Kevin Vernooy

List of Publications by Year
in descending order

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Version: 2024-02-01

128 papers	3,064 citations	201674 27 h-index	206112 48 g-index
130 all docs	130 docs citations	130 times ranked	2440 citing authors

#	Article	IF	Citations
1	Withdrawn as duplicate: Optimized Implementation of cardiac resynchronization therapy â€“ a call for action for referral and optimization of care. Europace, 2023, 25, .	1.7	2
2	Feasibility and safety of left bundle branch area pacingâ€”cardiac resynchronization therapy in elderly patients. Journal of Interventional Cardiac Electrophysiology, 2023, 66, 311-321.	1.3	8
3	A VIRTUAL Sleep Apnoea management pathway For the work-up of Atrial fibrillation patients in a digital Remote Infrastructure: VIRTUAL-SAFARI. Europace, 2022, 24, 565-575.	1.7	23
4	Pacing therapy for atrioventricular dromotropathy: a combined computationalâ€“experimentalâ€“clinical study. Europace, 2022, 24, 784-795.	1.7	12
5	Critical appraisal of technologies to assess electrical activity during atrial fibrillation: a position paper from the European Heart Rhythm Association and European Society of Cardiology Working Group on eCardiology in collaboration with the Heart Rhythm Society, Asia Pacific Heart Rhythm Society, Latin American Heart Rhythm Society and Computing in Cardiology. Europace, 2022, 24, 313-330.	1.7	33
6	Outcomes of conduction system pacing compared to right ventricular pacing as a primary strategy for treating bradyarrhythmia: systematic review and meta-analysis. Clinical Research in Cardiology, 2022, 111, 1198-1209.	3.3	18
7	European Society of Cardiology Quality Indicators for the care and outcomes of cardiac pacing: developed by the Working Group for Cardiac Pacing Quality Indicators in collaboration with the European Heart Rhythm Association of the European Society of Cardiology. Europace, 2022, 24, 165-172.	1.7	20
8	Does mechanical dyssynchrony in addition to QRS area ensure sustained response to cardiac resynchronization therapy?. European Heart Journal Cardiovascular Imaging, 2022, 23, 1628-1635.	1.2	6
9	Efficacy and Safety of Appropriate Shocks and Antitachycardia Pacing in Transvenous and Subcutaneous Implantable Defibrillators: Analysis of All Appropriate Therapy in the PRAETORIAN Trial. Circulation, 2022, 145, 321-329.	1.6	28
10	Subcutaneous ICD implantation under ultrasound-guided serratus anterior plane block: Single-center experience in the Netherlands. IJC Heart and Vasculature, 2022, 38, 100949.	1.1	1
11	Improving diagnosis and risk stratification across the ejection fraction spectrum: the Maastricht Cardiomyopathy registry. ESC Heart Failure, 2022, 9, 1463-1470.	3.1	9
12	Atrioventricular dromotropathy: an important substrate for complete resynchronization therapyâ€”Authorsâ€™ reply. Europace, 2022, , .	1.7	0
13	How to use digital devices to detect and manage arrhythmias: an EHRA practical guide. Europace, 2022, 24, 979-1005.	1.7	107
14	AÂsingle-centre prospective evaluation of left bundle branch area pacemaker implantation characteristics. Netherlands Heart Journal, 2022, 30, 249-257.	0.8	9
15	Serial Assessment of Myocardial Injury Markers in Mechanically Ventilated Patients With SARS-CoV-2 (from the Prospective MaastrICCht Cohort). American Journal of Cardiology, 2022, 170, 118-127.	1.6	9
16	Vectorcardiographic QRS area as a predictor of response to cardiac resynchronization therapy.. Journal of Geriatric Cardiology, 2022, 19, 9-20.	0.2	3
17	Interatrial Block Predicts Lifeâ€Threatening Arrhythmias in Dilated Cardiomyopathy. Journal of the American Heart Association, 2022, 11, .	3.7	4
18	Do we need to pace the bundle? Editorial comment on: Nonselective versus selective His bundle pacing: An acute intrapatient speckle tracking strain echocardiographic study by Bednarek et al. Journal of Cardiovascular Electrophysiology, 2021, 32, 126-128.	1.7	0

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19	Heart Size Corrected Electrical Dyssynchrony and Its Impact on Sex-Specific Response to Cardiac Resynchronization Therapy. Circulation: Arrhythmia and Electrophysiology, 2021, 14, e008452.	4.8	9
20	Implementation of an on-demand app-based heart rate and rhythm monitoring infrastructure for the management of atrial fibrillation through teleconsultation: TeleCheck-AF. Europace, 2021, 23, 345-352.	1.7	65
21	The value of septal rebound stretch analysis for the prediction of volumetric response to cardiac resynchronization therapy. European Heart Journal Cardiovascular Imaging, 2021, 22, 37-45.	1.2	14
22	Reduction in the QRS area after cardiac resynchronization therapy is associated with survival and echocardiographic response. Journal of Cardiovascular Electrophysiology, 2021, 32, 813-822.	1.7	20
23	Segment length in cine (SLICE) strain analysis: a practical approach to estimate potential benefit from cardiac resynchronization therapy. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 4.	3.3	3
24	Comparing Ventricular Synchrony in Left Bundle Branch and Left Ventricular Septal Pacing in Pacemaker Patients. Journal of Clinical Medicine, 2021, 10, 822.	2.4	39
25	Development and external validation of prediction models to predict implantable cardioverter-defibrillator efficacy in primary prevention of sudden cardiac death. Europace, 2021, 23, 887-897.	1.7	19
26	Pulmonary vein isolation in a real-world population does not influence QTc interval. Europace, 2021, 23, i48-i54.	1.7	6
27	Do Women Require Less Permanent Pacemaker After Transcatheter Aortic Valve Implantation? A Metaâ€Analysis and Metaâ€Regression. Journal of the American Heart Association, 2021, 10, e019429.	3.7	12
28	The bidirectional interaction between atrial fibrillation and heart failure: consequences for the management of both diseases. Europace, 2021, 23, ii40-ii45.	1.7	23
29	Long-term intermittent versus short continuous heart rhythm monitoring for the detection of atrial fibrillation recurrences after catheter ablation. International Journal of Cardiology, 2021, 329, 105-112.	1.7	24
30	The road goes ever on: innovations and paradigm shifts in atrial fibrillation management. Europace, 2021, 23, ii1-ii3.	1.7	1
31	The walk of life: Remote monitoring provides insights into physical activity during a pandemic. IJC Heart and Vasculature, 2021, 33, 100772.	1.1	0
32	Optimized implementation of cardiac resynchronization therapy: a call for action for referral and optimization of care. Europace, 2021, 23, 1324-1342.	1.7	18
33	Does pulmonary vein isolation prolong QT-interval?â€" Authorsâ€™ reply. Europace, 2021, 23, 2046-2047.	1.7	0
34	Optimizing lead placement for pacing in dyssynchronous heart failure: The patient in the lead. Heart Rhythm, 2021, 18, 1024-1032.	0.7	17
35	Histopathological Validation of Darkâ€Blood Late Gadolinium Enhancement MRI Without Additional Magnetization Preparation. Journal of Magnetic Resonance Imaging, 2021, , .	3.4	12
36	The photoplethysmography dictionary: practical guidance on signal interpretation and clinical scenarios from TeleCheck-AF. European Heart Journal Digital Health, 2021, 2, 363-373.	1.7	22

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37	Corrected QT interval prolongation after ganglionated plexus ablation: myth or reality?â€"Authorsâ€™ reply. Europace, 2021, 23, 2047-2048.	1.7	0
38	Transforming a preâ€existing MRI environment into an interventional cardiac MRI suite. Journal of Cardiovascular Electrophysiology, 2021, 32, 2090-2096.	1.7	11
39	EHRA expert consensus statement and practical guide on optimal implantation technique for conventional pacemakers and implantable cardioverter-defibrillators: endorsed by the Heart Rhythm Society (HRS), the Asia Pacific Heart Rhythm Society (APHRS), and the Latin-American Heart Rhythm Society (LAHRS). Europace, 2021, 23, 983-1008.	1.7	92
40	Occurrence and Persistency of Conduction Disturbances during Transcatheter Aortic Valve Implantation. Medicina (Lithuania), 2021, 57, 695.	2.0	2
41	To drive or NOT to drive: thatâ€™s the question after ICD implantation. European Heart Journal, 2021, 42, 3538-3540.	2.2	1
42	AV junction ablation and cardiac resynchronization for patients with permanent atrial fibrillation and narrow QRS: the APAF-CRT mortality trial. European Heart Journal, 2021, 42, 4731-4739.	2.2	111
43	Arrhythmic risk management after acute myocarditis: never too early, only too late. European Journal of Heart Failure, 2021, 23, 2055-2057.	7.1	0
44	Left bundle branch pacing compared to left ventricular septal myocardial pacing increases interventricular dyssynchrony but accelerates left ventricular lateral wall depolarization. Heart Rhythm, 2021, 18, 1281-1289.	0.7	77
45	Permanent pacemaker implantation following transcatheter aortic valve implantation using self-expandable, balloon-expandable, or mechanically expandable devices: a network meta-analysis. Europace, 2021, 23, 1998-2009.	1.7	11
46	New Biparietal Bipolar Catheter Prototype for Hybrid Atrial Fibrillation Ablation. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2021, 16, 181-187.	0.9	1
47	Physiology and Practicality of Left Ventricular Septal Pacing. Arrhythmia and Electrophysiology Review, 2021, 10, 165-171.	2.4	5
48	Aetiology of Heart Failure, Rather than Sex, Determines Reverse LV Remodelling Response to CRT. Journal of Clinical Medicine, 2021, 10, 5513.	2.4	3
49	Left Ventricular Myocardial Septal Pacing in Close Proximity to LBB Does Not Prolong the Duration of the Left Ventricular Lateral Wall Depolarization Compared to LBB Pacing. Frontiers in Cardiovascular Medicine, 2021, 8, 787414.	2.4	23
50	Electro-energetics of Biventricular, Septal and Conduction System Pacing. Arrhythmia and Electrophysiology Review, 2021, 10, 250-257.	2.4	1
51	Left Ventricular Lead Placement Guided by Reduction in QRS Area. Journal of Clinical Medicine, 2021, 10, 5935.	2.4	5
52	Fully automated QRS area measurement for predicting response to cardiac resynchronization therapy. Journal of Electrocardiology, 2020, 63, 159-163.	0.9	9
53	Evaluating Electrocardiography-Based Identification of Cardiac Resynchronization Therapy Responders Beyond Current LeftÂBundle Branch Block Definitions. JACC: Clinical Electrophysiology, 2020, 6, 193-203.	3.2	16
54	Cardiac Inflammation Impedes Response to Cardiac Resynchronization Therapy in Patients With Idiopathic Dilated Cardiomyopathy. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e008727.	4.8	6

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55	Novel bradycardia pacing strategies. Heart, 2020, 106, 1883-1889.	2.9	18
56	The importance of electrocardiographic followâ€up in heart failure. European Journal of Heart Failure, 2020, 22, 2380-2382.	7.1	0
57	One-Stage Versus Sequential Hybrid Radiofrequency Ablation: An In Vitro Evaluation. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2020, 15, 338-345.	0.9	2
58	Subcutaneous or Transvenous Defibrillator Therapy. New England Journal of Medicine, 2020, 383, 526-536.	27.0	278
59	Optimized implementation of cardiac resynchronization therapy: a call for action for referral and optimization of care. European Journal of Heart Failure, 2020, 22, 2349-2369.	7.1	101
60	Atrial fibrillation in patients with an atrial septal defect in a single centre cohort during a long clinical follow-up: its association with closure and outcome of therapy. Open Heart, 2020, 7, e001298.	2.3	12
61	Strategies to Improve Selection ofÂPatients Without Typical LeftÂBundleÂBranch Block for CardiacÂResynchronization Therapy. JACC: Clinical Electrophysiology, 2020, 6, 129-142.	3.2	15
62	Association between heart failure aetiology and magnitude of echocardiographic remodelling and outcome of cardiac resynchronization therapy. ESC Heart Failure, 2020, 7, 645-653.	3.1	10
63	Short-Term Hemodynamic and Electrophysiological Effects of CardiacÂResynchronization by LeftÂVentricular Septal Pacing. Journal of the American College of Cardiology, 2020, 75, 347-359.	2.8	96
64	Electrogram morphology discriminators in implantable cardioverter defibrillators: A comparative evaluation. Journal of Cardiovascular Electrophysiology, 2020, 31, 1493-1506.	1.7	3
65	Evaluating multisite pacing strategies in cardiac resynchronization therapy in the preclinical setting. Heart Rhythm O2, 2020, 1, 111-119.	1.7	12
66	Reply to the Editor â€" Regarding Multisite pacing strategies: Solutions looking for a problem?. Heart Rhythm O2, 2020, 1, 315-316.	1.7	0
67	Atrioventricular optimization in cardiac resynchronization therapy with quadripolar leads: should we optimize every pacing configuration including multi-point pacing?. Europace, 2019, 21, e11-e19.	1.7	8
68	Hemodynamic Optimization in CardiacÂResynchronization Therapy. JACC: Clinical Electrophysiology, 2019, 5, 1013-1025.	3.2	14
69	Concomitant pulmonary vein isolation and percutaneous closure of atrial septal defects: A pilot project. Congenital Heart Disease, 2019, 14, 1123-1129.	0.2	5
70	Hypnotic communication during atrial fibrillation ablation: Another clinical application of hypnotherapy?. IJC Heart and Vasculature, 2019, 24, 100408.	1.1	1
71	How to make catheter ablation available world-wide?. IJC Heart and Vasculature, 2019, 24, 100411.	1.1	2
72	Hybrid thoracoscopic surgical and transvenous catheter ablation versus transvenous catheter ablation in persistent and longstanding persistent atrial fibrillation (HARTCAP-AF): study protocol for a randomized trial. Trials, 2019, 20, 370.	1.6	10

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73	Career building in countries with electrophysiology underdevelopment: roadblocks and solutionsâ€"an EHRA Young EP Report. Europace, 2019, 21, 978-980.	1.7	5
74	Unsuccessful antitachycardia pacing: What is the mechanism?. PACE - Pacing and Clinical Electrophysiology, 2019, 42, 464-466.	1.2	1
75	The Left and Right Ventricles Respond Differently to Variation of Pacing Delays in Cardiac Resynchronization Therapy: A Combined Experimental- Computational Approach. Frontiers in Physiology, 2019, 10, 17.	2.8	21
76	Shorter cryoballoon applications times do effect efficacy but result in less phrenic nerve injury: Results of the randomized 123 study. PACE - Pacing and Clinical Electrophysiology, 2019, 42, 508-514.	1.2	13
77	Nightly sleep apnea severity in patients with atrial fibrillation: Potential applications of long-term sleep apnea monitoring. IJC Heart and Vasculature, 2019, 24, 100424.	1.1	32
78	Survey on the research activities within the EHRA Young EP community. Europace, 2019, 21, 670-672.	1.7	1
79	Integration of cardiac magnetic resonance imaging, electrocardiographic imaging, and coronary venous computed tomography angiography for guidance of left ventricular lead positioning. Europace, 2019, 21, 626-635.	1.7	16
80	Current status of interventional cardiac electrophysiology training in ESC member countries: an EHRA Young EP Report. Europace, 2019, 21, 522-524.	1.7	4
81	Mechanisms of sex differences in atrial fibrillation: role of hormones and differences in electrophysiology, structure, function, and remodelling. Europace, 2019, 21, 366-376.	1.7	61
82	Atrioventricular dromotropathy: evidence for a distinctive entity in heart failure with prolonged PR interval?. Europace, 2018, 20, 1067-1077.	1.7	27
83	Relationship between vectorcardiographic QRSarea, myocardial scar quantification, and response to cardiac resynchronization therapy. Journal of Electrocardiology, 2018, 51, 457-463.	0.9	28
84	Pressure-Volume Loop Analysis of Multipoint Pacing With a Quadripolar LeftÂVentricular Lead in Cardiac Resynchronization Therapy. JACC: Clinical Electrophysiology, 2018, 4, 881-889.	3.2	18
85	Three-year follow-up of hybrid ablation for atrial fibrillation. European Journal of Cardio-thoracic Surgery, 2018, 53, i26-i32.	1.4	51
86	Can We Use the Intrinsic Left Ventricular Delay (QLV) to Optimize the Pacing Configuration for Cardiac Resynchronization Therapy With a Quadripolar Left Ventricular Lead?. Circulation: Arrhythmia and Electrophysiology, 2018, 11, e005912.	4.8	22
87	Refining success of cardiac resynchronization therapy using a simple score predicting the amount of reverse ventricular remodelling: results from the Markers and Response to CRT (MARC) study. Europace, 2018, 20, e1-e10.	1.7	131
88	Tailoring device settings in cardiac resynchronization therapy using electrograms from pacing electrodes. Europace, 2018, 20, 1146-1153.	1.7	3
89	Comparison of strain imaging techniques in CRT candidates: CMR tagging, CMR feature tracking and speckle tracking echocardiography. International Journal of Cardiovascular Imaging, 2018, 34, 443-456.	1.5	38
90	Refining success of cardiac resynchronization therapy using a simple score predicting the amount of reverse ventricular remodelling: results from the MARC study â€“ authors reply. Europace, 2018, 20, 393-393.	1.7	8

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91	QRS Area Is a Strong Determinant of Outcome in Cardiac Resynchronization Therapy. Circulation: Arrhythmia and Electrophysiology, 2018, 11, e006497.	4.8	69
92	Improved acute haemodynamic response to cardiac resynchronization therapy using multipoint pacing cannot solely be explained by better resynchronization. Journal of Electrocardiology, 2018, 51, S61-S66.	0.9	11
93	Strain imaging to predict response to cardiac resynchronization therapy: a systematic comparison of strain parameters using multiple imaging techniques. ESC Heart Failure, 2018, 5, 1130-1140.	3.1	24
94	The definition of left bundle branch block influences the response to cardiac resynchronization therapy. International Journal of Cardiology, 2018, 269, 165-169.	1.7	43
95	Response to cardiac resynchronization therapy is determined by intrinsic electrical substrate rather than by its modification. International Journal of Cardiology, 2018, 270, 143-148.	1.7	24
96	Prediction of optimal cardiac resynchronization by vectors extracted from electrograms in dyssynchronous canine hearts. Journal of Cardiovascular Electrophysiology, 2017, 28, 944-951.	1.7	7
97	Left ventricular lead positioning in cardiac resynchronization therapy: Mission accomplished?. Heart Rhythm, 2017, 14, 1373-1374.	0.7	0
98	Regional Left Ventricular Electrical Activation and Peak Contraction Are Closely Related in Candidates for CardiacÂResynchronization Therapy. JACC: Clinical Electrophysiology, 2017, 3, 854-862.	3.2	12
99	A novel approach for left ventricular lead placement in cardiac resynchronization therapy: Intraprocedural integration of coronary venous electroanatomic mapping with delayed enhancement cardiac magnetic resonance imaging. Heart Rhythm, 2017, 14, 110-119.	0.7	28
100	Comparison of strain parameters in dyssynchronous heart failure between speckle tracking echocardiography vendor systems. Cardiovascular Ultrasound, 2017, 15, 25.	1.6	20
101	Evaluation of the use of unipolar voltage amplitudes for detection of myocardial scar assessed by cardiac magnetic resonance imaging in heart failure patients. PLoS ONE, 2017, 12, e0180637.	2.5	16
102	Electrical remodelling in patients with iatrogenic left bundle branch block. Europace, 2016, 18, iv44-iv52.	1.7	7
103	New insights from a computational model on the relation between pacing site and CRT response. Europace, 2016, 18, iv94-iv103.	1.7	20
104	Why QRS Duration Should Be Replaced by Better Measures of Electrical Activation to Improve Patient Selection for Cardiac Resynchronization Therapy. Journal of Cardiovascular Translational Research, 2016, 9, 257-265.	2.4	26
105	Toward Sex-Specific Guidelines for Cardiac Resynchronization Therapy?. Journal of Cardiovascular Translational Research, 2016, 9, 12-22.	2.4	13
106	A Possible Role for Pacing the LeftÂVentricular Septum in CardiacÂResynchronization Therapy. JACC: Clinical Electrophysiology, 2016, 2, 413-422.	3.2	22
107	Feasibility and Acute Hemodynamic Effect of Left Ventricular Septal Pacing by Transvenous Approach Through the Interventricular Septum. Circulation: Arrhythmia and Electrophysiology, 2016, 9, e003344.	4.8	108
108	T-wave area as biomarker of clinical response to cardiac resynchronization therapy. Europace, 2016, 18, 1077-1085.	1.7	11

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109	Vectorcardiographic QRS area identifies delayed left ventricular lateral wall activation determined by electroanatomic mapping in candidates for cardiac resynchronization therapy. Heart Rhythm, 2016, 13, 217-225.	0.7	44
110	Vectorcardiographic QRS area as a novel predictor of response to cardiac resynchronization therapy. Journal of Electrocardiology, 2015, 48, 45-52.	0.9	74
111	Better understanding before implanting. International Journal of Cardiology, 2015, 184, 6-8.	1.7	4
112	Tâ€Wave Area Predicts Response to Cardiac Resynchronization Therapy in Patients with Left Bundle Branch Block. Journal of Cardiovascular Electrophysiology, 2015, 26, 176-183.	1.7	36
113	Left ventricular lead placement in the latest activated region guided by coronary venous electroanatomic mapping. Europace, 2015, 17, 84-93.	1.7	58
114	Comparison of septal strain patterns in dyssynchronous heart failure between speckle tracking echocardiography vendor systems. Journal of Electrocardiology, 2015, 48, 609-616.	0.9	8
115	The synthesized vectorcardiogram resembles the measured vectorcardiogram in patients with dyssynchronous heart failure. Journal of Electrocardiology, 2015, 48, 586-592.	0.9	21
116	ECG Patterns In Cardiac Resynchronization Therapy. Journal of Atrial Fibrillation, 2015, 7, 1214.	0.5	4
117	Strategies to improve cardiac resynchronization therapy. Nature Reviews Cardiology, 2014, 11, 481-493.	13.7	75
118	The value of the 12-lead ECG for evaluation and optimization of cardiac resynchronization therapy in daily clinical practice. Journal of Electrocardiology, 2014, 47, 202-211.	0.9	36
119	Evaluation of Left Ventricular Endocardial Cardiac Resynchronization Therapy in a Non-responder with Ventricular Arrhythmias. Indian Pacing and Electrophysiology Journal, 2014, 14, 32-36.	0.6	0
120	The role of acute invasive haemodynamic measurements in cardiac resynchronization therapy: looping towards prediction of longâ€term response and therapy optimization. European Journal of Heart Failure, 2013, 15, 247-249.	7.1	3
121	Response to Letter Regarding Article, â€œInduced Brugada-Type Electrocardiogram, a Sign for Imminent Malignant Arrhythmiasâ€. Circulation, 2008, 118, .	1.6	0
122	Calculation of effective VV interval facilitates optimization of AV delay and VV interval in cardiac resynchronization therapy. Heart Rhythm, 2007, 4, 75-82.	0.7	57
123	Genetic and biophysical basis for bupivacaine-induced ST segment elevation and VT/VF. Anesthesia unmasked Brugada syndrome. Heart Rhythm, 2006, 3, 1074-1078.	0.7	53
124	Ventricular Remodeling During Long-Term Right Ventricular Pacing Following His Bundle Ablation. American Journal of Cardiology, 2006, 97, 1223-1227.	1.6	82
125	Better outcome at lower costs after implementing a CRTâ€care pathway: comprehensive evaluation of realâ€world data. ESC Heart Failure, 0, , .	3.1	1
126	Synchronization of repolarization after cardiac resynchronization therapy: a combined clinical and modeling study. Journal of Cardiovascular Electrophysiology, 0, , .	1.7	2

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127	Rationale and Design of the ISOLATION Study: A Multicenter Prospective Cohort Study Identifying Predictors for Successful Atrial Fibrillation Ablation in an Integrated Clinical Care and Research Pathway. Frontiers in Cardiovascular Medicine, 0, 9, .	2.4	5
128	An evaluation of 24â€…h Holter monitoring in patients with myotonic dystrophy type 1. Europace, 0, , .	1.7	1