Richard L Verrier, Facc, Fhrs

List of Publications by Year
in descending order

244 papers	10,513 citations	44042 48 h-index	37183 96 g-index
261 all docs	261 docs citations	261 times ranked	6179 citing authors

#	Article	IF	Citations
1	Ambient Pollution and Heart Rate Variability. Circulation, 2000, 101, 1267-1273.	1.6	785
2	Neural Activity and Ventricular Fibrillation. New England Journal of Medicine, 1976, 294, 1165-1170.	13.9	664
3	Air Pollution and Incidence of Cardiac Arrhythmia. Epidemiology, 2000, 11, 11-17.	1.2	570
4	Heart rate variability associated with particulate air pollution. American Heart Journal, 1999, 138, 890-899.	1.2	525
5	Microvolt T-Wave Alternans. Journal of the American College of Cardiology, 2011, 58, 1309-1324.	1.2	371
6	Neural and psychologic mechanisms and the problem of sudden cardiac death. American Journal of Cardiology, 1977, 39, 890-902.	0.7	299
7	Modified moving average analysis of T-wave alternans to predict ventricular fibrillation with high accuracy. Journal of Applied Physiology, 2002, 92, 541-549.	1.2	294
8	Association of Air Pollution with Increased Incidence of Ventricular Tachyarrhythmias Recorded by Implanted Cardioverter Defibrillators. Environmental Health Perspectives, 2005, 113, 670-674.	2.8	232
9	2017 ISHNE-HRS expert consensus statement on ambulatory ECG and external cardiac monitoring/telemetry. Heart Rhythm, 2017, 14, e55-e96.	0.3	204
10	Differing mechanisms for ventricular vulnerability during coronary artery occlusion and release. American Heart Journal, 1976, 92, 223-230.	1.2	190
11	Autonomic aspects of arrhythmogenesis: the enduring and the new. Current Opinion in Cardiology, 2004, 19, 2-11.	0.8	184
12	Psychological stress and ventricular arrhythmias during myocardial infarction in the conscious dog. American Journal of Cardiology, 1974, 34, 692-696.	0.7	178
13	Ambulatory Electrocardiogramâ€Based Tracking of T Wave Alternans in Postmyocardial Infarction Patients to Assess Risk of Cardiac Arrest or Arrhythmic Death. Journal of Cardiovascular Electrophysiology, 2003, 14, 705-711.	0.8	160
14	Relationship between sympathetic neural activity, coronary dynamics, and vulnerability to ventricular fibrillation during myocardial ischemia and reperfusion. American Heart Journal, 1983, 105, 958-965.	1.2	150
15	Vulnerability to ventricular fibrillation during acute coronary arterial occlusion and release. American Journal of Cardiology, 1975, 36, 776-782.	0.7	147
16	Inhalation of concentrated ambient air particles exacerbates myocardial ischemia in conscious dogs.. Environmental Health Perspectives, 2003, 111, 402-408.	2.8	141
17	Effects of Acute Mental Stress and Exercise on T-Wave Alternans in Patients With Implantable Cardioverter Defibrillators and Controls. Circulation, 2004, 109, 1864-1869.	1.6	137
18	Electrophysiologic Basis for T Wave Alternans as an Index of Vulnerability to Ventricular Fibrillation. Journal of Cardiovascular Electrophysiology, 1994, 5, 445-461.	0.8	135

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19	T-wave alternans predicts mortality in a population undergoing a clinically indicated exercise test. European Heart Journal, 2007, 28, 2332-2337.	1.0	119
20	Air Pollution and ST-Segment Depression in Elderly Subjects. Environmental Health Perspectives, 2005, 113, 883-887.	2.8	112
21	Mechanisms of Inhaled Fine Particulate Air Pollutionâ€“Induced Arterial Blood Pressure Changes. Environmental Health Perspectives, 2009, 117, 361-366.	2.8	105
22	Electrocardiographic Changes during Exposure to Residual Oil Fly Ash (ROFA) Particles in a Rat Model of Myocardial Infarction. Toxicological Sciences, 2002, 66, 327-335.	1.4	104
23	Ranolazine Exerts Potent Effects on Atrial Electrical Properties and Abbreviates Atrial Fibrillation Duration in the Intact Porcine Heart. Journal of Cardiovascular Electrophysiology, 2009, 20, 796-802.	0.8	100
24	Effect of vagus nerve stimulation upon excitability of the canine ventricle. American Journal of Cardiology, 1976, 37, 1041-1045.	0.7	95
25	Basis for sudden cardiac death prediction by T-wave alternans from an integrative physiology perspective. Heart Rhythm, 2009, 6, 416-422.	0.3	91
26	Protective effect of the vagotonic action of morphine sulphate on ventricular vulnerability. Cardiovascular Research, 1978, 12, 167-172.	1.8	88
27	Progressive Increases in Complexity of T-Wave Oscillations Herald Ischemia-Induced Ventricular Fibrillation. Circulation Research, 2002, 91, 727-732.	2.0	88
28	Antifibrillatory action of the narcotic agonist fentanyl. American Heart Journal, 1988, 115, 598-605.	1.2	86
29	The Epileptic Heart: Concept and clinical evidence. Epilepsy and Behavior, 2020, 105, 106946.	0.9	85
30	Nonuniform Nighttime Distribution of Acute Cardiac Events. Circulation, 1997, 96, 3321-3327.	1.6	84
31	Heart rate, autonomic markers, and cardiac mortality. Heart Rhythm, 2009, 6, S68-S75.	0.3	79
32	Angerlike behavioral state potentiates myocardial ischemia-induced T-wave alternans in canines. Journal of the American College of Cardiology, 2001, 37, 1719-1725.	1.2	77
33	Tracking cardiac electrical instability by computing interlead heterogeneity of T-wave morphology. Journal of Applied Physiology, 2003, 95, 2265-2272.	1.2	77
34	Transatrial Access to the Normal Pericardial Space. Circulation, 1998, 98, 2331-2333.	1.6	76
35	Vagus nerve stimulation reduces cardiac electrical instability assessed by quantitative Tâ€wave alternans analysis in patients with drugâ€resistant focal epilepsy. Epilepsia, 2014, 55, 1996-2002.	2.6	75
36	The effects of psychological stress and vagal stimulation with morphine on vulnerability to ventricular fibrillation (VF) in the conscious dog. American Heart Journal, 1978, 95, 197-203.	1.2	74

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37	Impact of Sleep on Arrhythmogenesis. Circulation: Arrhythmia and Electrophysiology, 2009, 2, 450-459.	2.1	72
38	If inhibition in the atrioventricular node by ivabradine causes rate-dependent slowing of conduction and reduces ventricular rate during atrial fibrillation. Heart Rhythm, 2014, 11, 2288-2296.	0.3	61
39	LIFE-THREATENING CARDIOVASCULAR CONSEQUENCES OF ANGER IN PATIENTS WITH CORONARY HEART DISEASE. Cardiology Clinics, 1996, 14, 289-307.	0.9	58
40	Enhanced Predictive Power of Quantitative TWA during Routine Exercise Testing in the Finnish Cardiovascular Study. Journal of Cardiovascular Electrophysiology, 2009, 20, 408-415.	0.8	58
41	Persistent primary coronary dilation induced by transatrial delivery of nitroglycerin into the pericardial space: a novel approach for local cardiac drug delivery. Journal of the American College of Cardiology, 1999, 33, 2073-2077.	1.2	57
42	HCN2/SkM1 Gene Transfer Into Canine Left Bundle Branch Induces Stable, Autonomically Responsive Biological Pacing at Physiological Heart Rates. Journal of the American College of Cardiology, 2013, 61, 1192-1201.	1.2	55
43	Ambulatory ECG-Based T-Wave Alternans Monitoring for Risk Assessment and Guiding Medical Therapy: Mechanisms and Clinical Applications. Progress in Cardiovascular Diseases, 2013, 56, 172-185.	1.6	53
44	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. Epilepsy and Behavior, 2016, 62, 85-89.	0.9	53
45	Ca ²⁺ -Stimulated Adenylyl Cyclase AC1 Generates Efficient Biological Pacing as Single Gene Therapy and in Combination With HCN2. Circulation, 2012, 126, 528-536.	1.6	52
46	2017 ISHNE-HRS expert consensus statement on ambulatory ECG and external cardiac monitoring/telemetry. , 2017, 22, e12447.		52
47	T-Wave Alternans as a Therapeutic Marker for Antiarrhythmic Agents. Journal of Cardiovascular Pharmacology, 2010, 55, 544-554.	0.8	50
48	Autonomic regulation therapy suppresses quantitative T-wave alternans and improves baroreflex sensitivity in patients with heart failure enrolled in the ANTHEM-HF study. Heart Rhythm, 2016, 13, 721-728.	0.3	50
49	Differential effects of sleep stage on coronary hemodynamic function during stenosis. Physiology and Behavior, 1989, 45, 1017-1020.	1.0	48
50	Noninvasive Sudden Death Risk Stratification by Ambulatory ECG-Based T-Wave Alternans Analysis: Evidence and Methodological Guidelines. Annals of Noninvasive Electrocardiology, 2005, 10, 110-120.	0.5	48
51	Concentrated Ambient Particles Alter Myocardial Blood Flow during Acute Ischemia in Conscious Canines. Environmental Health Perspectives, 2009, 117, 333-337.	2.8	48
52	Relationship Between Coronary Hemodynamic Changes and the Phasic Events of Rapid Eye Movement Sleep. Sleep, 1993, 16, 550-557.	0.6	47
53	Low doses of ranolazine and dronedarone in combination exert potent protection against atrial fibrillation and vulnerability to ventricular arrhythmias during acute myocardial ischemia. Heart Rhythm, 2013, 10, 121-127.	0.3	47
54	Prediction of sudden cardiac death with automated high-throughput analysis of heterogeneity in standard resting 12-lead electrocardiograms. Heart Rhythm, 2016, 13, 713-720.	0.3	46

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55	Sympathetic Activity as the Cause of the Morning Increase in Cardiac Events. Circulation, 1995, 91, 2508-2509.	1.6	46
56	Antifibrillatory effect of ranolazine during severe coronary stenosis in the intact porcine model. Heart Rhythm, 2011, 8, 608-614.	0.3	44
57	Mechanisms of ranolazine's dual protection against atrial and ventricular fibrillation. Europace, 2013, 15, 317-324.	0.7	44
58	Potent Antifibrillatory Effect of Combined Blockade of Calcium Channels and 5-HT2 Receptors with Nexopamil During Myocardial Ischemia and Reperfusion in Dogs: Comparison to Diltiazem. Journal of Cardiovascular Pharmacology, 1996, 27, 777-787.	0.8	44
59	Cardiac Effects of Carbon Monoxide and Ambient Particles in a Rat Model of Myocardial Infarction. Toxicological Sciences, 2004, 80, 367-376.	1.4	43
60	T-Wave Alternans, Air Pollution and Traffic in High-Risk Subjects. American Journal of Cardiology, 2009, 104, 665-670.	0.7	43
61	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. Heart Rhythm, 2009, 6, 1765-1771.	0.3	43
62	Selective late sodium current blockade with GS-458967 markedly reduces ischemia-induced atrial and ventricular repolarization alternans and ECG heterogeneity. Heart Rhythm, 2014, 11, 1827-1835.	0.3	43
63	Effect of hypokalemia on susceptibility to ventricular fibrillation in the normal and ischemic canine heart. American Heart Journal, 1986, 112, 32-35.	1.2	42
64	Preclinical safety testing of percutaneous transatrial access to the normal pericardial space for local cardiac drug delivery and diagnostic sampling. Catheterization and Cardiovascular Interventions, 2000, 49, 472-477.	0.7	41
65	Effect of nitroglycerin on vulnerability to ventricular fibrillation during myocardial ischemia and reperfusion. American Journal of Cardiology, 1979, 43, 233-238.	0.7	40
66	Prevalence of Microvolt T-Wave Alternans in Patients With Long QT Syndrome and Its Association With Torsade de Pointes. Circulation: Arrhythmia and Electrophysiology, 2016, 9, e003206.	2.1	40
67	High prevalence of cardiac autonomic dysfunction and T-wave alternans in dialysis patients. Heart Rhythm, 2011, 8, 592-598.	0.3	38
68	Crescendo in Depolarization and Repolarization Heterogeneity Heralds Development of Ventricular Tachycardia in Hospitalized Patients With Decompensated Heart Failure. Circulation: Arrhythmia and Electrophysiology, 2012, 5, 84-90.	2.1	38
69	Role of corticosteroids in the treatment of circulatory collapse states. Clinical Pharmacology and Therapeutics, 1970, 11, 630-655.	2.3	36
70	Triggering of Sudden Death â€" Lessons from an Earthquake. New England Journal of Medicine, 1996, 334, 460-461.	13.9	36
71	Effect of Ranolazine on Ventricular Vulnerability and Defibrillation Threshold in the Intact Porcine Heart. Journal of Cardiovascular Electrophysiology, 2008, 19, 1073-1079.	0.8	36
72	Influence of intracoronary platelet aggregation on ventricular electrical properties during partial coronary artery stenosis. American Journal of Cardiology, 1983, 51, 596-602.	0.7	35

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73	Cardiac Performance in Experimental Adrenal Insufficiency in Cats. Circulation Research, 1968, 22, 817-827.	2.0	34
74	Usefulness of Tâ€Wave Alternans in Sudden Death Risk Stratification and Guiding Medical Therapy. Annals of Noninvasive Electrocardiology, 2010, 15, 276-288.	0.5	34
75	Timeâ€Domain Tâ€Wave Alternans is Strongly Associated with a History of Ventricular Fibrillation in Patients with Brugada Syndrome. Journal of Cardiovascular Electrophysiology, 2014, 25, 1021-1027.	0.8	33
76	Potent antifibrillatory effects of intrapericardial nitroglycerin in the ischemic porcine heart. Journal of the American College of Cardiology, 2003, 41, 1831-1837.	1.2	32
77	T-Wave Alternans: Does Size Matter. Journal of Cardiovascular Electrophysiology, 2005, 16, 625-628.	0.8	32
78	Intrapericardial Î²-Adrenergic Blockade with Esmolol Exerts a Potent Antitachycardic Effect Without Depressing Contractility. Journal of Cardiovascular Pharmacology, 2000, 36, 722-727.	0.8	32
79	Biological pacemakers in canines exhibit positive chronotropic response to emotional arousal. Heart Rhythm, 2010, 7, 1835-1840.	0.3	31
80	Combined Actions of Ivabradine and Ranolazine Reduce Ventricular Rate During Atrial Fibrillation. Journal of Cardiovascular Electrophysiology, 2015, 26, 329-335.	0.8	31
81	Acute Autonomic Engagement Assessed by Heart Rate Dynamics During Vagus Nerve Stimulation in Patients With Heart Failure in the ANTHEMâ€HF Trial. Journal of Cardiovascular Electrophysiology, 2016, 27, 1072-1077.	0.8	31
82	Cardiac electrical instability in newly diagnosed/chronic epilepsy tracked by Holter and ECG patch. Neurology, 2019, 93, 450-458.	1.5	31
83	Vagus Nerve Stimulation Provides Multiyear Improvements in Autonomic Function and Cardiac Electrical Stability in the ANTHEM-HF Study. Journal of Cardiac Failure, 2021, 27, 208-216.	0.7	31
84	Acute blood pressure elevation and ventricular fibrillation threshold during coronary occlusion and reperfusion in the dog. American Journal of Cardiology, 1977, 39, 523-528.	0.7	30
85	Importance of regional specificity of T-wave alternans in assessing risk for cardiovascular mortality and sudden cardiac death during routine exercise testing. Heart Rhythm, 2011, 8, 385-390.	0.3	30
86	Unmasking atrial repolarization to assess alternans, spatiotemporal heterogeneity, and susceptibility to atrial fibrillation. Heart Rhythm, 2016, 13, 953-961.	0.3	30
87	Tracking interlead heterogeneity of R- and T-wave morphology to disclose latent risk for sudden cardiac death. Heart Rhythm, 2017, 14, 1466-1475.	0.3	30
88	Intrapericardial Ranolazine Prolongs Atrial Refractory Period and Markedly Reduces Atrial Fibrillation Inducibility in the Intact Porcine Heart. Journal of Cardiovascular Pharmacology, 2010, 55, 286-291.	0.8	29
89	Screening Entire Health System ECG Databases to Identify Patients at Increased Risk of Death. Circulation: Arrhythmia and Electrophysiology, 2013, 6, 1156-1162.	2.1	29
90	Epileptic heart: A clinical syndromic approach. Epilepsia, 2021, 62, 1780-1789.	2.6	29

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91	Increased Release of Brain Serotonin Reduces Vulnerability to Ventricular Fibrillation in the Cat. Journal of Cardiovascular Pharmacology, 1987, 10, 389-397.	0.8	26
92	The role of the autonomic nervous system in cardiac arrhythmias. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2013, 117, 135-145.	1.0	26
93	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. Heart Rhythm, 2015, 12, 2508-2514.	0.3	25
94	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. Heart Rhythm, 2016, 13, 1679-1686.	0.3	25
95	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. Heart Rhythm, 2016, 13, 1860-1867.	0.3	24
96	Vagal Modulation of Epicardial Coronary Artery Size in Dogs. Circulation, 1995, 92, 2291-2298.	1.6	24
97	Intrinsic sympathomimetic activity and the effects of beta-adrenergic blocking drugs on vulnerability to ventricular fibrillation. Journal of the American College of Cardiology, 1983, 1, 1442-1446.	1.2	23
98	The Selective Cardiac Late Sodium Current Inhibitor GSâ€458967 Suppresses Autonomically Triggered Atrial Fibrillation in an Intact Porcine Model. Journal of Cardiovascular Electrophysiology, 2015, 26, 1364-1369.	0.8	23
99	Frequency Response Characteristics Required for Detection of T-Wave Alternans During Ambulatory ECG Monitoring. Annals of Noninvasive Electrocardiology, 1996, 1, 103-112.	0.5	22
100	Frayed Nerves in Myocardial Infarction. Circulation Research, 2004, 95, 5-6.	2.0	22
101	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. Heart Rhythm, 2017, 14, 448-454.	0.3	22
102	Effect of alpha-adrenergic receptor stimulation on ventricular electrical properties in the normal canine heart. American Heart Journal, 1983, 105, 366-371.	1.2	21
103	T-Wave Alternans During Ambulatory Ischemia in Patients with Stable Coronary Disease. Annals of Noninvasive Electrocardiology, 1996, 1, 113-120.	0.5	21
104	Continuous T-wave alternans monitoring to predict impending life-threatening cardiac arrhythmias during emergent coronary reperfusion therapy in patients with acute coronary syndrome. Europace, 2011, 13, 708-715.	0.7	21
105	Electrophysiology of T-wave alternans: Mechanisms and pharmacologic influences. Journal of Electrocardiology, 2013, 46, 580-584.	0.4	21
106	Sleep and Cardiac Arrhythmias. Annals of the New York Academy of Sciences, 1988, 533, 238-251.	1.8	20
107	Ambulatory ECG monitoring of T-Wave alternans for arrhythmia risk assessment. Journal of Electrocardiology, 2003, 36, 193-197.	0.4	20
108	Elevated Tâ€Wave Alternans Predicts Nonsustained Ventricular Tachycardia in Association with Percutaneous Coronary Intervention in STâ€Segment Elevation Myocardial Infarction (STEMI) Patients. Journal of Cardiovascular Electrophysiology, 2013, 24, 658-663.	0.8	20

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109	Inhibition of If in the atrioventricular node as a mechanism for dronedaroneâ€™s reduction in ventricular rate during atrial fibrillation. Heart Rhythm, 2013, 10, 1692-1697.	0.3	19
110	Interlead heterogeneity of Râ€•and Tâ€•wave morphology in standard 12â€•lead ECGs predicts sustained ventricular tachycardia/fibrillation and arrhythmic death in patients with cardiomyopathy. Journal of Cardiovascular Electrophysiology, 2017, 28, 1324-1333.	0.8	19
111	Is the Tpeak-Tend interval as a measure of repolarization heterogeneity dead or just seriously wounded?. Heart Rhythm, 2019, 16, 952-953.	0.3	19
112	The repetitive extrasystole as an index of vulnerability to ventricular fibrillation during myocardial ischemia in the canine heart. American Heart Journal, 1983, 106, 1321-1325.	1.2	18
113	Relation of T-Wave Alternans to Mortality and Nonsustained Ventricular Tachycardia in Patients With Nonâ€“ST-Segment Elevation Acute Coronary Syndrome from the MERLIN-TIMI 36 Trial of Ranolazine Versus Placebo. American Journal of Cardiology, 2014, 114, 17-23.	0.7	18
114	Influence of beta2-adrenoceptor stimulation and blockade on cardiac electrophysiologic properties and serum potassium concentration in the anesthetized dog. American Heart Journal, 1987, 113, 1066-1070.	1.2	17
115	Transient cardiorespiratory events during NREM sleep: A feline model for human microarousals. Journal of Sleep Research, 2000, 9, 185-191.	1.7	17
116	Repolarization Heterogeneity Measured With T-Wave Area Dispersion in Standard 12-Lead ECG Predicts Sudden Cardiac Death in General Population. Circulation: Arrhythmia and Electrophysiology, 2018, 11, e005762.	2.1	17
117	Cardiovascular Physiology: Central and Autonomic Regulation. , 2005, , 192-202.		17
118	Research Opportunities in Autonomic Neural Mechanisms of CardiopulmonaryÂRegulation. JACC Basic To Translational Science, 2022, 7, 265-293.	1.9	17
119	Influence of the autonomic nervous system on coronary blood flow during partial stenosis. American Heart Journal, 1982, 104, 249-253.	1.2	16
120	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. American Journal of Cardiology, 2014, 114, 832-837.	0.7	16
121	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. European Journal of Preventive Cardiology, 2015, 22, 1162-1170.	0.8	16
122	Myocardial Drug Distribution Pattern Following Intrapericardial Delivery: An MRI Analysis. Journal of Cardiovascular Magnetic Resonance, 2002, 4, 311-316.	1.6	15
123	Ranolazine Injection Into Coronary or Femoral Arteries Exerts Marked, Transient Regional Vasodilation Without Systemic Hypotension in an Intact Porcine Model. Circulation: Cardiovascular Interventions, 2011, 4, 481-487.	1.4	14
124	Dronedarone's Inhibition of I_f Current Is the Primary Mechanism Responsible for Its Bradycardic Effect. Journal of Cardiovascular Electrophysiology, 2013, 24, 914-918.	0.8	14
125	Screening for Cardiac Magnetic Resonance Scar Features by 12-Lead ECG, in Patients with Preserved Ejection Fraction. , 2016, 21, 49-59.		14
126	Delayed myocardial ischemia following the cessation of sympathetic stimulation. American Heart Journal, 1988, 115, 45-53.	1.2	13

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127	Atrioventricular conduction and cardiovascular mortality: Assessment of recovery PR interval is superior to pre-exercise measurement. Heart Rhythm, 2010, 7, 796-801.	0.3	13
128	Quantitative T-wave alternans analysis for guiding medical therapy: An underexploited opportunity. Trends in Cardiovascular Medicine, 2015, 25, 201-213.	2.3	13
129	Quantitative evaluation of heartbeat interval time series using PoincarÃ© analysis reveals distinct patterns of heart rate dynamics during cycles of vagus nerve stimulation in patients with heart failure. Journal of Electrocardiology, 2017, 50, 898-903.	0.4	13
130	Exercise-induced quantitative microvolt T-wave alternans in hypertrophic cardiomyopathy. Journal of Electrocardiology, 2017, 50, 184-190.	0.4	13
131	Exercise Stress Testing for T Wave Alternans to Expose Latent Electrical Instability. Journal of Cardiovascular Electrophysiology, 1997, 8, 994-997.	0.8	12
132	Longâ€term pericardial catheterization is associated with minimum foreignâ€body response. Catheterization and Cardiovascular Interventions, 2007, 70, 221-227.	0.7	12
133	Prognostic implications of quantitative ST-segment characteristics and T-wave amplitude for cardiovascular mortality in a general population from the Health 2000 Survey. Annals of Medicine, 2010, 42, 502-511.	1.5	12
134	Accelerated conversion of atrial fibrillation to normal sinus rhythm by pulmonary delivery of flecainide acetate in a porcine model. Heart Rhythm, 2018, 15, 1882-1888.	0.3	12
135	PREVENTION OF VENTRICULAR FIBRILLATION BY USE OF LOW-INTENSITY ELECTRICAL STIMULI. Annals of the New York Academy of Sciences, 1982, 382, 355-370.	1.8	11
136	Vulnerability to ventricular fibrillation in patients with clinically manifest ventricular tachycardia. American Heart Journal, 1984, 108, 884-889.	1.2	11
137	Suppression of Calcium-Induced Repolarization Heterogeneity as a Mechanism of Nitroglycerin??s Antiarrhythmic Action. Journal of Cardiovascular Pharmacology, 2006, 48, 22-29.	0.8	11
138	Microvolt T-Wave Alternans Testing Has a Role in Arrhythmia Risk Stratification. Journal of the American College of Cardiology, 2012, 59, 1572-1573.	1.2	11
139	Spectrum of clinical applications of interlead ECG heterogeneity assessment: From myocardial ischemia detection to sudden cardiac death risk stratification. Annals of Noninvasive Electrocardiology, 2021, 26, e12894.	0.5	11
140	Protective effect of verapamil on ventricular vulnerability during coronary artery occlusion and reperfusion. American Journal of Cardiology, 1978, 41, 426.	0.7	10
141	The impact of emotions on the heart. Progress in Brain Research, 2000, 122, 369-380.	0.9	10
142	Experimental Studies of Psychophysiological Factors in Sudden Cardiac Death. Acta Medica Scandinavica, 1982, 211, 57-68.	0.0	10
143	Extra-adrenergic mechanisms responsible for the effects of glucose-insulin-potassium solution on vulnerability to ventricular fibrillation. American Journal of Cardiology, 1981, 47, 251-257.	0.7	9
144	Effects of sulfinpyrazone on ventricular vulnerability in the normal and the ischemic heart. American Journal of Cardiology, 1982, 50, 271-275.	0.7	9

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145	Technique for Implantation of Chronic Indwelling Aortic Access Catheters. Journal of Investigative Surgery, 2006, 19, 397-405.	0.6	9
146	Is heart disease in chronic epilepsy a consequence of seizures or a fellow traveler?. Epilepsy and Behavior, 2018, 86, 211-213.	0.9	9
147	Pulmonary Delivery of Antiarrhythmic Drugs for Rapid Conversion of New-Onset Atrial Fibrillation. Journal of Cardiovascular Pharmacology, 2020, 75, 276-283.	0.8	9
148	Multifactorial Benefits of Chronic Vagus Nerve Stimulation on Autonomic Function and Cardiac Electrical Stability in Heart Failure Patients With Reduced Ejection Fraction. Frontiers in Physiology, 2022, 13, 855756.	1.3	9
149	Analysis of complex T-wave oscillations for prediction of ventricular fibrillation. Journal of Electrocardiology, 2003, 36, 199-203.	0.4	8
150	Multilead Templateâ€Derived Residua of Surface ECGS for Quantitative Assessment of Arrhythmia Risk. Annals of Noninvasive Electrocardiology, 2015, 20, 273-281.	0.5	8
151	Tâ€Wave Alternans, Heart Rate Turbulence, and Ventricular Ectopy in Standard versus Daily Hemodialysis: Results from the FHN Daily Trial. Annals of Noninvasive Electrocardiology, 2016, 21, 566-571.	0.5	8
152	Comparative Pharmacokinetic and Electrocardiographic Effects of Intratracheal and Intravenous Administration of Flecainide in Anesthetized Pigs. Journal of Cardiovascular Pharmacology, 2018, 72, 129-135.	0.8	8
153	Optimizing flecainide plasma concentration profile for atrial fibrillation conversion while minimizing adverse ventricular effects by rapid, low-dose intratracheal or intravenous administration. International Journal of Cardiology, 2019, 274, 170-174.	0.8	8
154	The effects of nitroglycerin on intracoronary platelet aggregation and ventricular vulnerability during partial coronary stenosis. American Journal of Cardiology, 1981, 47, 489.	0.7	7
155	Protective effect of tiapamil against ventricular fibrillation during coronary artery occlusion. American Heart Journal, 1986, 111, 878-882.	1.2	7
156	Opioids in Pain and Cardiovascular Responses: Overview of Common Features. Journal of Cardiovascular Electrophysiology, 1991, 2, s34-s42.	0.8	7
157	Transatrial Access to the Normal Pericardial Space For Local Cardiac Therapy: Preclinical Safety Testing with Aspirin and Pulmonary Artery Hypertension. Journal of Interventional Cardiology, 2001, 14, 493-498.	0.5	7
158	The Enigmatic Cardiac Fat Pads: Critical but Underappreciated Neural Regulatory Sites. Journal of Cardiovascular Electrophysiology, 2002, 13, 902-903.	0.8	7
159	Treatment options for patients with coronary artery disease identified as high risk by T-wave alternans testing. Current Treatment Options in Cardiovascular Medicine, 2008, 10, 39-48.	0.4	7
160	Clinical applications of T-wave alternans assessed during exercise stress testing and ambulatory ECG monitoring. Journal of Electrocardiology, 2013, 46, 585-590.	0.4	7
161	Ranolazine reduces repolarization heterogeneity inÂsymptomatic patients with diabetes and nonâ€“flowâ€limiting coronary artery stenosis. Annals of Noninvasive Electrocardiology, 2018, 23, .	0.5	7
162	The power of the patch: A smart way to track risk for Torsades de pointes in congenital and drug-induced long QT syndromes?. International Journal of Cardiology, 2018, 266, 145-146.	0.8	7

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163	Pulmonary delivery of flecainide causes a rateâ€dependent predominant effect on atrial compared with ventricular depolarization duration revealed by intracardiac recordings in an intact porcine model. Journal of Cardiovascular Electrophysiology, 2018, 29, 1563-1569.	0.8	7
164	Chronic vagus nerve stimulation is associated with multi-year improvement in intrinsic heart rate recovery and left ventricular ejection fraction in ANTHEM-HF. Clinical Autonomic Research, 2021, 31, 453-462.	1.4	7
165	Flecainide-induced QRS complex widening correlates with negative inotropy. Heart Rhythm, 2021, 18, 1416-1422.	0.3	7
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