Arthur A M Wilde

List of Publications by Citations

352 papers	32,366 citations	100 h-index	173 g-index
393 ext. papers	39,109 ext. citations	7.8 avg, IF	6.99 L-index

#	Paper	IF	Citations
352	Genotype-phenotype correlation in the long-QT syndrome: gene-specific triggers for life-threatening arrhythmias. *Circulation*, **2001**, 103, 89-95	16.7	1363
351	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
350	HRS/EHRA/APHRS expert consensus statement on the diagnosis and management of patients with inherited primary arrhythmia syndromes: document endorsed by HRS, EHRA, and APHRS in May 2013 and by ACCF, AHA, PACES, and AEPC in June 2013. *Heart Rhythm*, **2013**, 10, 1932-63	6.7	1211
349	HRS/EHRA expert consensus statement on the state of genetic testing for the channelopathies and cardiomyopathies this document was developed as a partnership between the Heart Rhythm Society (HRS) and the European Heart Rhythm Association (EHRA). *Heart Rhythm*, **2011**, 8, 1308-39	6.7	737
348	Proposed diagnostic criteria for the Brugada syndrome: consensus report. *Circulation*, **2002**, 106, 2514-9	16.7	631
347	Long-term prognosis of patients diagnosed with Brugada syndrome: Results from the FINGER Brugada Syndrome Registry. *Circulation*, **2010**, 121, 635-43	16.7	563
346	HRS/EHRA expert consensus statement on the state of genetic testing for the channelopathies and cardiomyopathies: this document was developed as a partnership between the Heart Rhythm Society (HRS) and the European Heart Rhythm Association (EHRA). *Europace*, **2011**, 13, 1077-109	3.9	557
345	A single Na(+) channel mutation causing both long-QT and Brugada syndromes. *Circulation Research* , **1999**, 85, 1206-13	15.7	526
344	An entirely subcutaneous implantable cardioverter-defibrillator. *New England Journal of Medicine*, **2010**, 363, 36-44	59.2	518
343	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
342	Mutation in the KCNQ1 gene leading to the short QT-interval syndrome. *Circulation*, **2004**, 109, 2394-7	16.7	514
341	Cardiac conduction defects associate with mutations in SCN5A. *Nature Genetics*, **1999**, 23, 20-1	36.3	461
340	Flecainide prevents catecholaminergic polymorphic ventricular tachycardia in mice and humans. *Nature Medicine*, **2009**, 15, 380-3	50.5	436
339	Executive summary: HRS/EHRA/APHRS expert consensus statement on the diagnosis and management of patients with inherited primary arrhythmia syndromes. *Europace*, **2013**, 15, 1389-406	3.9	379
338	"Brugada" syndrome: clinical data and suggested pathophysiological mechanism. *Circulation*, **1999**, 99, 666-73	16.7	364
337	Risk factors for malignant ventricular arrhythmias in lamin a/c mutation carriers a European cohort study. *Journal of the American College of Cardiology*, **2012**, 59, 493-500	15.1	353
336	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

335	Atlas of the clinical genetics of human dilated cardiomyopathy. *European Heart Journal*, **2015**, 36, 1123-35a	9.9	334
334	Brugada syndrome: report of the second consensus conference. *Heart Rhythm*, **2005**, 2, 429-40	6.7	329
333	Clinical aspects of type-1 long-QT syndrome by location, coding type, and biophysical function of mutations involving the KCNQ1 gene. *Circulation*, **2007**, 115, 2481-9	16.7	326
332	Sudden unexplained death: heritability and diagnostic yield of cardiological and genetic examination in surviving relatives. *Circulation*, **2005**, 112, 207-13	16.7	320
331	Left cardiac sympathetic denervation for catecholaminergic polymorphic ventricular tachycardia. *New England Journal of Medicine*, **2008**, 358, 2024-9	59.2	306
330	Spectrum and prevalence of mutations from the first 2,500 consecutive unrelated patients referred for the FAMILION long QT syndrome genetic test. *Heart Rhythm*, **2009**, 6, 1297-303	6.7	305
329	Absence of calsequestrin 2 causes severe forms of catecholaminergic polymorphic ventricular tachycardia. *Circulation Research*, **2002**, 91, e21-6	15.7	304
328	Plakophilin-2 mutations are the major determinant of familial arrhythmogenic right ventricular dysplasia/cardiomyopathy. *Circulation*, **2006**, 113, 1650-8	16.7	276
327	Pathophysiological mechanisms of Brugada syndrome: depolarization disorder, repolarization disorder, or more?. *Cardiovascular Research*, **2005**, 67, 367-78	9.9	275
326	Drugs and Brugada syndrome patients: review of the literature, recommendations, and an up-to-date website (www.brugadadrugs.org). *Heart Rhythm*, **2009**, 6, 1335-41	6.7	272
325	Flecainide therapy reduces exercise-induced ventricular arrhythmias in patients with catecholaminergic polymorphic ventricular tachycardia. *Journal of the American College of Cardiology*, **2011**, 57, 2244-54	15.1	271
324	Phospholamban R14del mutation in patients diagnosed with dilated cardiomyopathy or arrhythmogenic right ventricular cardiomyopathy: evidence supporting the concept of arrhythmogenic cardiomyopathy. *European Journal of Heart Failure*, **2012**, 14, 1199-207	12.3	270
323	Genetic testing for long-QT syndrome: distinguishing pathogenic mutations from benign variants. *Circulation*, **2009**, 120, 1752-60	16.7	265
322	Clinical Presentation, Long-Term Follow-Up, and Outcomes of 1001 Arrhythmogenic Right Ventricular Dysplasia/Cardiomyopathy Patients and Family Members. *Circulation: Cardiovascular Genetics*, **2015**, 8, 437-46		262
321	The pathophysiological mechanism underlying Brugada syndrome: depolarization versus repolarization. *Journal of Molecular and Cellular Cardiology*, **2010**, 49, 543-53	5.8	251
320	2019 HRS expert consensus statement on evaluation, risk stratification, and management of arrhythmogenic cardiomyopathy. *Heart Rhythm*, **2019**, 16, e301-e372	6.7	247
319	Auditory stimuli as a trigger for arrhythmic events differentiate HERG-related (LQTS2) patients from KVLQT1-related patients (LQTS1). *Journal of the American College of Cardiology*, **1999**, 33, 327-32	15.1	246
318	Risk stratification for sudden cardiac death: current status and challenges for the future. *European Heart Journal*, **2014**, 35, 1642-51	9.5	240

317	Impact of genotype on clinical course in arrhythmogenic right ventricular dysplasia/cardiomyopathy-associated mutation carriers. *European Heart Journal*, **2015**, 36, 847-55	9.5	238
316	Two distinct congenital arrhythmias evoked by a multidysfunctional Na(+) channel. *Circulation Research*, **2000**, 86, E91-7	15.7	236
315	The RYR2-encoded ryanodine receptor/calcium release channel in patients diagnosed previously with either catecholaminergic polymorphic ventricular tachycardia or genotype negative, exercise-induced long QT syndrome: a comprehensive open reading frame mutational analysis. *Journal of the American College of Cardiology*, **2009**, 54, 2065-74	15.1	234
314	Clinical aspects and prognosis of Brugada syndrome in children. *Circulation*, **2007**, 115, 2042-8	16.7	232
313	Fibrosis, Connexin-43, and Conduction Abnormalities in the Brugada Syndrome. *Journal of the American College of Cardiology*, **2015**, 66, 1976-1986	15.1	216
312	SCN5A mutations and the role of genetic background in the pathophysiology of Brugada syndrome. *Circulation: Cardiovascular Genetics*, **2009**, 2, 552-7		211
311	Risk for life-threatening cardiac events in patients with genotype-confirmed long-QT syndrome and normal-range corrected QT intervals. *Journal of the American College of Cardiology*, **2011**, 57, 51-9	15.1	205
310	Catecholaminergic polymorphic ventricular tachycardia: RYR2 mutations, bradycardia, and follow up of the patients. *Journal of Medical Genetics*, **2005**, 42, 863-70	5.8	201
309	Cardiomyocytes derived from pluripotent stem cells recapitulate electrophysiological characteristics of an overlap syndrome of cardiac sodium channel disease. *Circulation*, **2012**, 125, 3079-91	16.7	200
308	Genetic association study of QT interval highlights role for calcium signaling pathways in myocardial repolarization. *Nature Genetics*, **2014**, 46, 826-36	36.3	199
307	Permanent leadless cardiac pacing: results of the LEADLESS trial. *Circulation*, **2014**, 129, 1466-71	16.7	192
306	Proposed diagnostic criteria for the Brugada syndrome. *European Heart Journal*, **2002**, 23, 1648-54	9.5	191
305	Compound heterozygosity for mutations (W156X and R225W) in SCN5A associated with severe cardiac conduction disturbances and degenerative changes in the conduction system. *Circulation Research*, **2003**, 92, 159-68	15.7	190
304	Genotype-phenotype aspects of type 2 long QT syndrome. *Journal of the American College of Cardiology*, **2009**, 54, 2052-62	15.1	187
303	Brugada syndrome. *Circulation: Arrhythmia and Electrophysiology*, **2012**, 5, 606-16	6.4	186
302	Common sodium channel promoter haplotype in asian subjects underlies variability in cardiac conduction. *Circulation*, **2006**, 113, 338-44	16.7	186
301	Expanding spectrum of human RYR2-related disease: new electrocardiographic, structural, and genetic features. *Circulation*, **2007**, 116, 1569-76	16.7	184
300	Type of SCN5A mutation determines clinical severity and degree of conduction slowing in loss-of-function sodium channelopathies. *Heart Rhythm*, **2009**, 6, 341-8	6.7	182

299	Clinical Management of Catecholaminergic Polymorphic Ventricular Tachycardia: The Role of Left Cardiac Sympathetic Denervation. *Circulation*, **2015**, 131, 2185-93	16.7	174
298	The entirely subcutaneous implantable cardioverter-defibrillator: initial clinical experience in a large Dutch cohort. *Journal of the American College of Cardiology*, **2012**, 60, 1933-9	15.1	174
297	Not all beta-blockers are equal in the management of long QT syndrome types 1 and 2: higher recurrence of events under metoprolol. *Journal of the American College of Cardiology*, **2012**, 60, 2092-9	15.1	168
296	J-Wave syndromes expert consensus conference report: Emerging concepts and gaps in knowledge. *Heart Rhythm*, **2016**, 13, e295-324	6.7	166
295	Brugada phenocopy: new terminology and proposed classification. *Annals of Noninvasive Electrocardiology*, **2012**, 17, 299-314	1.5	160
294	Reappraisal of Reported Genes for Sudden Arrhythmic Death: Evidence-Based Evaluation of Gene Validity for Brugada Syndrome. *Circulation*, **2018**, 138, 1195-1205	16.7	158
293	Delay in right ventricular activation contributes to Brugada syndrome. *Circulation*, **2004**, 109, 1272-7	16.7	154
292	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
291	Phenotypical manifestations of mutations in the genes encoding subunits of the cardiac sodium channel. *Circulation Research*, **2011**, 108, 884-97	15.7	148
290	Sudden cardiac death in the young: the molecular autopsy and a practical approach to surviving relatives. *European Heart Journal*, **2015**, 36, 1290-6	9.5	144
289	Implantable cardioverter-defibrillator harm in young patients with inherited arrhythmia syndromes: A systematic review and meta-analysis of inappropriate shocks and complications. *Heart Rhythm*, **2016**, 13, 443-54	6.7	143
288	Mutations in cytoplasmic loops of the KCNQ1 channel and the risk of life-threatening events: implications for mutation-specific response to β-blocker therapy in type 1 long-QT syndrome. *Circulation*, **2012**, 125, 1988-96	16.7	138
287	Derivation and validation of a simple exercise-based algorithm for prediction of genetic testing in relatives of LQTS probands. *Circulation*, **2011**, 124, 2187-94	16.7	136
286	Human SCN5A gene mutations alter cardiac sodium channel kinetics and are associated with the Brugada syndrome. *Cardiovascular Research*, **1999**, 44, 507-17	9.9	134
285	HCN4 mutations in multiple families with bradycardia and left ventricular noncompaction cardiomyopathy. *Journal of the American College of Cardiology*, **2014**, 64, 745-56	15.1	133
284	Genome-wide association study identifies a susceptibility locus at 21q21 for ventricular fibrillation in acute myocardial infarction. *Nature Genetics*, **2010**, 42, 688-691	36.3	132
283	Therapeutic approach for patients with catecholaminergic polymorphic ventricular tachycardia: state of the art and future developments. *Europace*, **2012**, 14, 175-83	3.9	131
282	Rationale and design of the PRAETORIAN trial: a Prospective, RAndomizEd comparison of subcuTaneOus and tRansvenous ImplANtable cardioverter-defibrillator therapy. *American Heart Journal*, **2012**, 163, 753-760.e2	4.9	130

281	The common long-QT syndrome mutation KCNQ1/A341V causes unusually severe clinical manifestations in patients with different ethnic backgrounds: toward a mutation-specific risk stratification. *Circulation*, **2007**, 116, 2366-75	16.7	130
280	J-Wave syndromes expert consensus conference report: Emerging concepts and gaps in knowledge. *Europace*, **2017**, 19, 665-694	3.9	127
279	A large candidate gene survey identifies the KCNE1 D85N polymorphism as a possible modulator of drug-induced torsades de pointes. *Circulation: Cardiovascular Genetics*, **2012**, 5, 91-9		127
278	A gain-of-function TBX5 mutation is associated with atypical Holt-Oram syndrome and paroxysmal atrial fibrillation. *Circulation Research*, **2008**, 102, 1433-42	15.7	127
277	Quinidine induced electrocardiographic normalization in two patients with Brugada syndrome. *PACE - Pacing and Clinical Electrophysiology*, **2001**, 24, 1420-2	1.6	127
276	Utility of Post-Mortem Genetic Testing in Cases of Sudden Arrhythmic Death Syndrome. *Journal of the American College of Cardiology*, **2017**, 69, 2134-2145	15.1	126
275	Diagnostic yield in sudden unexplained death and aborted cardiac arrest in the young: the experience of a tertiary referral center in The Netherlands. *Heart Rhythm*, **2010**, 7, 1383-9	6.7	126
274	A mutation in CALM1 encoding calmodulin in familial idiopathic ventricular fibrillation in childhood and adolescence. *Journal of the American College of Cardiology*, **2014**, 63, 259-66	15.1	124
273	Haplotype-sharing analysis implicates chromosome 7q36 harboring DPP6 in familial idiopathic ventricular fibrillation. *American Journal of Human Genetics*, **2009**, 84, 468-76	11	121
272	Clinical Aspects of Type 3 Long-QT Syndrome: An International Multicenter Study. *Circulation*, **2016**, 134, 872-82	16.7	118
271	Role of programmed ventricular stimulation in patients with Brugada syndrome: a meta-analysis of worldwide published data. *European Heart Journal*, **2007**, 28, 2126-33	9.5	118
270	Contribution of sodium channel mutations to bradycardia and sinus node dysfunction in LQT3 families. *Circulation Research*, **2003**, 92, 976-83	15.7	118
269	Genetic analysis in 418 index patients with idiopathic dilated cardiomyopathy: overview of 10 years' experience. *European Journal of Heart Failure*, **2013**, 15, 628-36	12.3	117
268	Possible bradycardic mode of death and successful pacemaker treatment in a large family with features of long QT syndrome type 3 and Brugada syndrome. *Journal of Cardiovascular Electrophysiology*, **2001**, 12, 630-6	2.7	117
267	SARS-CoV-2, COVID-19, and inherited arrhythmia syndromes. *Heart Rhythm*, **2020**, 17, 1456-1462	6.7	115
266	Genetic testing for inherited cardiac disease. *Nature Reviews Cardiology*, **2013**, 10, 571-83	14.8	115
265	Local depolarization abnormalities are the dominant pathophysiologic mechanism for type 1 electrocardiogram in brugada syndrome a study of electrocardiograms, vectorcardiograms, and body surface potential maps during ajmaline provocation. *Journal of the American College of Cardiology*, **2010**, 55, 789-97	15.1	113
264	Multifocal ectopic Purkinje-related premature contractions: a new SCN5A-related cardiac channelopathy. *Journal of the American College of Cardiology*, **2012**, 60, 144-56	15.1	109

263	Familial evaluation in catecholaminergic polymorphic ventricular tachycardia: disease penetrance and expression in cardiac ryanodine receptor mutation-carrying relatives. *Circulation: Arrhythmia and Electrophysiology*, **2012**, 5, 748-56	6.4	108
262	Genotype-specific onset of arrhythmias in congenital long-QT syndrome: possible therapy implications. *Circulation*, **2006**, 114, 2096-103	16.7	107
261	The 2373insG mutation in the MYBPC3 gene is a founder mutation, which accounts for nearly one-fourth of the HCM cases in the Netherlands. *European Heart Journal*, **2003**, 24, 1848-53	9.5	107
260	Yield of molecular and clinical testing for arrhythmia syndromes: report of 15 years' experience. *Circulation*, **2013**, 128, 1513-21	16.7	106
259	Fever increases the risk for cardiac arrest in the Brugada syndrome. *Annals of Internal Medicine*, **2008**, 149, 216-8	8	105
258	A new prediction model for ventricular arrhythmias in arrhythmogenic right ventricular cardiomyopathy. *European Heart Journal*, **2019**, 40, 1850-1858	9.5	104
257	Outcome in phospholamban R14del carriers: results of a large multicentre cohort study. *Circulation: Cardiovascular Genetics*, **2014**, 7, 455-65		103
256	Long-Term Clinical Outcomes of Subcutaneous Versus Transvenous Implantable Defibrillator Therapy. *Journal of the American College of Cardiology*, **2016**, 68, 2047-2055	15.1	102
255	The Brugada ECG pattern: a marker of channelopathy, structural heart disease, or neither? Toward a unifying mechanism of the Brugada syndrome. *Circulation: Arrhythmia and Electrophysiology*, **2010**, 3, 283-90	6.4	102
254	Genetics of cardiac arrhythmias. *Heart*, **2005**, 91, 1352-8	5.1	102
253	Slow and discontinuous conduction conspire in Brugada syndrome: a right ventricular mapping and stimulation study. *Circulation: Arrhythmia and Electrophysiology*, **2008**, 1, 379-86	6.4	101
252	Subcutaneous or Transvenous Defibrillator Therapy. *New England Journal of Medicine*, **2020**, 383, 526-536	59.2	99
251	Gender-specific differences in major cardiac events and mortality in lamin A/C mutation carriers. *European Journal of Heart Failure*, **2013**, 15, 376-84	12.3	97
250	An International, Multicentered, Evidence-Based Reappraisal of Genes Reported to Cause Congenital Long QT Syndrome. *Circulation*, **2020**, 141, 418-428	16.7	95
249	Mutation and gender-specific risk in type 2 long QT syndrome: implications for risk stratification for life-threatening cardiac events in patients with long QT syndrome. *Heart Rhythm*, **2011**, 8, 1537-43	6.7	93
248	Which patients are not suitable for a subcutaneous ICD: incidence and predictors of failed QRS-T-wave morphology screening. *Journal of Cardiovascular Electrophysiology*, **2014**, 25, 494-499	2.7	92
247	Quality of life and psychological distress in hypertrophic cardiomyopathy mutation carriers: a cross-sectional cohort study. *American Journal of Medical Genetics, Part A*, **2009**, 149A, 602-12	2.5	92
246	Truncating titin mutations are associated with a mild and treatable form of dilated cardiomyopathy. *European Journal of Heart Failure*, **2017**, 19, 512-521	12.3	91

245	Activation delay and VT parameters in arrhythmogenic right ventricular dysplasia/cardiomyopathy: toward improvement of diagnostic ECG criteria. *Journal of Cardiovascular Electrophysiology*, **2008**, 19, 775-81	2.7	91
244	J-Wave syndromes expert consensus conference report: Emerging concepts and gaps in knowledge. *Journal of Arrhythmia*, **2016**, 32, 315-339	1.5	90
243	Role of common and rare variants in SCN10A: results from the Brugada syndrome QRS locus gene discovery collaborative study. *Cardiovascular Research*, **2015**, 106, 520-9	9.9	86
242	Exercise-induced ECG changes in Brugada syndrome. *Circulation: Arrhythmia and Electrophysiology*, **2009**, 2, 531-9	6.4	81
241	Palpitations in a 19-year old man and a slow heart rate at rest. *Netherlands Heart Journal*, **2013**, 21, 310-310	2.2	78
240	Palpitations in a 19-year old man and a slow heart rate at rest. *Netherlands Heart Journal*, **2013**, 21, 313-313	2.2	78
239	An atypical arrhythmia. *Netherlands Heart Journal*, **2013**, 21, 255-255	2.2	78
238	An atypical arrhythmia. *Netherlands Heart Journal*, **2013**, 21, 262-262	2.2	78
237	Palpitations in a 19-year-old man, take a second look. *Netherlands Heart Journal*, **2013**, 21, 205-205	2.2	78
236	Palpitations, should one worry?. *Netherlands Heart Journal*, **2013**, 21, 159-160	2.2	78
235	Palpitations, should one worry?. *Netherlands Heart Journal*, **2013**, 21, 155-156	2.2	78
234	Palpitations, once again. *Netherlands Heart Journal*, **2013**, 21, 47-47	2.2	78
233	Palpitations, once again. *Netherlands Heart Journal*, **2013**, 21, 50-50	2.2	78
232	Narrow QRS complexes intervening wide QRS complexes. *Netherlands Heart Journal*, **2012**, 20, 518-518	2.2	78
231	Narrow QRS complexes intervening wide QRS complexes. *Netherlands Heart Journal*, **2012**, 20, 520-520	2.2	78
230	Active cascade screening in primary inherited arrhythmia syndromes: does it lead to prophylactic treatment?. *Journal of the American College of Cardiology*, **2010**, 55, 2570-6	15.1	75
229	Diagnostic criteria for congenital long QT syndrome in the era of molecular genetics: do we need a scoring system?. *European Heart Journal*, **2007**, 28, 575-80	9.5	74
228	2019 HRS expert consensus statement on evaluation, risk stratification, and management of arrhythmogenic cardiomyopathy: Executive summary. *Heart Rhythm*, **2019**, 16, e373-e407	6.7	73

227	Impact of clinical and genetic findings on the management of young patients with Brugada syndrome. *Heart Rhythm*, **2016**, 13, 1274-82	6.7	71
226	TECRL, a new life-threatening inherited arrhythmia gene associated with overlapping clinical features of both LQTS and CPVT. *EMBO Molecular Medicine*, **2016**, 8, 1390-1408	12	68
225	Effects of flecainide on exercise-induced ventricular arrhythmias and recurrences in genotype-negative patients with catecholaminergic polymorphic ventricular tachycardia. *Heart Rhythm*, **2013**, 10, 542-7	6.7	66
224	Enhanced Classification of Brugada Syndrome-Associated and Long-QT Syndrome-Associated Genetic Variants in the SCN5A-Encoded Na(v)1.5 Cardiac Sodium Channel. *Circulation: Cardiovascular Genetics*, **2015**, 8, 582-95		65
223	A novel early onset lethal form of catecholaminergic polymorphic ventricular tachycardia maps to chromosome 7p14-p22. *Journal of Cardiovascular Electrophysiology*, **2007**, 18, 1060-6	2.7	65
222	The ICD for primary prevention in patients with inherited cardiac diseases: indications, use, and outcome: a comparison with secondary prevention. *Circulation: Arrhythmia and Electrophysiology*, **2013**, 6, 91-100	6.4	64
221	Fever-induced QTc prolongation and ventricular arrhythmias in individuals with type 2 congenital long QT syndrome. *Journal of Clinical Investigation*, **2008**, 118, 2552-61	15.9	64
220	Channelopathies That Lead to Sudden Cardiac Death: Clinical and Genetic Aspects. *Heart Lung and Circulation*, **2019**, 28, 22-30	1.8	64
219	Genetically determined differences in sodium current characteristics modulate conduction disease severity in mice with cardiac sodium channelopathy. *Circulation Research*, **2009**, 104, 1283-92	15.7	63
218	Sudden death in the young: what do we know about it and how to prevent?. *Circulation: Arrhythmia and Electrophysiology*, **2010**, 3, 96-104	6.4	62
217	The use of genotype-phenotype correlations in mutation analysis for the long QT syndrome. *Journal of Medical Genetics*, **2003**, 40, 141-5	5.8	62
216	Calmodulin mutations and life-threatening cardiac arrhythmias: insights from the International Calmodulinopathy Registry. *European Heart Journal*, **2019**, 40, 2964-2975	9.5	61
215	Unique cardiac Purkinje fiber transient outward current β-subunit composition: a potential molecular link to idiopathic ventricular fibrillation. *Circulation Research*, **2013**, 112, 1310-22	15.7	61
214	Manifest disease, risk factors for sudden cardiac death, and cardiac events in a large nationwide cohort of predictively tested hypertrophic cardiomyopathy mutation carriers: determining the best cardiological screening strategy. *European Heart Journal*, **2011**, 32, 1161-70	9.5	60
213	The genetic architecture of long QT syndrome: A critical reappraisal. *Trends in Cardiovascular Medicine*, **2018**, 28, 453-464	6.9	58
212	SCN5A mutations in Brugada syndrome are associated with increased cardiac dimensions and reduced contractility. *PLoS ONE*, **2012**, 7, e42037	3.7	55
211	Founder mutations in hypertrophic cardiomyopathy patients in the Netherlands. *Netherlands Heart Journal*, **2010**, 18, 248-54	2.2	55
210	Evolution of cardiac abnormalities in Becker muscular dystrophy over a 13-year period. *Journal of Neurology*, **1997**, 244, 657-63	5.5	55

209	Catecholaminergic Polymorphic Ventricular Tachycardia. *Circulation Journal*, **2016**, 80, 1285-91	2.9	54
208	The yield of risk stratification for sudden cardiac death in hypertrophic cardiomyopathy myosin-binding protein C gene mutation carriers: focus on predictive screening. *European Heart Journal*, **2010**, 31, 842-8	9.5	54
207	Implantable cardioverter-defibrillators in previously undiagnosed patients with catecholaminergic polymorphic ventricular tachycardia resuscitated from sudden cardiac arrest. *European Heart Journal*, **2019**, 40, 2953-2961	9.5	53
206	Somatic mosaicism contributes to phenotypic variation in Timothy syndrome. *American Journal of Medical Genetics, Part A*, **2011**, 155A, 2578-83	2.5	53
205	Inherited cardiac arrhythmias. *Nature Reviews Disease Primers*, **2020**, 6, 58	51.1	53
204	Determination and Interpretation of the QT Interval. *Circulation*, **2018**, 138, 2345-2358	16.7	53
203	Founder mutations in the Netherlands: SCN5a 1795insD, the first described arrhythmia overlap syndrome and one of the largest and best characterised families worldwide. *Netherlands Heart Journal*, **2009**, 17, 422-8	2.2	52
202	Combined leadless pacemaker and subcutaneous implantable defibrillator therapy: feasibility, safety, and performance. *Europace*, **2016**, 18, 1740-1747	3.9	51
201	hiPSC-derived cardiomyocytes from Brugada Syndrome patients without identified mutations do not exhibit clear cellular electrophysiological abnormalities. *Scientific Reports*, **2016**, 6, 30967	4.9	50
200	Genetic counseling and cardiac care in predictively tested hypertrophic cardiomyopathy mutation carriers: the patients' perspective. *American Journal of Medical Genetics, Part A*, **2009**, 149A, 1444-51	2.5	50
199	Fever-related arrhythmic events in the multicenter Survey on Arrhythmic Events in Brugada Syndrome. *Heart Rhythm*, **2018**, 15, 1394-1401	6.7	49
198	Phylogenetic and physicochemical analyses enhance the classification of rare nonsynonymous single nucleotide variants in type 1 and 2 long-QT syndrome. *Circulation: Cardiovascular Genetics*, **2012**, 5, 519-28		48
197	Safe drug use in long QT syndrome and Brugada syndrome: comparison of website statistics. *Europace*, **2013**, 15, 1042-9	3.9	47
196	Novel KCNQ1 and HERG missense mutations in Dutch long-QT families. *Human Mutation*, **1999**, 13, 301-10	4.7	47
195	Genetic susceptibility for COVID-19-associated sudden cardiac death in African Americans. *Heart Rhythm*, **2020**, 17, 1487-1492	6.7	46
194	Prognostic significance of fever-induced Brugada syndrome. *Heart Rhythm*, **2016**, 13, 1515-20	6.7	46
193	Catecholaminergic polymorphic ventricular tachycardia: from bench to bedside. *Heart*, **2013**, 99, 497-504	5.1	45
192	Expert cardiologists cannot distinguish between Brugada phenocopy and Brugada syndrome electrocardiogram patterns. *Europace*, **2016**, 18, 1095-100	3.9	44

191	Classification and Reporting of Potentially Proarrhythmic Common Genetic Variation in Long QT Syndrome Genetic Testing. *Circulation*, **2018**, 137, 619-630	16.7	43
190	Combined assessment of sex- and mutation-specific information for risk stratification in type 1 long QT syndrome. *Heart Rhythm*, **2012**, 9, 892-8	6.7	43
189	Novel Brugada syndrome-causing mutation in ion-conducting pore of cardiac Na+ channel does not affect ion selectivity properties. *Acta Physiologica Scandinavica*, **2005**, 185, 291-301		42
188	A novel tool to evaluate the implant position and predict defibrillation success of the subcutaneous implantable cardioverter-defibrillator: The PRAETORIAN score. *Heart Rhythm*, **2019**, 16, 403-410	6.7	42
187	Flecainide monotherapy is an option for selected patients with catecholaminergic polymorphic ventricular tachycardia intolerant of Ⅎblockade. *Heart Rhythm*, **2016**, 13, 609-13	6.7	41
186	Accelerated sinus rhythm prevents catecholaminergic polymorphic ventricular tachycardia in mice and in patients. *Circulation Research*, **2013**, 112, 689-97	15.7	41
185	Inherited ion channel diseases: a brief review. *Europace*, **2015**, 17 Suppl 2, ii1-6	3.9	40
184	Idiopathic Ventricular Fibrillation: The Struggle for Definition, Diagnosis, and Follow-Up. *Circulation: Arrhythmia and Electrophysiology*, **2016**, 9,	6.4	38
183	Effect of age and gender on the QTc-interval in healthy individuals and patients with long-QT syndrome. *Trends in Cardiovascular Medicine*, **2018**, 28, 64-75	6.9	38
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11	An unexpected ECG finding. *Netherlands Heart Journal*, **2015**, 23, 608	2.2
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