

Christopher A Rinaldi, Fhrs

List of Publications by Citations

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200
papers

2,547
citations

26
h-index

40
g-index

222
ext. papers

3,406
ext. citations

4.1
avg, IF

4.93
L-index

#	Paper	IF	Citations
200	The European Lead Extraction ConTRolled (ELECTRa) study: a European Heart Rhythm Association (EHRA) Registry of Transvenous Lead Extraction Outcomes. <i>European Heart Journal</i> , 2017 , 38, 2995-3005	9.5	190
199	Length-dependent tension in the failing heart and the efficacy of cardiac resynchronization therapy. <i>Cardiovascular Research</i> , 2011 , 89, 336-43	9.9	114
198	Cardiac Resynchronization Therapy Delivered Via a Multipolar Left Ventricular Lead is Associated with Reduced Mortality and Elimination of Phrenic Nerve Stimulation: Long-Term Follow-Up from a Multicenter Registry. <i>Journal of Cardiovascular Electrophysiology</i> , 2015 , 26, 540-6	2.7	74
197	First prospective, multi-centre clinical experience with a novel left ventricular quadripolar lead. <i>Europace</i> , 2012 , 14, 365-72	3.9	69
196	A review of multisite pacing to achieve cardiac resynchronization therapy. <i>Europace</i> , 2015 , 17, 7-17	3.9	58
195	Pacemaker and defibrillator lead extraction: predictors of mortality during follow-up. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2010 , 33, 209-16	1.6	53
194	Cardiac resynchronization therapy non-responder to responder conversion rate in the more response to cardiac resynchronization therapy with MultiPoint Pacing (MORE-CRT MPP) study: results from Phase I. <i>European Heart Journal</i> , 2019 , 40, 2979-2987	9.5	50
193	Cardiac magnetic resonance-derived anatomy, scar, and dyssynchrony fused with fluoroscopy to guide LV lead placement in cardiac resynchronization therapy: a comparison with acute haemodynamic measures and echocardiographic reverse remodelling. <i>European Heart Journal Cardiovascular Imaging</i> , 2013 , 14, 692-9	4.1	50
192	Contribution of PET Imaging to the Diagnosis of Septic Embolism in Patients With Pacing Lead Endocarditis. <i>JACC: Cardiovascular Imaging</i> , 2016 , 9, 283-90	8.4	41
191	Initial single-center experience of a quadripolar pacing lead for cardiac resynchronization therapy. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2011 , 34, 484-9	1.6	40
190	Modeling the Electrophysiological Properties of the Infarct Border Zone. <i>Frontiers in Physiology</i> , 2018 , 9, 356	4.6	39
189	A prospective evaluation of cardiovascular magnetic resonance measures of dyssynchrony in the prediction of response to cardiac resynchronization therapy. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2014 , 16, 58	6.9	38
188	Laser lead extraction to facilitate cardiac implantable electronic device upgrade and revision in the presence of central venous obstruction. <i>Europace</i> , 2014 , 16, 81-7	3.9	37
187	Extraction of chronic pacemaker and defibrillator leads from the coronary sinus: laser infrequently used but required. <i>Europace</i> , 2009 , 11, 213-5	3.9	37
186	Beneficial Effect on Cardiac Resynchronization From Left Ventricular Endocardial Pacing Is Mediated by Early Access to High Conduction Velocity Tissue: Electrophysiological Simulation Study. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015 , 8, 1164-72	6.4	36
185	Oscillatory behavior of ventricular action potential duration in heart failure patients at respiratory rate and low frequency. <i>Frontiers in Physiology</i> , 2014 , 5, 414	4.6	33
184	Treatment of inappropriate sinus tachycardia with ivabradine in a patient with postural orthostatic tachycardia syndrome and a dual chamber pacemaker. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2009 , 32, 131-3	1.6	33

183	Optimized Left Ventricular Endocardial Stimulation Is Superior to Optimized Epicardial Stimulation in Ischemic Patients With Poor Response to Cardiac Resynchronization Therapy: A Combined Magnetic Resonance Imaging, Electroanatomic Contact Mapping, and Hemodynamic Study to Target Endocardial Lead Placement. <i>JACC: Clinical Electrophysiology</i> , 2016 , 2, 799-809	4.6	32
182	A framework for combining a motion atlas with non-motion information to learn clinically useful biomarkers: Application to cardiac resynchronisation therapy response prediction. <i>Medical Image Analysis</i> , 2017 , 35, 669-684	15.4	30
181	Comprehensive use of cardiac computed tomography to guide left ventricular lead placement in cardiac resynchronization therapy. <i>Heart Rhythm</i> , 2017 , 14, 1364-1372	6.7	30
180	Randomized, double-blind crossover study to investigate the effects of amlodipine and isosorbide mononitrate on the time course and severity of exercise-induced myocardial stunning. <i>Circulation</i> , 1998 , 98, 749-56	16.7	30
179	A U-shaped type II contraction pattern in patients with strict left bundle branch block predicts super-response to cardiac resynchronization therapy. <i>Heart Rhythm</i> , 2014 , 11, 1790-7	6.7	29
178	Noninvasive assessment of LV contraction patterns using CMR to identify responders to CRT. <i>JACC: Cardiovascular Imaging</i> , 2013 , 6, 864-73	8.4	28
177	Cardiac MRI to investigate myocardial scar and coronary venous anatomy using a slow infusion of dimeglumine gadobenate in patients undergoing assessment for cardiac resynchronization therapy. <i>Journal of Magnetic Resonance Imaging</i> , 2011 , 33, 87-95	5.6	28
176	Computational Modeling for Cardiac Resynchronization Therapy. <i>Journal of Cardiovascular Translational Research</i> , 2018 , 11, 92-108	3.3	27
175	The relative role of patient physiology and device optimisation in cardiac resynchronisation therapy: A computational modelling study. <i>Journal of Molecular and Cellular Cardiology</i> , 2016 , 96, 93-100 ^{5.8}	5.8	27
174	Diagnosis and management of iatrogenic cardiac perforation caused by pacemaker and defibrillator leads. <i>Europace</i> , 2017 , 19, 1031-1037	3.9	26
173	Understanding non-response to cardiac resynchronisation therapy: common problems and potential solutions. <i>Heart Failure Reviews</i> , 2019 , 24, 41-54	5	26
172	Real-world experience of leadless left ventricular endocardial cardiac resynchronization therapy: A multicenter international registry of the WiSE-CRT pacing system. <i>Heart Rhythm</i> , 2020 , 17, 1291-1297	6.7	25
171	Simulating ventricular systolic motion in a four-chamber heart model with spatially varying robin boundary conditions to model the effect of the pericardium. <i>Journal of Biomechanics</i> , 2020 , 101, 109645 ^{2.9}	2.9	25
170	The Emerging Role of Cardiac Magnetic Resonance Imaging in the Evaluation of Patients with HFpEF. <i>Current Heart Failure Reports</i> , 2018 , 15, 1-9	2.8	25
169	A publicly available virtual cohort of four-chamber heart meshes for cardiac electro-mechanics simulations. <i>PLoS ONE</i> , 2020 , 15, e0235145	3.7	24
168	Pacing in proximity to scar during cardiac resynchronization therapy increases local dispersion of repolarization and susceptibility to ventricular arrhythmogenesis. <i>Heart Rhythm</i> , 2019 , 16, 1475-1483	6.7	23
167	Transfer Learning From Simulations on a Reference Anatomy for ECGI in Personalized Cardiac Resynchronization Therapy. <i>IEEE Transactions on Biomedical Engineering</i> , 2019 , 66, 343-353	5	23
166	Positive response to cardiac resynchronization therapy reduces arrhythmic events after elective generator change in patients with primary prevention CRT-D. <i>Journal of Cardiovascular Electrophysiology</i> , 2014 , 25, 1368-75	2.7	23

165	Unraveling the Underlying Arrhythmia Mechanism in Persistent Atrial Fibrillation: Results From the STARLIGHT Study. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018 , 11, e005897	6.4	23
164	Real-Time X-MRI-Guided Left Ventricular Lead Implantation for Targeted Delivery of Cardiac Resynchronization Therapy. <i>JACC: Clinical Electrophysiology</i> , 2017 , 3, 803-814	4.6	22
163	Comparison of delayed transvenous reimplantation and immediate surgical epicardial approach in pacing-dependent patients undergoing extraction of infected permanent pacemakers. <i>Heart Rhythm</i> , 2015 , 12, 1209-15	6.7	22
162	European Heart Rhythm Association (EHRA) international consensus document on how to prevent, diagnose, and treat cardiac implantable electronic device infections--endorsed by the Heart Rhythm Society (HRS), the Asia Pacific Heart Rhythm Society (APHRS), the Latin American Heart Rhythm Society (LAHRS), the International Society for Cardiac Electrophysiology (ISCEP), and the Japanese Heart Rhythm Society (JHRS). <i>Circulation</i> , 2015 , 132, e1-e31	3	22
161	Biophysical Modeling Predicts Ventricular Tachycardia Inducibility and Circuit Morphology: A Combined Clinical Validation and Computer Modeling Approach. <i>Journal of Cardiovascular Electrophysiology</i> , 2016 , 27, 851-60	2.7	22
160	3D/2D model-to-image registration by imitation learning for cardiac procedures. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2018 , 13, 1141-1149	3.9	22
159	An activation-repolarization time metric to predict localized regions of high susceptibility to reentry. <i>Heart Rhythm</i> , 2015 , 12, 1644-53	6.7	21
158	Procedural outcomes associated with transvenous lead extraction in patients with abandoned leads: an ESC-EHRA ELECTRa (European Lead Extraction ConTRolled) Registry Sub-Analysis. <i>Europace</i> , 2019 , 21, 645-654	3.9	20
157	Cost-Effectiveness Analysis of Quadripolar Versus Bipolar Left Ventricular Leads for Cardiac Resynchronization Defibrillator Therapy in a Large, Multicenter UK Registry. <i>JACC: Clinical Electrophysiology</i> , 2017 , 3, 107-116	4.6	19
156	A rule-based method for predicting the electrical activation of the heart with cardiac resynchronization therapy from non-invasive clinical data. <i>Medical Image Analysis</i> , 2019 , 57, 197-213	15.4	19
155	Combined identification of septal flash and absence of myocardial scar by cardiac magnetic resonance imaging improves prediction of response to cardiac resynchronization therapy. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2014 , 40, 179-90	2.4	19
154	Biophysical Modeling to Determine the Optimization of Left Ventricular Pacing Site and AV/VV Delays in the Acute and Chronic Phase of Cardiac Resynchronization Therapy. <i>Journal of Cardiovascular Electrophysiology</i> , 2017 , 28, 208-215	2.7	18
153	His-bundle and left bundle pacing with optimized atrioventricular delay achieve superior electrical synchrony over endocardial and epicardial pacing in left bundle branch block patients. <i>Heart Rhythm</i> , 2020 , 17, 1922-1929	6.7	18
152	ELECTRa (European Lead Extraction ConTRolled) Registry--shedding light on transvenous lead extraction real-world practice in Europe. <i>Herzschrittmachertherapie Und Elektrophysiologie</i> , 2013 , 24, 171-5	0.8	18
151	Effect of mental challenge induced by movie clips on action potential duration in normal human subjects independent of heart rate. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2014 , 7, 518-23	6.4	18
150	Analyses of the redistribution of work following cardiac resynchronisation therapy in a patient specific model. <i>PLoS ONE</i> , 2012 , 7, e43504	3.7	18
149	An integrated platform for image-guided cardiac resynchronization therapy. <i>Physics in Medicine and Biology</i> , 2012 , 57, 2953-68	3.8	17
148	Design and rationale for the Stimulation Of the Left Ventricular Endocardium for Cardiac Resynchronization Therapy in non-responders and previously untreatable patients (SOLVE-CRT) trial. <i>American Heart Journal</i> , 2019 , 217, 13-22	4.9	16

147	Limitations of chronic delivery of multi-vein left ventricular stimulation for cardiac resynchronization therapy. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2015 , 42, 135-42	2.4	16
146	Biventricular Paced QRS Area Predicts Acute Hemodynamic CRT Response Better Than QRS Duration or QRS Amplitudes. <i>Journal of Cardiovascular Electrophysiology</i> , 2017 , 28, 192-200	2.7	15
145	Investigating a Novel Activation-Repolarisation Time Metric to Predict Localised Vulnerability to Reentry Using Computational Modelling. <i>PLoS ONE</i> , 2016 , 11, e0149342	3.7	15
144	Intra-Atrial Conduction Delay Revealed by Multisite Incremental Atrial Pacing is an Independent Marker of Remodeling in Human Atrial Fibrillation. <i>JACC: Clinical Electrophysiology</i> , 2017 , 3, 1006-1017	4.6	14
143	Completely Leadless Cardiac Resynchronization Defibrillator System. <i>JACC: Clinical Electrophysiology</i> , 2020 , 6, 588-589	4.6	14
142	Guidance for Optimal Site Selection of a Leadless Left Ventricular Endocardial Electrode Improves Acute Hemodynamic Response and Chronic Remodeling. <i>JACC: Clinical Electrophysiology</i> , 2018 , 4, 860-868	4.6	14
141	The effect of activation rate on left atrial bipolar voltage in patients with paroxysmal atrial fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2017 , 28, 1028-1036	2.7	14
140	Autonomic Modulation in Patients with Heart Failure Increases Beat-to-Beat Variability of Ventricular Action Potential Duration. <i>Frontiers in Physiology</i> , 2017 , 8, 328	4.6	14
139	Rationale and design of a randomized clinical trial to assess the safety and efficacy of multipoint pacing therapy: MOre REsponse on Cardiac Resynchronization Therapy with MultiPoint Pacing (MORE-CRT MPP-PHASE II). <i>American Heart Journal</i> , 2019 , 209, 1-8	4.9	14
138	Out-of-hospital cardiac arrest due to idiopathic ventricular fibrillation in patients with normal electrocardiograms: results from a multicentre long-term registry. <i>Europace</i> , 2019 , 21, 1670-1677	3.9	13
137	Mean entropy predicts implantable cardioverter-defibrillator therapy using cardiac magnetic resonance texture analysis of scar heterogeneity. <i>Heart Rhythm</i> , 2019 , 16, 1242-1250	6.7	13
136	Beat-to-Beat Variability of Ventricular Action Potential Duration Oscillates at Low Frequency During Sympathetic Provocation in Humans. <i>Frontiers in Physiology</i> , 2018 , 9, 147	4.6	13
135	Substrate-dependent risk stratification for implantable cardioverter defibrillator therapies using cardiac magnetic resonance imaging: The importance of T1 mapping in nonischemic patients. <i>Journal of Cardiovascular Electrophysiology</i> , 2017 , 28, 785-795	2.7	12
134	The role of transvenous lead extraction in the management of redundant or malfunctioning pacemaker and defibrillator leads post ELECTRa. <i>Europace</i> , 2018 , 20, 1733-1740	3.9	12
133	The current practice and perception of cardiac implantable electronic device transvenous lead extraction in the UK. <i>Europace</i> , 2013 , 15, 865-70	3.9	12
132	Evaluation of the reentry vulnerability index to predict ventricular tachycardia circuits using high-density contact mapping. <i>Heart Rhythm</i> , 2020 , 17, 576-583	6.7	12
131	Usefulness of Cardiac Magnetic Resonance Imaging to Measure Left Ventricular Wall Thickness for Determining Risk Scores for Sudden Cardiac Death in Patients With Hypertrophic Cardiomyopathy. <i>American Journal of Cardiology</i> , 2017 , 119, 1450-1455	3	11
130	Relationship between vectorcardiographic QRS, myocardial scar quantification, and response to cardiac resynchronization therapy. <i>Journal of Electrocardiology</i> , 2018 , 51, 457-463	1.4	11

129	Emerging role of cardiac computed tomography in heart failure. <i>ESC Heart Failure</i> , 2019 , 6, 909-920	3.7	11
128	Updates in Cardiac Resynchronization Therapy for Chronic Heart Failure: Review of Multisite Pacing. <i>Current Heart Failure Reports</i> , 2017 , 14, 376-383	2.8	11
127	3D/2D Registration with superabundant vessel reconstruction for cardiac resynchronization therapy. <i>Medical Image Analysis</i> , 2017 , 42, 160-172	15.4	11
126	Predictors of mortality and outcomes in transvenous lead extraction for systemic and local infection cohorts. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2019 , 42, 73-84	1.6	11
125	Transseptal Delivery of a Leadless Left Ventricular Endocardial Pacing Electrode. <i>JACC: Clinical Electrophysiology</i> , 2017 , 3, 1333-1335	4.6	10
124	The use of a single chamber leadless pacemaker for the treatment of cardioinhibitory vasovagal syncope. <i>IJC Heart and Vasculature</i> , 2019 , 23, 100349	2.4	10
123	Current concepts relating coronary flow, myocardial perfusion and metabolism in left bundle branch block and cardiac resynchronisation therapy. <i>International Journal of Cardiology</i> , 2015 , 181, 65-72 ^{3,2}		10
122	Combined computed tomographic perfusion and mechanics with predicted activation pattern can successfully guide implantation of a wireless endocardial pacing system. <i>Europace</i> , 2020 , 22, 298	3.9	9
121	Chronic Right Ventricular Pacing in the Heart Failure Population. <i>Current Heart Failure Reports</i> , 2018 , 15, 61-69	2.8	9
120	An Asymmetric Wall-Thickening Pattern Predicts Response to Cardiac Resynchronization Therapy. <i>JACC: Cardiovascular Imaging</i> , 2018 , 11, 1545-1546	8.4	9
119	Generation of a cohort of whole-torso cardiac models for assessing the utility of a novel computed shock vector efficiency metric for ICD optimisation. <i>Computers in Biology and Medicine</i> , 2019 , 112, 103368	7	9
118	Prolonged lead dwell time and lead burden predict bailout transfemoral lead extraction. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2019 , 42, 1355-1364	1.6	9
117	The role of multi modality imaging in selecting patients and guiding lead placement for the delivery of cardiac resynchronization therapy. <i>Expert Review of Cardiovascular Therapy</i> , 2017 , 15, 93-107	2.5	9
116	Effect of autonomic blocking agents on the respiratory-related oscillations of ventricular action potential duration in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015 , 309, H2108-17	5.2	9
115	Is heart failure with mid range ejection fraction (HFmrEF) a distinct clinical entity or an overlap group?. <i>IJC Heart and Vasculature</i> , 2018 , 21, 1-6	2.4	9
114	A Planning and Guidance Platform for Cardiac Resynchronization Therapy. <i>IEEE Transactions on Medical Imaging</i> , 2017 , 36, 2366-2375	11.7	8
113	Effects of Epicardial and Endocardial Cardiac Resynchronization Therapy on Coronary Flow: Insights From Wave Intensity Analysis. <i>Journal of the American Heart Association</i> , 2015 , 4,	6	8
112	Interpretable Deep Models for Cardiac Resynchronisation Therapy Response Prediction. <i>Lecture Notes in Computer Science</i> , 2020 , 2020, 284-293	0.9	8

111	Additional electrodes on the Quartet ^{LLV} lead provide more programmable pacing options than bipolar and tripolar equivalents. <i>Europace</i> , 2017 , 19, 588-595	3.9	8
110	Optimization of CRT programming using non-invasive electrocardiographic imaging to assess the acute electrical effects of multipoint pacing. <i>Journal of Arrhythmia</i> , 2019 , 35, 267-275	1.5	7
109	Characterizing the clinical implementation of a novel activation-repolarization metric to identify targets for catheter ablation of ventricular tachycardias using computational models. <i>Computers in Biology and Medicine</i> , 2019 , 108, 263-275	7	7
108	Left ventricular activation-recovery interval variability predicts spontaneous ventricular tachyarrhythmia in patients with heart failure. <i>Heart Rhythm</i> , 2019 , 16, 702-709	6.7	7
107	Leadless left ventricular endocardial pacing in nonresponders to conventional cardiac resynchronization therapy. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2020 , 43, 966-973	1.6	7
106	Local activation time sampling density for atrial tachycardia contact mapping: how much is enough?. <i>Europace</i> , 2018 , 20, e11-e20	3.9	7
105	Optimal site selection and image fusion guidance technology to facilitate cardiac resynchronization therapy. <i>Expert Review of Medical Devices</i> , 2018 , 15, 555-570	3.5	7
104	A rare complication from transeptal puncture-persistent aorto-right atrial shunt and puncture of noncoronary cusp of aortic valve. <i>Heart Rhythm</i> , 2012 , 9, 2089-90	6.7	7
103	Successful transeptal puncture for radiofrequency ablation of left atrial tachycardia after closure of secundum atrial septal defect with Amplatzer septal occluder. <i>Cardiology in the Young</i> , 2010 , 20, 226-8	1	7
102	Electrocardiographic imaging for cardiac arrhythmias and resynchronization therapy. <i>Europace</i> , 2020 ,	3.9	7
101	Improvement of Right Ventricular Hemodynamics with Left Ventricular Endocardial Pacing during Cardiac Resynchronization Therapy. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2016 , 39, 531-41	1.6	7
100	Treatment of left-sided prosthetic valve thrombosis: thrombolysis or surgery?. <i>Journal of Heart Valve Disease</i> , 2002 , 11, 839-43		7
99	Sex-Dependent QRS Guidelines for Cardiac Resynchronization Therapy Using Computer Model Predictions. <i>Biophysical Journal</i> , 2019 , 117, 2375-2381	2.9	6
98	Complications associated with cardiac resynchronization therapy upgrades versus de novo implantations. <i>Expert Review of Cardiovascular Therapy</i> , 2018 , 16, 607-615	2.5	6
97	ECG imaging of ventricular tachycardia: evaluation against simultaneous non-contact mapping and CMR-derived grey zone. <i>Medical and Biological Engineering and Computing</i> , 2017 , 55, 979-990	3.1	6
96	The effect of centre volume and procedure location on major complications and mortality from transvenous lead extraction: an ESC EHRA EORP European Lead Extraction ConTROLLED ELECTRa registry subanalysis. <i>Europace</i> , 2020 , 22, 1718-1728	3.9	6
95	Transvenous lead extraction in patients with cardiac resynchronization therapy devices is not associated with increased 30-day mortality. <i>Europace</i> , 2019 , 21, 928-936	3.9	6
94	Non-invasive electrophysiological assessment of the optimal configuration of quadripolar lead vectors on ventricular activation times. <i>Journal of Electrocardiology</i> , 2018 , 51, 714-719	1.4	6

93	Scar shape analysis and simulated electrical instabilities in a non-ischemic dilated cardiomyopathy patient cohort. <i>PLoS Computational Biology</i> , 2019 , 15, e1007421	5	5
92	Complex Interaction Between Low-Frequency APD Oscillations and Beat-to-Beat APD Variability in Humans Is Governed by the Sympathetic Nervous System. <i>Frontiers in Physiology</i> , 2019 , 10, 1582	4.6	5
91	Electrical latency predicts the optimal left ventricular endocardial pacing site: results from a multicentre international registry. <i>Europace</i> , 2018 , 20, 1989-1996	3.9	5
90	Predictors and outcomes of patients requiring repeat transvenous lead extraction of pacemaker and defibrillator leads. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2018 , 41, 155-160	1.6	5
89	Myocardial strain computed at multiple spatial scales from tagged magnetic resonance imaging: Estimating cardiac biomarkers for CRT patients. <i>Medical Image Analysis</i> , 2018 , 43, 169-185	15.4	5
88	Phrenic nerve stimulation with the quadripolar left ventricular lead not overcome by electronic repositioning. <i>Europace</i> , 2012 , 14, 608-9	3.9	5
87	Cardiac Unfold: A Novel Technique for Image-Guided Cardiac Catheterization Procedures. <i>Lecture Notes in Computer Science</i> , 2012 , 104-114	0.9	5
86	Multisite Pacing for Cardiac Resynchronization Therapy: Promise and Pitfalls. <i>Current Cardiology Reports</i> , 2016 , 18, 64	4.2	5
85	Clinical impact of antithrombotic therapy in transvenous lead extraction complications: a sub-analysis from the ESC-EORP EHRA ELECTRa (European Lead Extraction ConTRolled) Registry. <i>Europace</i> , 2019 , 21, 1096-1105	3.9	4
84	Cost-effectiveness of a risk-stratified approach to cardiac resynchronisation therapy defibrillators (high versus low) at the time of generator change. <i>Heart</i> , 2018 , 104, 416-422	5.1	4
83	A comparison of the different features of quadripolar left ventricular pacing leads to deliver cardiac resynchronization therapy. <i>Expert Review of Medical Devices</i> , 2017 , 14, 697-706	3.5	4
82	New developments in the delivery of cardiac resynchronization therapy: targeted lead placement, multi-site and endocardial pacing. <i>Expert Review of Medical Devices</i> , 2014 , 11, 295-304	3.5	4
81	Successful catheter ablation of focal ventricular fibrillation in a patient with nonischemic dilated cardiomyopathy. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2011 , 34, e38-42	1.6	4
80	A biventricular ICD system with biventricular defibrillation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2006 , 29, 334-6	1.6	4
79	Tachycardia-induced cardiomyopathy caused by atrial flutter responding to DC cardioversion. <i>British Journal of Hospital Medicine</i> , 1999 , 60, 305-6		4
78	Risk stratification of patients undergoing transvenous lead extraction with the ELECTRa Registry Outcome Score (EROS): an ESC EHRA EORP European lead extraction ConTRolled ELECTRa registry analysis. <i>Europace</i> , 2021 , 23, 1462-1471	3.9	4
77	Feasibility of intraprocedural integration of cardiac CT to guide left ventricular lead implantation for CRT upgrades. <i>Journal of Cardiovascular Electrophysiology</i> , 2021 , 32, 802-812	2.7	4
76	Left ventricular scar and the acute hemodynamic effects of multivein and multipolar pacing in cardiac resynchronization. <i>IJC Heart and Vasculature</i> , 2018 , 19, 14-19	2.4	4

75	Image Integration to Guide Wireless Endocardial LV Electrode Implantation for CRT. <i>JACC: Cardiovascular Imaging</i> , 2017 , 10, 1526-1528	8.4	3
74	Guided left ventricular lead placement for cardiac resynchronization therapy: an opportunity for image integration. <i>European Journal of Heart Failure</i> , 2017 , 19, 435	12.3	3
73	Narrow QRS systolic heart failure: is there a target for cardiac resynchronization?. <i>Expert Review of Cardiovascular Therapy</i> , 2015 , 13, 783-97	2.5	3
72	Changes in contractility determine coronary haemodynamics in dyssynchronous left ventricular heart failure, not vice versa. <i>IJC Heart and Vasculature</i> , 2018 , 19, 8-13	2.4	3
71	Laser extraction of a defibrillator lead from a persistent left superior vena cava. <i>Europace</i> , 2013 , 15, 1174.9		3
70	A shocking lead in the coronary sinus. <i>Europace</i> , 2009 , 11, 833-4	3.9	3
69	Automated Left Ventricle Ischemic Scar Detection in CT Using Deep Neural Networks. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 655252	5.4	3
68	Pulse Arrival Time and Pulse Interval as Accurate Markers to Detect Mechanical Alternans. <i>Annals of Biomedical Engineering</i> , 2019 , 47, 1291-1299	4.7	3
67	Conceptual Intra-Cardiac Electrode Configurations That Facilitate Directional Cardiac Stimulation for Optimal Electrotherapy. <i>IEEE Transactions on Biomedical Engineering</i> , 2019 , 66, 1259-1268	5	3
66	Late-Gadolinium Enhancement Interface Area and Electrophysiological Simulations Predict Arrhythmic Events in Patients With Nonischemic Dilated Cardiomyopathy. <i>JACC: Clinical Electrophysiology</i> , 2021 , 7, 238-249	4.6	3
65	Leadless left ventricular endocardial pacing for CRT upgrades in previously failed and high-risk patients in comparison with coronary sinus CRT upgrades. <i>Europace</i> , 2021 , 23, 1577-1585	3.9	3
64	Noninvasive electrocardiographic assessment of ventricular activation and remodeling response to cardiac resynchronization therapy. <i>Heart Rhythm O2</i> , 2021 , 2, 12-18	1.5	3
63	Comparison of the Diagnostic Accuracy of Plasma N-Terminal Pro-Brain Natriuretic Peptide in Patients 80 Years of Age with Heart Failure. <i>American Journal of Cardiology</i> , 2018 , 122, 2075-2079	3	3
62	Multipoint pacing for cardiac resynchronisation therapy in patients with heart failure: A systematic review and meta-analysis. <i>Journal of Cardiovascular Electrophysiology</i> , 2021 , 32, 2577-2589	2.7	3
61	Use of a cerebral protection device for the laser extraction of a pacemaker lead traversing a patent foramen ovale. <i>HeartRhythm Case Reports</i> , 2017 , 3, 447-449	1	2
60	Comparison of Echocardiographic and Electrocardiographic Mapping for Cardiac Resynchronisation Therapy Optimisation. <i>Cardiology Research and Practice</i> , 2019 , 2019, 4351693	1.9	2
59	High mean entropy calculated from cardiac MRI texture analysis is associated with antitachycardia pacing failure. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2020 , 43, 737-745	1.6	2
58	Tracking the motion of intracardiac structures aids the development of future leadless pacing systems. <i>Journal of Cardiovascular Electrophysiology</i> , 2020 , 31, 2431-2439	2.7	2

57	Analysis of lead placement optimization metrics in cardiac resynchronization therapy with computational modelling. <i>Europace</i> , 2016 , 18, iv113-iv120	3.9	2
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