

# Pier D. Lambiase

## List of Publications by Year in descending order

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Version: 2024-02-01

331  
papers

14,390  
citations

34016

52  
h-index

23472

111  
g-index

344  
all docs

344  
docs citations

344  
times ranked

13380  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | 2015 ESC Guidelines for the management of patients with ventricular arrhythmias and the prevention of sudden cardiac death. <i>European Heart Journal</i> , 2015, 36, 2793-2867.   | 1.0  | 3,187     |
| 2  | A novel clinical risk prediction model for sudden cardiac death in hypertrophic cardiomyopathy (HCM) Tj ETQq0 0 0 rgBT /Overlock 10 Tf   | 1.6  | 848       |
| 3  | 2015 ESC Guidelines for the management of patients with ventricular arrhythmias and the prevention of sudden cardiac death. <i>Europace</i> , 2015, 17, euv319.  | 0.7  | 635       |
| 4  | Safety and Efficacy of the Totally Subcutaneous Implantable Defibrillator. <i>Journal of the American College of Cardiology</i> , 2015, 65, 1605-1615.   | 1.2  | 458       |
| 5  | Worldwide experience with a totally subcutaneous implantable defibrillator: early results from the EFFORTLESS S-ICD Registry. <i>European Heart Journal</i> , 2014, 35, 1657-1665.   | 1.0  | 410       |
| 6  | Current electrocardiographic criteria for diagnosis of Brugada pattern: a consensus report. <i>Journal of Electrocardiology</i> , 2012, 45, 433-442.   | 0.4  | 335       |
| 7  | Subcutaneous or Transvenous Defibrillator Therapy. <i>New England Journal of Medicine</i> , 2020, 383, 526-536.  | 13.9 | 278       |
| 8  | Implant and Midterm Outcomes of the Subcutaneous Implantable Cardioverter-Defibrillator Registry. <i>Journal of the American College of Cardiology</i> , 2017, 70, 830-841.  | 1.2  | 266       |
| 9  | The Lambeth Conventions (II): Guidelines for the study of animal and human ventricular and supraventricular arrhythmias. , 2013, 139, 213-248.   |      | 246       |
| 10 | Patient-specific electromechanical models of the heart for the prediction of pacing acute effects in CRT: A preliminary clinical validation. <i>Medical Image Analysis</i> , 2012, 16, 201-215.  | 7.0  | 186       |
| 11 | Circulating Humoral Factors and Endothelial Progenitor Cells in Patients With Differing Coronary Collateral Support. <i>Circulation</i> , 2004, 109, 2986-2992.  | 1.6  | 161       |
| 12 | Exercise-induced ventricular arrhythmias and risk of sudden cardiac death in patients with hypertrophic cardiomyopathy. <i>European Heart Journal</i> , 2009, 30, 2599-2605.   | 1.0  | 160       |
| 13 | A system for real-time XMR guided cardiovascular intervention. <i>IEEE Transactions on Medical Imaging</i> , 2005, 24, 1428-1440.  | 5.4  | 157       |
| 14 | Electrophysiological abnormalities precede overt structural changes in arrhythmogenic right ventricular cardiomyopathy due to mutations in desmoplakin-A combined murine and human study. <i>European Heart Journal</i> , 2012, 33, 1942-1953. | 1.0  | 155       |
| 15 | High-Density Substrate Mapping in Brugada Syndrome. <i>Circulation</i> , 2009, 120, 106-117.   | 1.6  | 148       |
| 16 | The long-term survival and the risks and benefits of implantable cardioverter defibrillators in patients with hypertrophic cardiomyopathy. <i>Heart</i> , 2012, 98, 116-125.   | 1.2  | 146       |
| 17 | Systemic inflammation in unstable angina is the result of myocardial necrosis. <i>Journal of the American College of Cardiology</i> , 2002, 39, 1917-1923.   | 1.2  | 136       |
| 18 | Randomized trial comparing pulmonary vein isolation using the SmartTouch catheter with or without real-time contact force data. <i>Heart Rhythm</i> , 2016, 13, 1761-1767.   | 0.3  | 134       |

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|----|--|-----|-----------|
| 19 | Primary Results From the Understanding Outcomes With the S-ICD in Primary Prevention Patients With Low Ejection Fraction (UNTOUCHED) Trial. <i>Circulation</i> , 2021, 143, 7-17.  | 1.6 | 132       |
| 20 | A systematic review of ICD complications in randomised controlled trials versus registries: is our "real-world" data an underestimation?. <i>Open Heart</i> , 2015, 2, e000198.  | 0.9 | 131       |
| 21 | A validation study of the 2003 American College of Cardiology/European Society of Cardiology and 2011 American College of Cardiology Foundation/American Heart Association risk stratification and treatment algorithms for sudden cardiac death in patients with hypertrophic cardiomyopathy. <i>Heart</i> , 2013, 99, 534-541. | 1.2 | 127       |
| 22 | Inappropriate shocks in the subcutaneous ICD: Incidence, predictors and management. <i>International Journal of Cardiology</i> , 2015, 195, 126-133.   | 0.8 | 120       |
| 23 | Predictors of recurrence following radiofrequency ablation for persistent atrial fibrillation. <i>Europace</i> , 2011, 13, 355-361.  | 0.7 | 116       |
| 24 | Prevalence of J-Point Elevation in Sudden Arrhythmic Death Syndrome Families. <i>Journal of the American College of Cardiology</i> , 2011, 58, 286-290.  | 1.2 | 108       |
| 25 | Results from a multicentre comparison of cryoballoon vs. radiofrequency ablation for paroxysmal atrial fibrillation: is cryoablation more reproducible?. <i>Europace</i> , 2017, 19, euw080.   | 0.7 | 108       |
| 26 | Incidence of left atrial thrombus prior to atrial fibrillation ablation: is pre-procedural transoesophageal echocardiography mandatory?. <i>Europace</i> , 2010, 12, 927-932.  | 0.7 | 101       |
| 27 | The learning curve associated with the introduction of the subcutaneous implantable defibrillator. <i>Europace</i> , 2016, 18, 1010-1015.  | 0.7 | 95        |
| 28 | Heart-brain interactions in cardiac arrhythmia. <i>Heart</i> , 2011, 97, 698-708.  | 1.2 | 94        |
| 29 | Obesity and Atrial Fibrillation: Epidemiology, Pathophysiology and Novel Therapeutic Opportunities. <i>Arrhythmia and Electrophysiology Review</i> , 2019, 8, 28-36.   | 1.3 | 94        |
| 30 | Evaluation of subcutaneous ICD early performance in hypertrophic cardiomyopathy from the pooled EFFORTLESS and IDE cohorts. <i>Heart Rhythm</i> , 2016, 13, 1066-1074.   | 0.3 | 92        |
| 31 | Anger, Emotion, and Arrhythmias: From Brain to Heart. <i>Frontiers in Physiology</i> , 2011, 2, 67.  | 1.3 | 90        |
| 32 | Catheter ablation for atrial fibrillation in hypertrophic cardiomyopathy: a systematic review and meta-analysis. <i>Heart</i> , 2016, 102, 1533-1543.  | 1.2 | 89        |
| 33 | Definition and treatment of arrhythmogenic cardiomyopathy: an updated expert panel report. <i>European Journal of Heart Failure</i> , 2019, 21, 955-964.   | 2.9 | 84        |
| 34 | The prognostic significance of premature ventricular complexes in adults without clinically apparent heart disease: a meta-analysis and systematic review. <i>Heart</i> , 2012, 98, 1290-1298.   | 1.2 | 77        |
| 35 | Pathophysiology, diagnosis and treatment of tachycardiomyopathy. <i>Heart</i> , 2017, 103, 1543-1552.  | 1.2 | 77        |
| 36 | Is There Still a Role for Complex Fractionated Atrial Electrogram Ablation in Addition to Pulmonary Vein Isolation in Patients With Paroxysmal and Persistent Atrial Fibrillation?. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 1017-1029.   | 2.1 | 76        |

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|----|--|-----|-----------|
| 37 | Exercise-induced ischemia initiates the second window of protection in humans independent of collateral recruitment. <i>Journal of the American College of Cardiology</i> , 2003, 41, 1174-1182.   | 1.2 | 73        |
| 38 | Benefits of Endocardial and Multisite Pacing Are Dependent on the Type of Left Ventricular Electric Activation Pattern and Presence of Ischemic Heart Disease. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2012, 5, 889-897.                      | 2.1 | 71        |
| 39 | Thirty loci identified for heart rate response to exercise and recovery implicate autonomic nervous system. <i>Nature Communications</i> , 2018, 9, 1947.  | 5.8 | 70        |
| 40 | Diagnostic yield of molecular autopsy in patients with sudden arrhythmic death syndrome using targeted exome sequencing. <i>Europace</i> , 2016, 18, 888-896.  | 0.7 | 69        |
| 41 | In Vivo and In Silico Investigation Into Mechanisms of Frequency Dependence of Repolarization Alternans in Human Ventricular Cardiomyocytes. <i>Circulation Research</i> , 2016, 118, 266-278.   | 2.0 | 68        |
| 42 | A Simultaneous X-Ray/MRI and Noncontact Mapping Study of the Acute Hemodynamic Effect of Left Ventricular Endocardial and Epicardial Cardiac Resynchronization Therapy in Humans. <i>Circulation: Heart Failure</i> , 2011, 4, 170-179.                      | 1.6 | 67        |
| 43 | A new <i>KCNQ1</i> mutation at the S5 segment that impairs its association with KCNE1 is responsible for short QT syndrome. <i>Cardiovascular Research</i> , 2015, 107, 613-623.   | 1.8 | 67        |
| 44 | Infection and mortality after implantation of a subcutaneous ICD after transvenous ICD extraction. <i>Heart Rhythm</i> , 2016, 13, 157-164.  | 0.3 | 67        |
| 45 | Monomorphic ventricular tachycardia in patients with Brugada syndrome: A multicenter retrospective study. <i>Heart Rhythm</i> , 2016, 13, 669-682.   | 0.3 | 67        |
| 46 | A randomized double-blind crossover trial of triventricular versus biventricular pacing in heart failure. <i>European Journal of Heart Failure</i> , 2012, 14, 495-505.  | 2.9 | 66        |
| 47 | COVID-19 and its cardiovascular effects: a systematic review of prevalence studies. <i>The Cochrane Library</i> , 2022, 2022, CD013879.  | 1.5 | 66        |
| 48 | Diffuse myocardial fibrosis in the systemic right ventricle of patients late after Mustard or Senning surgery: an equilibrium contrast cardiovascular magnetic resonance study. <i>European Heart Journal Cardiovascular Imaging</i> , 2013, 14, 963-968.    | 0.5 | 65        |
| 49 | Model-Based Imaging of Cardiac Apparent Conductivity and Local Conduction Velocity for Diagnosis and Planning of Therapy. <i>IEEE Transactions on Medical Imaging</i> , 2008, 27, 1631-1642.   | 5.4 | 63        |
| 50 | Effect of biventricular pacing on symptoms and cardiac remodelling in patients with end-stage hypertrophic cardiomyopathy. <i>European Journal of Heart Failure</i> , 2008, 10, 507-513.   | 2.9 | 62        |
| 51 | Relationship between endocardial activation sequences defined by high-density mapping to early septal contraction (septal flash) in patients with left bundle branch block undergoing cardiac resynchronization therapy. <i>Europace</i> , 2012, 14, 99-106. | 0.7 | 61        |
| 52 | Catheter ablation of atrial fibrillation in patients with heart failure: impact of maintaining sinus rhythm on heart failure status and long-term rates of stroke and death. <i>Europace</i> , 2016, 18, 679-686.  | 0.7 | 61        |
| 53 | Catheter ablation for ventricular tachycardia in patients with cardiac sarcoidosis: a systematic review. <i>Europace</i> , 2018, 20, 682-691.  | 0.7 | 60        |
| 54 | Multi-ancestry GWAS of the electrocardiographic PR interval identifies 202 loci underlying cardiac conduction. <i>Nature Communications</i> , 2020, 11, 2542.  | 5.8 | 59        |

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|----|---|-----|-----------|
| 55 | Transvenous Implantable Cardioverter-Defibrillator (ICD) Lead Performance: A Meta-Analysis of Observational Studies. <i>Journal of the American Heart Association</i> , 2015, 4, .  | 1.6 | 56        |
| 56 | Simulation of cardiac pathologies using an electromechanical biventricular model and XMR interventional imaging. <i>Medical Image Analysis</i> , 2005, 9, 467-480.  | 7.0 | 53        |
| 57 | Pregnancy outcome and management of women with an implantable cardioverter defibrillator: a single centre experience. <i>Europace</i> , 2012, 14, 1740-1745.  | 0.7 | 51        |
| 58 | Right atrial pressure: Can it be ignored when calculating fractional flow reserve and collateral flow index?. <i>Journal of the American College of Cardiology</i> , 2004, 44, 2089-2091.   | 1.2 | 50        |
| 59 | A Primary Prevention Clinical Risk Score Model for Patients With Brugada Syndrome (BRUGADA-RISK). <i>JACC: Clinical Electrophysiology</i> , 2021, 7, 210-222.   | 1.3 | 50        |
| 60 | A novel desmocollin-2 mutation reveals insights into the molecular link between desmosomes and gap junctions. <i>Heart Rhythm</i> , 2011, 8, 711-718.   | 0.3 | 48        |
| 61 | Safety and efficacy of multipolar pulmonary vein ablation catheter vs. irrigated radiofrequency ablation for paroxysmal atrial fibrillation: a randomized multicentre trial. <i>Europace</i> , 2014, 16, 1145-1153.   | 0.7 | 48        |
| 62 | A simple infection-control protocol to reduce serious cardiac device infections. <i>Europace</i> , 2014, 16, 1482-1489.   | 0.7 | 48        |
| 63 | Understanding Outcomes with the EMBLEM S-ICD in Primary Prevention Patients with Low EF Study (UNTOUCHED): Clinical characteristics and perioperative results. <i>Heart Rhythm</i> , 2019, 16, 1636-1644.   | 0.3 | 48        |
| 64 | Subcutaneous implantable cardioverter-defibrillators: long-term results of the EFFORTLESS study. <i>European Heart Journal</i> , 2022, 43, 2037-2050.   | 1.0 | 47        |
| 65 | Primary Prevention Implantable Cardioverter Defibrillator (ICD) Therapy in Women-Data From a Multicenter French Registry. <i>Journal of the American Heart Association</i> , 2016, 5, .   | 1.6 | 46        |
| 66 | The relationship of systemic right ventricular function to ECG parameters and NT-proBNP levels in adults with transposition of the great arteries late after Senning or Mustard surgery. <i>Heart</i> , 2010, 96, 1569-1573.  | 1.2 | 45        |
| 67 | The relation of ventricular arrhythmia electrophysiological characteristics to cardiac phenotype and circadian patterns in hypertrophic cardiomyopathy. <i>Europace</i> , 2012, 14, 724-733.  | 0.7 | 45        |
| 68 | A propensity matched case-control study comparing efficacy, safety and costs of the subcutaneous vs. transvenous implantable cardioverter defibrillator. <i>International Journal of Cardiology</i> , 2017, 228, 280-285.   | 0.8 | 45        |
| 69 | Evaluation of Factors Impacting Clinical Outcome and Cost Effectiveness of the S-ICD: Design and Rationale of the EFFORTLESS S-ICD Registry. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2012, 35, 574-579.   | 0.5 | 42        |
| 70 | Electrical and Structural Substrate of Arrhythmogenic Right Ventricular Cardiomyopathy Determined Using Noninvasive Electrocardiographic Imaging and Late Gadolinium Magnetic Resonance Imaging. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2017, 10, . | 2.1 | 42        |
| 71 | Clinical indications for genetic testing in familial sudden cardiac death syndromes: an HRS position statement. <i>Heart</i> , 2007, 94, 502-507.   | 1.2 | 41        |
| 72 | Rationale and design of the PRAETORIAN-DFT trial: A prospective randomized Comparative trial of Subcutaneous Implantable Cardioverter-Defibrillator Implantation with and without Defibrillation testing. <i>American Heart Journal</i> , 2019, 214, 167-174.       | 1.2 | 41        |

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|----|--|------|-----------|
| 73 | Simultaneous Comparison of Electrocardiographic Imaging and Epicardial Contact Mapping in Structural Heart Disease. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019, 12, e007120.  | 2.1  | 40        |
| 74 | Heart Rhythm UK position statement on clinical indications for implantable cardioverter defibrillators in adult patients with familial sudden cardiac death syndromes. <i>Europace</i> , 2010, 12, 1156-1175.  | 0.7  | 39        |
| 75 | Impact of Body Mass Index on the Outcomes of Catheter Ablation of Atrial Fibrillation: A European Observational Multicenter Study. <i>Journal of the American Heart Association</i> , 2019, 8, e012253.  | 1.6  | 38        |
| 76 | Electrical Remodeling Following Percutaneous Pulmonary Valve Implantation. <i>American Journal of Cardiology</i> , 2011, 107, 309-314.   | 0.7  | 37        |
| 77 | Genetics and cardiovascular disease—causes and prevention of unexpected sudden adult death: the role of the SADS clinic. <i>Heart</i> , 2011, 97, 1122-1127.   | 1.2  | 37        |
| 78 | Improving safety in the electrophysiology laboratory using a simple radiation dose reduction strategy: a study of 1007 radiofrequency ablation procedures. <i>Heart</i> , 2011, 97, 366-370.   | 1.2  | 36        |
| 79 | Interactions between Activation and Repolarization Restitution Properties in the Intact Human Heart: In-Vivo Whole-Heart Data and Mathematical Description. <i>PLoS ONE</i> , 2016, 11, e0161765.  | 1.1  | 36        |
| 80 | Disease Severity and Exercise Testing Reduce Subcutaneous Implantable Cardioverter-Defibrillator Left Sternal ECG Screening Success in Hypertrophic Cardiomyopathy. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2017, 10, .   | 2.1  | 36        |
| 81 | Propensity score matched comparison of subcutaneous and transvenous implantable cardioverter-defibrillator therapy in the SIMPLE and EFFORTLESS studies. <i>Europace</i> , 2018, 20, f240-f248.  | 0.7  | 36        |
| 82 | Ablation compared with drug therapy for recurrent ventricular tachycardia in arrhythmogenic right ventricular cardiomyopathy: Results from a multicenter study. <i>Heart Rhythm</i> , 2019, 16, 536-543.   | 0.3  | 35        |
| 83 | Developing a novel comprehensive framework for the investigation of cellular and whole heart electrophysiology in the in situ human heart: Historical perspectives, current progress and future prospects. <i>Progress in Biophysics and Molecular Biology</i> , 2014, 115, 252-260. | 1.4  | 34        |
| 84 | 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.  | 0.7  | 34        |
| 85 | Efficacy and safety of ablation for people with non-paroxysmal atrial fibrillation. <i>The Cochrane Library</i> , 2016, 2016, CD012088.  | 1.5  | 33        |
| 86 | Comparative Evaluation of Methodologies for T-Wave Alternans Mapping in Electrograms. <i>IEEE Transactions on Biomedical Engineering</i> , 2014, 61, 308-316.  | 2.5  | 32        |
| 87 | Connexins in the heart. <i>Cell and Tissue Research</i> , 2015, 360, 675-684.  | 1.5  | 32        |
| 88 | Cryoballoon or Radiofrequency Ablation for Atrial Fibrillation. <i>New England Journal of Medicine</i> , 2016, 375, 1099-1101.   | 13.9 | 31        |
| 89 | Faulty cardiac repolarization reserve in alternating hemiplegia of childhood broadens the phenotype. <i>Brain</i> , 2015, 138, 2859-2874.  | 3.7  | 30        |
| 90 | Mechano-electrical feedback in the clinical setting: Current perspectives. <i>Progress in Biophysics and Molecular Biology</i> , 2017, 130, 365-375.   | 1.4  | 30        |

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|-----|---|-----|-----------|
| 91  | Effect of mental stress on dynamic electrophysiological properties of the endocardium and epicardium in humans. <i>Heart Rhythm</i> , 2016, 13, 175-182.  | 0.3 | 29        |
| 92  | Long-term intra-individual reproducibility of heart rate dynamics during exercise and recovery in the UK Biobank cohort. <i>PLoS ONE</i> , 2017, 12, e0183732.  | 1.1 | 29        |
| 93  | Clinical impact of cardiovascular magnetic resonance with optimized myocardial scar detection in patients with cardiac implantable devices. <i>International Journal of Cardiology</i> , 2019, 279, 72-78.  | 0.8 | 29        |
| 94  | Evaluation of ECG Imaging to Map Hemodynamically Stable and Unstable Ventricular Arrhythmias. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e007377.   | 2.1 | 29        |
| 95  | Limitations and Challenges in Mapping Ventricular Tachycardia: New Technologies and Future Directions. <i>Arrhythmia and Electrophysiology Review</i> , 2017, 6, 118.   | 1.3 | 28        |
| 96  | Efficacy and Safety of Appropriate Shocks and Antitachycardia Pacing in Transvenous and Subcutaneous Implantable Defibrillators: Analysis of All Appropriate Therapy in the PRAETORIAN Trial. <i>Circulation</i> , 2022, 145, 321-329.                    | 1.6 | 28        |
| 97  | The use of a novel nitinol guidewire to facilitate transseptal puncture and left atrial catheterization for catheter ablation procedures. <i>Europace</i> , 2011, 13, 1401-1405.  | 0.7 | 27        |
| 98  | Catheter ablation of atrial fibrillation—patient satisfaction from a single-center UK experience. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2013, 37, 291-303.   | 0.6 | 27        |
| 99  | A Comparison of the Quality of Life of Patients With an Entirely Subcutaneous Implantable Defibrillator System Versus a Transvenous System (from the EFFORTLESS S-ICD Quality of Life) <i>TJ ETQq1 1 0.7843 107gBT /Overlock</i>                          | 1.4 | 27        |
| 100 | Significance of neuro-cardiac control mechanisms governed by higher regions of the brain. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2016, 199, 54-65.   | 1.4 | 27        |
| 101 | Same-day discharge following catheter ablation of atrial fibrillation: A safe and cost-effective approach. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 3097-3103.  | 0.8 | 27        |
| 102 | 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> , 2019, 16, 943-951.   | 0.3 | 26        |
| 103 | Evaluation of subcutaneous implantable cardioverter-defibrillator performance in patients with ion channelopathies from the EFFORTLESS cohort and comparison with a meta-analysis of transvenous ICD outcomes. <i>Heart Rhythm O2</i> , 2020, 1, 326-335. | 0.6 | 26        |
| 104 | Brugada Syndrome and Anesthetic Management. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2006, 20, 407-413.   | 0.6 | 25        |
| 105 | Prognostic significance of exercise-induced premature ventricular complexes: a systematic review and meta-analysis of observational studies. <i>Heart Asia</i> , 2017, 9, 14-24.  | 1.1 | 25        |
| 106 | Ajmaline blocks I <sub>Na</sub> and I <sub>Kr</sub> without eliciting differences between Brugada syndrome patient and control human pluripotent stem cell-derived cardiac clusters. <i>Stem Cell Research</i> , 2017, 25, 233-244.                       | 0.3 | 25        |
| 107 | Evaluation of the reentry vulnerability index to predict ventricular tachycardia circuits using high-density contact mapping. <i>Heart Rhythm</i> , 2020, 17, 576-583.  | 0.3 | 25        |
| 108 | Impact of QTc formulae in the prevalence of short corrected QT interval and impact on probability and diagnosis of short QT syndrome. <i>Heart</i> , 2018, 104, 502-508.  | 1.2 | 24        |

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|-----|--|-----|-----------|
| 109 | Improving Interpretation of Cardiac Phenotypes and Enhancing Discovery With Expanded Knowledge in the Gene Ontology. <i>Circulation Genomic and Precision Medicine</i> , 2018, 11, e001813.  | 1.6 | 24        |
| 110 | Risk Stratification in Brugada Syndrome: Current Status and Emerging Approaches. <i>Arrhythmia and Electrophysiology Review</i> , 2018, 7, 79.   | 1.3 | 23        |
| 111 | Ambulatory respiratory rate trends identify patients at higher risk of worsening heart failure in implantable cardioverter defibrillator and biventricular device recipients: a novel ambulatory parameter to optimize heart failure management. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2015, 43, 21-29. | 0.6 | 22        |
| 112 | The Design of the Understanding Outcomes with the Sâ€œCD in Primary Prevention Patients with Low EF Study (UNTOUCHED). <i>PACE - Pacing and Clinical Electrophysiology</i> , 2017, 40, 1-8.  | 0.5 | 22        |
| 113 | Evidence to support magnetic resonance conditional labelling of all pacemaker and defibrillator leads in patients with cardiac implantable electronic devices. <i>European Heart Journal</i> , 2022, 43, 2469-2478.  | 1.0 | 22        |
| 114 | A multicenter prospective randomized controlled trial of cardiac resynchronization therapy guided by invasive dP/dt. <i>Heart Rhythm O2</i> , 2021, 2, 19-27.  | 0.6 | 22        |
| 115 | An 8-year single-centre experience of cardiac resynchronisation therapy: procedural success, early and late complications, and left ventricular lead performance. <i>Europace</i> , 2013, 15, 711-717.   | 0.7 | 21        |
| 116 | Exercise restrictions for patients with inherited cardiac conditions: Current guidelines, challenges and limitations. <i>International Journal of Cardiology</i> , 2016, 209, 234-241.   | 0.8 | 21        |
| 117 | Noninvasive Mapping of the Electrophysiological Substrate in Cardiac Amyloidosis and Its Relationship to Structural Abnormalities. <i>Journal of the American Heart Association</i> , 2019, 8, e012097.  | 1.6 | 21        |
| 118 | Tpeak-Tend interval and Tpeak-Tend/QT ratio as markers of ventricular tachycardia inducibility in subjects with Brugada ECG phenotype. <i>Europace</i> , 2010, 12, 158-159.  | 0.7 | 20        |
| 119 | A multi-purpose spiral high-density mapping catheter: initial clinical experience in complex atrial arrhythmias. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2011, 31, 225-235.   | 0.6 | 20        |
| 120 | Cellular mechanisms underlying the increased disease severity seen for patients with long QT syndrome caused by compound mutations in KCNQ1. <i>Biochemical Journal</i> , 2014, 462, 133-142.  | 1.7 | 20        |
| 121 | Ventricular stimulus site influences dynamic dispersion of repolarization in the intact human heart. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 311, H545-H554.  | 1.5 | 20        |
| 122 | Electrocardiographic differentiation of idiopathic right ventricular outflow tract ectopy from early arrhythmogenic right ventricular cardiomyopathy. <i>Europace</i> , 2017, 19, euw018.  | 0.7 | 20        |
| 123 | Usefulness of a clinical risk score to predict the response to cardiac resynchronization therapy. <i>International Journal of Cardiology</i> , 2018, 260, 82-87.   | 0.8 | 20        |
| 124 | Right atrial angiography facilitates transseptal puncture for complex ablation in patients with unusual anatomy. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2007, 17, 29-34.   | 0.6 | 19        |
| 125 | Haemodynamic consequences of targeted single- and dual-site right ventricular pacing in adults with congenital heart disease undergoing surgical pulmonary valve replacement. <i>Europace</i> , 2015, 17, 274-280.   | 0.7 | 19        |
| 126 | T-Wave Oversensing in Patients With Brugada Syndrome: True Bipolar Versus Integrated Bipolar Implantable Cardioverter Defibrillator Leads. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 792-798.  | 2.1 | 19        |



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|-----|--|-----|-----------|
| 127 | Multicenter Study of Dynamic High-Density Functional Substrate Mapping Improves Identification of Substrate Targets for Ischemic Ventricular Tachycardia Ablation. JACC: Clinical Electrophysiology, 2020, 6, 1783-1793.                   | 1.3 | 18        |
| 128 | First report of phrenic nerve injury during pulmonary vein isolation using the Ablation Frontiers pulmonary vein ablation catheter. Journal of Interventional Cardiac Electrophysiology, 2010, 29, 187-190.                                | 0.6 | 17        |
| 129 | A nurse-led implantable loop recorder service is safe and cost effective. Journal of Cardiovascular Electrophysiology, 2019, 30, 2900-2906.  | 0.8 | 17        |
| 130 | Prolonged action potential duration and dynamic transmural action potential duration heterogeneity underlie vulnerability to ventricular tachycardia in patients undergoing ventricular tachycardia ablation. Europace, 2019, 21, 616-625. | 0.7 | 17        |
| 131 | Catheter ablation of atrial fibrillation in patients with hypertrophic cardiomyopathy: a European observational multicentre study. Europace, 2021, 23, 1409-1417.  | 0.7 | 16        |
| 132 | The subcutaneous ICD-current evidence and challenges. Cardiovascular Diagnosis and Therapy, 2014, 4, 449-59.   | 0.7 | 16        |
| 133 | Heart Rate Recovery in Patients With Hypertrophic Cardiomyopathy. American Journal of Cardiology, 2014, 113, 1011-1017.  | 0.7 | 15        |
| 134 | Effect of tricuspid regurgitation and right ventricular dysfunction on long-term mortality in patients undergoing cardiac devices implantation: >10-year follow-up study. International Journal of Cardiology, 2020, 319, 52-56.           | 0.8 | 15        |
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