Disorders. Circulation Research, 2012, 110, 915-921.	2.0	23
5	Current NHLBI perspectives on translational heart failure research. Journal of Molecular and Cellular Cardiology, 2011, 51, 441-443.	0.9	2
6	Systems Approach to Understanding Electromechanical Activity in the Human Heart. Circulation, 2008, 118, 1202-1211.	1.6	66
7	Omega-3 Fatty Acids and Cardiac Arrhythmias: Prior Studies and Recommendations for Future Research. Circulation, 2007, 116, e320-35.	1.6	155
8	Inherited Arrhythmias. Circulation, 2007, 116, 2325-2345.	1.6	235
9	Restricting Excessive Cardiac Action Potential and QT Prolongation. Circulation, 2005, 112, 1392-1399.	1.6	346
10	The perplexing complexity of cardiac arrhythmias: Beyond electrical remodeling. Heart Rhythm, 2005, 2, 650-659.	0.3	23
11	A systematic review and meta-analysis of the impact of ï‰-3 fatty acids on selected arrhythmia outcomes in animal models. Metabolism: Clinical and Experimental, 2005, 54, 1557-1565.	1.5	57
12	Clearer Connections:. Toward Improved Understanding of Neural Communications with the Heart and Their Involvement in Arrhythmias and Sudden Death. Journal of Cardiovascular Electrophysiology, 2004, 15, 438-439.	0.8	1
13	Myocardial Protection at a Crossroads. Circulation Research, 2004, 95, 125-134.	2.0	404
14	Endogenous glycogen prevents Ca2+overload and hypercontracture in harp seal myocardial cells during simulated ischemia. Journal of Molecular and Cellular Cardiology, 2004, 37, 43-50.	0.9	19
15	On the Neural Connection. Journal of Cardiovascular Electrophysiology, 2001, 12, 841-844.	0.8	26
16	Pharmacological block of the slow component of the outward delayed rectifier current (I Ks) fails to lengthen rabbit ventricular muscle QTc and action potential duration. British Journal of Pharmacology, 2001, 132, 101-110.	2.7	97
17	The role of the delayed rectifier component I Ks in dog ventricular muscle and Purkinje fibre repolarization. Journal of Physiology, 2000, 523, 67-81.	1.3	208
18	Cardiac effects of non-depolarizing neuromuscular blocking agents pancuronium, vecuronium, and rocuronium in isolated rat atria. General Pharmacology, 1999, 33, 313-317.	0.7	15

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19	Effects of the optical isomers of verapamil on electrophysiological properties of the heart in conscious dogs. European Journal of Pharmacology, 1998, 355, 159-166.	1.7	1
20	Reversal of Hypothermia-Induced Action Potential Lengthening by the KATP Channel Agonist Bimakalim in Isolated Guinea Pig Ventricular Muscle. General Pharmacology, 1998, 31, 125-131.	0.7	22
21	Action-Potential Duration and Contractility in Canine Cardiac Tissues. General Pharmacology, 1998, 31, 415-418.	0.7	2
22	The Role of Glycolysis in Myocardial Calcium Control. Journal of Molecular and Cellular Cardiology, 1998, 30, 1703-1712.	0.9	17
23	Influence of hypothermia on the cardiac effects of propranolol observed in isolated rat atria. General Pharmacology, 1997, 28, 55-59.	0.7	3
24	Electrical restitution in diseased human ventricular myocardium. Clinical Physiology, 1996, 16, 339-351.	0.7	9
25	Comparison of the Electromechanical Effects of Vesnarinone and Amrinone in Isolated Dog Purkinje Strands and Ventricular Trabeculae. Journal of Cardiovascular Pharmacology and Therapeutics, 1996, 1, 133-140.	1.0	4
26	Alteration of the cardiac effects of isoproterenol and propranolol by hypothermia in isolated rat atrium. General Pharmacology, 1996, 27, 665-668.	0.7	5
27	Differences in the Effects of d- and dl-Sotalol on Isolated Human Ventricular Muscle: Electromechanical Activity After Beta-Adrenoceptor Stimulation. Journal of Cardiovascular Pharmacology and Therapeutics, 1996, 1, 65-73.	1.0	6
28	Effects of veratridine on Na and Ca currents in frog skeletal muscle. General Pharmacology, 1994, 25, 1661-1666.	0.7	5
29	Effects of veratrine on ion currents in single rabbit cardiomyocytes. General Pharmacology, 1994, 25, 1667-1672.	0.7	0
30	Ionic basis for OPC-8212-induced increase in action potential duration in isolated rabbit, guinea pig and human ventricular myocytes. European Journal of Pharmacology, 1993, 240, 127-137.	1.7	19
31	CHANGES IN VENTRICULAR FIBRILLATION THRESHOLD DURING ACUTE HYPOTHERMIA. A MODEL FOR FUTURE STUDIES. Journal of Basic and Clinical Physiology and Pharmacology, 1993, 4, 313-9.	0.7	28
32	Effects of altered extracellular potassium and pacing cycle length on the class III antiarrhythmic actions of dofetilide (UK-68,798) in guinea-pig papillary muscle. Cardiovascular Drugs and Therapy, 1992, 6, 429-436.	1.3	18
33	Biphasic effect of tetraethylammonium on canine Purkinje fibre action potential configuration. General Pharmacology, 1992, 23, 733-738.	0.7	2
34	Active and Passive Electrical Properties of Isolated Canine Cardiac Purkinje Fibers under Conditions Simulating Ischaemia: Effect of Diltiazem. Basic and Clinical Pharmacology and Toxicology, 1992, 71, 52-56.	0.0	2
35	Effect of sotalol on transmembrane ionic currents responsible for repolarization in cardiac ventricular myocytes from rabbit and guinea pig. Life Sciences, 1991, 49, PL7-PL12.	2.0	22
36	Rate and concentrationâ€dependent effects of UKâ€68,798, a potent new class III antiarrhythmic, on canine Purkinje fibre action potential duration and V_{max}. British Journal of Pharmacology, 1991, 103, 1568-1572.	2.7	45

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37	Sotalol and Mexiletine: Combination of Rate-Dependent Electrophysiological Effects. Journal of Cardiovascular Pharmacology, 1990, 16, 557-567.	0.8	22
38	Concentration- and rate-dependent electrophysiological effects of restacorin on isolated canine purkinje fibres. Naunyn-Schmiedeberg's Archives of Pharmacology, 1990, 342, 691-697.	1.4	3
39	Effects of Propranolol on Premature Action Potentials in Canine Purkinje and Ventricular Muscle. Journal of Cardiovascular Pharmacology, 1990, 16, 757-763.	0.8	9
40	Effect of antiarrhythmic drugs, TTX, and 4-aminopyridine on repetitive electrical activity in frog skeletal muscle. General Pharmacology, 1990, 21, 563-567.	0.7	0
41	Use-dependent action of antiarrhythmic drugs in frog skeletal muscle and canine cardiac Purkinje fiber. General Pharmacology, 1990, 21, 747-751.	0.7	3
42	Different actions of aconitine and veratrum alkaloids on frog skeletal muscle. General Pharmacology, 1990, 21, 863-868.	0.7	19
43	In vitro cardiac models of dog Purkinje fibre triggered and spontaneous electrical activity: effects of nicorandil. British Journal of Pharmacology, 1990, 99, 119-123.	2.7	29
44	The combined electrophysiological effects of lignocaine and sotalol in canine isolated cardiac Purkinje fibres are rateâ€dependent. British Journal of Pharmacology, 1990, 99, 124-130.	2.7	18
45	A Moderate Concentration of Ethanol Alters Cellular Membrane Potentials and Decreases Contractile Force of Human Fetal Heart. Developmental Pharmacology and Therapeutics, 1989, 13, 51-56.	0.2	11
46	Modulation of the effects of sotalol on Purkinje strand electromechanical characteristics. Canadian Journal of Physiology and Pharmacology, 1989, 67, 1463-1467.	0.7	8
47	Hemodynamic and electrophysiologic effects of amlodipine, a new calcium channel blocker. American Journal of Cardiology, 1989, 64, I71-I77.	0.7	9
48	Amlodipine, a long-acting calcium antagonist drug reduces ischemia-induced ventricular conduction delay in pig hearts. American Journal of Cardiology, 1989, 64, I78-I83.	0.7	3
49	Rate-dependent electrophysiological effects of OPC-8212: comparison to sotalol. European Journal of Pharmacology, 1989, 164, 487-496.	1.7	28
50	Age-Related Changes in Electromechanical Properties of Canine Ventricular Muscle: Effect of Ouabain. Journal of Cardiovascular Pharmacology, 1989, 14, 681-687.	0.8	2
51	Age-related digoxin effects in an intact canine model. American Heart Journal, 1987, 114, 583-588.	1.2	5
52	Electromechanical characterization of the effects of racemic sotalol and its optical isomers on isolated canine ventricular trabecular muscles and Purkinje strands. Canadian Journal of Physiology and Pharmacology, 1985, 63, 1506-1512.	0.7	44
53	Pharmacology of calcium antagonists. American Journal of Cardiology, 1985, 55, C3-C7.	0.7	42
54	Evidence for possible increase of sodium channel open time and involvement of Na/Ca exchange by a new positive inotropic drug: OPC-8212. European Journal of Pharmacology, 1985, 117, 391-392.	1.7	37

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55	Effects of bepridil on force development and transmembrane electrical activity of adult canine purkinje strands: Comparison with nisoldipine and lidocaine. European Journal of Pharmacology, 1985, 118, 283-292.	1.7	4
56	Flow-independent improvement by diltiazem of ischemia-induced conduction delay in porcine hearts. Journal of the American College of Cardiology, 1983, 2, 474-480.	1.2	18
57	Age-Related Changes in Electrophysiological Properties of Canine Purkinje Fibers: Effect of Ouabain. Developmental Pharmacology and Therapeutics, 1983, 6, 145-156.	0.2	2
58	Electro-mechanical effects of calcium channel blockers, diltiazem, verapamil, and nisoldipine on canine atrial, ventricular, and purkinje fibers. American Journal of Cardiology, 1982, 49, 976.	0.7	1
59	Differential cardiovascular effects of calcium channel blocking agents: Potential mechanisms. American Journal of Cardiology, 1982, 49, 499-506.	0.7	201
60	Comparative electrophysiologic and coronary hemodynamic effects of diltiazem, nisoldipine and verapamil on myocardial tissue. American Journal of Cardiology, 1982, 49, 613-620.	0.7	78