

# CITATION REPORT

List of articles citing

**Cellular basis for the normal T wave and the electrocardiographic manifestations of the long-QT syndrome**

**DOI: 10.1161/01.cir.98.18.1928  
Circulation, 1998, 98, 1928-36.**

**Source:** <https://exaly.com/paper-pdf/29617200/citation-report.pdf>

**Version:** 2024-04-26

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
854	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. <i>Circulation</i> , <b>1998</b> , 98, 2314-22	16.7	439
853	Characteristics and distribution of M cells in arterially perfused canine left ventricular wedge preparations. <i>Circulation</i> , <b>1998</b> , 98, 1921-7	16.7	383
852	Demonstration of the proarrhythmic preconditioning of single premature extrastimuli by use of the magnitude, phase, and distribution of repolarization alternans. <i>Circulation</i> , <b>1999</b> , 100, 1887-93	16.7	33
851	Cellular basis for the Brugada syndrome and other mechanisms of arrhythmogenesis associated with ST-segment elevation. <i>Circulation</i> , <b>1999</b> , 100, 1660-6	16.7	905
850	Cellular and ionic basis for T-wave alternans under long-QT conditions. <i>Circulation</i> , <b>1999</b> , 99, 1499-507	16.7	268
849	The M cell: its contribution to the ECG and to normal and abnormal electrical function of the heart. <i>Journal of Cardiovascular Electrophysiology</i> , <b>1999</b> , 10, 1124-52	2.7	436
848	Sodium pentobarbital reduces transmural dispersion of repolarization and prevents torsades de Pointes in models of acquired and congenital long QT syndrome. <i>Journal of Cardiovascular Electrophysiology</i> , <b>1999</b> , 10, 154-64	2.7	105
847	Measurement of the QT Interval: Do We Know What We Are Doing?. <b>1999</b> , 3, 302-305		
846	QT Dispersion—Any New Thoughts?. <b>1999</b> , 3, 310-313		
845	Mathematical Models of the T Wave Shape. <b>1999</b> , 3, 314-318		3
844	Transmural dispersion of repolarization and arrhythmogenicity: the Brugada syndrome versus the long QT syndrome. <b>1999</b> , 32 Suppl, 158-65		112
843	Cellular basis for long QT, transmural dispersion of repolarization, and torsade de pointes in the long QT syndrome. <b>1999</b> , 32 Suppl, 177-84		83
842	Changes in autonomic activity and ventricular repolarization. <b>1999</b> , 32 Suppl, 185-92		14
841	Semi-automatic method quantifying T wave loop morphology: relevance for assessment of heterogeneous repolarization.		2
840	A mitochondrial DNA mutation cosegregates with the pathophysiological U wave. <b>1999</b> , 257, 228-33		17
839	Bibliography. Current world literature. Arrhythmias. <b>2000</b> , 15, B1-51		
838	Computer modelling of cardiac repolarisation.		0

837	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. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2000</b> , 11, 290-304	2.7	139
836	Numerical memory span in a chimpanzee. <b>2000</b> , 403, 39-40		152
835	Explaining the T-wave shape in the ECG. <b>2000</b> , 403, 40		38
834	QT dispersion from body surface ECG does not reflect the spatial dispersion of ventricular repolarization in sheep. <b>2000</b> , 23, 359-64		15
833	Recovery time dispersion measured from 87-lead body surface potential mapping as a predictor of sustained ventricular tachycardia in patients with idiopathic dilated cardiomyopathy. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2000</b> , 11, 968-74	2.7	15
832	Block of I(Ks) does not induce early afterdepolarization activity but promotes beta-adrenergic agonist-induced delayed afterdepolarization activity. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2000</b> , 11, 458-65	2.7	55
831	Interlead Difference in QT Interval Rate Adaptation During Exercise in Coronary Artery Disease Patients Susceptible to Ventricular Fibrillation. <i>Annals of Noninvasive Electrocardiology</i> , <b>2000</b> , 5, 346-353 <sup>1.5</sup>		
830	Evaluation of QT Interval Dispersion in a Multiple Electrodes Recording System versus 12-Lead Standard ECG in an In Vitro Model. <i>Annals of Noninvasive Electrocardiology</i> , <b>2000</b> , 5, 125-132	1.5	3
829	Electrophysiological basis of QT dispersion measurements. <b>2000</b> , 42, 311-24		41
828	Measurement and interpretation of QT dispersion. <b>2000</b> , 42, 325-44		40
827	Significance of QT dispersion in the long QT syndrome. <b>2000</b> , 42, 345-50		19
826	Rapid ventricular repolarization in rodents: electrocardiographic manifestations, molecular mechanisms, and clinical insights. <b>2000</b> , 33, 159-70		73
825	Estimates of repolarization and its dispersion from electrocardiographic measurements: direct epicardial assessment in the canine heart. <b>2000</b> , 33, 171-80		31
824	I(NaCa) contributes to electrical heterogeneity within the canine ventricle. <b>2000</b> , 278, H1671-8		95
823	Electrical heterogeneity, cardiac arrhythmias, and the sodium channel. <b>2000</b> , 87, 964-5		42
822	M cells and transmural heterogeneity of action potential configuration in myocytes from the left ventricular wall of the pig heart. <b>2000</b> , 45, 952-60		75
821	A reply. <b>2000</b> , 21, 79-80		2
820	Is QT dispersion a reliable index of heterogeneity of ventricular repolarization and a pro-arrhythmic marker?. <b>2000</b> , 21, 79-80		1

819	Congenital and acquired long QT syndrome. <b>2000</b> , 21, 1232-7		81
818	Predicting the long-QT genotype from clinical data: from sense to science. <i>Circulation</i> , <b>2000</b> , 102, 2796-816.7		31
817	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. <i>Circulation</i> , <b>2000</b> , 102, 706-12	16.7	150
816	Analysis of T wave changes by activation recovery interval in patients with atrial septal defect. <i>International Journal of Cardiology</i> , <b>2000</b> , 74, 115-24	3.2	10
815	Exploiting rate-related hysteresis in repolarization alternans to improve risk stratification for ventricular tachycardia. <b>2000</b> , 35, 1485-92		26
814	The long QT syndromes: genetic basis and clinical implications. <b>2000</b> , 36, 1-12		260
813	Measurement, interpretation and clinical potential of QT dispersion. <b>2000</b> , 36, 1749-66		450
812	Differential effects of beta-adrenergic agonists and antagonists in LQT1, LQT2 and LQT3 models of the long QT syndrome. <b>2000</b> , 35, 778-86		320
811	Evaluation of drug-induced QT interval prolongation: implications for drug approval and labelling. <b>2001</b> , 24, 323-51		212
810	Sympathetic stimulation produces a greater increase in both transmural and spatial dispersion of repolarization in LQT1 than LQT2 forms of congenital long QT syndrome. <b>2001</b> , 37, 911-9		97
809	Morphological algebraic models of the TU-wave patterns/in idiopathic long QT syndrome. <i>International Journal of Cardiology</i> , <b>2001</b> , 77, 151-62	3.2	11
808	Ventricular hypertrophy amplifies transmural repolarization dispersion and induces early afterdepolarization. <b>2001</b> , 281, H1968-75		93
807	Larger late sodium conductance in M cells contributes to electrical heterogeneity in canine ventricle. <b>2001</b> , 281, H689-97		169
806	Basic mechanisms of reentrant arrhythmias. <b>2001</b> , 16, 1-7		57
805	Relation of QT interval and QT dispersion to echocardiographic left ventricular hypertrophy and geometric pattern in hypertensive patients. The LIFE study. The Losartan Intervention For Endpoint Reduction. <b>2001</b> , 19, 1883-91		86
804	Influence of atenolol on the kinetics of RT interval rate adaptation in conscious dogs. <b>2001</b> , 38, 1-10		1
803	Influence of transmural repolarization gradients on the electrophysiology and pharmacology of ventricular myocardium. Cellular basis for the Brugada and longQT syndromes. <b>2001</b> , 359, 1201-1216		30
802	Extrasystolic beats affect transmural electrical dispersion during programmed electrical stimulation. <b>2001</b> , 31, 293-301		39

801	T peak-Tend interval as an index of transmural dispersion of repolarization. <b>2001</b> , 31, 555-7		123
800	Left ventricular hypertrophy increases transepicardial dispersion of repolarisation in hypertensive patients: a differential effect on QTpeak and QTend dispersion. <b>2001</b> , 31, 563-9		25
799	Differential modulation of electrocardiographic indices of ventricular repolarization dispersion depending on the site of pacing during premature stimulation. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2001</b> , 12, 36-42	2.7	5
798	Repolarization abnormalities detected by magnetocardiography in patients with dilated cardiomyopathy and ventricular arrhythmias. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2001</b> , 12, 772-7	2.7	20
797	Postmyocardial infarction patients susceptible to ventricular tachycardia show increased T wave dispersion independent of delayed ventricular conduction. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2001</b> , 12, 1115-20	2.7	16
796	The T wave: a window on ventricular repolarization?. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2001</b> , 12, 1326-8	2.7	6
795	Cellular basis for complex T waves and arrhythmic activity following combined I(Kr) and I(Ks) block. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2001</b> , 12, 1369-78	2.7	106
794	QT bumps: unraveling the mechanisms. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2001</b> , 12, 1379-80	2.7	6
793	Global repolarization sequence of the ventricular endocardium: monophasic action potential mapping in swine and humans. <b>2001</b> , 24, 1479-88		40
792	(+/-)-sotalol alters neither the shape of the T wave downslope nor the U wave; a magnetocardiographic study. <b>2001</b> , 52, 715-6		1
791	Within-subject electrocardiographic differences at equal heart rates: role of the autonomic nervous system. <b>2001</b> , 441, 717-24		26
790	Comparative effects of atenolol-based and amlodipine-based antihypertensive therapy on QT dispersion in hypertensive subjects. <b>2001</b> , 15 Suppl 1, S43-5		2
789	The spatial QRS-T angle as a marker of ventricular repolarisation in hypertension. <b>2001</b> , 15, 63-70		54
788	Regulation of KChIP2 potassium channel beta subunit gene expression underlies the gradient of transient outward current in canine and human ventricle. <b>2001</b> , 533, 119-25		224
787	Usefulness of magnesium sulfate in stabilizing cardiac repolarization in heart failure secondary to ischemic cardiomyopathy. <b>2001</b> , 88, 224-9		16
786	Dynamic changes of QT interval and QT dispersion in non-Q-wave and Q-wave myocardial infarction. <b>2001</b> , 34, 109-17		15
785	Chemical cardioversion of atrial fibrillation or flutter with ibutilide in patients receiving amiodarone therapy. <i>Circulation</i> , <b>2001</b> , 103, 253-7	16.7	58
784	Heterogeneity of cellular repolarization in LQTS: the role of M cells. <b>2001</b> , 3, K2-K16		35

783	Female gender does not influence the magnitude of ibutilide-induced repolarization delay and incidence of torsades de pointes in an in vivo rabbit model of the acquired long QT syndrome. <b>2001</b> , 6, 247-54		19
782	Notched T waves on Holter recordings enhance detection of patients with LQ <sub>t</sub> 2 (HERG) mutations. <i>Circulation</i> , <b>2001</b> , 103, 1095-101	16.7	77
781	Imaging dispersion of myocardial repolarization, I: comparison of body-surface and epicardial measures. <i>Circulation</i> , <b>2001</b> , 104, 1299-305	16.7	44
780	Phase 2 early afterdepolarization as a trigger of polymorphic ventricular tachycardia in acquired long-QT syndrome : direct evidence from intracellular recordings in the intact left ventricular wall. <i>Circulation</i> , <b>2001</b> , 103, 2851-6	16.7	224
779	Ionic current basis of electrocardiographic waveforms: a model study. <b>2002</b> , 90, 889-96		276
778	Current concepts in the management of long QT syndrome. <b>2002</b> , 12, 633-643		8
777	Ambulatory electrocardiographic evidence of transmural dispersion of repolarization in patients with long-QT syndrome type 1 and 2. <i>Circulation</i> , <b>2002</b> , 106, 2473-8	16.7	63
776	Effects of the I(K <sub>r</sub> )-blocking agent dofetilide and of the I(K <sub>s</sub> )-blocking agent chromanol 293b on regional disparity of left ventricular repolarization in the intact canine heart. <b>2002</b> , 39, 460-7		26
775	Detection of spatial repolarization abnormalities in patients with LQT1 and LQT2 forms of congenital long-QT syndrome. <b>2002</b> , 23, 603-14		15
774	Ionic and cellular basis for the predominance of the Brugada syndrome phenotype in males. <i>Circulation</i> , <b>2002</b> , 106, 2004-11	16.7	298
773	Unique topographical distribution of M cells underlies reentrant mechanism of torsade de pointes in the long-QT syndrome. <i>Circulation</i> , <b>2002</b> , 105, 1247-53	16.7	248
772	Development of drugs that alter ventricular repolarization. <b>2002</b> , 9, 127-39		4
771	Cellular mechanisms underlying the long QT syndrome. <b>2002</b> , 17, 43-51		207
770	The T wave as a marker of dispersion of ventricular repolarization in premature infants before and while on treatment with the I(K <sub>r</sub> ) channel blocker cisapride. <b>2002</b> , 12, 32-6		8
769	Sympathetic modulation of the long QT syndrome. <b>2002</b> , 23, 1246-52		24
768	Electrical Heterogeneity in the Heart: Physiological, Pharmacological and Clinical Implications. <b>2002</b> , 654-692		23
767	Effects of glucose-induced insulin secretion on ventricular repolarization in patients with congenital long QT syndrome. <b>2002</b> , 66, 35-40		12
766	Differential effects of beta-blockade on dispersion of repolarization in the absence and presence of sympathetic stimulation between the LQT1 and LQT2 forms of congenital long QT syndrome. <b>2002</b> , 39, 1984-91		65

765	Association between HERG K897T polymorphism and QT interval in middle-aged Finnish women. <b>2002</b> , 40, 511-4		89
764	The JT-area indicates dispersion of repolarization in dogs with atrioventricular block. <b>2002</b> , 6, 113-20		18
763	Modeling the heart--from genes to cells to the whole organ. <b>2002</b> , 295, 1678-82		487
762	A benefit-risk assessment of class III antiarrhythmic agents. <b>2002</b> , 25, 847-65		32
761	Early Afterdepolarizations, U Waves, and Torsades de Pointes. <i>Circulation</i> , <b>2002</b> , 105, 675-676	16.7	25
760	Differentiation between LQT1 and LQT2 patients and unaffected subjects using 24-hour electrocardiographic recordings. <b>2002</b> , 89, 679-85		29
759	Relation of twelve-lead electrocardiographic T-wave morphology descriptors to left ventricular mass. <b>2002</b> , 90, 1032-5		13
758	Animal models of lethal arrhythmias. <b>2002</b> , 55, 59-72		4
757	Computer-based analysis of dynamic QT changes: toward high precision and individual rate correction. <i>Annals of Noninvasive Electrocardiology</i> , <b>2002</b> , 7, 289-301	1.5	19
756	Effects of sympathetic stimulation on various repolarization indices in the congenital long QT syndrome. <i>Annals of Noninvasive Electrocardiology</i> , <b>2002</b> , 7, 332-42	1.5	11
755	T-peak to T-end interval may be a better predictor of high-risk patients with hypertrophic cardiomyopathy associated with a cardiac troponin I mutation than QT dispersion. <i>Clinical Cardiology</i> , <b>2002</b> , 25, 335-9	3.3	187
754	The influence of magnesium on the electrophysiological effects of erythromycin in the isolated Guinea pig heart. <b>2002</b> , 16, 327-33		2
753	Gender differences in stability of the instantaneous patterns of body surface potentials during ventricular repolarisation. <b>2003</b> , 41, 536-42		4
752	[18-year old patient with anti-epileptic therapy and sudden cardiac death]. <b>2003</b> , 92, 747-53		5
751	Identification of sotalol-induced changes in repolarization with T wave area-based repolarization duration parameters. <b>2003</b> , 36 Suppl, 115-20		32
750	The elusive U wave: a simple explanation of its genesis. <b>2003</b> , 36 Suppl, 133-7		7
749	Cellular and ionic basis for the sex-related difference in the manifestation of the Brugada syndrome and progressive conduction disease phenotypes. <b>2003</b> , 36 Suppl, 173-9		51
748	Effect of amiodarone on the descending limb of the T wave. <b>2003</b> , 92, 742-6		19

747	QT dynamicity and sudden death after myocardial infarction: results of a long-term follow-up study. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2003</b> , 14, 227-33	2.7	76
746	Electrocardiographic T wave: a symbol of transmural dispersion of repolarization in the ventricles. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2003</b> , 14, 639-40	2.7	40
745	Effect of phenylephrine provocation on dispersion of repolarization in congenital long QT syndrome. <i>Annals of Noninvasive Electrocardiology</i> , <b>2003</b> , 8, 208-14	1.5	11
744	Gender differences in ventricular repolarization: terminal T wave interval was shorter in women than in men. <b>2003</b> , 26, 59-64		41
743	Gender differences in ventricular repolarization: terminal T wave interval was shorter in women than men. <b>2003</b> , 26, 2350; author reply 2351		2
742	LETTER TO THE EDITOR: 2. <b>2003</b> , 26, 2351-2351		
741	Catecholamine-induced T-wave lability in congenital long QT syndrome: a novel phenomenon associated with syncope and cardiac arrest. <b>2003</b> , 78, 40-50		47
740	Ventricular repolarization components on the electrocardiogram: cellular basis and clinical significance. <b>2003</b> , 42, 401-9		209
739	Assessing predictors of drug-induced torsade de pointes. <b>2003</b> , 24, 619-25		256
738	Relation of QT interval and QT dispersion to regression of echocardiographic and electrocardiographic left ventricular hypertrophy in hypertensive patients: the Losartan Intervention For Endpoint Reduction (LIFE) study. <b>2003</b> , 145, 919-25		30
737	Can antiarrhythmic drugs save lives in patients with congestive heart failure?. <b>2003</b> , 1, 191-202		0
736	Genotype-specific clinical manifestation in long QT syndrome. <b>2003</b> , 1, 401-9		1
735	Cisapride-induced transmural dispersion of repolarization and torsade de pointes in the canine left ventricular wedge preparation during epicardial stimulation. <i>Circulation</i> , <b>2003</b> , 108, 1027-33	16.7	109
734	Exercise stress test amplifies genotype-phenotype correlation in the LQT1 and LQT2 forms of the long-QT syndrome. <i>Circulation</i> , <b>2003</b> , 107, 838-44	16.7	190
733	Effect of epicardial or biventricular pacing to prolong QT interval and increase transmural dispersion of repolarization. <i>Circulation</i> , <b>2003</b> , 108, e27-8; author reply e27-8	16.7	2
732	Mechanisms of abnormal cardiac repolarization during insulin-induced hypoglycemia. <b>2003</b> , 52, 1469-74		196
731	Determination of the upper limit of vulnerability using implantable cardioverter-defibrillator electrograms. <i>Circulation</i> , <b>2003</b> , 107, 3028-33	16.7	16
730	Transmural electrophysiological heterogeneities underlying arrhythmogenesis in heart failure. <b>2003</b> , 93, 638-45		238



729	DYNAMICS AND INTERACTION OF FILAMENTS DURING REENTRY AND FIBRILLATION IN MAMMALIAN VIRTUAL VENTRICULAR TISSUE. <b>2003</b> , 13, 3733-3745		1
728	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?. <i>Circulation</i> , <b>2003</b> , 107, 740-6	16.7	288
727	Sex differences in the rate dependence of the T wave descending limb. <b>2003</b> , 58, 549-54		62
726	Heterogeneous ventricular repolarization provides a substrate for arrhythmias in a German shepherd model of spontaneous arrhythmic death. <i>Circulation</i> , <b>2003</b> , 108, 1389-94	16.7	21
725	Electrophysiologic effects of SB-237376: a new antiarrhythmic compound with dual potassium and calcium channel blocking action. <b>2003</b> , 41, 414-21		12
724	Q-T peak dispersion in congenital long QT syndrome: possible marker of mutation of HERG. <b>2003</b> , 67, 495-8		5
723	T wave peak-to-end interval and QT dispersion in acquired long QT syndrome: a new index for arrhythmogenicity. <b>2003</b> , 105, 671-6		232
722	Transmural heterogeneity of the action potential configuration in the feline left ventricle. <b>2003</b> , 67, 449-54		18
721	. <b>2004</b> ,		23
720	Transmural left ventricular mechanics underlying torsional recoil during relaxation. <b>2004</b> , 286, H640-7		115
719	Transmural mechanics at left ventricular epicardial pacing site. <b>2004</b> , 286, H2401-7		36
718	Measurement of the QT Interval and Repolarization Assessment. 24-59		3
717	Cellular Basis for the Repolarization Waves of the ECG. 289-300		1
716	QT Dispersion. 326-349		
715	Electrophysiologic properties and antiarrhythmic actions of a novel antianginal agent. <b>2004</b> , 9 Suppl 1, S65-83		104
714	Epicardial activation of left ventricular wall prolongs QT interval and transmural dispersion of repolarization: implications for biventricular pacing. <i>Circulation</i> , <b>2004</b> , 109, 2136-42	16.7	172
713	Genetic defects, ionic currents and electrocardiographic alterations. <b>2004</b> , 36 Suppl 1, 15-21		1
712	Functional and transmural modulation of M cell behavior in canine ventricular wall. <b>2004</b> , 287, H2569-75		44

711	Ventricular gradient and nondipolar repolarization components increase at higher heart rate. <b>2004</b> , 286, H131-6		46
710	Intercellular coupling through gap junctions masks M cells in the human heart. <b>2004</b> , 62, 407-14		83
709	QRS duration and QT interval predict mortality in hypertensive patients with left ventricular hypertrophy: the Losartan Intervention for Endpoint Reduction in Hypertension Study. <b>2004</b> , 43, 1029-34		115
708	Torsades de pointes with sevoflurane. <b>2006</b> , 16, 1199-201; author reply 1201		2
707	Dynamics of T-U wave in patients with idiopathic ventricular tachycardia originating from the right ventricular outflow tract. <b>2004</b> , 27, 148-55		9
706	Excessive increase in QT interval and dispersion of repolarization predict recurrent ventricular tachyarrhythmia after amiodarone. <b>2004</b> , 27, 901-9		14
705	Autonomic modulation of the u wave during sympathomimetic stimulation and vagal inhibition in normal individuals. <b>2004</b> , 27, 1484-92		15
704	Hypertensive stress increases dispersion of repolarization. <b>2004</b> , 27, 1603-9		4
703	ST-depression with negative T waves in leads V4-V5--a marker of severe coronary artery disease in non-ST elevation acute coronary syndrome: a prospective study of Angina at rest, with troponin, clinical, electrocardiographic, and angiographic correlation. <i>Annals of Noninvasive Electrocardiology</i> , <b>2004</b> , 9, 207-14	1.5	35
702	Evidence for gender differences in electrophysiological properties of canine Purkinje fibres. <b>2004</b> , 142, 1255-64		35
701	Gender differences in the dynamics of terminal T wave intervals. <b>2004</b> , 27, 769-74		7
700	In vivo temporal and spatial distribution of depolarization and repolarization and the illusive murine T wave. <b>2004</b> , 555, 267-79		65
699	How to measure electrocardiographic QT interval in the anaesthetized rabbit. <b>2004</b> , 50, 175-85		30
698	Transmural dispersion of repolarization and ventricular tachyarrhythmias. <b>2004</b> , 37, 191-200		145
697	Preclinical strategies to assess QT liability and torsadogenic potential of new drugs: the role of experimental models. <b>2004</b> , 37 Suppl, 7-14		51
696	Arrhythmogenic mechanisms of QT prolonging drugs: is QT prolongation really the problem?. <b>2004</b> , 37 Suppl, 15-24		85
695	Propagation of normal beats and re-entry in a computational model of ventricular cardiac tissue with regional differences in action potential shape and duration. <b>2004</b> , 85, 473-99		41
694	Differential effect of HERG blocking agents on cardiac electrical alternans in the guinea pig. <b>2004</b> , 486, 209-21		60

693	Clinical characteristics of 5 Chinese LQTS families and phenotype-genotype correlation. <b>2004</b> , 24, 208-11		1
692	Repolarization abnormality in idiopathic ventricular fibrillation: assessment using 24-hour QT-RR and QaT-RR relationships. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2004</b> , 15, 59-63	2.7	37
691	Role of dipolar and nondipolar components of the T wave in determining the T wave residuum in an isolated rabbit heart model. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2004</b> , 15, 356-63	2.7	10
690	Drug-induced torsades de pointes and implications for drug development. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2004</b> , 15, 475-95	2.7	272
689	Predictive value of QT dispersion for acute heart failure after autologous and allogeneic hematopoietic stem cell transplantation. <b>2004</b> , 76, 1-7		28
688	Cellular basis and mechanism underlying normal and abnormal myocardial repolarization and arrhythmogenesis. <b>2004</b> , 36 Suppl 1, 5-14		71
687	T wave morphology analysis distinguishes between KvLQT1 and HERG mutations in long QT syndrome. <i>Heart Rhythm</i> , <b>2004</b> , 1, 285-92	6.7	43
686	Epicardial but not endocardial premature stimulation initiates ventricular tachyarrhythmia in canine in vitro model of long QT syndrome. <i>Heart Rhythm</i> , <b>2004</b> , 1, 684-94	6.7	13
685	Role of sodium and calcium channel block in unmasking the Brugada syndrome. <i>Heart Rhythm</i> , <b>2004</b> , 1, 210-7	6.7	131
684	Short QT syndrome: pharmacological treatment. <b>2004</b> , 43, 1494-9		278
683	QT dispersion correlates with systolic rather than diastolic parameters in patients receiving anthracycline treatment. <b>2004</b> , 43, 379-87		19
682	Cardiac Sarcolemmal ATP-Sensitive Potassium Channel Antagonists: Novel Ischemia-Selective Antiarrhythmic Agents. <b>2005</b> , 909-935		1
681	Magnetocardiographic Imaging of Ventricular Repolarization in Rett Syndrome. <b>2005</b> , 205-215		
680	The effect of mental stress on the non-dipolar components of the T wave: modulation by hypnosis. <b>2005</b> , 67, 376-83		23
679	The effects of propofol and sevoflurane on the QT interval and transmural dispersion of repolarization in children. <b>2005</b> , 100, 71-77		82
678	Prolongation of QT interval by terbutaline in healthy subjects. <b>2005</b> , 45, 175-81		8
677	Interval representative of transmural dispersion of repolarization in children and young adolescents with congenital long QT syndrome. <b>2005</b> , 69, 78-82		10
676	Modulation of transmural repolarization. <b>2005</b> , 1047, 314-23		41

675	Antimony-induced cardiomyopathy in guinea-pig and protection by L-carnitine. <b>2005</b> , 144, 17-27		14
674	Left ventricular epicardial activation increases transmural dispersion of repolarization in healthy, long QT, and dilated cardiomyopathy dogs. <b>2005</b> , 28, 1098-106		17
673	Assessment of the proarrhythmic potential of the novel antiarrhythmic agent AZD7009 and dofetilide in experimental models of torsades de pointes. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2005</b> , 16, 898-904	2.7	44
672	Validation of ECG indices of ventricular repolarization heterogeneity: a computer simulation study. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2005</b> , 16, 1097-103	2.7	40
671	ECG repolarization waves: their genesis and clinical implications. <i>Annals of Noninvasive Electrocardiology</i> , <b>2005</b> , 10, 211-23	1.5	65
670	Heart rate influences on repolarization duration and morphology in symptomatic versus asymptomatic KCNQ1 mutation carriers. <b>2005</b> , 95, 406-9		12
669	Relation between left ventricular geometry and transmural dispersion of repolarization. <b>2005</b> , 96, 952-5		16
668	Drug-induced QT dispersion: does it predict the risk of torsade de pointes?. <b>2005</b> , 38, 10-8		58
667	A farewell to QT dispersion. Are the alternatives any better?. <b>2005</b> , 38, 7-9		23
666	Brugada syndrome and ischemia-induced ST-segment elevation. Similarities and differences. <b>2005</b> , 38, 14-7		44
665	Mechanisms underlying arrhythmogenesis in long QT syndrome. <b>2005</b> , 38, 69-73		60
664	The QT and Tp-e intervals in left and right chest leads: comparison between patients with systemic and pulmonary hypertension. <b>2005</b> , 38, 154-8		31
663	Relationship between prolongation of QTc and prolongation of the peak of T (Tp) to the end of T (Te). <b>2005</b> , 52, 178-81		7
662	Nonclinical proarrhythmia models: predicting Torsades de Pointes. <b>2005</b> , 52, 46-59		100
661	Anaesthesia and transmural dispersion of repolarisation in children. <b>2005</b> , 52, A54-A54		
660	Tpeak-Tend interval as an index of global dispersion of ventricular repolarization: evaluations using monophasic action potential mapping of the epi- and endocardium in swine. <b>2005</b> , 14, 79-87		90
659	Methodological considerations in the design of trials for safety assessment of new drugs and chemical entities. <b>2005</b> , 6, 1		29
658	Effects of psychologic stress on repolarization and relationship to autonomic and hemodynamic factors. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2005</b> , 16, 372-7	2.7	71

657	. 2005,	7
656	Inherited Arrhythmogenic Diseases. 132-146	0
655	Specific therapy based on the genotype and cellular mechanism in inherited cardiac arrhythmias. Long QT syndrome and Brugada syndrome. 2005, 11, 1561-72	61
654	QT dynamicity: a prognostic factor for sudden cardiac death in chronic heart failure. 2005, 7, 269-75	39
653	The U wave in the electrocardiogram: a solution for a 100-year-old riddle. 2005, 67, 256-62	27
652	Antimalarial drugs: QT prolongation and cardiac arrhythmias. 2005, 4, 421-31	28
651	The long QT syndrome: therapeutic implications of a genetic diagnosis. 2005, 67, 347-56	59
650	Repolarization gradients in the canine left ventricle before and after induction of short-term cardiac memory. <i>Circulation</i> , 2005, 112, 1711-8	16.7 98
649	Functional Imaging and Modeling of the Heart. 2005,	10
648	Inherited and acquired vulnerability to ventricular arrhythmias: cardiac Na <sup>+</sup> and K <sup>+</sup> channels. 2005, 85, 33-47	82
647	Effect of haemodialysis on regional and transmural inhomogeneities of the ventricular repolarisation phase. 2005, 99, c24-30	11
646	Modeling and simulation of transmural cellular electromechanical properties in heart failure. 2005,	
645	Modelling of short QT syndrome in a heterogeneous model of the human ventricular wall. 2005, 7 Suppl 2, 105-17	33
644	Cardiac repolarization. The long and short of it. 2005, 7 Suppl 2, 3-9	49
643	Action potential duration and QT interval during pinacidil infusion in isolated rabbit hearts. <i>Journal of Cardiovascular Electrophysiology</i> , 2005, 16, 872-8	2.7 13
642	Dispersion of repolarization in cardiac resynchronization therapy. <i>Heart Rhythm</i> , 2005, 2, 1286-93	6.7 35
641	T wave and dispersion of repolarization. <i>Heart Rhythm</i> , 2005, 2, 170-1	6.7 3
640	Epinephrine-induced T-wave notching in congenital long QT syndrome. <i>Heart Rhythm</i> , 2005, 2, 141-6	6.7 44

639	Refining detection of drug-induced proarrhythmia: QT interval and TRIaD. <i>Heart Rhythm</i> , <b>2005</b> , 2, 758-726.7		163
638	In vivo validation of the coincidence of the peak and end of the T wave with full repolarization of the epicardium and endocardium in swine. <i>Heart Rhythm</i> , <b>2005</b> , 2, 162-9	6.7	88
637	The U wave explained as an intrinsic part of repolarization. <b>2005</b> ,		1
636	Simulation study of transmural cellular electrical properties in failed human heart. <b>2005</b> , 2006, 337-40		4
635	The homeodomain transcription factor <i>Irx5</i> establishes the mouse cardiac ventricular repolarization gradient. <b>2005</b> , 123, 347-58		200
634	Making a silk purse out of a sow's ear. <b>2005</b> , 46, 688-9		1
633	Global endocardial electrical restitution in human right and left ventricles determined by noncontact mapping. <b>2005</b> , 46, 1067-75		65
632	Potential proarrhythmic effects of biventricular pacing. <b>2005</b> , 46, 2340-7		96
631	Disease models for elucidation of mechanisms and prediction of drug-induced proarrhythmia. <b>2005</b> , 2, 205-213		1
630	Use of preclinical assays to predict risk of drug-induced torsades de pointes. <i>Heart Rhythm</i> , <b>2005</b> , 2, S16-27		30
629	Cardiac Safety of Noncardiac Drugs. <b>2005</b> ,		8
628	Blinded validation of the isolated arterially perfused rabbit ventricular wedge in preclinical assessment of drug-induced proarrhythmias. <i>Heart Rhythm</i> , <b>2006</b> , 3, 948-56	6.7	103
627	Body surface ECG signal shape dispersion. <b>2006</b> , 53, 2491-500		11
626	Cardiac safety strategies. 25-26 October 2005, the Radisson SAS Hotel, Nice, France. <b>2006</b> , 5, 329-33		6
625	Human ether-a-go-go-related (HERG) gene and ATP-sensitive potassium channels as targets for adverse drug effects. <b>2006</b> , 112, 12-37		43
624	Repolarization morphology in adult LQT2 carriers with borderline prolonged QTc interval. <i>Heart Rhythm</i> , <b>2006</b> , 3, 1460-6	6.7	28
623	Electrocardiographic changes predicting sudden death in propofol-related infusion syndrome. <i>Heart Rhythm</i> , <b>2006</b> , 3, 131-7	6.7	127
622	QT peak dispersion, not QT dispersion, is a more useful diagnostic marker for detecting exercise-induced myocardial ischemia. <i>Heart Rhythm</i> , <b>2006</b> , 3, 424-32	6.7	8

621	Ratio of late to early T-wave peak amplitude in 24-h electrocardiographic recordings as indicator of symptom history in patients with long-QT Syndrome types 1 and 2. <b>2006</b> , 47, 112-20		15
620	Apex-to-base dispersion in regional timing of left ventricular shortening and lengthening. <b>2006</b> , 47, 163-72		171
619	Tpeak-Tend and Tpeak-Tend dispersion as risk factors for ventricular tachycardia/ventricular fibrillation in patients with the Brugada syndrome. <b>2006</b> , 47, 1828-34		356
618	Pacing-induced increase in QT dispersion predicts sudden cardiac death following cardiac resynchronization therapy. <b>2006</b> , 47, 2486-92		41
617	Effects of beta-blocker therapy on ventricular repolarization documented by 24-h electrocardiography in patients with type 1 long-QT syndrome. <b>2006</b> , 48, 747-53		24
616	Prognostic value of the QTc interval after cardiac transplantation. <b>2006</b> , 25, 29-35		19
615	Adrenergic-mediated exposure of hyperkalemia in the electrocardiogram. <i>International Journal of Cardiology</i> , <b>2006</b> , 112, 265-8	3.2	4
614	Biventricular Pacing and Heterogeneity of Ventricular Repolarization in Heart Failure Patients. <b>2006</b> , 2, 182618680600200		
613	Abstracts of Posters Presented at the International Anesthesia Research Society 80th Clinical and Scientific Congress San Francisco, California March 24-28, 2006. <b>2006</b> , 102, S1-S341		4
612	Arrhythmogenic effects of arsenic trioxide in patients with acute promyelocytic leukemia and an electrophysiological study in isolated guinea pig papillary muscles. <b>2006</b> , 70, 1407-14		23
611	Gender and age effects on ventricular repolarization abnormality in Japanese general carriers of a G643S common single nucleotide polymorphism for the KCNQ1 gene. <b>2006</b> , 70, 645-50		16
610	Influence of menstrual cycle on QT interval dynamics. <b>2006</b> , 29, 607-13		124
609	Brugada syndrome. <b>2006</b> , 29, 1130-59		273
608	Thorough QT/QTc not so thorough: removes torsadogenic predictors from the T-wave, incriminates safe drugs, and misses profibrillatory drugs. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2006</b> , 17, 337-40 <sup>2-7</sup>		74
607	The role of sodium channel current in modulating transmural dispersion of repolarization and arrhythmogenesis. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2006</b> , 17 Suppl 1, S79-S85	2.7	70
606	QT interval prolongation and arrhythmia: an unbreakable connection?. <b>2006</b> , 259, 81-90		30
605	Amplification of spatial dispersion of repolarization underlies sudden cardiac death associated with catecholaminergic polymorphic VT, long QT, short QT and Brugada syndromes. <b>2006</b> , 259, 48-58		104
604	In vitro and in vivo models for testing arrhythmogenesis in drugs. <b>2006</b> , 259, 70-80		53

603	Cellular basis for the repolarization waves of the ECG. <b>2006</b> , 1080, 268-81	53
602	Three-dimensional recovery time dispersion map by 64-channel magnetocardiography may demonstrate the location of a myocardial injury and heterogeneity of repolarization. <b>2006</b> , 22, 573-80	21
601	[Long QT syndrome and anaesthesia]. <b>2006</b> , 55, 229-46	6
600	In-vitro experimental models for the risk assessment of antibiotic-induced QT prolongation. <b>2006</b> , 553, 229-39	32
599	QT variability and HRV interactions in ECG: quantification and reliability. <b>2006</b> , 53, 1317-29	50
598	Use of arterially perfused rabbit ventricular wedge in predicting arrhythmogenic potentials of drugs. <b>2006</b> , 54, 261-72	31
597	Safety pharmacology assessment of drug-induced QT-prolongation in dogs with reduced repolarization reserve. <b>2006</b> , 54, 130-40	27
596	Methods for screening drugs for their pro-arrhythmic liability: does the rabbit ventricular wedge hold the key?. <b>2006</b> , 54, 257-60	4
595	Beat-to-beat variations of the electrocardiogram in survivors of sudden death without structural heart disease. <b>2006</b> , 39, 310-4	1
594	Long QT syndrome genotyping by electrocardiography: fact, fiction, or something in between?. <b>2006</b> , 39, S119-22	9
593	Ventricular repolarization: an overview of (patho)physiology, sympathetic effects and genetic aspects. <b>2006</b> , 92, 269-307	85
592	Preclinical cardiac safety assessment of pharmaceutical compounds using an integrated systems-based computer model of the heart. <b>2006</b> , 90, 414-43	48
591	Assessing the proarrhythmic potential of drugs: current status of models and surrogate parameters of torsades de pointes arrhythmias. <b>2006</b> , 112, 150-70	88
590	A comprehensive review and analysis of 25 years of data from an in vivo canine model of sudden cardiac death: implications for future anti-arrhythmic drug development. <b>2006</b> , 111, 808-35	110
589	Influence of biventricular pacing on myocardial dispersion of repolarization in dilated cardiomyopathy patients. <b>2006</b> , 8, 502-5	28
588	Impact of left ventricular epicardial and biventricular pacing on ventricular repolarization in normal-heart individuals and patients with congestive heart failure. <b>2006</b> , 8, 1002-10	25
587	Coronary occlusion and reperfusion promote early afterdepolarizations and ventricular tachycardia in a canine tissue model of type 3 long QT syndrome. <b>2006</b> , 290, H607-12	9
586	Dimethyl lithospermate B, an extract of Danshen, suppresses arrhythmogenesis associated with the Brugada syndrome. <i>Circulation</i> , <b>2006</b> , 113, 1393-400	16.7 86



585	In vivo mechanisms precipitating torsades de pointes in a canine model of drug-induced long-QT1 syndrome. <b>2007</b> , 76, 247-56	85
584	Heterogeneous ventricular chamber response to hypokalemia and inward rectifier potassium channel blockade underlies bifurcated T wave in guinea pig. <b>2007</b> , 292, H3043-51	29
583	Mechanism of U wave and polymorphic ventricular tachycardia in a canine tissue model of Andersen-Tawil syndrome. <b>2007</b> , 75, 510-8	48
582	Role of spatial dispersion of repolarization in inherited and acquired sudden cardiac death syndromes. <b>2007</b> , 293, H2024-38	184
581	Dynamic changes in conduction velocity and gap junction properties during development of pacing-induced heart failure. <b>2007</b> , 293, H1223-30	143
580	Effects of early afterdepolarizations on reentry in cardiac tissue: a simulation study. <b>2007</b> , 292, H3089-102	24
579	Analysis of action potentials in the canine ventricular septum: no phenotypic expression of M cells. <b>2007</b> , 74, 96-103	15
578	Ionic, molecular, and cellular bases of QT-interval prolongation and torsade de pointes. <b>2007</b> , 9 Suppl 4, iv4-15	104
577	Drug-induced QT prolongation and proarrhythmia: an inevitable link?. <b>2007</b> , 9 Suppl 4, iv16-22	20
576	Drug-induced QT-interval prolongation and proarrhythmic risk in the treatment of atrial arrhythmias. <b>2007</b> , 9 Suppl 4, iv37-44	31
575	Relationship between transmural dispersion of repolarization, Tpeak-Tend interval, and ventricular arrhythmias: reply. <b>2007</b> , 9, 61-61	
574	The influence of fibre orientation, extracted from different segments of the human left ventricle, on the activation and repolarization sequence: a simulation study. <b>2007</b> , 9 Suppl 6, vi96-104	15
573	Computer based modeling of the congenital long-QT 2 syndrome in the Visible Man torso: from genes to ECG. <b>2007</b> , 2007, 1410-3	5
572	Quantitative relationship between plasma potassium levels and QT interval in beagle dogs. <b>2007</b> , 41, 204-17	11
571	Pharmacological activation of rapid delayed rectifier potassium current suppresses bradycardia-induced triggered activity in the isolated guinea pig heart. <b>2007</b> , 321, 996-1002	31
570	Normal and Arrhythmogenic Ionic Channel Mechanism. <b>2007</b> , 29-44	
569	Syncope and QT prolongation among patients treated with methadone for heroin dependence in the city of Copenhagen. <i>Heart</i> , <b>2007</b> , 93, 1051-5	5.1 98
568	Relationship of electrocardiographic repolarization measures to echocardiographic left ventricular mass in men with hypertension. <b>2007</b> , 25, 1951-7	26

567	A comparison of the effect on dispersion of repolarization of age-adjusted MAC values of sevoflurane in children. <b>2007</b> , 104, 277-82		43
566	A Principal Component Regression Approach for Estimating Ventricular Repolarization Duration Variability. <b>2007</b> , 2007,		
565	Diurnal variation and dispersion in QT interval in cirrhosis: relation to haemodynamic changes. <b>2007</b> , 47, 373-80		34
564	Acquired long QT syndrome: risperidone-facilitated triggered activity and Torsades de Pointes during complete AV block. I. <i>International Journal of Cardiology</i> , <b>2007</b> , 116, 416-20	3.2	16
563	Dispersion of repolarization in canine ventricle and the electrocardiographic T wave: Tp-e interval does not reflect transmural dispersion. <i>Heart Rhythm</i> , <b>2007</b> , 4, 341-8	6.7	222
562	Changes and predictive value of dispersion of repolarization parameters for appropriate therapy in patients with biventricular implantable cardioverter-defibrillators. <i>Heart Rhythm</i> , <b>2007</b> , 4, 1274-83	6.7	36
561	QT Interval Revisited Not Just the Matter of Interval, But Dynamics, Variability and Morphology <b>2007</b> , 23, 210-222		
560	Heterogeneity and cardiac arrhythmias: an overview. <i>Heart Rhythm</i> , <b>2007</b> , 4, 964-72	6.7	124
559	A robust method for quantification of IKr-related T-wave morphology abnormalities. <b>2007</b> ,		3
558	Mechanoelectrical feedback as novel mechanism of cardiac electrical remodeling. <i>Circulation</i> , <b>2007</b> , 115, 3145-55	16.7	91
557	Preclinical cardiac safety assessment of drugs. <b>2007</b> , 8, 213-28		26
556	Does Tpeak-Tend provide an index of transmural dispersion of repolarization?. <i>Heart Rhythm</i> , <b>2007</b> , 4, 1114-6; author reply 1116-9	6.7	196
555	The Effects of Nicorandil and Nifekalant, Which Were Injected into the Pericardial Space, for Transmural Dispersion of Repolarization in the Pig. <b>2007</b> , 23, 46-57		
554	Arrhythmogenic consequences of Na <sup>+</sup> channel mutations in the transmurally heterogeneous mammalian left ventricle: analysis of the I1768V SCN5A mutation. <i>Heart Rhythm</i> , <b>2007</b> , 4, 768-78	6.7	17
553	Electrophysiologic characteristics of an Andersen syndrome patient with KCNJ2 mutation. <i>Heart Rhythm</i> , <b>2007</b> , 4, 512-5	6.7	12
552	Transient T wave Changes Concerning Arrhythmia. <b>2007</b> , 23, 115-123		
551	In vivo validation of the T-peak to T-end interval: implications for genesis of the T wave. <i>Heart Rhythm</i> , <b>2007</b> , 4, 349-50	6.7	4
550	Transmural dispersion of myofiber mechanics: implications for electrical heterogeneity in vivo. <b>2007</b> , 49, 909-16		109

549	The morphology of the QT interval predicts torsade de pointes during acquired bradyarrhythmias. <b>2007</b> , 49, 320-8		170
548	Ventricular repolarization dynamicity provides independent prognostic information toward major arrhythmic events in patients with idiopathic dilated cardiomyopathy. <b>2007</b> , 50, 225-31		58
547	Abnormal intracellular calcium handling underlying T-wave alternans and its hysteresis. <b>2007</b> , 108, 147-56		7
546	. <b>2007</b> ,		2
545	The Long QT Syndrome. 83-110		
544	Genotype-phenotype correlations of KCNJ2 mutations in Japanese patients with Andersen-Tawil syndrome. <b>2007</b> , 28, 208		42
543	The effect of antihistamine cetirizine on ventricular repolarization in congenital long QT syndrome. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2007</b> , 18, 691-5	2.7	7
542	Using the upper limit of vulnerability to assess defibrillation efficacy at implantation of ICDs. <b>2007</b> , 30, 258-70		49
541	L-type calcium current reactivation contributes to arrhythmogenesis associated with action potential triangulation. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2007</b> , 18, 196-203	2.7	71
540	Biventricular pacing and QT interval prolongation. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2007</b> , 18, 623-7	2.7	6
539	Drug-induced long QT syndrome: a continuing challenge in the field. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2007</b> , 18, 696-7	2.7	0
538	Mental stress may induce QT-interval prolongation and T-wave notching. <i>Annals of Noninvasive Electrocardiology</i> , <b>2007</b> , 12, 251-9	1.5	26
537	Activation and repolarization patterns in the ventricular epicardium under sinus rhythm in frog and rabbit hearts. <b>2007</b> , 146, 310-6		17
536	In-vitro experimental models for the risk assessment of antibiotic-induced QT prolongation. <b>2007</b> , 577, 222-32		28
535	Changing capacity of electrocardiographic ventricular repolarization in post-myocardial infarction patients with and without nonfatal cardiac arrest. <b>2007</b> , 99, 295-9		8
534	Animal models of ventricular arrhythmias. <b>2007</b> , 113, 276-95		44
533	Novel probabilistic method for precisely correcting the QT interval for heart rate in telemetered dogs and cynomolgus monkeys. <b>2007</b> , 55, 159-75		43
532	A highly sensitive canine telemetry model for detection of QT interval prolongation: studies with moxifloxacin, haloperidol and MK-499. <b>2007</b> , 56, 103-14		33

531	The contribution of refractoriness to arrhythmic substrate in hypokalemic Langendorff-perfused murine hearts. <b>2007</b> , 454, 209-22		45
530	Effect of weight loss following bariatric surgery on myocardial dispersion of repolarization in morbidly obese patients. <b>2007</b> , 17, 857-65		46
529	T-wave width as an index for quantification of ventricular repolarization dispersion: Evaluation in an isolated rabbit heart model. <b>2008</b> , 3, 67-77		17
528	Impact of left ventricular remodeling on ventricular repolarization and heart rate variability in patients after myocardial infarction treated with primary PCI: prospective 6 months follow-up. <b>2008</b> , 13, 8-13		3
527	The impact of varying autonomic states on the dynamic beat-to-beat QT-RR and QT-TQ interval relationships. <b>2008</b> , 154, 1508-15		32
526	In vitro models of proarrhythmia. <b>2008</b> , 154, 1516-22		46
525	Sensitive and reliable proarrhythmia in vivo animal models for predicting drug-induced torsades de pointes in patients with remodelled hearts. <b>2008</b> , 154, 1528-37		108
524	Slow delayed rectifier K <sup>+</sup> current block by HMR 1556 increases dispersion of repolarization and promotes Torsades de Pointes in rabbit ventricles. <b>2008</b> , 155, 1185-94		13
523	Cellular mechanism and arrhythmogenic potential of T-wave alternans in the Brugada syndrome. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2008</b> , 19, 301-8	2.7	39
522	Effects of acute vagal nerve stimulation on the early passive electrical changes induced by myocardial ischaemia in dogs: heart rate-mediated attenuation. <i>Experimental Physiology</i> , <b>2008</b> , 93, 931-44 <sup>4</sup>		9
521	The role of transmural ventricular heterogeneities in cardiac vulnerability to electric shocks. <b>2008</b> , 96, 321-38		10
520	In silico risk assessment for drug-induction of cardiac arrhythmia. <b>2008</b> , 98, 52-60		15
519	Dispersions of repolarization and ventricular arrhythmogenesis: lessons from animal models. <b>2008</b> , 98, 219-29		31
518	Model systems for the discovery and development of antiarrhythmic drugs. <b>2008</b> , 98, 328-39		27
517	Ventricular arrhythmogenesis: insights from murine models. <b>2008</b> , 98, 208-18		41
516	Risk stratification for sudden cardiac death. <b>2008</b> , 98, 340-6		5
515	Pharmacological approach to the treatment of long and short QT syndromes. <b>2008</b> , 118, 138-51		38
514	Preclinical assessment of drug-induced proarrhythmias: role of the arterially perfused rabbit left ventricular wedge preparation. <b>2008</b> , 119, 141-51		40

513	Preclinical Torsades-de-Pointes screens: advantages and limitations of surrogate and direct approaches in evaluating proarrhythmic risk. <b>2008</b> , 119, 199-209		58
512	The hERG potassium channel and hERG screening for drug-induced torsades de pointes. <b>2008</b> , 119, 118-32		222
511	The cardiac sarcolemmal ATP-sensitive potassium channel as a novel target for anti-arrhythmic therapy. <b>2008</b> , 120, 54-70		63
510	Torsades de pointes related to transient marked QT prolongation following successful emergent percutaneous coronary intervention for acute coronary syndrome. <b>2008</b> , 41, 117-22		13
509	T(p-e)/QT ratio as an index of arrhythmogenesis. <b>2008</b> , 41, 567-74		370
508	The meaning of the Tp-Te interval and its diagnostic value. <b>2008</b> , 41, 575-80		185
507	Temporal variability of QT interval and changes in T wave morphology in dogs as markers of the clinical risk of drug-induced proarrhythmia. <b>2008</b> , 57, 194-201		7
506	Effects of pink grapefruit juice on QT variability in patients with dilated or hypertensive cardiomyopathy and in healthy subjects. <b>2008</b> , 151, 267-72		19
505	The hERG K <sup>+</sup> channel: target and antitarget strategies in drug development. <b>2008</b> , 57, 181-95		106
504	Acquired long QT syndrome: Unequal regression of Amiodarone-induced repolarization lengthening. <i>International Journal of Cardiology</i> , <b>2008</b> , 124, 395-9	3.2	3
503	Reduced repolarization reserve: An important but not the unique predictor of drug induced fatal ventricular arrhythmia. <i>International Journal of Cardiology</i> , <b>2008</b> , 124, 368-369	3.2	2
502	Electromechanical coupling in patients with the short QT syndrome: further insights into the mechanoelectrical hypothesis of the U wave. <i>Heart Rhythm</i> , <b>2008</b> , 5, 241-5	6.7	52
501	A quantitative assessment of T-wave morphology in LQT1, LQT2, and healthy individuals based on Holter recording technology. <i>Heart Rhythm</i> , <b>2008</b> , 5, 11-8	6.7	28
500	L-type calcium current recovery versus ventricular repolarization: preserved membrane-stabilizing mechanism for different QT intervals across species. <i>Heart Rhythm</i> , <b>2008</b> , 5, 271-9	6.7	31
499	Electrocardiographic interventricular dispersion of repolarization during autonomic adaptation in LQT1 subtype of long QT syndrome. <b>2008</b> , 42, 130-6		4
498	Cardiovascular Toxicology. <b>2008</b> ,		
497	Novel transient outward and ultra-rapid delayed rectifier current antagonist, AVE0118, protects against ventricular fibrillation induced by myocardial ischemia. <b>2008</b> , 51, 352-8		11
496	Cardiac repolarization during hypoglycaemia in type 1 diabetes: impact of basal renin-angiotensin system activity. <b>2008</b> , 10, 860-7		13

495	Cardiac repolarization during hypoglycaemia and hypoxaemia in healthy males: impact of renin-angiotensin system activity. <b>2008</b> , 10, 219-26	4
494	Antibodies with beta-adrenergic activity from chronic chagasic patients modulate the QT interval and M cell action potential duration. <b>2008</b> , 10, 868-76	19
493	Single-lead electrocardiographic variables in the detection of prior myocardial infarction with respect to Q-wave status and infarct age. <b>2008</b> , 109, 222-9	1
492	Importance of Knowing the Genotype and the Specific Mutation When Managing Patients with Long QT Syndrome. <b>2008</b> , 1, 213-26; discussion 226	25
491	Ventricular untwisting: a temporal link between left ventricular relaxation and suction. <b>2008</b> , 294, H505-13	228
490	Recent ventricular repolarization markers in resistant hypertension: are they different from the traditional QT interval?. <b>2008</b> , 21, 47-53	30
489	An amphipathic helical region of the N-terminal barrel of phospholipid transfer protein is critical for ABCA1-dependent cholesterol efflux. <b>2008</b> , 283, 11541-9	44
488	Ventricular transmural repolarization sequence: its relationship with ventricular relaxation and role in ventricular diastolic function. <b>2009</b> , 30, 372-80	37
487	Strategy for a genetic assessment of antipsychotic and antidepressant-related proarrhythmia. <b>2008</b> , 15, 2472-517	4
486	Mutation site dependent variability of cardiac events in Japanese LQT2 form of congenital long-QT syndrome. <b>2008</b> , 72, 694-9	25
485	The effect of propofol concentration on dispersion of myocardial repolarization in children. <b>2008</b> , 107, 806-10	36
484	The Role of Spatial Dispersion of Repolarization and Intramural Reentry in Inherited and Acquired Sudden Cardiac Death Syndromes. 1-17	
483	Cardiac Sarcolemmal ATP-sensitive Potassium Channel Antagonists: A Class of Drugs that May Selectively Target the Ischemic Myocardium. <b>2009</b> , 381-412	
482	. <b>2009</b> ,	2
481	. <b>2009</b> ,	1
480	Assessment of Strategies Utilized to Minimize the Potential for Induction of Acquired Long QT Syndrome and Torsade DE Pointes. 253-279	
479	Assessment of the Spatial QRS-T Angle by Vectorcardiography: Current Data and Perspectives. <b>2009</b> , 5, 251-62	9
478	Transmural strains in the ovine left ventricular lateral wall during diastolic filling. <b>2009</b> , 131, 061004	3

477	Computational modeling of cardiac disease: potential for personalized medicine. <b>2009</b> , 6, 45-66		13
476	Cardiac autonomic neural remodeling and susceptibility to sudden cardiac death: effect of endurance exercise training. <b>2009</b> , 297, H1171-93		135
475	Is there a significant transmural gradient in repolarization time in the intact heart?: Repolarization Gradients in the Intact Heart. <b>2009</b> , 2, 89-96		86
474	Experimental and theoretical ventricular electrograms and their relation to electrophysiological gradients in the adult rat heart. <b>2009</b> , 297, H1521-34		17
473	Is there a significant transmural gradient in repolarization time in the intact heart? Cellular basis of the T wave: a century of controversy. <b>2009</b> , 2, 80-8		64
472	The prognostic value of the Tpeak-Tend interval in patients undergoing primary percutaneous coronary intervention for ST-segment elevation myocardial infarction. <b>2009</b> , 42, 555-60		106
471	Identify drug-induced T wave morphology changes by a cell-to-electrocardiogram model and validation with clinical trial data. <b>2009</b> , 42, 534-42		10
470	Report and recommendations of the workshop of the European Centre for the Validation of Alternative Methods for Drug-Induced Cardiotoxicity. <b>2009</b> , 9, 107-25		28
469	Effects of sevoflurane on QT parameters in children with congenital sensorineural hearing loss. <b>2009</b> , 64, 3-8		14
468	QT variability during rest and exercise in patients with implantable cardioverter defibrillators and healthy controls. <i>Annals of Noninvasive Electrocardiology</i> , <b>2009</b> , 14, 40-9	1.5	8
467	Nondipolar electrocardiographic components and myocardial heterogeneity. <i>Annals of Noninvasive Electrocardiology</i> , <b>2009</b> , 14, 103-7	1.5	2
466	Identifying drug-induced repolarization abnormalities from distinct ECG patterns in congenital long QT syndrome: a study of sotalol effects on T-wave morphology. <b>2009</b> , 32, 599-611		43
465	Body surface projection of action potential duration alternans: a combined clinical-modeling study with implications for improving T-wave alternans detection. <i>Heart Rhythm</i> , <b>2009</b> , 6, 1211-9	6.7	19
464	hERG-related drug toxicity and models for predicting hERG liability and QT prolongation. <b>2009</b> , 5, 1005-21		56
463	Myocardial remodelling induced by repeated low doses of isoproterenol. <b>2009</b> , 87, 641-51		15
462	Effect of short-term cardiac memory on ventricular electrical restitution and QT intervals in humans. <b>2009</b> , 25, 53-61		1
461	Predictive value of electrocardiographic QT interval and T-wave morphology parameters for all-cause and cardiovascular mortality in a general population sample. <i>Heart Rhythm</i> , <b>2009</b> , 6, 1202-8, 1208.e1	6.7	48
460	Unfolding the mystery of the T-wave loop. <i>Heart Rhythm</i> , <b>2009</b> , 6, 520-1	6.7	

459	Prognostic value of ventricular repolarization prolongation in resistant hypertension: a prospective cohort study. <b>2009</b> , 27, 1094-101	19
458	Repolarization changes induced by mental stress in normal subjects and patients with coronary artery disease: effect of nitroglycerine. <b>2009</b> , 71, 23-9	7
457	Defibrillator electrogram T wave alternans as a predictor of spontaneous ventricular tachyarrhythmias in defibrillator recipients. <b>2009</b> , 73, 55-62	36
456	Opposing effects of bepridil on ventricular repolarization in humans. Inhomogeneous prolongation of the action potential duration vs flattening of its restitution kinetics. <b>2009</b> , 73, 1612-8	6
455	[The effect of various stressors on the QT-interval and the T-wave]. <b>2009</b> , 150, 447-57	7
454	Modeling and simulation of preclinical cardiac safety: towards an integrative framework. <b>2009</b> , 24, 76-90	9
453	Sevoflurane causes greater QTc interval prolongation in elderly patients than in younger patients. <b>2010</b> , 110, 775-9	31
452	Concept of the vulnerable parameter: the Sicilian Gambit revisited. <b>2010</b> , 55, 428-37	13
451	Mathematical modeling of electrocardiograms: a numerical study. <b>2010</b> , 38, 1071-97	79
450	Origin of the electrocardiographic U wave: effects of M cells and dynamic gap junction coupling. <b>2010</b> , 38, 1060-70	6
449	A principal component regression approach for estimation of ventricular repolarization characteristics. <b>2010</b> , 57, 1062-9	11
448	Effect of changes in left ventricular anatomy and conduction velocity on the QRS voltage and morphology in left ventricular hypertrophy: a model study. <b>2010</b> , 43, 200-8	54
447	Reference values of electrocardiogram repolarization variables in a healthy population. <b>2010</b> , 43, 31-9	47
446	Dispersed measures of dispersed repolarization and depolarization: scalars, vectors, angles, maps, and prospects for improved clinical utility. <b>2010</b> , 43, 283-7	2
445	How the knowledge of genetic "makeup" and cellular data can affect the analysis of repolarization in surface electrocardiogram. <b>2010</b> , 43, 583-7	1
444	Effect of resistive barrier location on the relationship between T-wave alternans and cellular repolarization alternans: a 1-D modeling study. <b>2010</b> , 43, 566-71	7
443	The continuing evolution of torsades de pointes liability testing methods: is there an end in sight?. <b>2010</b> , 243, 146-53	23
442	The isolated rabbit heart and Purkinje fibers as models for identifying proarrhythmic liability. <b>2010</b> , 61, 238-50	15



441	Arrhythmogenic liability screening in cardiovascular safety pharmacology: commonality between non-clinical safety pharmacology and clinical thorough QT (TQT) studies. <b>2010</b> , 62, 83-8		19
440	Drug-induced QT-interval prolongation: considerations for clinicians. <b>2010</b> , 30, 684-701		51
439	Discrimination between ischemic and artifactual ST segment events in Holter recordings. <b>2010</b> , 5, 21-31		10
438	An introduction to QT interval prolongation and non-clinical approaches to assessing and reducing risk. <b>2010</b> , 159, 12-21		124
437	Update on the evaluation of a new drug for effects on cardiac repolarization in humans: issues in early drug development. <b>2010</b> , 159, 34-48		75
436	Increased heterogeneity of ventricular repolarization in obese nonhypertensive children. <b>2010</b> , 33, 1533-9		24
435	Circadian and gender effects on repolarization in healthy adults: a study using harmonic regression analysis. <i>Annals of Noninvasive Electrocardiology</i> , <b>2010</b> , 15, 3-10	1.5	11
434	Behavior of the electrocardiographic T peak to end interval in childhood. <i>Annals of Noninvasive Electrocardiology</i> , <b>2010</b> , 15, 11-6	1.5	11
433	The time course of new T-wave ECG descriptors following single- and double-dose administration of sotalol in healthy subjects. <i>Annals of Noninvasive Electrocardiology</i> , <b>2010</b> , 15, 26-35	1.5	7
432	Microvolt T-wave alternans during Holter monitoring in children and adolescents. <i>Annals of Noninvasive Electrocardiology</i> , <b>2010</b> , 15, 138-44	1.5	15
431	Peculiarities of myocardial electrogenesis in laboratory rats under conditions of acute nitrite intoxication. <b>2010</b> , 46, 179-188		0
430	Increased pretransplant QT dispersion as a risk factor for the development of cardiac complications during and after preparative conditioning for pediatric allogeneic hematopoietic stem cell transplantation. <b>2010</b> , 14, 986-92		10
429	Transmural differences in myocardial contraction in long-QT syndrome: mechanical consequences of ion channel dysfunction. <i>Circulation</i> , <b>2010</b> , 122, 1355-63	16.7	97
428	M cells in the human heart. <b>2010</b> , 106, 815-7		42
427	Effect of desflurane at less than 1 MAC on QT interval prolongation induced by tracheal intubation. <b>2010</b> , 104, 150-7		16
426	Beneficial electrophysiological effects of trimetazidine in patients with postischemic chronic heart failure. <b>2010</b> , 15, 24-30		21
425	Tpeak-Tend interval and Tpeak-Tend/QT ratio as markers of ventricular tachycardia inducibility in subjects with Brugada ECG phenotype. <b>2010</b> , 12, 271-4		96
424	A new ECG biomarker for drug toxicity: a combined signal processing and computational modeling study. <b>2010</b> , 2010, 2565-8		5

423	Electrocardiographic T-wave peak-to-end interval for hypoglycaemia detection. <b>2010</b> , 2010, 618-21		7
422	The combined ion channel blocker AZD1305 attenuates late Na current and IKr-induced action potential prolongation and repolarization instability. <b>2010</b> , 12, 1003-10		11
421	Relationship of common candidate gene variants to electrocardiographic T-wave peak to T-wave end interval and T-wave morphology parameters. <i>Heart Rhythm</i> , <b>2010</b> , 7, 898-903	6.7	19
420	Fragmented QRS is associated with torsades de pointes in patients with acquired long QT syndrome. <i>Heart Rhythm</i> , <b>2010</b> , 7, 1808-14	6.7	38
419	J-wave syndromes caused by repolarization or depolarization mechanisms a debated issue among experimental and clinical electrophysiologists. <b>2010</b> , 55, 798-800		27
418	Minimizing repolarization-related proarrhythmic risk in drug development and clinical practice. <b>2010</b> , 70, 573-603		52
417	Effect of activation sequence on transmural patterns of repolarization and action potential duration in rabbit ventricular myocardium. <b>2010</b> , 299, H1812-22		36
416	Left ventricular hypertrophy amplifies the QT, and Tp-e intervals and the Tp-e/ QT ratio of left chest ECG. <b>2010</b> , 24, 69-72		20
415	Trimetazidine shortens QTc interval in patients with ischemic heart failure. <b>2010</b> , 15, 31-6		10
414	Genetic variants and ECG pattern variability in long QT syndrome: how far are we?. <i>Heart Rhythm</i> , <b>2010</b> , 7, 904-5	6.7	1
413	An estimate of the dispersion of repolarization times based on a biophysical model of the ECG. <b>2011</b> , 58, 3396-405		23
412	Resolving the M-cell debate: why and how. <i>Heart Rhythm</i> , <b>2011</b> , 8, 1293-5	6.7	20
411	Counterpoint: M cells do not have a functional role in the ventricular myocardium of the intact heart. <i>Heart Rhythm</i> , <b>2011</b> , 8, 934-7	6.7	25
410	Les rēntrēs. <b>2011</b> , 3, 207-216		
409	Air pollution and repolarization heterogeneity: more impetus for alternative energy. <b>2011</b> , 57, 207-9		
408	The effect of air pollution on spatial dispersion of myocardial repolarization in healthy human volunteers. <b>2011</b> , 57, 198-206		29
407	The role of HCN channels in ventricular repolarization. <b>2011</b> , 21, 216-20		13
406	Assessing QT interval prolongation and its associated risks with antipsychotics. <b>2011</b> , 25, 473-90		100

405 Anatomic and Electrophysiologic Basis. **2011**, 29-58

404 Electrophysiologic Mechanisms. **2011**, 59-91

403 Active Ventricular Arrhythmias. **2011**, 181-229

402 Comparison of QT peak and QT end interval responses to autonomic adaptation in asymptomatic LQT1 mutation carriers. **2011**, 31, 209-14 5

401 Modulation of the late sodium current by ATX-II and ranolazine affects the reverse use-dependence and proarrhythmic liability of IKr blockade. **2011**, 164, 308-16 28

400 Eblockers protect against dispersion of repolarization during exercise in congenital long-QT syndrome type 1. *Journal of Cardiovascular Electrophysiology*, **2011**, 22, 1141-6 2.7 17

399 Epinephrine bolus test in detecting long QT syndrome mutation carriers with indeterminable electrocardiographic phenotype. *Annals of Noninvasive Electrocardiology*, **2011**, 16, 172-9 1.5 5

398 Myocardial contraction and long QT syndrome. **2011**, 21, 65-9 5

397 Electrocardiographic estimates of action potential durations and transmural repolarization time gradients in healthy subjects and in acute coronary syndrome patients--profound differences by sex and by presence vs absence of diagnostic ST elevation. **2011**, 44, 309-19 18

396 Assessment of repolarization heterogeneity for prediction of mortality in cardiovascular disease: peak to the end of the T wave interval and nondipolar repolarization components. **2011**, 44, 301-8 112

395 Cardiac repolarization instability during psychological stress in patients with ventricular arrhythmias. **2011**, 44, 678-83 13

394 Repolarization heterogeneity and rate dependency in a canine rapid pacing model of heart failure. **2011**, 44, 730-5 4

393 Electrocardiographic estimates of regional action potential durations and repolarization time subintervals reveal ischemia-induced abnormalities in acute coronary syndrome not evident from global QT. **2011**, 44, 718-24 13

392 Effects of the antiarrhythmic drug dofetilide on transmural dispersion of repolarization in ventriculum. A computer modeling study. **2011**, 58, 43-53 15

391 Quantification of restitution dispersion from the dynamic changes of the T-wave peak to end, measured at the surface ECG. **2011**, 58, 1172-82 34

390 Keeping the rhythm -- pro-arrhythmic investigations in isolated Göttingen minipig hearts. **2011**, 64, 134-44 8

389 The contribution of ventricular apicobasal and transmural repolarization patterns to the development of the T wave body surface potentials in frogs (*Rana temporaria*) and pike (*Esox lucius*). **2011**, 159, 39-45 11

388 Prolonged Tpeak-to-tend interval on the resting ECG is associated with increased risk of sudden cardiac death. **2011**, 4, 441-7 276

- 387 Sudden cardiac arrest without overt heart disease. *Circulation*, **2011**, 123, 2994-3008 16.7 43
- 386 QT dispersion measured by automatic computerized 12-lead electrocardiography contributes significantly to detection of left ventricular hypertrophy in Japanese patients. **2011**, 39, 51-63
- 385 Transmural and apicobasal gradients in repolarization contribute to T-wave genesis in human surface ECG. **2011**, 301, H200-8 41
- 384 HCN3 contributes to the ventricular action potential waveform in the murine heart. **2011**, 109, 1015-23 52
- 383 . **2011**,
- 382 Effect of dietary omega-3 fatty acids on the heart rate and the heart rate variability responses to myocardial ischemia or submaximal exercise. **2011**, 300, H2288-99 23
- 381 In vitro cardiovascular effects of dihydroartemisin-piperaquine combination compared with other antimalarials. **2012**, 56, 3261-70 40
- 380 Diastolic electromechanical coupling: association of the ECG T-peak to T-end interval with echocardiographic markers of diastolic dysfunction. **2012**, 5, 537-43 44
- 379 Clinical and genetic determinants of torsade de pointes risk. *Circulation*, **2012**, 125, 1684-94 16.7 61
- 378 Phenotype variability in patients carrying KCNJ2 mutations. **2012**, 5, 344-53 62
- 377 Noninvasive evaluation of contractile behavior of cardiomyocyte monolayers based on motion vector analysis. **2012**, 18, 21-32 49
- 376 The effects of continuous positive airway pressure therapy withdrawal on cardiac repolarization: data from a randomized controlled trial. **2012**, 33, 2206-12 50
- 375 Novel indexes of heterogeneity of ventricular repolarization in subjects with early repolarization pattern. **2012**, 14, 877-81 25
- 374 Relationships between the T-peak to T-end interval, ventricular tachyarrhythmia, and death in left ventricular systolic dysfunction. **2012**, 14, 1172-9 50
- 373 Beneficial cardiac effects of cicletanine in conscious rabbits with metabolic syndrome. **2012**, 60, 208-18 3
- 372 Dofetilide promotes repolarization abnormalities in perfused Guinea-pig heart. **2012**, 26, 489-500 15
- 371 A common variant near the KCNJ2 gene is associated with T-peak to T-end interval. *Heart Rhythm*, **2012**, 9, 1099-103 6.7 8
- 370 The peak-to-end of the T wave in the limb ECG leads reflects total spatial rather than transmural dispersion of ventricular repolarization in an anthopleurin-A model of prolonged QT interval. *Heart Rhythm*, **2012**, 9, 796-803 6.7 16

- 369 Descripci3n de la utilizaci3n de cu3bs ventriculares aisladas de coraz3n canino en el laboratorio de electrofisiolog3a experimental. **2012**, 47, 127-129
- 368 In silico cardiac risk assessment in patients with long QT syndrome: type 1: clinical predictability of cardiac models. **2012**, 60, 2182-91 19
- 367 Repolarization gradients in the intact heart: transmural or apico-basal?. **2012**, 109, 6-15 46
- 366 Endurance exercise training normalizes repolarization and calcium-handling abnormalities, preventing ventricular fibrillation in a model of sudden cardiac death. **2012**, 113, 1772-83 19
- 365 Carvedilol suppresses ventricular arrhythmia in a pressure over-load rabbit model through relieving transmural dispersion of repolarization with long-term administration. **2012**, 27, 198-209 1
- 364 T-wave morphology after epinephrine bolus may reveal silent long QT syndrome mutation carriers. **2012**, 45, 368-372 6
- 363 T-wave inversion and diastolic dysfunction in patients with electrocardiographic left ventricular hypertrophy. **2012**, 45, 764-9 7
- 362 Increase in Tpeak-Tend interval induced by cardiac resynchronization therapy is a predictor of ventricular tachyarrhythmia. **2012**, 28, 219-224 2
- 361 P-wave parameters and cardiac repolarization indices: does menopausal status matter?. **2012**, 60, 333-7 8
- 360 The isolated ventricular wedge preparation: a valid proof of relevance. *Heart Rhythm*, **2012**, 9, 1716-7 6.7 1
- 359 Differentiating electrophysiological effects and cardiac safety of drugs based on the electrocardiogram: a blinded validation. *Heart Rhythm*, **2012**, 9, 1706-15 6.7 16
- 358 Impact Analysis of Solutions for Chronic Disease Prevention and Management. **2012**, 3
- 357 9.14 From Genes and Molecules to Organs and Organisms: Heart. **2012**, 268-327 16
- 356 Effect of dietary omega-3 polyunsaturated Fatty acids on heart rate and heart rate variability in animals susceptible or resistant to ventricular fibrillation. **2012**, 3, 71 13
- 355 [Drug-induced long QT syndrome. Relevancy in intensive care medicine]. **2012**, 107, 197, 200-5 1
- 354 Electrocardiographic signals and swarm-based support vector machine for hypoglycemia detection. **2012**, 40, 934-45 45
- 353 Value of electrocardiogram in the differentiation of hypertensive heart disease, hypertrophic cardiomyopathy, aortic stenosis, amyloidosis, and Fabry disease. **2012**, 109, 587-93 31
- 352 Tp-e interval, Tp-e/QT ratio, and Tp-e/QTc ratio are prolonged in patients with moderate and severe obstructive sleep apnea. **2012**, 35, 966-72 54

351	Enhanced transmural dispersion of repolarization in patients with J wave syndromes. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2012</b> , 23, 1109-14	2.7	21
350	The role of acute hyperinsulinemia in the development of cardiac arrhythmias. <b>2013</b> , 386, 435-44		4
349	Effects of deformation on transmural dispersion of repolarization using in silico models of human left ventricular wedge. <b>2013</b> , 29, 1323-37		19
348	Electrocardiographic predictors of incident heart failure in men and women free from manifest cardiovascular disease (from the Atherosclerosis Risk in Communities [ARIC] study). <b>2013</b> , 112, 843-9		14
347	Aldosterone induces electrical remodeling independent of hypertension. <i>International Journal of Cardiology</i> , <b>2013</b> , 164, 170-8	3.2	27
346	What does the T(peak)-T(end) interval reflect? An experimental and model study. <b>2013</b> , 46, 296.e1-8		37
345	KN-93, A CaMKII inhibitor, suppresses ventricular arrhythmia induced by LQT2 without decreasing TDR. <b>2013</b> , 33, 636-639		3
344	The complexities of resynchronizing scar. <b>2013</b> , 20, 966-8		1
343	Quantifying the origins of population variability in cardiac electrical activity through sensitivity analysis of the electrocardiogram. <b>2013</b> , 591, 4207-22		15
342	Optical and electrical recordings from isolated coronary-perfused ventricular wedge preparations. <b>2013</b> , 54, 53-64		40
341	The effects of simulated obstructive apnea and hypopnea on arrhythmic potential in healthy subjects. <i>European Journal of Applied Physiology</i> , <b>2013</b> , 113, 489-96	3.4	25
340	Sex differences in cardiac autonomic regulation and in repolarisation electrocardiography. <b>2013</b> , 465, 699-717		29
339	Potential pro-arrhythmic effect of cardiac resynchronization therapy. <b>2013</b> , 25, 181-9		5
338	A new marker for myocardial injury in carbon monoxide poisoning: T peak-T end. <b>2013</b> , 31, 1651-5		15
337	Polymorphic ventricular tachycardia--part II: the channelopathies. <b>2013</b> , 38, 503-48		5
336	Phenotypic characterization of a family with long QT syndrome 13: a different type of variable penetrance. <i>Heart Rhythm</i> , <b>2013</b> , 10, 1507-8	6.7	
335	The phenotype characteristics of type 13 long QT syndrome with mutation in KCNJ5 (Kir3.4-G387R). <i>Heart Rhythm</i> , <b>2013</b> , 10, 1500-6	6.7	18
334	QT Variability Index. <b>2013</b> , 56, 186-94		35

333	Polymorphic ventricular tachycardia-part I: structural heart disease and acquired causes. <b>2013</b> , 38, 463-96		7
332	Some theoretical results on the observability of repolarization heterogeneity on surface ECG. <b>2013</b> , 46, 270-5		6
331	L539fs/47, a truncated mutation of human ether-a-go-go-related gene (hERG), decreases hERG ion channel currents in HEK 293 cells. <b>2013</b> , 40, 28-36		7
330	QT interval abnormalities: risk factors and perioperative management in long QT syndromes and Torsades de Pointes. <b>2013</b> , 27, 575-87		14
329	The relationship between left ventricular scar and ventricular repolarization in patients with coronary artery disease: insights from late gadolinium enhancement magnetic resonance imaging. <b>2013</b> , 15, 899-906		11
328	Electrocardiographic predictors of coronary heart disease and sudden cardiac deaths in men and women free from cardiovascular disease in the Atherosclerosis Risk in Communities study. <b>2013</b> , 2, e000061		21
327	Prognostic value of T peak-to-end interval for risk stratification after acute myocardial infarction. <b>2014</b> , 2, 19-27		3
326	Prospective evaluation of two novel ECG-based restitution biomarkers for prediction of sudden cardiac death risk in ischaemic cardiomyopathy. <i>Heart</i> , <b>2014</b> , 100, 1878-85	5.1	23
325	A new method of building permanent A-V block model: ablating his-bundle potential through femoral artery with pre-implanted biventricular pacemaker. <b>2014</b> , 14, 164		
324	Alterations of Blood Pressure and ECG following Two-Week Consumption of Berberis integerrima Fruit Extract. <b>2014</b> , 2014, 209683		6
323	Mathematical Cardiac Electrophysiology. <b>2014</b> ,		60
322	Electrophysiologic substrate in congenital Long QT syndrome: noninvasive mapping with electrocardiographic imaging (ECGI). <i>Circulation</i> , <b>2014</b> , 130, 1936-1943	16.7	57
321	Multiscale cardiac modelling reveals the origins of notched T waves in long QT syndrome type 2. <b>2014</b> , 5, 5069		34
320	QTc prolongation and ventricular premature complexes secondary to insulin-induced hypoglycemia in a diabetic patient. <b>2014</b> , 3, 79-81		1
319	Influence of the Purkinje-muscle junction on transmural repolarization heterogeneity. <b>2014</b> , 103, 629-40		24
318	Spatial and transmural repolarization, and dispersion of repolarization and late potentials evaluated using signal-averaged vector-projected 187-channel high-resolution electrocardiogram in Brugada syndrome. <b>2014</b> , 30, 433-438		1
317	Effects of different ventricular pacing modes on ventricular repolarisation in patients undergoing cardiac resynchronisation therapy: a single-centre study. <b>2014</b> , 23, 644-8		1
316	Evaluation of ventricular repolarization dispersion during acute myocardial ischemia: spatial and temporal ECG indices. <b>2014</b> , 52, 375-91		13

315	Impact of anaesthetic drugs and adjuvants on ECG markers of torsadogenicity. <b>2014</b> , 112, 217-30		72
314	Usefulness of T(peak) -T(end) interval to distinguish arrhythmogenic right ventricular cardiomyopathy from idiopathic right ventricular outflow tract tachycardia. <b>2014</b> , 37, 1665-70		7
313	Noninvasively diagnosing coronary artery disease with 61-channel MCG data. <b>2014</b> , 59, 1123-1128		3
312	Negative T wave in ischemic heart disease: a consensus article. <i>Annals of Noninvasive Electrocardiology</i> , <b>2014</b> , 19, 426-41	1.5	21
311	Electrocardiographic T wave and its relation with ventricular repolarization along major anatomical axes. <b>2014</b> , 7, 524-31		43
310	The effect of NADP+ on cardiomyocyte electrophysiological properties of C57BL/6 and mdx mice. <b>2014</b> , 8, 160-165		
309	Relationship between repolarization heterogeneity and abnormal myocardial mechanics. <i>International Journal of Cardiology</i> , <b>2014</b> , 172, 289-91	3.2	14
308	The pattern of Tpeak-Tend and QT interval, and J wave during therapeutic hypothermia. <b>2014</b> , 47, 84-92		15
307	Electrocardiographic markers of repolarization heterogeneity during dofetilide or sotalolol initiation for paroxysmal atrial fibrillation. <b>2014</b> , 113, 2030-5		3
306	Reverse electric remodeling after cardiac resynchronization therapy and relation to clinical and echocardiographic outcomes. <b>2014</b> , 66, 343-350		0
305	Short-term repeatability of electrocardiographic Tpeak-Tend and QT intervals. <b>2014</b> , 47, 356-61		10
304	The safety of modern anesthesia for children with long QT syndrome. <b>2014</b> , 119, 932-938		16
303	Dependence of phase-2 reentry and repolarization dispersion on epicardial and transmural ionic heterogeneity: a simulation study. <b>2014</b> , 16, 458-65		13
302	The QTc effect of low-dose methadone for chronic pain: a prospective pilot study. <b>2015</b> , 16, 1112-21		12
301	Ion Channels in the Heart. <b>2015</b> , 5, 1423-64		93
300	Negative effects of acute sleep deprivation on left ventricular functions and cardiac repolarization in healthy young adults. <b>2015</b> , 38, 713-22		13
299	Dynamic changes of repolarization abnormalities in takotsubo cardiomyopathy. <b>2015</b> , 70, 225-32		11
298	Changes in QTc associated with a rapid bolus dose of dexmedetomidine in patients receiving TIVA: a retrospective study. <b>2015</b> , 25, 1287-93		11



297	Electrocardiographic T Wave Abnormalities and the Risk of Sudden Cardiac Death: The Finnish Perspective. <i>Annals of Noninvasive Electrocardiology</i> , <b>2015</b> , 20, 526-33	1.5	7
296	Ventricular repolarization markers for predicting malignant arrhythmias in clinical practice. <b>2015</b> , 3, 705-20		75
295	Evaluation of Melissa officinalis (Lemon Balm) Effects on Heart Electrical System. <b>2015</b> , 4, e27013		11
294	T-peak to T-end interval for prediction of ventricular tachyarrhythmia and mortality in a primary prevention population with systolic cardiomyopathy. <i>Heart Rhythm</i> , <b>2015</b> , 12, 1789-97	6.7	38
293	Pathogenesis of the Novel Autoimmune-Associated Long-QT Syndrome. <i>Circulation</i> , <b>2015</b> , 132, 230-40	16.7	49
292	Effects of L-type calcium channel and human ether-a-go-go related gene blockers on the electrical activity of the human heart: a simulation study. <b>2015</b> , 17, 326-33		18
291	Electrocardiographic Predictors of Torsadogenic Risk During Dofetilide or Sotalol Initiation: Utility of a Novel T Wave Analysis Program. <b>2015</b> , 29, 433-41		15
290	A step toward "electrocardiology"? <b>2015</b> , 48, 19-20		
289	Prolonged Tpeak-end and Tpeak-end/QT ratio as predictors of malignant ventricular arrhythmias in the acute phase of ST-segment elevation myocardial infarction: a prospective case-control study. <i>Heart Rhythm</i> , <b>2015</b> , 12, 484-489	6.7	28
288	Effects of sevoflurane or ketamine on the QTc interval during electroconvulsive therapy. <b>2015</b> , 29, 180-5		18
287	Relationship between Neurocardiogenic Syncope and Ventricular Repolarization. <b>2015</b> , 38, 625-9		5
286	Principles of Safety Pharmacology. <b>2015</b> ,		1
285	Myocardial electrotonic response to submaximal exercise in dogs with healed myocardial infarctions: evidence for $\beta$ -adrenoceptor mediated enhanced coupling during exercise testing. <b>2015</b> , 6, 25		3
284	Action potential duration gradients in the heart ventricles and the cardiac electric field during ventricular repolarization (a model study). <b>2015</b> , 48, 678-85		6
283	Interventricular dispersion in repolarization causes bifid T waves in dogs with dofetilide-induced long QT syndrome. <i>Heart Rhythm</i> , <b>2015</b> , 12, 1343-51	6.7	10
282	Increased Tpeak-Tend interval is highly and independently related to arrhythmic events in Brugada syndrome. <i>Heart Rhythm</i> , <b>2015</b> , 12, 2469-76	6.7	62
281	Quantification of ventricular repolarization heterogeneity during moxifloxacin or sotalol administration using [Formula: see text]-index. <b>2015</b> , 36, 803-11		5
280	Diagnostic value of T-wave morphology changes during "QT stretching" in patients with long QT syndrome. <i>Heart Rhythm</i> , <b>2015</b> , 12, 2263-71	6.7	28

279	New markers for ventricular repolarization in coronary slow flow: Tp-e interval, Tp-e/QT ratio, and Tp-e/QTc ratio. <i>Annals of Noninvasive Electrocardiology</i> , <b>2015</b> , 20, 338-44	1.5	19
278	High level of oxygen treatment causes cardiotoxicity with arrhythmias and redox modulation. <b>2015</b> , 282, 100-7		22
277	The T-peak-T-end interval as a marker of repolarization abnormality: a comparison with the QT interval for five different drugs. <b>2015</b> , 35, 717-24		12
276	Sudden Cardiac Death and Disorders of the QT Interval: Anesthetic Implications and Focus on Perioperative Management. <b>2015</b> , 29, 1723-33		13
275	Immediate electrical storm of Torsades de Pointes after CRT-D implantation in an ischemic cardiomyopathy patient. <b>2015</b> , 31, 177-9		6
274	Effects of droperidol and ondansetron on dispersion of ventricular repolarization: A randomized double-blind clinical study in anesthetized adult patients. <b>2015</b> , 62, 495-501		6
273	Effects of droperidol and ondansetron on dispersion of ventricular repolarization: A randomized double-blind clinical study in anesthetized adult patients. <b>2015</b> , 62, 495-501		
272	ECG-based estimation of dispersion of APD restitution as a tool to stratify sotalol-induced arrhythmic risk. <b>2015</b> , 48, 867-73		7
271	Sympathetic nerve stimulation, not circulating norepinephrine, modulates T-peak to T-end interval by increasing global dispersion of repolarization. <b>2015</b> , 8, 174-85		71
270	Noninvasive potassium determination using a mathematically processed ECG: proof of concept for a novel "blood-less, blood test". <b>2015</b> , 48, 12-8		26
269	Electrocardiographic predictors of bradycardia-induced torsades de pointes in patients with acquired atrioventricular block. <i>Heart Rhythm</i> , <b>2015</b> , 12, 498-505	6.7	16
268	Acute and Chronic Changes and Predictive Value of Tpeak-Tend for Ventricular Arrhythmia Risk in Cardiac Resynchronization Therapy Patients. <b>2016</b> , 129, 2204-11		5
267	Ventricular stimulus site influences dynamic dispersion of repolarization in the intact human heart. <b>2016</b> , 311, H545-54		15
266	Protective Effects of Carvedilol and Vitamin C against Azithromycin-Induced Cardiotoxicity in Rats via Decreasing ROS, IL1- $\beta$ and TNF- $\beta$ Production and Inhibiting NF- $\kappa$ B and Caspase-3 Expression. <b>2016</b> , 2016, 1874762		23
265	Repolarization Heterogeneity: Beyond the QT Interval. <b>2016</b> , 5,		38
264	Numerical simulation of electrocardiograms for full cardiac cycles in healthy and pathological conditions. <b>2016</b> , 32, e02744		7
263	Novel Bloodless Potassium Determination Using a Signal-Processed Single-Lead ECG. <b>2016</b> , 5,		31
262	Cardiac repolarization in recently postmenopausal women with or without hot flashes. <b>2016</b> , 23, 528-34		5

261	Predicting the Unpredictable: Drug-Induced QT Prolongation and Torsades de Pointes. <b>2016</b> , 67, 1639-1650		152
260	New in vitro model for proarrhythmia safety screening: IKs inhibition potentiates the QTc prolonging effect of IKr inhibitors in isolated guinea pig hearts. <b>2016</b> , 80, 26-34		5
259	Ventricular fibrillation: triggers, mechanisms and therapies. <b>2016</b> , 12, 373-90		10
258	Tpeak-to-Tend interval corrected for heart rate: A more precise measure of increased sudden death risk?. <i>Heart Rhythm</i> , <b>2016</b> , 13, 2181-2185	6.7	28
257	Effects of remifentanyl, nitroglycerin, and sevoflurane on the corrected QT and Tp-e intervals during controlled hypotensive anesthesia. <b>2016</b> , 33, 365-72		5
256	Identification of Concealed and Manifest Long QT Syndrome Using a Novel T Wave Analysis Program. <b>2016</b> , 9,		9
255	Spontaneous initiation of premature ventricular complexes and arrhythmias in type 2 long QT syndrome. <b>2016</b> , 311, H1470-H1484		22
254	Gradient-induced voltages on 12-lead ECGs during high duty-cycle MRI sequences and a method for their removal considering linear and concomitant gradient terms. <b>2016</b> , 75, 2204-16		9
253	Electrocardiographic P-Wave Duration, QT Interval, T Peak to End Interval and Tp-e/QT Ratio in Pregnancy with Respect to Trimesters. <i>Annals of Noninvasive Electrocardiology</i> , <b>2016</b> , 21, 169-74	1.5	17
252	Microvolt T-wave alternans amplifies spatial dispersion of repolarization in human subjects with ischemic cardiomyopathy. <b>2016</b> , 49, 733-9		
251	Systemic inflammation and arrhythmic risk: lessons from rheumatoid arthritis. <b>2017</b> , 38, 1717-1727		140
250	Potassium Channel Block and Novel Autoimmune-Associated Long QT Syndrome. <b>2016</b> , 8, 373-84		22
249	How to determine cardiac ion channels targeted by drugs using the isolated rabbit ventricular wedge model. <b>2016</b> , 81, 161-70		5
248	Prolonged Tp-e Interval and Tp-e/QT Ratio in Children with Mitral Valve Prolapse. <i>Pediatric Cardiology</i> , <b>2016</b> , 37, 1169-74	2.1	8
247	Effects of Domperidone on QT Interval in Children with Gastroesophageal Reflux Disease. <b>2016</b> , 57, 60-4		11
246	Electrocardiographic Tpeak to Tend interval: The short and long of it. <i>Heart Rhythm</i> , <b>2016</b> , 13, 925-6	6.7	1
245	Transmural, interventricular, apicobasal and anteroposterior action potential duration gradients are all essential to the genesis of the concordant and realistic T wave: A whole-heart model study. <b>2016</b> , 49, 569-78		1
244	A Tale of 2 Diseases: The History of Long-QT Syndrome and Brugada Syndrome. <b>2016</b> , 67, 100-8		34

243	Tpeak-to-Tend/QT is an independent predictor of early ventricular arrhythmias and arrhythmic death in anterior ST elevation myocardial infarction patients. <b>2016</b> , 5, 473-480		18
242	Tp-e Interval, Tp-e/QTc Ratio, and Fragmented QRS Are Correlated with the Severity of Liver Cirrhosis. <i>Annals of Noninvasive Electrocardiology</i> , <b>2017</b> , 22,	1.5	8
241	Analysis of ECG Measures of Cardiac Repolarization in Relation to Arrhythmic Events in an Implantable Cardioverter Defibrillator Population. <i>Annals of Noninvasive Electrocardiology</i> , <b>2017</b> , 22,	1.5	3
240	Electrocardiography. <b>2017</b> , 537-601		
239	Minimal T-wave representation and its use in the assessment of drug arrhythmogenicity. <i>Annals of Noninvasive Electrocardiology</i> , <b>2017</b> , 22,	1.5	2
238	Low Iron Stores in Otherwise Healthy Children Affect Electrocardiographic Markers of Important Cardiac Events. <i>Pediatric Cardiology</i> , <b>2017</b> , 38, 909-914	2.1	4
237	Noninvasive quantification of blood potassium concentration from ECG in hemodialysis patients. <b>2017</b> , 7, 42492		16
236	Evaluation of Tp-e interval, Tp-e/QT ratio and Tp-e/QTc ratio in patients with subclinical hypothyroidism. <b>2017</b> , 8, 25-32		10
235	Translational science approach for assessment of cardiovascular effects and proarrhythmic potential of the beta-3 adrenergic agonist mirabegron. <b>2017</b> , 87, 74-81		10
234	Synergistic Effect of Dofetilide and Mexiletine on Prevention of Atrial Fibrillation. <b>2017</b> , 6,		5
233	Tracking interlead heterogeneity of R- and T-wave morphology to disclose latent risk for sudden cardiac death. <i>Heart Rhythm</i> , <b>2017</b> , 14, 1466-1475	6.7	21
232	Differences in Repolarization Heterogeneity Among Heart Failure With Preserved Ejection Fraction Phenotypic Subgroups. <b>2017</b> , 120, 601-606		10
231	The relation between local repolarization and T-wave morphology in heart failure patients. <i>International Journal of Cardiology</i> , <b>2017</b> , 241, 270-276	3.2	4
230	Murine Electrophysiological Models of Cardiac Arrhythmogenesis. <b>2017</b> , 97, 283-409		66
229	Sudden cardiac death in a dog during Holter recording-R on T phenomenon. <b>2017</b> , 19, 455-461		8
228	Association Between QT-Interval Components and Sudden Cardiac Death: The ARIC Study (Atherosclerosis Risk in Communities). <b>2017</b> , 10,		41
227	Risk Stratification for Sudden Cardiac Death in Individuals Without Structural Disease: Implications From Studies of Rare Genetic Arrhythmic Disorders. <b>2017</b> , 10,		3
226	ST-Elevation Magnitude Correlates With Right Ventricular Outflow Tract Conduction Delay in Type I Brugada ECG. <b>2017</b> , 10,		10

225	Electrocardiographic Markers of Appropriate Implantable Cardioverter-Defibrillator Therapy in Young People with Congenital Heart Diseases. <i>Pediatric Cardiology</i> , <b>2017</b> , 38, 1663-1671	2.1	2
224	Anatomic and Electrophysiologic Basis. <b>2017</b> , 27-52		
223	Electrophysiologic Mechanisms. <b>2017</b> , 53-82		
222	Active Ventricular Arrhythmias. <b>2017</b> , 165-208		
221	Vasomotor hot flashes and cardiac repolarization: a randomized placebo-controlled trial of postmenopausal hormone therapy. <b>2017</b> , 24, 1386-1391		
220	Architectural T-Wave Analysis and Identification of On-Therapy Breakthrough Arrhythmic Risk in Type 1 and Type 2 Long-QT Syndrome. <b>2017</b> , 10,		4
219	Tpeak-Tend as a predictor of ventricular arrhythmogenesis. <i>International Journal of Cardiology</i> , <b>2017</b> , 249, 75-76	3.2	9
218	Effects of island-distribution of mid-cardiomyocytes on ventricular electrical excitation associated with the KCNQ1-linked short QT syndrome. <b>2017</b> , 2017, 3684-3687		2
217	Tpeak-Tend dispersion as a predictor for malignant arrhythmia events in patients with vasospastic angina. <i>International Journal of Cardiology</i> , <b>2017</b> , 249, 61-65	3.2	11
216	Response of Robyns to the Tse's letter to editor. <i>Annals of Noninvasive Electrocardiology</i> , <b>2017</b> , 22,	1.5	2
215	A New Wavelet-Based ECG Delineator for the Evaluation of the Ventricular Innervation. <b>2017</b> , 5, 2000215		21
214	Echocardiography and Electrocardiography Variables Correlate With the New York Heart Association classification: An Observational Study of Ischemic Cardiomyopathy Patients. <b>2017</b> , 96, e7071		3
213	Sevoflurane prolonged the QTc interval and increased transmural dispersion of repolarization in a patient with long QT syndrome 3: a case report. <b>2017</b> , 3, 29		1
212	Interregional electro-mechanical heterogeneity in the rabbit myocardium. <b>2017</b> , 130, 344-355		2
211	Electrocardiographic Impact of Myocardial Diffuse Fibrosis and Scar: MESA (Multi-Ethnic Study of Atherosclerosis). <b>2017</b> , 282, 690-698		17
210	Modeling hypothermia induced effects for the heterogeneous ventricular tissue from cellular level to the impact on the ECG. <b>2017</b> , 12, e0182979		3
209	Predictive Toxicology: Latest Scientific Developments and Their Application in Safety Assessment. <b>2017</b> , 94-115		2
208	Prognostic Significance of QT Interval Dispersion in the Response to Intravenous Immunoglobulin Therapy in Kawasaki Disease. <b>2017</b> , 81, 537-542		7

207	A review of asthma and immunologic mathematical models. <b>2017</b> , 5, 123		
206	Association of Increased Tpeak-to-end/QT ratio with Malignant Ventricular Arrhythmias in Acute Anterior ST-Segment Elevation Myocardial Infarction. <b>2017</b> , 32, 10-17		
205	Meta-analysis of T-T and T-T/QT ratio for risk stratification in congenital long QT syndrome. <b>2018</b> , 51, 396-401		17
204	Prolonged T-wave peak-end interval in Down syndrome patients with congenitally normal hearts. <i>Pediatrics International</i> , <b>2018</b> , 60, 513-516	1.2	3
203	Hyperoxia-induced cardiotoxicity and ventricular remodeling in type-II diabetes mice. <b>2018</b> , 33, 561-572		7
202	Progressive increase of the Tpeak-Tend interval is associated with ischaemia-induced ventricular fibrillation in a porcine myocardial infarction model. <b>2018</b> , 20, 880-886		8
201	2017 AHA/ACC/HRS guideline for management of patients with ventricular arrhythmias and the prevention of sudden cardiac death: A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice Guidelines and the Heart Rhythm Society. <i>Heart Rhythm</i> , <b>2018</b> , 15, e73-e189	6.7	151
200	Iatrogenic QT Prolongation. <b>2018</b> , 383-418		
199	T-T, T-T/QT ratio and T-T dispersion for risk stratification in Brugada Syndrome: A systematic review and meta-analysis. <b>2018</b> , 34, 587-597		19
198	Ventricular Repolarization of the Heart of Cross-country Skiers at Different Stages of the Annual Training Cycle. <b>2018</b> , 44, 549-555		
197	T-Wave Indices and Atherosclerosis. <b>2018</b> , 20, 55		1
196	2017 AHA/ACC/HRS Guideline for Management of Patients With Ventricular Arrhythmias and the Prevention of Sudden Cardiac Death: A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice Guidelines and the Heart Rhythm Society. <b>2018</b> , 70, e147-e304		411
195	Arrhythmogenic drugs can amplify spatial heterogeneities in the electrical restitution in perfused guinea-pig heart: An evidence from assessments of monophasic action potential durations and JT intervals. <b>2018</b> , 13, e0191514		2
194	Multi-lead vs single-lead T-T interval measurements for prediction of reperfusion ventricular tachyarrhythmias. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2019</b> , 30, 2090-2097	2.7	3
193	Electrophysiological characterization of drug response in hSC-derived cardiomyocytes using voltage-sensitive optical platforms. <b>2019</b> , 99, 106612		16
192	Polymorphic Wide QRS Complex Tachycardia: Differential Diagnosis. <b>2019</b> , 11, 333-344		3
191	Changes on the electrocardiogram in anorexia nervosa: A case control study. <b>2019</b> , 56, 64-69		3
190	Prolonged T-T interval is a risk factor for sudden cardiac death in adults with congenital heart disease. <b>2019</b> , 14, 952-957		8

189	Update on long QT syndrome. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2019</b> , 30, 3068-3078	2.7	21
188	Evaluation of Tp-e interval, Tp-e/QT ratio and Tp-e/QTc ratio in patients with acute myocarditis. <b>2019</b> , 19, 232		16
187	Tpeak-tend interval as a marker of arrhythmic risk in early repolarization syndrome. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2019</b> , 30, 2106-2107	2.7	2
186	The QT Interval Dynamic in a Human Experimental Model of Controlled Heart Rate and QRS Widening. <b>2019</b> , 8,		1
185	Evaluation of ventricular repolarization parameters during migraine attacks. <b>2019</b> , 53, 66-70		6
184	Variation of Electrocardiogram Features Across Sleep Stages in Healthy Controls and in Patients with Sleep Apnea Hypopnea Syndrome. <b>2019</b> , 60, 121-128		4
183	Ventricular repolarization changes in children with breath holding spells. <b>2019</b> , 55, 116-119		4
182	Repolarization variability independent of heart rate during sympathetic activation elicited by head-up tilt. <b>2019</b> , 57, 1753-1762		7
181	The relationship between myocardial fibrosis detected by cardiac magnetic resonance and Tp-e interval, 5-year sudden cardiac death risk score in hypertrophic cardiomyopathy patients. <i>Annals of Noninvasive Electrocardiology</i> , <b>2019</b> , 24, e12672	1.5	2
180	Bupivacaine Toxicity Increases Transmural Dispersion of Repolarization, Developing of a Brugada-like Pattern and Ventricular Arrhythmias, Which is Reversed by Lipid Emulsion Administration. Study in an Experimental Porcine Model. <b>2019</b> , 19, 432-440		3
179	Evaluation of myocardial dispersion of repolarization in patients with heart transplantation. <b>2019</b> , 49, 212-216		
178	Predictive value of Tpeak-Tend interval for ventricular arrhythmia and mortality in heart failure patients with an implantable cardioverter-defibrillator: A cohort study. <b>2019</b> , 98, e18080		3
177	Effects of Dexmedetomidine on Myocardial Repolarization in Children Undergoing General Anesthesia: A Randomized Controlled Trial. <b>2019</b> , 129, 1100-1108		3
176	Differences in the upslope of the precordial body surface ECG T wave reflect right to left dispersion of repolarization in the intact human heart. <i>Heart Rhythm</i> , <b>2019</b> , 16, 943-951	6.7	19
175	Bifid T waves on the ECG and genetic variation in calcium channel voltage-dependent beta 2 subunit gene (CACNB2) in acute Kawasaki disease. <b>2019</b> , 14, 213-220		3
174	Tpeak-Tend interval as a marker of arrhythmic risk. <i>Heart Rhythm</i> , <b>2019</b> , 16, 954-955	6.7	14
173	Prolonged T-T interval is associated with ventricular fibrillation during reperfusion in ST-elevation myocardial infarction. <i>International Journal of Cardiology</i> , <b>2019</b> , 280, 80-83	3.2	11
172	Evaluation of electrocardiographic ventricular repolarization parameters in extreme obesity. <b>2019</b> , 53, 36-39		9

171	Electrocardiographic manifestations in severe hypokalemia. <b>2020</b> , 48, 300060518811058		3
170	Diabetic microvascular complications associated with myocardial repolarization heterogeneity evaluated by Tp-e interval and Tp-e/QTc ratio. <b>2020</b> , 34, 107726		1
169	Electrophysiological changes during menstrual cycle. <b>2020</b> , 223-229		1
168	Mechanisms of drug-induced QT interval prolongation. <b>2020</b> , 283-302		
167	Body Surface Mapping of Ventricular Repolarization Heterogeneity: An Multiparameter Study. <b>2020</b> , 11, 933		4
166	Effects of Adrenergic stimulation on fetal heart rate, heart rate variability, and T-wave elevation during brief umbilical cord occlusions in fetal sheep. <b>2020</b> , 319, R551-R559		3
165	Left Ventricular Contraction Duration Is the Most Powerful Predictor of Cardiac Events in LQTS: A Systematic Review and Meta-Analysis. <b>2020</b> , 9,		1
164	Electrocardiography of Inherited Arrhythmias and Cardiomyopathies. <b>2020</b> ,		
163	Propofol abolishes torsade de pointes in different models of acquired long QT syndrome. <b>2020</b> , 10, 12133		3
162	Important Developments in Long QT Syndrome: Not Only for Arrhythmia Specialists. <i>Circulation</i> , <b>2020</b> , 142, 2416-2419	16.7	0
161	P wave dispersion and ventricular repolarization changes in children with familial hypercholesterolemia. <b>2020</b> , 30, 1643-1648		
160	QTc dispersion as a novel marker in identifying patients requiring an epicardial approach for ablation of scar mediated ventricular tachycardia. <i>Indian Pacing and Electrophysiology Journal</i> , <b>2020</b> , 20, 141-146	1.5	
159	The Repolarization Period during the Head-Up Tilt Test in Children with Vasovagal Syncope. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	2
158	Circulating catecholamines partially regulate T-wave morphology but not heart rate variability during repeated umbilical cord occlusions in fetal sheep. <b>2020</b> , 319, R123-R131		13
157	Electrocardiogram Characteristics and Arrhythmic Events during Fever in Patients with Fever-Induced Brugada Syndrome. <b>2020</b> , 145, 130-135		4
156	Variation of the T-wave peak-end interval and heart rate variability values in healthy males and females at various hours of the same day, and relationship of them. <b>2020</b> , 36, 118-126		1
155	Cardiac-specific inactivation of effects cardiac conduction abnormalities and cardiomyopathy-associated phenotypes. <b>2020</b> , 318, H764-H777		3
154	ECG markers of local but not global increase in dispersion of ventricular repolarization (simulation study). <b>2020</b> , 60, 54-59		1



153	The relationship between T-wave peak-to-end interval and hemodynamic parameters in patients with pulmonary arterial hypertension. <i>Annals of Noninvasive Electrocardiology</i> , <b>2020</b> , 25, e12764	1.5	3
152	Tp-e and (Tp-e)/QT ratio as a non-invasive risk factors for malignant ventricular arrhythmia in patients with idiopathic ventricular premature complexes. <b>2021</b> , 35, e23636		2
151	Utility of Normalized TdP Score System in Drug Proarrhythmic Potential Assessment: A Blinded in vitro Study of CiPA Drugs. <b>2021</b> , 109, 1606-1617		2
150	Assessment of the ECG T-Wave in Patients With Subarachnoid Hemorrhage. <b>2021</b> , 33, 58-64		1
149	Cardiac magnetic resonance imaging and electrocardiography in sudden arrhythmic death risk stratification. <b>2021</b> , 16, 34		
148	An explainable algorithm for detecting drug-induced QT-prolongation at risk of torsades de pointes (TdP) regardless of heart rate and T-wave morphology. <b>2021</b> , 131, 104281		1
147	Evaluation of cardiac arrhythmias by electrocardiographic markers in pediatric patients who have tuberous sclerosis without cardiac rhabdomyoma. <b>2021</b> , 28, 204-208		
146	The impact of hydroxychloroquine-azithromycin combination on Tpeak-to-end and Tpeak-to-end/QT ratio during a short treatment course. <i>Annals of Noninvasive Electrocardiology</i> , <b>2021</b> , 26, e12846	1.5	1
145	Clinical and Functional Genetic Characterization of the Role of Cardiac Calcium Channel Variants in the Early Repolarization Syndrome. <i>Frontiers in Cardiovascular Medicine</i> , <b>2021</b> , 8, 680819	5.4	2
144	Molecular and Electrophysiological Role of Diabetes-Associated Circulating Inflammatory Factors in Cardiac Arrhythmia Remodeling in a Metabolic-Induced Model of Type 2 Diabetic Rat. <b>2021</b> , 22,		3
143	T-wave peak-end interval and ratio of T-wave peak-end and QT intervals: novel arrhythmogenic and survival markers for dogs with myxomatous mitral valve disease. <b>2021</b> , 35, 25-41		1
142	Myocardial repolarization time, J-point to T-peak and T-peak to T-end intervals, have different heart rate dependency and autonomic nerve interference in healthy prepubertal children. <b>2021</b> , 67, 119-123		0
141	Typical Electrocardiogram Pattern Unmasks Atypical Cause of Muscle Weakness. <b>2021</b> , 181, 1503-1504		1
140	The Electrophysiological Basis of the ECG. <b>2021</b> , 35-55		
139	Mechanisms, Classification, and Clinical Aspects of Arrhythmias. <b>2021</b> , 297-320		
138	Predictive value of frontal QRS-T angle after cardiac resynchronization therapy. <b>2021</b> , 68, 24-29		1
137	Assessment of QTc and Risk of Torsades de Pointes in Ventricular Conduction Delay and Pacing: A Review of the Literature and Call to Action. <b>2021</b> , 62, 501-510		0
136	Active Ventricular Arrhythmias. <b>2021</b> , 350-375		

135	Measurement of Early and Late Repolarization Periods in Addition to QT Interval to Help Predict the Torsadogenic Risk of Donepezil Based on Reverse Translational Animal Research on Its Proarrhythmic Potential - Reply. <b>2021</b> , 3, 556-557		
134	Markers of susceptibility to cardiac arrhythmia in experimental spinal cord injury and the impact of sympathetic stimulation and exercise training. <b>2021</b> , 235, 102867		0
133	Idiopathic Ventricular Fibrillation. <b>2013</b> , 629-646		3
132	Cellular and Ionic Mechanisms Underlying Arrhythmogenesis. <i>Contemporary Cardiology</i> , <b>2003</b> , 201-251	0.1	1
131	QT Interval and Its Drug-Induced Prolongation. <i>Contemporary Cardiology</i> , <b>2003</b> , 311-328	0.1	1
130	Interpretation of Clinical ECG Data. <b>2005</b> , 259-298		3
129	Ionic and Cellular Basis for Arrhythmogenesis. <b>2011</b> , 41-64		2
128	Idiopathic Ventricular Fibrillation. <b>2008</b> , 588-603		1
127	Acquired (Drug-Induced) Long QT Syndrome. <b>2008</b> , 705-718		3
126	Mechanisms of Cardiac Arrhythmia. <b>2008</b> , 65-132		2
125	Unique Rhythm Phenomena and Mechanisms. <i>Contemporary Cardiology</i> , <b>2020</b> , 97-116	0.1	1
124	Effects of Anisotropy and Transmural Heterogeneity on the T-Wave Polarity of Simulated Electrograms. <b>2009</b> , 513-523		1
123	Innovative Solutions in Health Monitoring at Home: The Real-Time Assessment of Serum Potassium Concentration from ECG. <b>2012</b> , 116-123		2
122	Biophysics and Molecular Biology of Cardiac Ion Channels for the Safety Pharmacologist. <b>2015</b> , 229, 149-203		12
121	Drug-induced Channelopathies. <b>2004</b> , 151-157		4
120	Ionic Mechanisms of Cardiac Electrical Activity: A Theoretical Approach. <b>2004</b> , 255-266		1
119	Mechanisms of Initiation of Ventricular Tachyarrhythmias. <b>2004</b> , 380-389		6
118	Iatrogenic QT Prolongation. <b>2010</b> , 365-402		2

117	Long QT Syndrome and Perioperative Torsades de Pointes: What the Anesthesiologist Should Know. <b>2020</b> ,	2
116	Ectopic expression of KCNE3 accelerates cardiac repolarization and abbreviates the QT interval. <b>2002</b> , 109, 1083-1090	45
115	Ectopic expression of KCNE3 accelerates cardiac repolarization and abbreviates the QT interval. <b>2002</b> , 109, 1083-90	19
114	Genetics of acquired long QT syndrome. <b>2005</b> , 115, 2025-32	169
113	Meta-analysis of T-wave indices for risk stratification in myocardial infarction. <b>2017</b> , 14, 776-779	6
112	The Effect of Carbetocin Dose on Transmural Dispersion of Myocardial Repolarization in Healthy Parturients Scheduled for Elective Cesarean Delivery Under Spinal Anesthesia: A Prospective, Randomized Clinical Trial. <b>2021</b> , 132, 485-492	1
111	A novel electrocardiographic index for the diagnosis of diastolic dysfunction. <b>2013</b> , 8, e79152	13
110	In silico assessment of the effects of quinidine, disopyramide and E-4031 on short QT syndrome variant 1 in the human ventricles. <b>2017</b> , 12, e0179515	9
109	Evaluation of the Tp-Te Interval, QTc and P-Wave Dispersion in Patients With Coronary Artery Ectasia. <b>2017</b> , 8, 280-285	4
108	Noninvasive diagnosis of cardiac sarcoidosis using microvolt T-wave alternans. <b>2009</b> , 50, 731-9	7
107	The spatial QRS-T angle: implications in clinical practice. <b>2013</b> , 9, 197-210	36
106	Ventricular Arrhythmias in Patients with Obstructive Sleep Apnea. <b>2019</b> , 15, 64-74	12
105	The relationship between the TSH values and the Tpeak - Tend interval duration in hypothyroid patients receiving Levothyroxine treatment. <b>2019</b> , 57, 175-180	1
104	The effect of diabetes mellitus on the ventricular epicardial activation and repolarization in mice. <b>2012</b> , 61, 363-70	5
103	Assessment of Hypertension Using Clinical Electrocardiogram Features: A First-Ever Review. <b>2020</b> , 7, 583331	4
102	The Cytokeratins of Urinary Bladder Epithelial Cells. <b>2005</b> , 1, 1-8	4
101	Novel Ventricular Repolarization Indices in Patients with Coronary Slow Flow. <b>2016</b> , 9, 1446	5
100	Biventricular pacing and heterogeneity of ventricular repolarization in heart failure patients. <b>2006</b> , 2, 27	3

- 99 Change of QT variability index during general anesthesia. **2016**, 69, 250-4 1
- 98 Mechanisms of drug-induced proarrhythmia in clinical practice. **2013**, 5, 175-85 22
- 97 Ventricular repolarization measures for arrhythmic risk stratification. **2016**, 8, 57-73 23
- 96 Electric Field-Based Dense Spatial Analysis of Unipolar Electrograms to Map Regional Activation-Repolarization Intervals.
- 95 Myocardial Scar and Ventricular Repolarization on the electrocardiogram: Insights from Cardiac Magnetic Resonance Imaging. **2021**, 117, 688-689
- 94 Abnormal Electrocardiograms After Diarrhea and Syncope in the Emergency Department. **2021**, 181, 1645-1646
- 93 M??. **2001**, 9, 16-16
- 92 Myocardial Infarction Agents. **2003**, 155-192
- 91 Contribution of Electrical Heterogeneity of Repolarization to the ECG. *Contemporary Cardiology*, **2003**, 111-126 0.1
- 90 Evaluation of Ventricular Repolarization. *Contemporary Cardiology*, **2003**, 255-289 0.1
- 89 How Do We Measure Repolarization Inside the Heart?. *Contemporary Cardiology*, **2003**, 91-110 0.1
- 88 Electrophysiology and Pharmacology of Ventricular Repolarization. *Contemporary Cardiology*, **2003**, 63-89.1
- 87 Effects of Nifekalant Injected into the Pericardial Space on the Transmural Dispersion of Repolarization in Pig. **2007**, 19, 123-135
- 86 QT Interval Revisited-Not Just the Matter of "Interval," but "Dynamics, Variability and Morphology" Matter!-. **2007**, 23, 210-222
- 85 The QT Interval. **2010**, 833-862 1
- 84 Body Surface Potential Mapping. **2010**, 1375-1413
- 83 Cardiac Sarcolemmal ATP-Sensitive Potassium Channel Antagonists: Novel Ischemia-Selective Antiarrhythmic Agents. 1
- 82 Ventricular Arrhythmias. **2011**, 575-586

81 Update cardiovascular screening methods. **2011**, 38, 737-743

80 The QT Interval. **2012**, 351-380

79 Body Surface Potential Mapping. **2012**, 295-333

1

78 Q-T Interval, QT Dynamicity, and QT Variability. **2012**, 945-956

77 Mechanisms, Classification, and Clinical Aspects of Arrhythmias. 277-300

76 The Electrophysiological Basis of the ECG: From Cell Electrophysiology to the Human ECG. 34-53

75 Active Ventricular Arrhythmias. 329-353

0

74 Mathematical Models of Cardiac Cells Arrangements: The Bidomain Model. **2014**, 77-122

73 Simulation Studies of Cardiac Bioelectrical Activity. **2014**, 249-360

72 Anisotropic Cardiac Sources. **2014**, 149-173

71 Reduced Macroscopic Models: The Monodomain and Eikonal Models. **2014**, 123-148

70 Basic Cardiac Anatomy and Electrocardiology. **2014**, 1-19

69 Parallel Solvers for the Bidomain System. **2014**, 207-248

1

68 Numerical Methods for the Bidomain and Reduced Models. **2014**, 191-206

67 The Inverse Problem of Electrocardiology. **2014**, 175-190

66 Mathematical Models of Cellular Bioelectrical Activity. **2014**, 21-75

65 Drug-Induced Prolongation of the QT Interval: Present and Future Challenges for Drug Discovery. **2015**, 1039-1057

64 Time Variance of Electrocardiographic Transmural Dispersion in Acute Myocardial Infarction. **2016**, 17, 174-180

- 63 J waves and Their Relations to Membrane Currents in Cardiomyocytes. **2017**, 37, 118-125
- 62 Evaluation of Tp-e interval, Tp-e/QT ratio, and Tp-e/QTc ratio in patients with mitral valve stenosis before and after balloon valvuloplasty. **2018**, 18, 353-360 5
- 61 CRT-D or CRT-P in CRT-indicated patients?. **2017**, 17, 79-80
- 60 Cardiac Remodeling Under Hyperoxic Conditions. **2017**, 93-116
- 59 Relationship Between Morning Hypertension and T-Peak to T-End Interval in Patients with Suspected Coronary Heart Disease. **2017**, 2, 407-414
- 58 T wave. **2017**, 18, 100-107
- 57 Cardiac Remodeling Under Hyperoxic Conditions. **2019**, 322-345
- 56 Comparing of Tp-Te Interval and Tp-Te/Qt Ratio in Patients with Preserved, Mid-Range and Reduced Ejection Fraction Heart Failure. **2019**, 7, 752-759 2
- 55 Assessment of Tp-Te Interval and Tp-Te/Qt Ratio in Patients with Aortic Aneurysm. **2019**, 7, 943-948 1
- 54 Clinical Management of LQTS Patients. **2020**, 165-184
- 53 Neuromodulation of Cardiac Repolarization and Arrhythmogenesis. **2020**, 49-76
- 52 Early Repolarization Syndrome. **2020**, 51-65
- 51 Dome-and-dart T Waves and Hyperthyroidism - A Case Report. *European Endocrinology*, **2020**, 16, 69-71 3,4
- 50 Long QT Syndrome. **2020**, 3-24
- 49 Acute effects of electronic cigarette smoking on ventricular repolarization in adults. *African Health Sciences*, **2020**, 20, 1793-1799 1.1 0
- 48 Lipoprotein aferezi homozigot ailevi hiperkolesterolemi hastalarında ventriküler repolarizasyonu etkiler. *Turkish Journal of Clinics and Laboratory*,
- 47 ECG Waves and Signs: Ionic and Cellular Basis. *Contemporary Cardiology*, **2020**, 117-148 0.1
- 46 Cellular, Molecular, and Pharmacologic Mechanisms Underlying Drug-Induced Cardiac Arrhythmogenesis. **2005**, 37-66

45	QT Prolongation and QT Dispersion <b>3</b> Critical Evaluation. <b>2007</b> , 202-228		
44	Comparison of changes in electrical activity, in isolated and in vivo hearts, induced by voluntary exercise in female rats.		
43	QTc interval prolongation predicts postoperative mortality in heart failure patients undergoing surgical revascularization. <i>Texas Heart Institute Journal</i> , <b>2006</b> , 33, 3-8	0.8	17
42	Drug-induced spatial dispersion of repolarization. <i>Cardiology Journal</i> , <b>2008</b> , 15, 100-21	1.4	74
41	Is cardiac resynchronisation therapy proarrhythmic?. <i>Indian Pacing and Electrophysiology Journal</i> , <b>2008</b> , 8, 268-80	1.5	8
40	T-peak to T-end abnormality in pediatric patients with syncope. <i>Iranian Journal of Pediatrics</i> , <b>2012</b> , 22, 385-91	1	5
39	QT Dispersion and T Wave Peak-to-end Interval Dispersion in Children with Kawasaki Disease. <b>2013</b> , 7, 99-103		4
38	Cardiac repolarization changes in the children with breath-holding spells. <i>Iranian Journal of Pediatrics</i> , <b>2013</b> , 23, 687-92	1	4
37	Dispersion of ventricular repolarization in relation to cardiovascular risk factors in hypertension. <i>Journal of Medicine and Life</i> , <b>2014</b> , 7, 545-50	1.5	4
36	Assessment of total cardiac repolarization's spatial distribution among patients with aortic sclerosis. <i>International Journal of Clinical and Experimental Medicine</i> , <b>2015</b> , 8, 4045-51		
35	Normal Electrocardiogram of Bama Miniature Pigs ( <i>Sus scrofa domestica</i> ). <i>Journal of the American Association for Laboratory Animal Science</i> , <b>2016</b> , 55, 152-4	1.3	2
34	Surface Electrocardiogram Predictors of Sudden Cardiac Arrest. <i>Ochsner Journal</i> , <b>2016</b> , 16, 280-9	1.5	18
33	Does endoscopic thoracic sympathectomy through clipping procedure have early effects on electrocardiographic parameters?. <i>Indian Journal of Medical Research</i> , <b>2017</b> , 145, 498-502	2.9	1
32	Diagnostic Value of the TpTe Interval in Children with Ventricular Arrhythmias. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	0
31	Comparison of the effects of hyperbaric and normobaric oxygen treatments on the repolarisation parameters of electrocardiography in children with carbon monoxide poisoning. <i>Cukurova Medical Journal</i> , <b>2021</b> , 46, 1606-1613	0.1	
30	Electrocardiography. <b>2022</b> , 601-665		
29	Ventricular repolarization heterogeneity in patients with COVID-19: Original data, systematic review, and meta-analysis.. <i>Clinical Cardiology</i> , <b>2022</b> ,	3.3	2
28	Plasma potassium concentration and cardiac repolarisation markers, T-T and T-T/QT, during and after exercise in healthy participants and in end-stage renal disease.. <i>European Journal of Applied Physiology</i> , <b>2022</b> , 122, 691	3.4	0

27	Delayed cardiac repolarisation as a predictor of in-hospital mortality in patients with COVID-19.. <i>Heart</i> , <b>2022</b> ,	5.1	0
26	Mechanisms of torsades de pointes. <b>2022</b> , 51-77		
25	ACUTE EFFECTS OF SMOKING ON VENTRICULAR REPOLARIZATION. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 91-93	0.4	
24	Association between ventricular repolarization parameters and cardiovascular death in patients of the SWISS-AF cohort.. <i>International Journal of Cardiology</i> , <b>2022</b> ,	3.2	
23	Ventricular Repolarization Dispersion is a Potential Risk for the Development of Life-Threatening Arrhythmia in Children with Hypertrophic Cardiomyopathy.. <i>Pediatric Cardiology</i> , <b>2022</b> ,	2.1	0
22	Conduction system pacing versus biventricular pacing: Reduced repolarization heterogeneity in addition to improved depolarization.. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2021</b> ,	2.7	0
21	ASSESSMENT OF Tp-e INTERVAL, Tp-e/QT, Tp-e/QTc RATIOS IN THALASSEMIA MAJOR PATIENTS. <i>Acta Medica Alanya</i> ,		
20	Table_1.pdf. <b>2020</b> ,		
19	Glycated hemoglobin, diabetes mellitus, and cardiovascular risk in a cross-sectional study among She Chinese population. <i>Journal of Endocrinological Investigation</i> , <b>2012</b> , 35, 35-41	5.2	2
18	HİPERTANSİFİ SOL VENTRİKÜL HİPERTROFİSİNİN VENTRİKÜLER REPOLARİZASYON ÜZERİNE ETKİSİ <i>Kırıkkale Üniversitesi Tıp Fakültesi Dergisi</i> , 16-22	0	
17	Electrocardiographic marker of the cardiac action potential triangulation induced by antiarrhythmic drugs in perfused guinea-pig heart.. <i>Experimental Physiology</i> , <b>2022</b> ,	2.4	
16	Effects of $\beta$ blockers on ventricular repolarization documented by 24-hour electrocardiography in long QT syndrome type 2.. <i>Heart Rhythm</i> , <b>2022</b> ,	6.7	
15	Optimizing ECG lead selection for detection of prolongation of ventricular repolarization as measured by the Tpeak-end interval. <i>Annals of Noninvasive Electrocardiology</i> ,	1.5	
14	Sex-Specific Associations of Anxiety With Left Ventricular Hypertrophy and Transmural Dispersion of Repolarization in Hypertensive Patients. <i>Frontiers in Cardiovascular Medicine</i> , 9,	5.4	
13	Ventricular depolarization, repolarization variability in children with type 1 diabetes mellitus. <i>Pediatrics International</i> ,	1.2	
12	Genotype-Specific ECG-Based Risk Stratification Approaches in Patients With Long-QT Syndrome. <i>Frontiers in Cardiovascular Medicine</i> , 9,	5.4	
11	Association of Tp-e/QT ratio with SYNTAX score II in patients with coronary artery disease. <b>2022</b> , 56, 325-330		
10	Changes of repolarization parameters after left bundle branch area pacing and the association with echocardiographic response in heart failure patients. 13,		1



- 9 Are Tp-e interval and QT dispersion values important in children with coeliac disease?. 1-6
- 8 Tpeak-Tend Interval during Pregnancy and Postpartum. **2022**, 19, 12638
- 7 Prediction of drug pro-arrhythmic cardiotoxicity using a semi-physiologically based pharmacokinetic model linked to cardiac ionic currents inhibition. **2022**, 457, 116312
- 6 Association between ventricular premature contraction burden and ventricular repolarization duration. **2022**, 68, 1571-1575
- 5 Tp-Te Interval and Tp-Te/QT Ratio Predict Coronary Artery Disease Severity in Non-ST Segment Elevation Acute Myocardial Infarction. **2022**, 12, 143-149
- 4 Spatiotemporal patterns of early afterdepolarizations underlying abnormal T-wave morphologies in a tissue model of the Purkinje-ventricular system. **2023**, 18, e0280267
- 3 Alternating Early Afterdepolarizations Underlying Bradycardia-Dependent Macroscopic T Wave and Discordant Mechanical Alternans. **2023**, 16,
- 2 The U-wave: A remaining enigma of the electrocardiogram. **2023**, 79, 13-20
- 1 Evaluation of Cardiac Electrophysiological Balance in Patients with Subclinical Hypothyroidism. **2022**, 25, 77-84