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List of Publications by Year in Descending Order

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

225
papers

8,842
citations

44
h-index

88
g-index

261
ext. papers

9,650
ext. citations

5.1
avg, IF

5.8
L-index

#	Paper	IF	Citations
225	Research Opportunities in Autonomic Neural Mechanisms of Cardiopulmonary Regulation: A Report From the National Heart, Lung, and Blood Institute and the National Institutes of Health Office of the Director Workshop.. <i>JACC Basic To Translational Science</i> , 2022 , 7, 265-293	8.7	2
224	Multifactorial Benefits of Chronic Vagus Nerve Stimulation on Autonomic Function and Cardiac Electrical Stability in Heart Failure Patients With Reduced Ejection Fraction.. <i>Frontiers in Physiology</i> , 2022 , 13, 855756	4.6	0
223	T-wave heterogeneity crescendo in the surface EKG is superior to heart rate acceleration for seizure prediction.. <i>Epilepsy and Behavior</i> , 2022 , 130, 108670	3.2	1
222	Regadenoson-induced T-wave heterogeneity complements coronary stenosis detection by myocardial perfusion imaging in men and women. <i>European Heart Journal Cardiovascular Imaging</i> , 2021 , 22, 1341-1349	4.1	3
221	Speckle tracking strain and ECG heterogeneity correlate in transcatheter aortic valve replacement-induced left bundle branch blocks and right ventricular paced rhythms. <i>Open Heart</i> , 2021 , 8,	3	1
220	Modified Moving Average T-wave alternans cutpoints. <i>Indian Pacing and Electrophysiology Journal</i> , 2021 , 21, 139	1.5	0
219	Epileptic heart: A clinical syndromic approach. <i>Epilepsia</i> , 2021 , 62, 1780-1789	6.4	10
218	Vagus Nerve Stimulation Provides Multiyear Improvements in Autonomic Function and Cardiac Electrical Stability in the ANTHEM-HF Study. <i>Journal of Cardiac Failure</i> , 2021 , 27, 208-216	3.3	15
217	Positive Psychotherapy Improves Cardiac Electrical Stability and Mood in ICD Patients: PAM-ICD Trial Results. <i>Psychosomatic Medicine</i> , 2021 , 83, 300-301	3.7	1
216	Chronic vagus nerve stimulation is associated with multi-year improvement in intrinsic heart rate recovery and left ventricular ejection fraction in ANTHEM-HF. <i>Clinical Autonomic Research</i> , 2021 , 31, 453-462	4.3	2
215	T-wave heterogeneity in standard resting 12-lead ECGs is associated with 90-day cardiac mortality in women following emergency department admission: A nested case-control study. <i>Annals of Noninvasive Electrocardiology</i> , 2021 , 26, e12826	1.5	3
214	Flecainide-induced QRS complex widening correlates with negative inotropy. <i>Heart Rhythm</i> , 2021 , 18, 1416-1422	6.7	3
213	Spectrum of clinical applications of interlead ECG heterogeneity assessment: From myocardial ischemia detection to sudden cardiac death risk stratification. <i>Annals of Noninvasive Electrocardiology</i> , 2021 , 26, e12894	1.5	5
212	Preimplantation interlead ECG heterogeneity is superior to QRS complex duration in predicting mechanical super-response in patients with non-left bundle branch block receiving cardiac resynchronization therapy. <i>Heart Rhythm</i> , 2020 , 17, 1887-1896	6.7	3
211	The Epileptic Heart: Concept and clinical evidence. <i>Epilepsy and Behavior</i> , 2020 , 105, 106946	3.2	36
210	Pulmonary Delivery of Antiarrhythmic Drugs for Rapid Conversion of New-Onset Atrial Fibrillation. <i>Journal of Cardiovascular Pharmacology</i> , 2020 , 75, 276-283	3.1	6
209	Microvolt T-Wave Alternans: Pathophysiology and Clinical Aspects 2020 , 313-331		

208	Response to Letter to the Editor by Drs. Fialho and colleagues. <i>Epilepsy and Behavior</i> , 2020 , 108, 107040 ^{3,2}		
207	Multimodal mechanisms and enhanced efficiency of atrial fibrillation cardioversion by pulmonary delivery of a novel flecainide formulation. <i>Journal of Cardiovascular Electrophysiology</i> , 2020 , 31, 205-213 ^{2,7}		3
206	Pulmonary Delivery of Metoprolol Reduces Ventricular Rate During Atrial Fibrillation and Accelerates Conversion to Sinus Rhythm. <i>Journal of Cardiovascular Pharmacology</i> , 2020 , 75, 135-140	3.1	1
205	Sex-based differences in T-wave alternans 2020 , 141-152		
204	Exercise and pharmacologic stress-induced interlead T-wave heterogeneity analysis to detect clinically significant coronary artery stenosis. <i>International Journal of Cardiology</i> , 2020 , 298, 32-38	3.2	5
203	Response to the Letter to the Editor. <i>Annals of Noninvasive Electrocardiology</i> , 2019 , 24, e12720	1.5	
202	Cardiac electrical instability in newly diagnosed/chronic epilepsy tracked by Holter and ECG patch. <i>Neurology</i> , 2019 , 93, 450-458	6.5	17
201	To the Editor- Our doubts about the usefulness of the Tpeak-Tend interval. <i>Heart Rhythm</i> , 2019 , 16, e49 ^{6,7}		3
200	Effect of beta-blockade on quantitative microvolt T-wave alternans in 24-hour continuous 12-lead ECG recordings in patients with long QT syndrome. <i>Annals of Noninvasive Electrocardiology</i> , 2019 , 24, e12640	1.5	3
199	Importance of over-reading ambulatory ECG-based microvolt T-wave alternans to eliminate three main sources of measurement error. <i>Annals of Noninvasive Electrocardiology</i> , 2019 , 24, e12670	1.5	4
198	Monitoring risk for sudden cardiac death: is there a role for EKG patches?. <i>Current Opinion in Biomedical Engineering</i> , 2019 , 11, 117-123	4.4	4
197	Is the T-T interval as a measure of repolarization heterogeneity dead or just seriously wounded?. <i>Heart Rhythm</i> , 2019 , 16, 952-953	6.7	14
196	Optimizing flecainide plasma concentration profile for atrial fibrillation conversion while minimizing adverse ventricular effects by rapid, low-dose intratracheal or intravenous administration. <i>International Journal of Cardiology</i> , 2019 , 274, 170-174	3.2	7
195	Significance of T-wave inversion triggered by spontaneous atrial premature beats in patients with long QT syndrome. <i>Heart Rhythm</i> , 2018 , 15, 860-869	6.7	5
194	Repolarization Heterogeneity Measured With T-Wave Area Dispersion in Standard 12-Lead ECG Predicts Sudden Cardiac Death in General Population. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018 , 11, e005762	6.4	11
193	Ranolazine reduces repolarization heterogeneity in symptomatic patients with diabetes and non-flow-limiting coronary artery stenosis. <i>Annals of Noninvasive Electrocardiology</i> , 2018 , 23,	1.5	6
192	Marked exercise-induced T-wave heterogeneity in symptomatic diabetic patients with nonflow-limiting coronary artery stenosis. <i>Annals of Noninvasive Electrocardiology</i> , 2018 , 23, e12503	1.5	5
191	Accelerated conversion of atrial fibrillation to normal sinus rhythm by pulmonary delivery of flecainide acetate in a porcine model. <i>Heart Rhythm</i> , 2018 , 15, 1882-1888	6.7	9

190	Pulmonary delivery of flecainide causes a rate-dependent predominant effect on atrial compared with ventricular depolarization duration revealed by intracardiac recordings in an intact porcine model. <i>Journal of Cardiovascular Electrophysiology</i> , 2018 , 29, 1563-1569	2.7	6
189	Comparative Pharmacokinetic and Electrocardiographic Effects of Intratracheal and Intravenous Administration of Flecainide in Anesthetized Pigs. <i>Journal of Cardiovascular Pharmacology</i> , 2018 , 72, 129-135	3.1	6
188	Novel method to assess intrinsic heart rate recovery in ambulatory ECG recordings tracks cardioprotective effects of chronic autonomic regulation therapy in patients enrolled in the ANTHEM-HF study. <i>Annals of Noninvasive Electrocardiology</i> , 2017 , 22, e12436	1.5	3
187	2017 ISHNE-HRS expert consensus statement on ambulatory ECG and external cardiac monitoring/telemetry. <i>Heart Rhythm</i> , 2017 , 14, e55-e96	6.7	136
186	2017 ISHNE-HRS expert consensus statement on ambulatory ECG and external cardiac monitoring/telemetry. <i>Annals of Noninvasive Electrocardiology</i> , 2017 , 22, e12447	1.5	35
185	Tracking interlead heterogeneity of R- and T-wave morphology to disclose latent risk for sudden cardiac death. <i>Heart Rhythm</i> , 2017 , 14, 1466-1475	6.7	21
184	Quantitative evaluation of heartbeat interval time series using Poincaré analysis reveals distinct patterns of heart rate dynamics during cycles of vagus nerve stimulation in patients with heart failure. <i>Journal of Electrocardiology</i> , 2017 , 50, 898-903	1.4	8
183	The Selective Late Sodium Current Inhibitor Eleclazine, Unlike Amiodarone, Does Not Alter Defibrillation Threshold or Dominant Frequency of Ventricular Fibrillation. <i>Journal of Cardiovascular Pharmacology</i> , 2017 , 69, 178-182	3.1	2
182	Interlead heterogeneity of R- and T-wave morphology in standard 12-lead ECGs predicts sustained ventricular tachycardia/fibrillation and arrhythmic death in patients with cardiomyopathy. <i>Journal of Cardiovascular Electrophysiology</i> , 2017 , 28, 1324-1333	2.7	16
181	Exercise-induced quantitative microvolt T-wave alternans in hypertrophic cardiomyopathy. <i>Journal of Electrocardiology</i> , 2017 , 50, 184-190	1.4	6
180	Eleclazine, an inhibitor of the cardiac late sodium current, is superior to flecainide in suppressing catecholamine-induced ventricular tachycardia and T-wave alternans in an intact porcine model. <i>Heart Rhythm</i> , 2017 , 14, 448-454	6.7	17
179	Inhibition of the cardiac late sodium current with eleclazine protects against ischemia-induced vulnerability to atrial fibrillation and reduces atrial and ventricular repolarization abnormalities in the absence and presence of concurrent adrenergic stimulation. <i>Heart Rhythm</i> , 2016 , 13, 1860-7	6.7	20
178	T-Wave Alternans, Heart Rate Turbulence, and Ventricular Ectopy in Standard versus Daily Hemodialysis: Results from the FHN Daily Trial. <i>Annals of Noninvasive Electrocardiology</i> , 2016 , 21, 566-571	1.5	6
177	Letter to the Editor--Can reducing quantitative T-wave alternans save lives?. <i>Heart Rhythm</i> , 2016 , 13, e89	6.7	
176	Eleclazine, a new selective cardiac late sodium current inhibitor, confers concurrent protection against autonomically induced atrial premature beats, repolarization alternans and heterogeneity, and atrial fibrillation in an intact porcine model. <i>Heart Rhythm</i> , 2016 , 13, 1679-86	6.7	22
175	Prevalence of Microvolt T-Wave Alternans in Patients With Long QT Syndrome and Its Association With Torsade de Pointes. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2016 , 9, e003206	6.4	28
174	Prediction of sudden cardiac death with automated high-throughput analysis of heterogeneity in standard resting 12-lead electrocardiograms. <i>Heart Rhythm</i> , 2016 , 13, 713-20	6.7	35
173	Commentary: Sudden Cardiac Risk Stratification with Electrocardiographic Indices - A Review on Computational Processing, Technology Transfer, and Scientific Evidence. <i>Frontiers in Physiology</i> , 2016 , 7, 267	4.6	1

172	Acute Autonomic Engagement Assessed by Heart Rate Dynamics During Vagus Nerve Stimulation in Patients With Heart Failure in the ANTHEM-HF Trial. <i>Journal of Cardiovascular Electrophysiology</i> , 2016 , 27, 1072-7	2.7	22
171	Quantitative T-wave alternans analysis for sudden cardiac death risk assessment and guiding therapy: answered and unanswered questions: For: Proceedings of ICE2015 Comandatuba, Brazil, Sudden Death Symposium. <i>Journal of Electrocardiology</i> , 2016 , 49, 429-38	1.4	5
170	Unmasking atrial repolarization to assess alternans, spatiotemporal heterogeneity, and susceptibility to atrial fibrillation. <i>Heart Rhythm</i> , 2016 , 13, 953-61	6.7	22
169	Autonomic regulation therapy suppresses quantitative T-wave alternans and improves baroreflex sensitivity in patients with heart failure enrolled in the ANTHEM-HF study. <i>Heart Rhythm</i> , 2016 , 13, 721-8	6.7	41
168	Baseline elevation and reduction in cardiac electrical instability assessed by quantitative T-wave alternans in patients with drug-resistant epilepsy treated with vagus nerve stimulation in the AspireSR E-36 trial. <i>Epilepsy and Behavior</i> , 2016 , 62, 85-9	3.2	34
167	Screening for Cardiac Magnetic Resonance Scar Features by 12-Lead ECG, in Patients with Preserved Ejection Fraction. <i>Annals of Noninvasive Electrocardiology</i> , 2016 , 21, 49-59	1.5	10
166	Selective late INa inhibition by GS-458967 exerts parallel suppression of catecholamine-induced hemodynamically significant ventricular tachycardia and T-wave alternans in an intact porcine model. <i>Heart Rhythm</i> , 2015 , 12, 2508-14	6.7	23
165	Quantitative T-wave alternans analysis for guiding medical therapy: an underexploited opportunity. <i>Trends in Cardiovascular Medicine</i> , 2015 , 25, 201-13	6.9	10
164	Combined actions of ivabradine and ranolazine reduce ventricular rate during atrial fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2015 , 26, 329-35	2.7	24
163	Sudden paradoxical QT-interval prolongation exacerbating T-wave alternans in a patient with type 3 long QT syndrome. <i>Annals of Noninvasive Electrocardiology</i> , 2015 , 20, 290-1	1.5	2
162	Prognostic capacity of a clinically indicated exercise test for cardiovascular mortality is enhanced by combined analysis of exercise capacity, heart rate recovery and T-wave alternans. <i>European Journal of Preventive Cardiology</i> , 2015 , 22, 1162-70	3.9	13
161	Multilead template-derived residua of surface ECGs for quantitative assessment of arrhythmia risk. <i>Annals of Noninvasive Electrocardiology</i> , 2015 , 20, 273-81	1.5	8
160	The Selective Cardiac Late Sodium Current Inhibitor GS-458967 Suppresses Autonomically Triggered Atrial Fibrillation in an Intact Porcine Model. <i>Journal of Cardiovascular Electrophysiology</i> , 2015 , 26, 1364-9	2.7	21
159	Selective late sodium current blockade with GS-458967 markedly reduces ischemia-induced atrial and ventricular repolarization alternans and ECG heterogeneity. <i>Heart Rhythm</i> , 2014 , 11, 1827-35	6.7	39
158	Effects of exercise rehabilitation on cardiac electrical instability assessed by T-wave alternans during ambulatory electrocardiogram monitoring in coronary artery disease patients without and with diabetes mellitus. <i>American Journal of Cardiology</i> , 2014 , 114, 832-7	3	13
157	QRST-wave alternans in a child with type 3 long-QT syndrome: an ominous ECG pattern appearing during transition from T-wave alternans to polymorphic VT. <i>Journal of Cardiovascular Electrophysiology</i> , 2014 , 25, 657-8	2.7	3
156	If inhibition in the atrioventricular node by ivabradine causes rate-dependent slowing of conduction and reduces ventricular rate during atrial fibrillation. <i>Heart Rhythm</i> , 2014 , 11, 2288-96	6.7	43
155	Time-domain T-wave alternans is strongly associated with a history of ventricular fibrillation in patients with Brugada syndrome. <i>Journal of Cardiovascular Electrophysiology</i> , 2014 , 25, 1021-1027	2.7	28

154	Vagus nerve stimulation reduces cardiac electrical instability assessed by quantitative T-wave alternans analysis in patients with drug-resistant focal epilepsy. <i>Epilepsia</i> , 2014 , 55, 1996-2002	6.4	57
153	Relation of T-wave alternans to mortality and nonsustained ventricular tachycardia in patients with non-ST-segment elevation acute coronary syndrome from the MERLIN-TIMI 36 trial of ranolazine versus placebo. <i>American Journal of Cardiology</i> , 2014 , 114, 17-23	3	16
152	Is there a role of MMA T wave alternans test for risk assessment in Brugada syndrome?. <i>Anatolian Journal of Cardiology</i> , 2014 , 14, 96		
151	Inhibition of I(f) in the atrioventricular node as a mechanism for dronedarone® reduction in ventricular rate during atrial fibrillation. <i>Heart Rhythm</i> , 2013 , 10, 1692-7	6.7	16
150	The role of the autonomic nervous system in cardiac arrhythmias. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2013 , 117, 135-45	3	22
149	Ambulatory ECG-based T-wave alternans monitoring for risk assessment and guiding medical therapy: mechanisms and clinical applications. <i>Progress in Cardiovascular Diseases</i> , 2013 , 56, 172-85	8.5	44
148	Clinical applications of T-wave alternans assessed during exercise stress testing and ambulatory ECG monitoring. <i>Journal of Electrocardiology</i> , 2013 , 46, 585-90	1.4	6
147	Low doses of ranolazine and dronedarone in combination exert potent protection against atrial fibrillation and vulnerability to ventricular arrhythmias during acute myocardial ischemia. <i>Heart Rhythm</i> , 2013 , 10, 121-7	6.7	41
146	Ranolazine® sweet side--improvement of glycaemic control by the novel mechanism of skeletal muscle microvascular recruitment. <i>Journal of Physiology</i> , 2013 , 591, 4961	3.9	
145	Electrophysiology of T-wave alternans: mechanisms and pharmacologic influences. <i>Journal of Electrocardiology</i> , 2013 , 46, 580-4	1.4	15
144	HCN2/SkM1 gene transfer into canine left bundle branch induces stable, autonomically responsive biological pacing at physiological heart rates. <i>Journal of the American College of Cardiology</i> , 2013 , 61, 1192-201	15.1	45
143	Screening entire health system ECG databases to identify patients at increased risk of death. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2013 , 6, 1156-62	6.4	23
142	Mechanisms of ranolazine® dual protection against atrial and ventricular fibrillation. <i>Europace</i> , 2013 , 15, 317-24	3.9	44
141	T-wave alternans, QRST-wave alternans and atrioventricular block: three consecutive rate-dependent phenomena in a child with congenital long-QT syndrome. <i>Journal of Cardiovascular Electrophysiology</i> , 2013 , 24, 1183-4	2.7	3
140	Dronedarone® inhibition of If current is the primary mechanism responsible for its bradycardic effect. <i>Journal of Cardiovascular Electrophysiology</i> , 2013 , 24, 914-8	2.7	14
139	Elevated T-wave alternans predicts nonsustained ventricular tachycardia in association with percutaneous coronary intervention in ST-segment elevation myocardial infarction (STEMI) patients. <i>Journal of Cardiovascular Electrophysiology</i> , 2013 , 24, 658-63	2.7	18
138	Neural Regulation of the Heart in Health and Disease 2013 , 73-92		
137	To the editor--Biological pacemakers exhibit positive chronotropic response to emotional arousal. <i>Heart Rhythm</i> , 2012 , 9, e30	6.7	

136	Microvolt T-wave alternans testing has a role in arrhythmia risk stratification. <i>Journal of the American College of Cardiology</i> , 2012 , 59, 1572-3	15.1	10
135	Sleep-Related Cardiac Disorders 2012 , 585-594		
134	Ca(2+)-stimulated adenylyl cyclase AC1 generates efficient biological pacing as single gene therapy and in combination with HCN2. <i>Circulation</i> , 2012 , 126, 528-36	16.7	43
133	In-hospital monitoring of T-wave alternans in a case of amiodarone-induced torsade de pointes: clinical and methodologic insights. <i>Europace</i> , 2012 , 14, 1372-4	3.9	6
132	Crescendo in depolarization and repolarization heterogeneity heralds development of ventricular tachycardia in hospitalized patients with decompensated heart failure. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2012 , 5, 84-90	6.4	32
131	Antifibrillatory effect of ranolazine during severe coronary stenosis in the intact porcine model. <i>Heart Rhythm</i> , 2011 , 8, 608-14	6.7	41
130	High prevalence of cardiac autonomic dysfunction and T-wave alternans in dialysis patients. <i>Heart Rhythm</i> , 2011 , 8, 592-8	6.7	35
129	Microvolt T-wave alternans physiological basis, methods of measurement, and clinical utility--consensus guideline by International Society for Holter and Noninvasive Electrocardiology. <i>Journal of the American College of Cardiology</i> , 2011 , 58, 1309-24	15.1	294
128	Mechanisms mediating adverse effects of air pollution on cardiovascular hemodynamic function and vulnerability to cardiac arrhythmias. <i>Air Quality, Atmosphere and Health</i> , 2011 , 4, 53-63	5.6	
127	Importance of regional specificity of T-wave alternans in assessing risk for cardiovascular mortality and sudden cardiac death during routine exercise testing. <i>Heart Rhythm</i> , 2011 , 8, 385-90	6.7	28
126	Continuous T-wave alternans monitoring to predict impending life-threatening cardiac arrhythmias during emergent coronary reperfusion therapy in patients with acute coronary syndrome. <i>Europace</i> , 2011 , 13, 708-15	3.9	21
125	Relationship between T-wave alternans magnitude and T-wave amplitude before the onset of ventricular tachyarrhythmias during emergent reperfusion in acute coronary syndrome patients. <i>Europace</i> , 2011 , 13, 1511-2; author reply 1512; discussion 1512-3	3.9	0
124	Ranolazine injection into coronary or femoral arteries exerts marked, transient regional vasodilation without systemic hypotension in an intact porcine model. <i>Circulation: Cardiovascular Interventions</i> , 2011 , 4, 481-7	6	14
123	Cardiovascular Physiology: Central and Autonomic Regulation 2011 , 215-225		3
122	Sleep-Related Cardiac Risk 2011 , 1353-1362		2
121	Cardiac Arrhythmogenesis during Sleep 2011 , 1363-1369		
120	Antiarrhythmic drug effects on microvolt T-wave alternans: measurement nuisance or indicator of therapeutic action?. <i>Journal of Cardiovascular Electrophysiology</i> , 2010 , 21, E79	2.7	1
119	Usefulness of T-wave alternans in sudden death risk stratification and guiding medical therapy. <i>Annals of Noninvasive Electrocardiology</i> , 2010 , 15, 276-88	1.5	27

118	T-wave alternans as a therapeutic marker for antiarrhythmic agents. <i>Journal of Cardiovascular Pharmacology</i> , 2010 , 55, 544-54	3.1	42
117	Biological pacemakers in canines exhibit positive chronotropic response to emotional arousal. <i>Heart Rhythm</i> , 2010 , 7, 1835-40	6.7	25
116	Atrioventricular conduction and cardiovascular mortality: assessment of recovery PR interval is superior to pre-exercise measurement. <i>Heart Rhythm</i> , 2010 , 7, 796-801	6.7	11
115	Macroscopic T-wave alternans: the tip of the iceberg in drug-induced torsade de pointes?. <i>Journal of the American College of Cardiology</i> , 2010 , 56, 241; author reply 241-2	15.1	1
114	Prognostic implications of quantitative ST-segment characteristics and T-wave amplitude for cardiovascular mortality in a general population from the Health 2000 Survey. <i>Annals of Medicine</i> , 2010 , 42, 502-11	1.5	10
113	Intrapericardial ranolazine prolongs atrial refractory period and markedly reduces atrial fibrillation inducibility in the intact porcine heart. <i>Journal of Cardiovascular Pharmacology</i> , 2010 , 55, 286-91	3.1	23
112	Pattern of crescendo TWA may disclose the underlying cardiac pathology. <i>Journal of Electrocardiology</i> , 2010 , 43, 449-51	1.4	1
111	Concentrated ambient particles alter myocardial blood flow during acute ischemia in conscious canines. <i>Environmental Health Perspectives</i> , 2009 , 117, 333-7	8.4	37
110	Enhanced predictive power of quantitative TWA during routine exercise testing in the Finnish Cardiovascular Study. <i>Journal of Cardiovascular Electrophysiology</i> , 2009 , 20, 408-15	2.7	47
109	Ranolazine exerts potent effects on atrial electrical properties and abbreviates atrial fibrillation duration in the intact porcine heart. <i>Journal of Cardiovascular Electrophysiology</i> , 2009 , 20, 796-802	2.7	95
108	Impact of sleep on arrhythmogenesis. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2009 , 2, 450-9	6.4	55
107	Impaired exercise capacity predicts sudden cardiac death in a low-risk population: enhanced specificity with heightened T-wave alternans. <i>Annals of Medicine</i> , 2009 , 41, 380-9	1.5	6
106	T-wave alternans, air pollution and traffic in high-risk subjects. <i>American Journal of Cardiology</i> , 2009 , 104, 665-70	3	41
105	Re: Time-domain T-wave alternans measured from Holter electrocardiograms predicts cardiac mortality in patients with left ventricular dysfunction: a prospective study. <i>Heart Rhythm</i> , 2009 , 6, e1; author reply e1	6.7	
104	Heart rate, autonomic markers, and cardiac mortality. <i>Heart Rhythm</i> , 2009 , 6, S68-75	6.7	63
103	Combined assessment of heart rate recovery and T-wave alternans during routine exercise testing improves prediction of total and cardiovascular mortality: the Finnish Cardiovascular Study. <i>Heart Rhythm</i> , 2009 , 6, 1765-71	6.7	39
102	Basis for sudden cardiac death prediction by T-wave alternans from an integrative physiology perspective. <i>Heart Rhythm</i> , 2009 , 6, 416-22	6.7	76
101	Mechanisms of inhaled fine particulate air pollution-induced arterial blood pressure changes. <i>Environmental Health Perspectives</i> , 2009 , 117, 361-6	8.4	92

100	Computer-aided visualization of microvolt T-wave alternans: "seeing is believing". <i>Journal of Cardiovascular Electrophysiology</i> , 2008 , 19, E51-2	2.7	
99	Treatment options for patients with coronary artery disease identified as high risk by T-wave alternans testing. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2008 , 10, 39-48	2.1	7
98	Effect of ranolazine on ventricular vulnerability and defibrillation threshold in the intact porcine heart. <i>Journal of Cardiovascular Electrophysiology</i> , 2008 , 19, 1073-9	2.7	36
97	Neural Regulation of the Heart in Health and Disease 2008 , 52-64		
96	The atrial neural network: Ablation minefield or strategic target?. <i>Heart Rhythm</i> , 2007 , 4, 64-5	6.7	1
95	Long-term pericardial catheterization is associated with minimum foreign-body response. <i>Catheterization and Cardiovascular Interventions</i> , 2007 , 70, 221-7	2.7	11
94	T-wave alternans predicts mortality in a population undergoing a clinically indicated exercise test. <i>European Heart Journal</i> , 2007 , 28, 2332-7	9.5	108
93	Suppression of calcium-induced repolarization heterogeneity as a mechanism of nitroglycerin@ antiarrhythmic action. <i>Journal of Cardiovascular Pharmacology</i> , 2006 , 48, 22-9	3.1	11
92	Technique for implantation of chronic indwelling aortic access catheters. <i>Journal of Investigative Surgery</i> , 2006 , 19, 397-405	1.2	9
91	Beta3-adrenoceptor: friend or foe?. <i>Heart Rhythm</i> , 2005 , 2, 1356-8	6.7	4
90	T-wave alternans: does size matter. <i>Journal of Cardiovascular Electrophysiology</i> , 2005 , 16, 625-8	2.7	28
89	Noninvasive sudden death risk stratification by ambulatory ECG-based T-wave alternans analysis: evidence and methodological guidelines. <i>Annals of Noninvasive Electrocardiology</i> , 2005 , 10, 110-20	1.5	42
88	Cardiac Arrhythmias and Sudden Death during Sleep 2005 , 727-732		
87	Association of air pollution with increased incidence of ventricular tachyarrhythmias recorded by implanted cardioverter defibrillators. <i>Environmental Health Perspectives</i> , 2005 , 113, 670-4	8.4	209
86	Air pollution and ST-segment depression in elderly subjects. <i>Environmental Health Perspectives</i> , 2005 , 113, 883-7	8.4	98
85	Cardiovascular Physiology: Central and Autonomic Regulation 2005 , 192-202		8
84	Sleep-Related Cardiac Risk 2005 , 1161-1170		3
83	Cardiac Arrhythmogenesis during Sleep: Mechanisms, Diagnosis, and Therapy 2005 , 1171-1179		3

82	Effects of acute mental stress and exercise on T-wave alternans in patients with implantable cardioverter defibrillators and controls. <i>Circulation</i> , 2004 , 109, 1864-9	16.7	115
81	Frayed nerves in myocardial infarction: the importance of rewiring. <i>Circulation Research</i> , 2004 , 95, 5-6	15.7	20
80	Cardiac effects of carbon monoxide and ambient particles in a rat model of myocardial infarction. <i>Toxicological Sciences</i> , 2004 , 80, 367-76	4.4	38
79	Autonomic aspects of arrhythmogenesis: the enduring and the new. <i>Current Opinion in Cardiology</i> , 2004 , 19, 2-11	2.1	154
78	Tracking cardiac electrical instability by computing interlead heterogeneity of T-wave morphology. <i>Journal of Applied Physiology</i> , 2003 , 95, 2265-72	3.7	65
77	Inhalation of concentrated ambient air particles exacerbates myocardial ischemia in conscious dogs. <i>Environmental Health Perspectives</i> , 2003 , 111, 402-8	8.4	130
76	Ambulatory ECG monitoring of T-wave alternans for arrhythmia risk assessment. <i>Journal of Electrocardiology</i> , 2003 , 36 Suppl, 193-7	1.4	15
75	Analysis of complex T-wave oscillations for prediction of ventricular fibrillation. <i>Journal of Electrocardiology</i> , 2003 , 36 Suppl, 199-203	1.4	6
74	Ambulatory electrocardiogram-based tracking of T wave alternans in postmyocardial infarction patients to assess risk of cardiac arrest or arrhythmic death. <i>Journal of Cardiovascular Electrophysiology</i> , 2003 , 14, 705-11	2.7	136
73	Potent antifibrillatory effects of intrapericardial nitroglycerin in the ischemic porcine heart. <i>Journal of the American College of Cardiology</i> , 2003 , 41, 1831-7	15.1	28
72	The enigmatic cardiac fat pads: critical but underappreciated neural regulatory sites. <i>Journal of Cardiovascular Electrophysiology</i> , 2002 , 13, 902-3	2.7	6
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