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List of Publications by Citations

442 papers	40,376 citations	102 h-index	191 g-index
498 ext. papers	45,066 ext. citations	6.1 avg, IF	7.51 L-index

#	Paper	IF	Citations
442	Contemporary definitions and classification of the cardiomyopathies: an American Heart Association Scientific Statement from the Council on Clinical Cardiology, Heart Failure and Transplantation Committee; Quality of Care and Outcomes Research and Functional Genomics and Translational Biology Interdisciplinary Working Groups; and Council on Epidemiology and Prevention. *Circulation*, **2006**, 113, 1807-16	16.7	2279
441	Genetic basis and molecular mechanism for idiopathic ventricular fibrillation. *Nature*, **1998**, 392, 293-6	50.4	1455
440	Brugada syndrome: report of the second consensus conference: endorsed by the Heart Rhythm Society and the European Heart Rhythm Association. *Circulation*, **2005**, 111, 659-70	16.7	1356
439	Cellular basis for the Brugada syndrome and other mechanisms of arrhythmogenesis associated with ST-segment elevation. *Circulation*, **1999**, 100, 1660-6	16.7	905
438	Cellular basis for the normal T wave and the electrocardiographic manifestations of the long-QT syndrome. *Circulation*, **1998**, 98, 1928-36	16.7	790
437	Loss-of-function mutations in the cardiac calcium channel underlie a new clinical entity characterized by ST-segment elevation, short QT intervals, and sudden cardiac death. *Circulation*, **2007**, 115, 442-9	16.7	731
436	Sudden death associated with short-QT syndrome linked to mutations in HERG. *Circulation*, **2004**, 109, 30-5	16.7	685
435	Sodium channel blockers identify risk for sudden death in patients with ST-segment elevation and right bundle branch block but structurally normal hearts. *Circulation*, **2000**, 101, 510-5	16.7	639
434	Proposed diagnostic criteria for the Brugada syndrome: consensus report. *Circulation*, **2002**, 106, 2514-9	16.7	631
433	Cellular basis for the electrocardiographic J wave. *Circulation*, **1996**, 93, 372-9	16.7	557
432	Electrophysiological effects of ranolazine, a novel antianginal agent with antiarrhythmic properties. *Circulation*, **2004**, 110, 904-10	16.7	547
431	An international compendium of mutations in the SCN5A-encoded cardiac sodium channel in patients referred for Brugada syndrome genetic testing. *Heart Rhythm*, **2010**, 7, 33-46	6.7	515
430	Ionic mechanisms responsible for the electrocardiographic phenotype of the Brugada syndrome are temperature dependent. *Circulation Research*, **1999**, 85, 803-9	15.7	469
429	Long-term follow-up of individuals with the electrocardiographic pattern of right bundle-branch block and ST-segment elevation in precordial leads V1 to V3. *Circulation*, **2002**, 105, 73-8	16.7	462
428	Cellular basis for the ECG features of the LQT1 form of the long-QT syndrome: effects of beta-adrenergic agonists and antagonists and sodium channel blockers on transmural dispersion of repolarization and torsade de pointes. *Circulation*, **1998**, 98, 2314-22	16.7	439
427	The M cell: its contribution to the ECG and to normal and abnormal electrical function of the heart. *Journal of Cardiovascular Electrophysiology*, **1999**, 10, 1124-52	2.7	436
426	J wave syndromes. *Heart Rhythm*, **2010**, 7, 549-58	6.7	425

425	Characteristics of the delayed rectifier current (IKr and IKs) in canine ventricular epicardial, midmyocardial, and endocardial myocytes. A weaker IKs contributes to the longer action potential of the M cell. *Circulation Research*, **1995**, 76, 351-65	15.7	412
424	Clinical relevance of cardiac arrhythmias generated by afterdepolarizations. Role of M cells in the generation of U waves, triggered activity and torsade de pointes. *Journal of the American College of Cardiology*, **1994**, 23, 259-77	15.1	410
423	The Brugada syndrome: clinical, electrophysiologic and genetic aspects. *Journal of the American College of Cardiology*, **1999**, 33, 5-15	15.1	393
422	Characteristics and distribution of M cells in arterially perfused canine left ventricular wedge preparations. *Circulation*, **1998**, 98, 1921-7	16.7	383
421	Sodium channel block with mexiletine is effective in reducing dispersion of repolarization and preventing torsade des pointes in LQT2 and LQT3 models of the long-QT syndrome. *Circulation*, **1997**, 96, 2038-47	16.7	357
420	Tpeak-Tend and Tpeak-Tend dispersion as risk factors for ventricular tachycardia/ventricular fibrillation in patients with the Brugada syndrome. *Journal of the American College of Cardiology*, **2006**, 47, 1828-34	15.1	356
419	Common variants at SCN5A-SCN10A and HEY2 are associated with Brugada syndrome, a rare disease with high risk of sudden cardiac death. *Nature Genetics*, **2013**, 45, 1044-9	36.3	345
418	Atrium-selective sodium channel block as a strategy for suppression of atrial fibrillation: differences in sodium channel inactivation between atria and ventricles and the role of ranolazine. *Circulation*, **2007**, 116, 1449-57	16.7	330
417	Brugada syndrome: report of the second consensus conference. *Heart Rhythm*, **2005**, 2, 429-40	6.7	329
416	The Brugada syndrome: ionic basis and arrhythmia mechanisms. *Journal of Cardiovascular Electrophysiology*, **2001**, 12, 268-72	2.7	329
415	Mutations in the cardiac L-type calcium channel associated with inherited J-wave syndromes and sudden cardiac death. *Heart Rhythm*, **2010**, 7, 1872-82	6.7	324
414	Differential effects of beta-adrenergic agonists and antagonists in LQT1, LQT2 and LQT3 models of the long QT syndrome. *Journal of the American College of Cardiology*, **2000**, 35, 778-86	15.1	320
413	Ionic and cellular basis for the predominance of the Brugada syndrome phenotype in males. *Circulation*, **2002**, 106, 2004-11	16.7	298
412	A molecular link between the sudden infant death syndrome and the long-QT syndrome. *New England Journal of Medicine*, **2000**, 343, 262-7	59.2	296
411	Effect of epicardial or biventricular pacing to prolong QT interval and increase transmural dispersion of repolarization: does resynchronization therapy pose a risk for patients predisposed to long QT or torsade de pointes?. *Circulation*, **2003**, 107, 740-6	16.7	288
410	The potential for QT prolongation and proarrhythmia by non-antiarrhythmic drugs: clinical and regulatory implications. Report on a policy conference of the European Society of Cardiology. *European Heart Journal*, **2000**, 21, 1216-31	9.5	286
409	Early repolarization syndrome: clinical characteristics and possible cellular and ionic mechanisms. *Journal of Electrocardiology*, **2000**, 33, 299-309	1.4	286
408	Short QT syndrome: pharmacological treatment. *Journal of the American College of Cardiology*, **2004**, 43, 1494-9	15.1	278

407	Brugada syndrome. *PACE - Pacing and Clinical Electrophysiology*, **2006**, 29, 1130-59	1.6	273
406	Drug-induced torsades de pointes and implications for drug development. *Journal of Cardiovascular Electrophysiology*, **2004**, 15, 475-95	2.7	272
405	Cellular and ionic basis for T-wave alternans under long-QT conditions. *Circulation*, **1999**, 99, 1499-507	16.7	268
404	Genetic and biophysical basis of sudden unexplained nocturnal death syndrome (SUNDS), a disease allelic to Brugada syndrome. *Human Molecular Genetics*, **2002**, 11, 337-45	5.6	263
403	Electrical heterogeneity within the ventricular wall. *Basic Research in Cardiology*, **2001**, 96, 517-27	11.8	257
402	Functional effects of KCNE3 mutation and its role in the development of Brugada syndrome. *Circulation: Arrhythmia and Electrophysiology*, **2008**, 1, 209-18	6.4	256
401	Assessing predictors of drug-induced torsade de pointes. *Trends in Pharmacological Sciences*, **2003**, 24, 619-25	13.2	256
400	The pathophysiological mechanism underlying Brugada syndrome: depolarization versus repolarization. *Journal of Molecular and Cellular Cardiology*, **2010**, 49, 543-53	5.8	251
399	Unique topographical distribution of M cells underlies reentrant mechanism of torsade de pointes in the long-QT syndrome. *Circulation*, **2002**, 105, 1247-53	16.7	248
398	Reinduction of atrial fibrillation immediately after termination of the arrhythmia is mediated by late phase 3 early afterdepolarization-induced triggered activity. *Circulation*, **2003**, 107, 2355-60	16.7	247
397	Cellular and ionic mechanisms underlying erythromycin-induced long QT intervals and torsade de pointes. *Journal of the American College of Cardiology*, **1996**, 28, 1836-48	15.1	235
396	Augmentation of J waves and electrical storms in patients with early repolarization. *New England Journal of Medicine*, **2008**, 358, 2078-9	59.2	230
395	The Early Repolarization Pattern: A Consensus Paper. *Journal of the American College of Cardiology*, **2015**, 66, 470-7	15.1	229
394	Cellular mechanisms underlying the long QT syndrome. *Current Opinion in Cardiology*, **2002**, 17, 43-51	2.1	207
393	The homeodomain transcription factor Irx5 establishes the mouse cardiac ventricular repolarization gradient. *Cell*, **2005**, 123, 347-58	56.2	200
392	A mutation in the beta 3 subunit of the cardiac sodium channel associated with Brugada ECG phenotype. *Circulation: Cardiovascular Genetics*, **2009**, 2, 270-8		199
391	Does Tpeak-Tend provide an index of transmural dispersion of repolarization?. *Heart Rhythm*, **2007**, 4, 1114-6; author reply 1116-9	6.7	196
390	Effect of sodium channel blockers on ST segment, QRS duration, and corrected QT interval in patients with Brugada syndrome. *Journal of Cardiovascular Electrophysiology*, **2000**, 11, 1320-9	2.7	196

389	Transient outward current (I(to)) gain-of-function mutations in the KCND3-encoded Kv4.3 potassium channel and Brugada syndrome. *Heart Rhythm*, **2011**, 8, 1024-32	6.7	191
388	Cellular basis for QT dispersion. *Journal of Electrocardiology*, **1998**, 30 Suppl, 168-75	1.4	190
387	Role of spatial dispersion of repolarization in inherited and acquired sudden cardiac death syndromes. *American Journal of Physiology - Heart and Circulatory Physiology*, **2007**, 293, H2024-38	5.2	184
386	Electrophysiologic basis for the antiarrhythmic actions of ranolazine. *Heart Rhythm*, **2011**, 8, 1281-90	6.7	182
385	Overview of Basic Mechanisms of Cardiac Arrhythmia. *Cardiac Electrophysiology Clinics*, **2011**, 3, 23-45	1.4	174
384	Amplified transmural dispersion of repolarization as the basis for arrhythmogenesis in a canine ventricular-wedge model of short-QT syndrome. *Circulation*, **2004**, 110, 3661-6	16.7	174
383	Epicardial activation of left ventricular wall prolongs QT interval and transmural dispersion of repolarization: implications for biventricular pacing. *Circulation*, **2004**, 109, 2136-42	16.7	172
382	Larger late sodium conductance in M cells contributes to electrical heterogeneity in canine ventricle. *American Journal of Physiology - Heart and Circulatory Physiology*, **2001**, 281, H689-97	5.2	169
381	J-Wave syndromes expert consensus conference report: Emerging concepts and gaps in knowledge. *Heart Rhythm*, **2016**, 13, e295-324	6.7	166
380	Mutations in SCN10A are responsible for a large fraction of cases of Brugada syndrome. *Journal of the American College of Cardiology*, **2014**, 64, 66-79	15.1	164
379	Antiarrhythmic effects of ranolazine in a guinea pig in vitro model of long-QT syndrome. *Journal of Pharmacology and Experimental Therapeutics*, **2004**, 310, 599-605	4.7	162
378	Mode of onset of ventricular fibrillation in patients with early repolarization pattern vs. Brugada syndrome. *European Heart Journal*, **2010**, 31, 330-9	9.5	155
377	Autonomic aspects of arrhythmogenesis: the enduring and the new. *Current Opinion in Cardiology*, **2004**, 19, 2-11	2.1	154
376	Further insights into the effect of quinidine in short QT syndrome caused by a mutation in HERG. *Journal of Cardiovascular Electrophysiology*, **2005**, 16, 54-8	2.7	154
375	Transmural heterogeneity of calcium activity and mechanical function in the canine left ventricle. *American Journal of Physiology - Heart and Circulatory Physiology*, **2004**, 286, H1471-9	5.2	152
374	Intravenous drug challenge using flecainide and ajmaline in patients with Brugada syndrome. *Heart Rhythm*, **2005**, 2, 254-60	6.7	150
373	Effects of a K(+) channel opener to reduce transmural dispersion of repolarization and prevent torsade de pointes in LQT1, LQT2, and LQT3 models of the long-QT syndrome. *Circulation*, **2000**, 102, 706-12	16.7	150
372	The response of the QT interval to the brief tachycardia provoked by standing: a bedside test for diagnosing long QT syndrome. *Journal of the American College of Cardiology*, **2010**, 55, 1955-61	15.1	149

371	Identification of a novel loss-of-function calcium channel gene mutation in short QT syndrome (SQTS6). *European Heart Journal*, **2011**, 32, 1077-88	9.5	148
370	Brugada syndrome: 1992-2002: a historical perspective. *Journal of the American College of Cardiology*, **2003**, 41, 1665-71	15.1	146
369	Role of transmural dispersion of repolarization in the genesis of drug-induced torsades de pointes. *Heart Rhythm*, **2005**, 2, S9-15	6.7	140
368	Transmural heterogeneity of ventricular repolarization under baseline and long QT conditions in the canine heart in vivo: torsades de pointes develops with halothane but not pentobarbital anesthesia. *Journal of Cardiovascular Electrophysiology*, **2000**, 11, 290-304	2.7	139
367	Programmed Ventricular Stimulation for Risk Stratification in the Brugada Syndrome: A Pooled Analysis. *Circulation*, **2016**, 133, 622-30	16.7	138
366	The Brugada syndrome. *Journal of Cardiovascular Electrophysiology*, **1998**, 9, 513-6	2.7	138
365	Rate dependence of action potential duration and refractoriness in canine ventricular endocardium differs from that of epicardium: role of the transient outward current. *Journal of the American College of Cardiology*, **1989**, 14, 1053-66	15.1	135
364	Role of sodium and calcium channel block in unmasking the Brugada syndrome. *Heart Rhythm*, **2004** , 1, 210-7	6.7	131
363	Chronic amiodarone reduces transmural dispersion of repolarization in the canine heart. *Journal of Cardiovascular Electrophysiology*, **1997**, 8, 1269-79	2.7	130
362	Value of electrocardiographic parameters and ajmaline test in the diagnosis of Brugada syndrome caused by SCN5A mutations. *Circulation*, **2004**, 110, 3023-7	16.7	129
361	J-Wave syndromes expert consensus conference report: Emerging concepts and gaps in knowledge. *Europace*, **2017**, 19, 665-694	3.9	127
360	Electrocardiographic changes predicting sudden death in propofol-related infusion syndrome. *Heart Rhythm*, **2006**, 3, 131-7	6.7	127
359	Heterogeneity and cardiac arrhythmias: an overview. *Heart Rhythm*, **2007**, 4, 964-72	6.7	124
358	Genetic, molecular and cellular mechanisms underlying the J wave syndromes. *Circulation Journal*, **2012**, 76, 1054-65	2.9	123
357	T peak-Tend interval as an index of transmural dispersion of repolarization. *European Journal of Clinical Investigation*, **2001**, 31, 555-7	4.6	123
356	Molecular genetic and functional association of Brugada and early repolarization syndromes with S422L missense mutation in KCNJ8. *Heart Rhythm*, **2012**, 9, 548-55	6.7	120
355	Distribution of M cells in the canine ventricle. *Journal of Cardiovascular Electrophysiology*, **1994**, 5, 824-37	2.7	115
354	Transmural dispersion of repolarization and arrhythmogenicity: the Brugada syndrome versus the long QT syndrome. *Journal of Electrocardiology*, **1999**, 32 Suppl, 158-65	1.4	112

353	Maximum diastolic potential of human induced pluripotent stem cell-derived cardiomyocytes depends critically on I(Kr). *PLoS ONE*, **2012**, 7, e40288	3.7	110
352	Cisapride-induced transmural dispersion of repolarization and torsade de pointes in the canine left ventricular wedge preparation during epicardial stimulation. *Circulation*, **2003**, 108, 1027-33	16.7	109
351	Short QT syndrome: from bench to bedside. *Circulation: Arrhythmia and Electrophysiology*, **2010**, 3, 401-8	6.4	108
350	Synergistic effect of the combination of ranolazine and dronedarone to suppress atrial fibrillation. *Journal of the American College of Cardiology*, **2010**, 56, 1216-24	15.1	106
349	Acceleration-induced action potential prolongation and early afterdepolarizations. *Journal of Cardiovascular Electrophysiology*, **1998**, 9, 934-48	2.7	106
348	Cellular basis for complex T waves and arrhythmic activity following combined I(Kr) and I(Ks) block. *Journal of Cardiovascular Electrophysiology*, **2001**, 12, 1369-78	2.7	106
347	Sodium pentobarbital reduces transmural dispersion of repolarization and prevents torsades de Pointes in models of acquired and congenital long QT syndrome. *Journal of Cardiovascular Electrophysiology*, **1999**, 10, 154-64	2.7	105
346	Ionic, molecular, and cellular bases of QT-interval prolongation and torsade de pointes. *Europace*, **2007**, 9 Suppl 4, iv4-15	3.9	104
345	Amplification of spatial dispersion of repolarization underlies sudden cardiac death associated with catecholaminergic polymorphic VT, long QT, short QT and Brugada syndromes. *Journal of Internal Medicine*, **2006**, 259, 48-58	10.8	104
344	Electrophysiologic properties and antiarrhythmic actions of a novel antianginal agent. *Journal of Cardiovascular Pharmacology and Therapeutics*, **2004**, 9 Suppl 1, S65-83	2.6	104
343	Antiarrhythmic effects of ranolazine in canine pulmonary vein sleeve preparations. *Heart Rhythm*, **2008**, 5, 1019-26	6.7	103
342	Blinded validation of the isolated arterially perfused rabbit ventricular wedge in preclinical assessment of drug-induced proarrhythmias. *Heart Rhythm*, **2006**, 3, 948-56	6.7	103
341	Gain of function in IKs secondary to a mutation in KCNE5 associated with atrial fibrillation. *Heart Rhythm*, **2008**, 5, 427-35	6.7	102
340	Fever-induced Brugada pattern: how common is it and what does it mean?. *Heart Rhythm*, **2013**, 10, 1375-82	6.7	101
339	The role of late I Na in development of cardiac arrhythmias. *Handbook of Experimental Pharmacology*, **2014**, 221, 137-68	3.2	101
338	Late-phase 3 EAD. A unique mechanism contributing to initiation of atrial fibrillation. *PACE - Pacing and Clinical Electrophysiology*, **2006**, 29, 290-5	1.6	98
337	Potential proarrhythmic effects of biventricular pacing. *Journal of the American College of Cardiology*, **2005**, 46, 2340-7	15.1	96
336	ABCC9 is a novel Brugada and early repolarization syndrome susceptibility gene. *International Journal of Cardiology*, **2014**, 171, 431-42	3.2	95

335	I(NaCa) contributes to electrical heterogeneity within the canine ventricle. *American Journal of Physiology - Heart and Circulatory Physiology*, **2000**, 278, H1671-8	5.2	95
334	Evidence for the presence of M cells in the guinea pig ventricle. *Journal of Cardiovascular Electrophysiology*, **1996**, 7, 503-11	2.7	95
333	Drug-induced afterdepolarizations and triggered activity occur in a discrete subpopulation of ventricular muscle cells (M cells) in the canine heart: quinidine and digitalis. *Journal of Cardiovascular Electrophysiology*, **1993**, 4, 48-58	2.7	94
332	Empiric quinidine therapy for asymptomatic Brugada syndrome: time for a prospective registry. *Heart Rhythm*, **2009**, 6, 401-4	6.7	92
331	J-wave syndromes: Brugada and early repolarization syndromes. *Heart Rhythm*, **2015**, 12, 1852-66	6.7	90
330	J-Wave syndromes expert consensus conference report: Emerging concepts and gaps in knowledge. *Journal of Arrhythmia*, **2016**, 32, 315-339	1.5	90
329	Ischemic ventricular arrhythmias: experimental models and their clinical relevance. *Heart Rhythm*, **2011**, 8, 1963-8	6.7	90
328	Mechanisms underlying the development of the electrocardiographic and arrhythmic manifestations of early repolarization syndrome. *Journal of Molecular and Cellular Cardiology*, **2014**, 68, 20-8	5.8	88
327	The arrhythmogenic consequences of increasing late INa in the cardiomyocyte. *Cardiovascular Research*, **2013**, 99, 600-11	9.9	87
326	Accelerated inactivation of the L-type calcium current due to a mutation in CACNB2b underlies Brugada syndrome. *Journal of Molecular and Cellular Cardiology*, **2009**, 46, 695-703	5.8	87
325	Atrial fibrillation and Brugada syndrome. *Journal of the American College of Cardiology*, **2008**, 51, 1149-53	15.1	87
324	Cellular mechanisms underlying the development of catecholaminergic ventricular tachycardia. *Circulation*, **2005**, 111, 2727-33	16.7	87
323	Electrophysiologic characteristics of M cells in the canine left ventricular free wall. *Journal of Cardiovascular Electrophysiology*, **1995**, 6, 591-603	2.7	87
322	Dimethyl lithospermate B, an extract of Danshen, suppresses arrhythmogenesis associated with the Brugada syndrome. *Circulation*, **2006**, 113, 1393-400	16.7	86
321	Brugada syndrome: from cell to bedside. *Current Problems in Cardiology*, **2005**, 30, 9-54	17.1	86
320	Arrhythmogenic mechanisms of QT prolonging drugs: is QT prolongation really the problem?. *Journal of Electrocardiology*, **2004**, 37 Suppl, 15-24	1.4	85
319	Abnormal repolarization as the basis for late potentials and fractionated electrograms recorded from epicardium in experimental models of Brugada syndrome. *Journal of the American College of Cardiology*, **2014**, 63, 2037-45	15.1	84
318	A novel rare variant in SCN1Bb linked to Brugada syndrome and SIDS by combined modulation of Na(v)1.5 and K(v)4.3 channel currents. *Heart Rhythm*, **2012**, 9, 760-9	6.7	84

317	The Brugada syndrome: is an implantable cardioverter defibrillator the only therapeutic option?. *PACE - Pacing and Clinical Electrophysiology*, **2002**, 25, 1634-40	1.6	84
316	A transient outward potassium current activator recapitulates the electrocardiographic manifestations of Brugada syndrome. *Cardiovascular Research*, **2009**, 81, 686-94	9.9	83
315	Compound heterozygous mutations P336L and I1660V in the human cardiac sodium channel associated with the Brugada syndrome. *Circulation*, **2006**, 114, 2026-33	16.7	83
314	Cellular basis for long QT, transmural dispersion of repolarization, and torsade de pointes in the long QT syndrome. *Journal of Electrocardiology*, **1999**, 32 Suppl, 177-84	1.4	83
313	Sudden cardiac death secondary to antidepressant and antipsychotic drugs. *Expert Opinion on Drug Safety*, **2008**, 7, 181-94	4.1	82
312	Cellular basis for electrocardiographic and arrhythmic manifestations of Andersen-Tawil syndrome (LQT7). *Heart Rhythm*, **2006**, 3, 328-35	6.7	77
311	Transmural dispersion of repolarization and the T wave. *Cardiovascular Research*, **2001**, 50, 426-31	9.9	76
310	The Brugada syndrome: diagnostic criteria and cellular mechanisms. *European Heart Journal*, **2001**, 22, 356-63	9.5	74
309	Drug-induced spatial dispersion of repolarization. *Cardiology Journal*, **2008**, 15, 100-21	1.4	74
308	Cellular basis for arrhythmogenesis in an experimental model of the SQT1 form of the short QT syndrome. *Heart Rhythm*, **2008**, 5, 585-90	6.7	73
307	The case for modulated parasystole. *PACE - Pacing and Clinical Electrophysiology*, **1982**, 5, 911-26	1.6	72
306	Cellular basis and mechanism underlying normal and abnormal myocardial repolarization and arrhythmogenesis. *Annals of Medicine*, **2004**, 36 Suppl 1, 5-14	1.5	71
305	Long QT, syndactyly, joint contractures, stroke and novel CACNA1C mutation: expanding the spectrum of Timothy syndrome. *American Journal of Medical Genetics, Part A*, **2012**, 158A, 182-7	2.5	70
304	Cellular basis for the electrocardiographic and arrhythmic manifestations of Timothy syndrome: effects of ranolazine. *Heart Rhythm*, **2007**, 4, 638-47	6.7	70
303	The role of sodium channel current in modulating transmural dispersion of repolarization and arrhythmogenesis. *Journal of Cardiovascular Electrophysiology*, **2006**, 17 Suppl 1, S79-S85	2.7	70
302	Brugada Syndrome: Clinical, Genetic, Molecular, Cellular, and Ionic Aspects. *Current Problems in Cardiology*, **2016**, 41, 7-57	17.1	69
301	Antiarrhythmic effects of the highly selective late sodium channel current blocker GS-458967. *Heart Rhythm*, **2013**, 10, 1036-43	6.7	69
300	Induced pluripotent stem cells as a model for accelerated patient- and disease-specific drug discovery. *Current Medicinal Chemistry*, **2010**, 17, 759-66	4.3	69

299	Synergistic electrophysiologic and antiarrhythmic effects of the combination of ranolazine and chronic amiodarone in canine atria. *Circulation: Arrhythmia and Electrophysiology*, **2010**, 3, 88-95	6.4	66
298	HMR 1556, a potent and selective blocker of slowly activating delayed rectifier potassium current. *Journal of Cardiovascular Pharmacology*, **2003**, 41, 140-7	3.1	66
297	Risk stratification in Brugada syndrome: Clinical characteristics, electrocardiographic parameters, and auxiliary testing. *Heart Rhythm*, **2016**, 13, 299-310	6.7	65
296	Is there a significant transmural gradient in repolarization time in the intact heart? Cellular basis of the T wave: a century of controversy. *Circulation: Arrhythmia and Electrophysiology*, **2009**, 2, 80-8	6.4	64
295	Effects of sodium channel block with mexiletine to reverse action potential prolongation in in vitro models of the long term QT syndrome. *Journal of Cardiovascular Electrophysiology*, **1997**, 8, 1280-90	2.7	64
294	Role of late sodium current in modulating the proarrhythmic and antiarrhythmic effects of quinidine. *Heart Rhythm*, **2008**, 5, 1726-34	6.7	64
293	Afterdepolarizations and triggered activity develop in a select population of cells (M cells) in canine ventricular myocardium: the effects of acetylstrophanthidin and Bay K 8644. *PACE - Pacing and Clinical Electrophysiology*, **1991**, 14, 1714-20	1.6	64
292	High prevalence of concealed Brugada syndrome in patients with atrioventricular nodal reentrant tachycardia. *Heart Rhythm*, **2015**, 12, 1584-94	6.7	63
291	Short QT syndrome. Genotype-phenotype correlations. *Journal of Electrocardiology*, **2005**, 38, 75-80	1.4	63
290	J wave syndromes: molecular and cellular mechanisms. *Journal of Electrocardiology*, **2013**, 46, 510-8	1.4	62
289	Specific therapy based on the genotype and cellular mechanism in inherited cardiac arrhythmias. Long QT syndrome and Brugada syndrome. *Current Pharmaceutical Design*, **2005**, 11, 1561-72	3.3	61
288	Phenotypical manifestations of mutations in the genes encoding subunits of the cardiac voltage-dependent L-type calcium channel. *Circulation Research*, **2011**, 108, 607-18	15.7	60
287	Augmentation of late sodium current unmasks the proarrhythmic effects of amiodarone. *Cardiovascular Research*, **2008**, 77, 481-8	9.9	60
286	Novel Timothy syndrome mutation leading to increase in CACNA1C window current. *Heart Rhythm*, **2015**, 12, 211-9	6.7	59
285	The phenomenon of "QT stunning": the abnormal QT prolongation provoked by standing persists even as the heart rate returns to normal in patients with long QT syndrome. *Heart Rhythm*, **2012**, 9, 901-8	6.7	59
284	Atrial-selective inhibition of sodium-channel current by Wenxin Keli is effective in suppressing atrial fibrillation. *Heart Rhythm*, **2012**, 9, 125-31	6.7	57
283	New developments in atrial antiarrhythmic drug therapy. *Nature Reviews Cardiology*, **2010**, 7, 139-48	14.8	57
282	Basic mechanisms of reentrant arrhythmias. *Current Opinion in Cardiology*, **2001**, 16, 1-7	2.1	57

281	Ion channels and ventricular arrhythmias: cellular and ionic mechanisms underlying the Brugada syndrome. *Current Opinion in Cardiology*, **1999**, 14, 274-9	2.1	57
280	Cellular mechanism underlying hypothermia-induced ventricular tachycardia/ventricular fibrillation in the setting of early repolarization and the protective effect of quinidine, cilostazol, and milrinone. *Circulation: Arrhythmia and Electrophysiology*, **2014**, 7, 134-42	6.4	55
279	Atrial-selective effects of chronic amiodarone in the management of atrial fibrillation. *Heart Rhythm*, **2008**, 5, 1735-42	6.7	55
278	Occurrence of "J waves" in 12-lead ECG as a marker of acute ischemia and their cellular basis. *PACE - Pacing and Clinical Electrophysiology*, **2007**, 30, 817-9	1.6	55
277	Transmembrane action potential heterogeneity in the canine isolated arterially perfused right atrium: effect of IKr and IKur/Ito block. *American Journal of Physiology - Heart and Circulatory Physiology*, **2004**, 286, H2393-400	5.2	55
276	Block of I(Ks) does not induce early afterdepolarization activity but promotes beta-adrenergic agonist-induced delayed afterdepolarization activity. *Journal of Cardiovascular Electrophysiology*, **2000**, 11, 458-65	2.7	55
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274	Novel mutation in the SCN5A gene associated with arrhythmic storm development during acute myocardial infarction. *Heart Rhythm*, **2007**, 4, 1072-80	6.7	53
273	Cellular basis for the repolarization waves of the ECG. *Annals of the New York Academy of Sciences*, **2006**, 1080, 268-81	6.5	53
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