

# Carlo De Asmundis

## List of Publications by Citations

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211  
papers

3,555  
citations

32  
h-index

52  
g-index

234  
ext. papers

4,498  
ext. citations

3.3  
avg, IF

4.95  
L-index

#	Paper	IF	Citations
211	Single 3-minute freeze for second-generation cryoballoon ablation: one-year follow-up after pulmonary vein isolation. <i>Heart Rhythm</i> , <b>2015</b> , 12, 673-80	6.7	146
210	One-year follow-up after single procedure Cryoballoon ablation: a comparison between the first and second generation balloon. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2014</b> , 25, 834-839	2.7	130
209	Second-generation cryoballoon ablation for paroxysmal atrial fibrillation: 1-year follow-up. <i>Europace</i> , <b>2014</b> , 16, 639-44	3.9	130
208	Implantable cardioverter-defibrillator therapy in Brugada syndrome: a 20-year single-center experience. <i>Journal of the American College of Cardiology</i> , <b>2015</b> , 65, 879-88	15.1	126
207	Comparison between radiofrequency with contact force-sensing and second-generation cryoballoon for paroxysmal atrial fibrillation catheter ablation: a multicentre European evaluation. <i>Europace</i> , <b>2015</b> , 17, 718-24	3.9	115
206	Phrenic nerve paralysis during cryoballoon ablation for atrial fibrillation: a comparison between the first- and second-generation balloon. <i>Heart Rhythm</i> , <b>2013</b> , 10, 1318-24	6.7	102
205	A score model to predict risk of events in patients with Brugada Syndrome. <i>European Heart Journal</i> , <b>2017</b> , 38, 1756-1763	9.5	88
204	Procedural and biophysical indicators of durable pulmonary vein isolation during cryoballoon ablation of atrial fibrillation. <i>Heart Rhythm</i> , <b>2016</b> , 13, 424-32	6.7	84
203	Circumferential pulmonary vein isolation as index procedure for persistent atrial fibrillation: a comparison between radiofrequency catheter ablation and second-generation cryoballoon ablation. <i>Europace</i> , <b>2015</b> , 17, 559-65	3.9	83
202	Pulmonary vein isolation as index procedure for persistent atrial fibrillation: One-year clinical outcome after ablation using the second-generation cryoballoon. <i>Heart Rhythm</i> , <b>2015</b> , 12, 60-6	6.7	80
201	On the Quest for the Best Freeze: Predictors of Late Pulmonary Vein Reconnections After Second-Generation Cryoballoon Ablation. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2015</b> , 8, 1359-65	6.4	79
200	Prognostic value of programmed electrical stimulation in Brugada syndrome: 20 years experience. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2015</b> , 8, 777-84	6.4	78
199	The prognostic value of heart rate variability in the elderly, changing the perspective: from sympathovagal balance to chaos theory. <i>PACE - Pacing and Clinical Electrophysiology</i> , <b>2012</b> , 35, 622-38	1.6	71
198	Comparison of pulmonary vein isolation using cryoballoon versus conventional radiofrequency for paroxysmal atrial fibrillation. <i>American Journal of Cardiology</i> , <b>2014</b> , 113, 1509-13	3	68
197	Drug-induced brugada syndrome in children: clinical features, device-based management, and long-term follow-up. <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 63, 2272-9	15.1	60
196	Asymptomatic Brugada Syndrome: Clinical Characterization and Long-Term Prognosis. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2015</b> , 8, 1144-50	6.4	57
195	Monomorphic ventricular tachycardia in patients with Brugada syndrome: A multicenter retrospective study. <i>Heart Rhythm</i> , <b>2016</b> , 13, 669-82	6.7	56

194	Initial experience of three-minute freeze cycles using the second-generation cryoballoon ablation: acute and short-term procedural outcomes. <i>Journal of Interventional Cardiac Electrophysiology</i> , <b>2014</b> , 39, 145-51	2.4	54
193	Single 3-Minute versus Double 4-Minute Freeze Strategy for Second-Generation Cryoballoon Ablation: A Single-Center Experience. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2016</b> , 27, 796-803	2.7	54
192	Long-Term Trends in Newly Diagnosed Brugada Syndrome: Implications for Risk Stratification. <i>Journal of the American College of Cardiology</i> , <b>2016</b> , 68, 614-623	15.1	54
191	Electrophysiological findings following pulmonary vein isolation using radiofrequency catheter guided by contact-force and second-generation cryoballoon: lessons from repeat ablation procedures. <i>Europace</i> , <b>2016</b> , 18, 71-7	3.9	51
190	Incidence and characteristics of complications in the setting of second-generation cryoballoon ablation: A large single-center study of 500 consecutive patients. <i>Heart Rhythm</i> , <b>2015</b> , 12, 1476-82	6.7	49
189	Pulmonary vein reconnection following catheter ablation of atrial fibrillation using the second-generation cryoballoon versus open-irrigated radiofrequency: results of a multicenter analysis. <i>Journal of Interventional Cardiac Electrophysiology</i> , <b>2016</b> , 47, 341-348	2.4	49
188	Second-generation cryoballoon ablation for paroxysmal atrial fibrillation: Predictive role of atrial arrhythmias occurring in the blanking period on the incidence of late recurrences. <i>Heart Rhythm</i> , <b>2016</b> , 13, 845-51	6.7	47
187	Spontaneous and adenosine-induced pulmonary vein reconnection after cryoballoon ablation with the second-generation device. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2014</b> , 25, 845-851	2.7	47
186	Follow-up from childhood to adulthood of individuals with family history of Brugada syndrome and normal electrocardiograms. <i>JAMA - Journal of the American Medical Association</i> , <b>2014</b> , 312, 2039-41	27.4	43
185	Clinical characterisation and long-term prognosis of women with Brugada syndrome. <i>Heart</i> , <b>2016</b> , 102, 452-8	5.1	40
184	Comparison of the patient-activated event recording system vs. traditional 24 h Holter electrocardiography in individuals with paroxysmal palpitations or dizziness. <i>Europace</i> , <b>2014</b> , 16, 1231-5	3.9	37
183	One-year follow-up after second-generation cryoballoon ablation for atrial fibrillation in a large cohort of patients: a single-centre experience. <i>Europace</i> , <b>2016</b> , 18, 987-93	3.9	36
182	Prevalence, clinical characteristics and management of atrial fibrillation in patients with Brugada syndrome. <i>American Journal of Cardiology</i> , <b>2013</b> , 111, 362-7	3	36
181	Verification of pulmonary vein isolation during single transseptal cryoballoon ablation: a comparison between the classical circular mapping catheter and the inner lumen mapping catheter. <i>Europace</i> , <b>2012</b> , 14, 1708-14	3.9	36
180	Second-generation cryoballoon ablation in the setting of left common pulmonary veins: Procedural findings and clinical outcome. <i>Heart Rhythm</i> , <b>2017</b> , 14, 1311-1318	6.7	33
179	A Clinical Score Model to Predict Lethal Events in Young Patients (≤19 Years) With the Brugada Syndrome. <i>American Journal of Cardiology</i> , <b>2017</b> , 120, 797-802	3	32
178	Clinical characteristics, management, and prognosis of elderly patients with Brugada syndrome. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2014</b> , 25, 514-519	2.7	32
177	Life-threatening ventricular arrhythmias during ajmaline challenge in patients with Brugada syndrome: incidence, clinical features, and prognosis. <i>Heart Rhythm</i> , <b>2013</b> , 10, 1869-74	6.7	32

176	High rate of subcutaneous implantable cardioverter-defibrillator sensing screening failure in patients with Brugada syndrome: a comparison with other inherited primary arrhythmia syndromes. <i>Europace</i> , <b>2018</b> , 20, 1188-1193	3.9	31
175	Pulmonary vein isolation during cryoballoon ablation using the novel Achieve inner lumen mapping catheter: a feasibility study. <i>Europace</i> , <b>2012</b> , 14, 962-7	3.9	31
174	Anatomic predictors of phrenic nerve injury in the setting of pulmonary vein isolation using the 28-mm second-generation cryoballoon. <i>Heart Rhythm</i> , <b>2016</b> , 13, 342-51	6.7	29
173	Implantable Cardioverter-Defibrillators in Children and Adolescents With Brugada Syndrome. <i>Journal of the American College of Cardiology</i> , <b>2018</b> , 71, 148-157	15.1	29
172	One Year Incidence of Atrial Septal Defect after PV Isolation: A Comparison Between Conventional Radiofrequency and Cryoballoon Ablation. <i>PACE - Pacing and Clinical Electrophysiology</i> , <b>2015</b> , 38, 1049-57	1.6	29
171	Added value of transoesophageal echocardiography during transeptal puncture performed by inexperienced operators. <i>Europace</i> , <b>2012</b> , 14, 661-5	3.9	29
170	Complications in the setting of percutaneous atrial fibrillation ablation using radiofrequency and cryoballoon techniques: A single-center study in a large cohort of patients. <i>International Journal of Cardiology</i> , <b>2015</b> , 196, 42-9	3.2	28
169	Brugada syndrome in the young: an assessment of risk factors predicting future events. <i>Europace</i> , <b>2017</b> , 19, 1864-1873	3.9	28
168	Second-generation cryoballoon ablation without the use of real-time recordings: A novel strategy based on a temperature-guided approach to ablation. <i>Heart Rhythm</i> , <b>2017</b> , 14, 322-328	6.7	28
167	Efficacy and safety of the second generation cryoballoon ablation for the treatment of paroxysmal atrial fibrillation in patients over 75 years: a comparison with a younger cohort. <i>Europace</i> , <b>2017</b> , 19, 1798-1803	3.9	27
166	Cryoballoon ablation vs. antiarrhythmic drugs: first-line therapy for patients with paroxysmal atrial fibrillation. <i>Europace</i> , <b>2021</b> , 23, 1033-1041	3.9	26
165	Midterm clinical outcomes of concomitant thoracoscopic epicardial and transcatheter endocardial ablation for persistent and long-standing persistent atrial fibrillation: a single-centre experience. <i>Europace</i> , <b>2017</b> , 19, 58-65	3.9	25
164	Long-term outcome after second-generation cryoballoon ablation for paroxysmal atrial fibrillation - a 3-years follow-up. <i>Journal of Interventional Cardiac Electrophysiology</i> , <b>2017</b> , 49, 93-100	2.4	23
163	Incidence of real-time recordings of pulmonary vein potentials using the third-generation short-tip cryoballoon. <i>Europace</i> , <b>2016</b> , 18, 1158-63	3.9	21
162	Brugada syndrome in the paediatric population: a comprehensive approach to clinical manifestations, diagnosis, and management. <i>Cardiology in the Young</i> , <b>2016</b> , 26, 1044-55	1	21
161	Impact of Type-2 Diabetes Mellitus on the Outcomes of Catheter Ablation of Atrial Fibrillation (European Observational Multicentre Study). <i>American Journal of Cardiology</i> , <b>2020</b> , 125, 901-906	3	20
160	Phrenic nerve injury during ablation with the second-generation cryoballoon: analysis of the temperature drop behaviour in a large cohort of patients. <i>Europace</i> , <b>2016</b> , 18, 702-9	3.9	20
159	Feasibility, safety, and outcome of a challenging transeptal puncture facilitated by radiofrequency energy delivery: a prospective single-centre study. <i>Europace</i> , <b>2010</b> , 12, 662-7	3.9	20

158	CPVT: Arrhythmogenesis, Therapeutic Management, and Future Perspectives. A Brief Review of the Literature. <i>Frontiers in Cardiovascular Medicine</i> , <b>2019</b> , 6, 92	5.4	19
157	One year incidence of iatrogenic atrial septal defect after cryoballoon ablation for atrial fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2014</b> , 25, 11-5	2.7	19
156	Fluoroscopic position of the second-generation cryoballoon during ablation in the right superior pulmonary vein as a predictor of phrenic nerve injury. <i>Europace</i> , <b>2016</b> , 18, 1179-86	3.9	19
155	T-T, T-T/QT ratio and T-T dispersion for risk stratification in Brugada Syndrome: A systematic review and meta-analysis. <i>Journal of Arrhythmia</i> , <b>2018</b> , 34, 587-597	1.5	19
154	Long-term prognosis of drug-induced Brugada syndrome. <i>Heart Rhythm</i> , <b>2017</b> , 14, 1427-1433	6.7	18
153	T-wave oversensing in patients with Brugada syndrome: true bipolar versus integrated bipolar implantable cardioverter defibrillator leads: multicenter retrospective study. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2015</b> , 8, 792-8	6.4	17
152	Repeat Procedures After Hybrid Thoracoscopic Ablation in the Setting of Longstanding Persistent Atrial Fibrillation: Electrophysiological Findings and 2-Year Clinical Outcome. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2016</b> , 27, 41-50	2.7	17
151	Improved visualisation of real-time recordings during third generation cryoballoon ablation: a comparison between the novel short-tip and the second generation device. <i>Journal of Interventional Cardiac Electrophysiology</i> , <b>2016</b> , 46, 307-14	2.4	17
150	Long-Term Follow-Up of Proband With Brugada Syndrome. <i>American Journal of Cardiology</i> , <b>2017</b> , 119, 1392-1400	3	16
149	Prevalence and Clinical Impact of Early Repolarization Pattern and QRS-Fragmentation in High-Risk Patients With Brugada Syndrome. <i>Circulation Journal</i> , <b>2016</b> , 80, 2109-16	2.9	16
148	Characteristics of patients initiated on edoxaban in Europe: baseline data from edoxaban treatment in routine clinical practice for patients with atrial fibrillation (AF) in Europe (ETNA-AF-Europe). <i>BMC Cardiovascular Disorders</i> , <b>2019</b> , 19, 165	2.3	16
147	Ajmaline challenge in young individuals with suspected Brugada syndrome. <i>PACE - Pacing and Clinical Electrophysiology</i> , <b>2011</b> , 34, 736-41	1.6	16
146	Posterior box isolation as an adjunctive ablation strategy during repeat ablation with the second-generation cryoballoon for recurrence of persistent atrial fibrillation: 1-year follow-up. <i>Journal of Interventional Cardiac Electrophysiology</i> , <b>2019</b> , 56, 1-7	2.4	14
145	Role of Electrocardiographic Tpeak-Tend for the Prediction of Ventricular Arrhythmic Events in the Brugada Syndrome. <i>American Journal of Cardiology</i> , <b>2017</b> , 120, 1332-1337	3	14
144	Novel trans-septal approach using a Safe Sept J-shaped guidewire in difficult left atrial access during atrial fibrillation ablation. <i>Europace</i> , <b>2009</b> , 11, 657-9	3.9	14
143	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> , <b>2019</b> , 21, 1670-1677	3.9	13
142	Value of ultrasound for access guidance and detection of subclinical vascular complications in the setting of atrial fibrillation cryoballoon ablation. <i>Europace</i> , <b>2019</b> , 21, 434-439	3.9	13
141	Design and rationale of the Edoxaban Treatment in routine clinical practice for patients with Atrial Fibrillation in Europe (ETNA-AF-Europe) study. <i>Journal of Cardiovascular Medicine</i> , <b>2019</b> , 20, 97-104	1.9	13

140	Enhancing rare variant interpretation in inherited arrhythmias through quantitative analysis of consortium disease cohorts and population controls. <i>Genetics in Medicine</i> , <b>2021</b> , 23, 47-58	8.1	13
139	Single freeze per vein strategy with the second-generation cryoballoon for atrial fibrillation: a propensity score-matched study between 180- and 240-s application time in a large cohort of patients. <i>Europace</i> , <b>2018</b> , 20, f377-f383	3.9	12
138	Phrenic nerve injury during right inferior pulmonary vein ablation with the second-generation cryoballoon: clinical, procedural, and anatomical characteristics. <i>Europace</i> , <b>2018</b> , 20, e156-e163	3.9	11
137	Prevalence and electrocardiographic characteristics of early repolarization pattern in young teen athletes. <i>Acta Cardiologica</i> , <b>2014</b> , 69, 3-6	0.9	11
136	Persistence of Phrenic Nerve Palsy Following 28-mm Cryoballoon Ablation: A Four-Year Single Center Experience. <i>PACE - Pacing and Clinical Electrophysiology</i> , <b>2015</b> , 38, 807-14	1.6	11
135	Repeat procedures using the second-generation cryoballoon for recurrence of atrial fibrillation after initial ablation with conventional radiofrequency. <i>Journal of Interventional Cardiac Electrophysiology</i> , <b>2017</b> , 49, 119-125	2.4	10
134	Evaluation of the luminal esophageal temperature behavior during left atrium posterior wall ablation by means of second-generation cryoballoon. <i>Journal of Interventional Cardiac Electrophysiology</i> , <b>2019</b> , 55, 191-196	2.4	10
133	Cryoballoon ablation of atrial fibrillation: state of the art 10 years after its invention. <i>Recent Patents on Cardiovascular Drug Discovery</i> , <b>2010</b> , 5, 177-83		10
132	Single freeze strategy with the second-generation cryoballoon for atrial fibrillation: a multicenter international retrospective analysis in a large cohort of patients. <i>Journal of Interventional Cardiac Electrophysiology</i> , <b>2017</b> , 49, 173-180	2.4	9
131	Long-Term Performance of the Riata/ST Implantable Cardioverter-Defibrillator Lead. <i>American Journal of Cardiology</i> , <b>2016</b> , 117, 807-12	3	9
130	Recognizing and reacting to complications of trans-septal puncture. <i>Expert Review of Cardiovascular Therapy</i> , <b>2017</b> , 15, 905-912	2.5	9
129	Exercise-related Brugada pattern and monomorphic ventricular tachycardia in a patient with Brugada syndrome: interplay between body temperature, haemodynamics and vagal activity. <i>European Heart Journal</i> , <b>2016</b> , 37, 655	9.5	8
128	Recent advances in cryoballoon ablation for atrial fibrillation. <i>Expert Review of Medical Devices</i> , <b>2019</b> , 16, 799-808	3.5	8
127	Quantification of acute parasympathetic denervation during cryoballoon ablation by using extracardiac vagal stimulation. <i>Journal of Cardiovascular Medicine</i> , <b>2019</b> , 20, 107-113	1.9	8
126	Continuous monitoring after second-generation cryoballoon ablation for paroxysmal atrial fibrillation in patients with cardiac implantable electronic devices. <i>Heart Rhythm</i> , <b>2019</b> , 16, 187-196	6.7	8
125	Role of home monitoring in children with implantable cardioverter defibrillators for Brugada syndrome. <i>Europace</i> , <b>2013</b> , 15 Suppl 1, i17-i25	3.9	8
124	Long-term durability of posterior wall isolation using the cryoballoon in patients with persistent atrial fibrillation: a multicenter analysis of repeat catheter ablations. <i>Journal of Interventional Cardiac Electrophysiology</i> , <b>2021</b> , 62, 161-169	2.4	8
123	Second-Generation Cryoballoon Ablation in the Setting of Lone Paroxysmal Atrial Fibrillation: Single Procedural Outcome at 12 Months. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2016</b> , 27, 677-82	2.7	8

122	Hybrid thoracoscopic epicardial ablation of right ventricular outflow tract in patients with Brugada syndrome. <i>Heart Rhythm</i> , <b>2019</b> , 16, 879-887	6.7	8
121	Sinus Node Sparing Novel Hybrid Approach for Treatment of Inappropriate Sinus Tachycardia/Postural Orthostatic Sinus Tachycardia With New Electrophysiological Finding. <i>American Journal of Cardiology</i> , <b>2019</b> , 124, 224-232	3	7
120	Posterior box isolation as an adjunctive ablation strategy with the second-generation cryoballoon for paroxysmal atrial fibrillation: a comparison with standard cryoballoon pulmonary vein isolation. <i>Journal of Interventional Cardiac Electrophysiology</i> , <b>2021</b> , 61, 313-319	2.4	7
119	Cryoballoon ablation during atrial fibrillation is associated with faster temperature drop and lower freezing temperatures. <i>Journal of Interventional Cardiac Electrophysiology</i> , <b>2016</b> , 47, 357-364	2.4	7
118	Acute and one year outcome of premature ventricular contraction ablation guided by contact force and automated pacemapping software. <i>Journal of Arrhythmia</i> , <b>2019</b> , 35, 542-549	1.5	7
117	Impact on Clinical Outcome of Premature Interruption of Cryoenergy Delivery Due to Phrenic Nerve Palsy During Second Generation Cryoballoon Ablation for Paroxysmal Atrial Fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2015</b> , 26, 950-955	2.7	7
116	Ivabradine to treat inappropriate sinus tachycardia after the fast pathway ablation in a patient with severe pectus excavatum. <i>PACE - Pacing and Clinical Electrophysiology</i> , <b>2010</b> , 33, e32-5	1.6	7
115	Two-year follow-up of one-stage left unilateral thoracoscopic epicardial and transcatheter endocardial ablation for persistent and long-standing persistent atrial fibrillation. <i>Journal of Interventional Cardiac Electrophysiology</i> , <b>2020</b> , 58, 333-343	2.4	7
114	Effects of propofol on ventricular repolarization and incidence of malignant arrhythmias in adults. <i>Journal of Electrocardiology</i> , <b>2018</b> , 51, 170-174	1.4	7
113	Acute and long-term outcomes of simultaneous atrioventricular node ablation and leadless pacemaker implantation. <i>PACE - Pacing and Clinical Electrophysiology</i> , <b>2018</b> , 41, 1484-1490	1.6	7
112	Acute pericarditis following second-generation cryoballoon ablation for atrial fibrillation. <i>Journal of Interventional Cardiac Electrophysiology</i> , <b>2018</b> , 51, 279-284	2.4	6
111	Radiofrequency versus cryoballoon ablation for atrial fibrillation in the setting of left common pulmonary veins. <i>PACE - Pacing and Clinical Electrophysiology</i> , <b>2019</b> , 42, 1456-1462	1.6	6
110	Role of the burden of premature atrial contractions during the blanking period following second-generation cryoballoon ablation in predicting late recurrences of atrial arrhythmias. <i>Journal of Interventional Cardiac Electrophysiology</i> , <b>2017</b> , 49, 329-335	2.4	6
109	The importance of class-I antiarrhythmic drug test in the evaluation of patients with syncope: unmasking Brugada syndrome. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2012</b> , 23, 290-5	2.7	6
108	Genetic basis of ventricular arrhythmias. <i>Heart Failure Clinics</i> , <b>2010</b> , 6, 249-66	3.3	6
107	Single 3-min freeze per vein ablation strategy with the second-generation cryoballoon for atrial fibrillation in a large cohort of patients: long term outcome after a single procedure. <i>Journal of Interventional Cardiac Electrophysiology</i> , <b>2018</b> , 53, 81-89	2.4	6
106	Electrocardiographic and clinical predictors of permanent pacemaker insertion following Perceval sutureless aortic valve implantation. <i>Journal of Electrocardiology</i> , <b>2019</b> , 56, 10-14	1.4	5
105	Cardioneuroablation instead of pacemaker implantation in a young patient suffering from permanent 2:1 atrioventricular block after a slow pathway ablation. <i>HeartRhythm Case Reports</i> , <b>2020</b> , 6, 261-264	1	5

104	Anatomical and procedural predictors of pulmonary vein stenosis in the setting of second-generation cryoballoon ablation. <i>Journal of Cardiovascular Medicine</i> , <b>2018</b> , 19, 290-296	1.9	5
103	Long-term outcome of pulmonary vein isolation in patients with paroxysmal atrial fibrillation and Brugada syndrome. <i>Europace</i> , <b>2018</b> , 20, 548-554	3.9	5
102	Second generation cryoballoon ablation for atrial fibrillation in young adults: midterm outcome in patients under 40 years of age. <i>Europace</i> , <b>2018</b> , 20, 295-300	3.9	5
101	Value of high-resolution mapping in optimizing cryoballoon ablation of atrial fibrillation. <i>International Journal of Cardiology</i> , <b>2018</b> , 270, 136-142	3.2	5
100	Comparison of the Incidences of Complications After Second-Generation Cryoballoon Ablation of Atrial Fibrillation Using Vitamin K Antagonists Versus Novel Oral Anticoagulants. <i>American Journal of Cardiology</i> , <b>2017</b> , 120, 223-229	3	5
99	Atrial flutter in normal heart could be first manifestation of Brugada syndrome. <i>Acta Cardiologica</i> , <b>2012</b> , 67, 97-100	0.9	5
98	Real-Time Recordings in Cryoballoon Pulmonary Veins Isolation: Comparison Between the 25mm and the 20mm Achieve Catheters. <i>Journal of Atrial Fibrillation</i> , <b>2018</b> , 10, 1855	0.8	5
97	Left atrium remodeling predicts late recurrence of paroxysmal atrial fibrillation after second generation cryoballoon ablation. <i>Cardiovascular Ultrasound</i> , <b>2018</b> , 16, 19	2.4	5
96	Concomitant Brugada syndrome substrate ablation and epicardial abdominal cardioverter-defibrillator implantation in a child. <i>HeartRhythm Case Reports</i> , <b>2018</b> , 4, 214-218	1	5
95	Leadless pacing in a young patient with cardioinhibitory vasovagal syncope. <i>Indian Pacing and Electrophysiology Journal</i> , <b>2018</b> , 18, 120-122	1.5	4
94	Clinical value of induction protocol after second generation cryoballoon ablation for paroxysmal atrial fibrillation. <i>Europace</i> , <b>2018</b> , 20, 778-785	3.9	4
93	Implantable cardioverter defibrillator therapy in young individuals: comparison of conventional and subcostal approaches-a single-centre experience. <i>Europace</i> , <b>2017</b> , 19, 81-87	3.9	4
92	Ablation for the treatment of Brugada syndrome: current status and future prospects. <i>Expert Review of Medical Devices</i> , <b>2020</b> , 17, 123-130	3.5	4
91	Predictors of durable electrical isolation in the setting of second-generation cryoballoon ablation: A comparison between left superior, left inferior, right superior, and right inferior pulmonary veins. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2020</b> , 31, 128-136	2.7	4
90	Worse Prognosis in Brugada Syndrome Patients With Arrhythmogenic Cardiomyopathy Features. <i>JACC: Clinical Electrophysiology</i> , <b>2020</b> , 6, 1353-1363	4.6	4
89	The role of novel oral anticoagulants in patients undergoing cryoballoon ablation for atrial fibrillation? <i>Hellenic Journal of Cardiology</i> , <b>2016</b> , 57, 331-337	2.1	4
88	Cardiac parasympathetic modulation in the setting of radiofrequency ablation for atrial fibrillation.. <i>Archives of Medical Science</i> , <b>2021</b> , 17, 1716-1721	2.9	4
87	High parasympathetic activity as reflected by deceleration capacity predicts atrial fibrillation recurrence after repeated catheter ablation procedure. <i>Journal of Interventional Cardiac Electrophysiology</i> , <b>2021</b> , 60, 21-29	2.4	4



86	Short P-Wave Duration is a Marker of Higher Rate of Atrial Fibrillation Recurrences after Pulmonary Vein Isolation: New Insights into the Pathophysiological Mechanisms Through Computer Simulations. <i>Journal of the American Heart Association</i> , <b>2021</b> , 10, e018572	6	4
85	Single procedural outcomes in the setting of percutaneous ablation for persistent atrial fibrillation: a propensity-matched score comparison between different strategies. <i>Journal of Interventional Cardiac Electrophysiology</i> , <b>2021</b> , 1	2.4	4
84	Atrial fibrillation ablation with the second generation cryoballoon: Multicenter propensity score matched comparison between freezing strategies. <i>International Journal of Cardiology</i> , <b>2018</b> , 253, 78-81	3.2	4
83	Second-Generation Cryoballoon Ablation for Atrial Fibrillation - A Detailed Analysis of the Impact of Left Atrial Volume Index on Clinical Outcome. <i>Circulation Journal</i> , <b>2018</b> , 83, 84-90	2.9	4
82	Investigation on Sudden Unexpected Death in the Young (SUDY) in Europe: results of the European Heart Rhythm Association Survey. <i>Europace</i> , <b>2021</b> ,	3.9	4
81	Segmental nonocclusive cryoballoon ablation of pulmonary veins and extrapulmonary vein structures: Best practices III. <i>Heart Rhythm</i> , <b>2021</b> , 18, 1435-1444	6.7	4
80	Early repolarization pattern as a predictor of atrial fibrillation recurrence following radiofrequency pulmonary vein isolation. <i>Annals of Noninvasive Electrocardiology</i> , <b>2019</b> , 24, e12627	1.5	3
79	Catheter ablation of atrial fibrillation in patients with heart failure with reduced ejection fraction: Real world experience from six European centers. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2019</b> , 30, 1270-1277	2.7	3
78	Predictors of cardiac neuromodulation achieved by cryoballoon ablation performed in patients with atrial fibrillation who were in sinus rhythm before the ablation. <i>International Journal of Cardiology</i> , <b>2020</b> , 310, 86-91	3.2	3
77	Pericardial adhesions as a consequence of cryoballoon ablation detected during the hybrid AF ablation procedure. <i>HeartRhythm Case Reports</i> , <b>2016</b> , 2, 111-112	1	3
76	The clinical impact of ajmaline challenge in elderly patients with suspected atrioventricular conduction disease. <i>International Journal of Cardiology</i> , <b>2014</b> , 172, 423-7	3.2	3
75	Extreme bradycardia during pulmonary vein isolation: keep on ablating in that region?. <i>Journal of Cardiovascular Medicine</i> , <b>2009</b> , 10, 267-70	1.9	3
74	The Use of Cryoballoon Ablation in Atrial Fibrillation: Simplifying Pulmonary Vein Isolation?. <i>Journal of Atrial Fibrillation</i> , <b>2010</b> , 3, 294	0.8	3
73	Ajmaline Testing and the Brugada Syndrome. <i>American Journal of Cardiology</i> , <b>2020</b> , 135, 91-98	3	3
72	Mid-term outcome following second-generation cryoballoon ablation for atrial fibrillation in heart failure patients: effectiveness of single 3-min freeze cryoablation performed in a cohort of patients with reduced left ventricular systolic function. <i>Journal of Cardiovascular Medicine</i> , <b>2019</b> , 20, 667-675	1.9	3
71	Towards a tailored cryo-pulmonary vein isolation. Lessons learned from second-generation cryoballoon ablation. <i>Trends in Cardiovascular Medicine</i> , <b>2019</b> , 29, 420-425	6.9	3
70	Long-term clinical outcomes after single freeze cryoballoon ablation for paroxysmal atrial fibrillation: a 5-year follow-up. <i>Journal of Interventional Cardiac Electrophysiology</i> , <b>2021</b> , 61, 87-93	2.4	3
69	dST-Tiso Interval, a Novel Electrocardiographic Marker of Ventricular Arrhythmia Inducibility in Individuals With Ajmaline-Induced Brugada Type I Pattern. <i>American Journal of Cardiology</i> , <b>2021</b> , 159, 94-99	3	3

68	Anatomic predictors of late right inferior pulmonary vein reconnection in the setting of second-generation cryoballoon ablation. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2019</b> , 30, 2294-2301 <sup>2,7</sup>		2
67	Complete epicardial resynchronization device implantation in a patient who underwent a replacement of mitral and tricuspid valve. <i>PACE - Pacing and Clinical Electrophysiology</i> , <b>2013</b> , 36, e56-8	1.6	2
66	High vagal tone predicts pulmonary vein reconnection after cryoballoon ablation for paroxysmal atrial fibrillation. <i>PACE - Pacing and Clinical Electrophysiology</i> , <b>2021</b> , 44, 2075	1.6	2
65	Concomitant thoracoscopic left cardiac sympathectomy and RVOT epicardial ablation of the arrhythmogenic substrate in a patient with Long QT and Brugada syndromes related to uncommon sodium channel beta-subunit mutation. <i>PACE - Pacing and Clinical Electrophysiology</i> , <b>2021</b> , 44, 1282-1286	1.6	2
64	Efficacy and safety of the second-generation cryoballoon ablation for the treatment of persistent atrial fibrillation in elderly patients. <i>Journal of Arrhythmia</i> , <b>2021</b> , 37, 626-634	1.5	2
63	A novel noncontact high-resolution charge density mapping system to guide ablation of complex atrial arrhythmias: overview of device technology and application. <i>Expert Review of Medical Devices</i> , <b>2021</b> , 18, 343-350	3.5	2
62	Repeat procedures after second-generation cryoballoon ablation as an index procedure for persistent atrial fibrillation: one-year follow-up. <i>Journal of Interventional Cardiac Electrophysiology</i> , <b>2016</b> , 47, 365-371	2.4	2
61	Impact of an additional right pulmonary vein on second-generation cryoballoon ablation for atrial fibrillation: a propensity matched score study. <i>Journal of Interventional Cardiac Electrophysiology</i> , <b>2019</b> , 54, 1-8	2.4	2
60	Novel noncontact charge density map in the setting of post-atrial fibrillation atrial tachycardias: first experience with the Acutus SuperMap Algorithm. <i>Journal of Interventional Cardiac Electrophysiology</i> , <b>2021</b> , 61, 187-195	2.4	2
59	Safety, effectiveness, and quality of life following pulmonary vein isolation with a multi-electrode radiofrequency balloon catheter in paroxysmal atrial fibrillation: 1-year outcomes from SHINE. <i>Europace</i> , <b>2021</b> , 23, 851-860	3.9	2
58	High-density epicardial mapping in Brugada syndrome: Depolarization and repolarization abnormalities. <i>Heart Rhythm</i> , <b>2021</b> ,	6.7	2
57	Comparison between superior vena cava ablation in addition to pulmonary vein isolation and standard pulmonary vein isolation in patients with paroxysmal atrial fibrillation with the cryoballoon technique. <i>Journal of Interventional Cardiac Electrophysiology</i> , <b>2021</b> , 62, 579-586	2.4	2
56	The assessment of pulmonary vein potentials using the new achieve advance during cryoballoon ablation of atrial fibrillation. <i>Indian Pacing and Electrophysiology Journal</i> , <b>2019</b> , 19, 211-215	1.5	1
55	Impact of cryoballoon-guided pulmonary vein isolation on non-invasive autonomic tests in patients with paroxysmal atrial fibrillation. <i>Indian Pacing and Electrophysiology Journal</i> , <b>2019</b> , 19, 171-177	1.5	1
54	Over-the-needle trans-septal access using the cryoballoon delivery sheath and dilator in atrial fibrillation ablation. <i>PACE - Pacing and Clinical Electrophysiology</i> , <b>2019</b> , 42, 868-873	1.6	1
53	Robot-assisted thoracoscopic diaphragm plication for symptomatic diaphragm paralysis after cryoballoon ablation. <i>HeartRhythm Case Reports</i> , <b>2019</b> , 5, 343-346	1	1
52	Pulmonary veins anatomical determinants of cooling kinetics during second-generation cryoballoon ablation. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2020</b> , 31, 629-637	2.7	1
51	Cryoballoon ablation in the presence of a large occlutech device. <i>Acta Cardiologica</i> , <b>2018</b> , 73, 411-412	0.9	1

50	Predictors of successful atrial and ventricular auto capture pacemaker algorithm post implantation: single-centre experience. <i>Acta Cardiologica</i> , <b>2016</b> , 71, 612-615	0.9	1
49	Extracardiac ice formation during CoolLoop cryoablation of atrial fibrillation. <i>PACE - Pacing and Clinical Electrophysiology</i> , <b>2018</b> , 41, 1264-1265	1.6	1
48	ICD function and dysfunction in patients with arrhythmogenic cardiac diseases: the role of home monitoring. <i>Acta Cardiologica</i> , <b>2013</b> , 68, 387-94	0.9	1
47	Incremental value of left atrial strain to predict atrial fibrillation recurrence after cryoballoon ablation. <i>PLoS ONE</i> , <b>2021</b> , 16, e0259999	3.7	1
46	Predictors of long-term outcome in patients undergoing a first repeat ablation consisting solely of re-isolation of reconnected pulmonary veins. <i>Journal of Atrial Fibrillation</i> , <b>2019</b> , 11, 2114	0.8	1
45	Recurrent Atrial Fibrillation After Cryoballoon Ablation: What to Expect!. <i>Cardiac Electrophysiology Clinics</i> , <b>2020</b> , 12, 199-208	1.4	1
44	Propofol for Induction and Maintenance of Anesthesia in Patients With Brugada Syndrome: A Single-Center, 25-Year, Retrospective Cohort Analysis. <i>Anesthesia and Analgesia</i> , <b>2021</b> , 132, 1645-1653	3.9	1
43	A novel strategy to treat vaso-vagal syncope: Cardiac neuromodulation by cryoballoon pulmonary vein isolation. <i>Indian Pacing and Electrophysiology Journal</i> , <b>2020</b> , 20, 154-159	1.5	1
42	Safety and feasibility of electrical isolation of the superior vena cava in addition to pulmonary vein ablation for paroxysmal atrial fibrillation using the cryoballoon: lessons from a prospective study. <i>Journal of Interventional Cardiac Electrophysiology</i> , <b>2021</b> , 60, 255-260	2.4	1
41	Temperature-guided ablation with the second-generation cryoballoon for paroxysmal atrial fibrillation: 3-year follow-up in a multicenter experience. <i>Journal of Interventional Cardiac Electrophysiology</i> , <b>2021</b> , 61, 95-104	2.4	1
40	Electrocardiographic imaging of the arrhythmogenic substrate of Brugada syndrome: Current evidence and future perspectives. <i>Trends in Cardiovascular Medicine</i> , <b>2021</b> , 31, 323-329	6.9	1
39	Phrenic nerve palsy during right-sided pulmonary veins cryoapplications: new insights from pulmonary vein anatomy addressed by computed tomography. <i>Journal of Interventional Cardiac Electrophysiology</i> , <b>2021</b> , 60, 85-92	2.4	1
38	Substrate mapping of the left atrium in persistent atrial fibrillation: spatial correlation of localized complex conduction patterns in global charge-density maps to low-voltage areas in 3D contact bipolar voltage maps. <i>Journal of Interventional Cardiac Electrophysiology</i> , <b>2021</b> , 62, 539-547	2.4	1
37	Sinus node sparing novel hybrid approach for treatment of inappropriate sinus tachycardia/postural sinus tachycardia: multicenter experience. <i>Journal of Interventional Cardiac Electrophysiology</i> , <b>2021</b> , 1	2.4	1
36	Repeat procedures for recurrent persistent atrial fibrillation: A propensity-matched score comparison between left atrial linear ablation with radiofrequency and posterior wall isolation with the cryoballoon. <i>Journal of Arrhythmia</i> , <b>2021</b> , 37, 1287-1294	1.5	1
35	Remote proctoring for cryoballoon ablation of atrial fibrillation: A challenge or an opportunity in the COVID-19 era?. <i>Cardiology Journal</i> , <b>2021</b> ,	1.4	1
34	Initial rhythm control with cryoballoon ablation vs drug therapy: Impact on quality of life and symptoms. <i>American Heart Journal</i> , <b>2021</b> , 242, 103-114	4.9	1
33	Cryoballoon ablation performed with a novel EP mapping system. <i>Europace</i> , <b>2020</b> , 22, 931	3.9	0

32	Epidemiologí de la muerte sbita cardiaca. <i>Revista Espanola De Cardiologia Suplementos</i> , <b>2013</b> , 13, 2-6	0.2	o
31	Ajmaline-Induced Abnormalities in Brugada Syndrome: Evaluation With ECG Imaging.. <i>Journal of the American Heart Association</i> , <b>2022</b> , e024001	6	o
30	The optimized clinical workflow for pulmonary vein isolation with the radiofrequency balloon. <i>Journal of Interventional Cardiac Electrophysiology</i> , <b>2021</b> , 1	2.4	o
29	Procedural Safety and Efficacy for Pulmonary Vein Isolation with the Novel Polarx Cryoablation System: A Propensity Score Matched Comparison with the Arctic Front Cryoballoon in the Setting of Paroxysmal Atrial Fibrillation.. <i>Journal of Atrial Fibrillation</i> , <b>2021</b> , 14, 20200455	0.8	o
28	High-density mapping in patients undergoing ablation of atrial fibrillation with the fourth-generation cryoballoon and the new spiral mapping catheter. <i>Europace</i> , <b>2020</b> , 22, 1653-1658	3.9	o
27	Ablation therapy of postural orthostatic tachycardia syndrome, inappropriate sinus tachycardia and primary electrical diseases: new insights in invasive treatment options in severely symptomatic patients. <i>Herzschrittmachertherapie Und Elektrophysiologie</i> , <b>2021</b> , 32, 323-329	0.8	o
26	Pulsed field ablation: have we finally found the holy grail?. <i>Europace</i> , <b>2021</b> , 23, 1691-1692	3.9	o
25	Comparison between the novel diamond temp and the classical 8-mm tip ablation catheters in the setting of typical atrial flutter.. <i>Journal of Interventional Cardiac Electrophysiology</i> , <b>2022</b> , 1	2.4	o
24	3D Printed Surgical Guide for Coronary Artery Bypass Graft: Workflow from Computed Tomography to Prototype. <i>Bioengineering</i> , <b>2022</b> , 9, 179	5.3	o
23	Durability of pulmonary vein isolation following cryoballoon ablation: Lessons from a large series of repeat ablation procedures.. <i>IJC Heart and Vasculature</i> , <b>2022</b> , 40, 101040	2.4	o
22	A Battery Life beyond His "Expectancy". <i>PACE - Pacing and Clinical Electrophysiology</i> , <b>2015</b> , 38, 1228-30	1.6	
21	Waking up a sleeping volcano: activation of an accessory pathway after aortic valve surgery. <i>Europace</i> , <b>2015</b> , 17, 1353	3.9	
20	Conversion of atrial fibrillation to sinus rhythm during cryoballoon ablation: A favorable and not unusual phenomenon during second-generation cryoballoon pulmonary vein isolation. <i>Journal of Arrhythmia</i> , <b>2020</b> , 36, 319-327	1.5	
19	A case of Brugada pattern "bigeminy". <i>PACE - Pacing and Clinical Electrophysiology</i> , <b>2020</b> , 43, 524-526	1.6	
18	Reply to Cronin et al., Iatrogenic Atrial Septal Defect after Radiofrequency or Cryoablation of Atrial Fibrillation. <i>PACE - Pacing and Clinical Electrophysiology</i> , <b>2016</b> , 39, 310-1	1.6	
17	First experience with hybrid thoracoscopic ablation and noncontact dipole density mapping in the setting of long-term persistent atrial fibrillation. <i>HeartRhythm Case Reports</i> , <b>2019</b> , 5, 304-305	1	
16	Premature ventricular contractions from the outflow tract: 2 sides of the same coin!. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2012</b> , 23, 1395-7	2.7	
15	Simultaneous wide and narrow QRS complex tachycardia: what is the mechanism?. <i>Revista Portuguesa De Cardiologia (English Edition)</i> , <b>2013</b> , 32, 431-435	0	

14	Different narrow QRS morphologies in the surface ECG: what is the mechanism?. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2009</b> , 20, 952-4	2.7
13	Inefficacious ICD shocks treated with left cardiac sympathetic denervation in a patient with catecholaminergic polymorphic ventricular tachycardia. <i>Journal of Cardiology Cases</i> , <b>2011</b> , 4, e34-e37	0.6
12	Transseptal puncture for atrial fibrillation ablation in a patient with previous Tirone David intervention: the role of real-time 3D transesophageal echocardiography guidance. <i>Journal of Cardiovascular Medicine</i> , <b>2009</b> , 10, 563-4	1.9
11	Additional value of left atrium remodeling assessed by three-dimensional echocardiography for the prediction of atrial fibrillation recurrence after cryoballoon ablation.. <i>International Journal of Cardiovascular Imaging</i> , <b>2021</b> , 1	2.5
10	Standardized Quantification of Vagal Denervation by Extracardiac Vagal Stimulation during Second Generation Cryoballoon ablation: a Vein per Vein Analysis. <i>Journal of Atrial Fibrillation</i> , <b>2019</b> , 12, 2223	0.8
9	Cryoballoon ablation of atrial fibrillation in a patient with partial anomalous pulmonary vein drainage in the superior vena cava.. <i>HeartRhythm Case Reports</i> , <b>2022</b> , 8, 119-121	1
8	Real world data on non-complex catheter ablations performed on zero fluoroscopy in a secondary centre in the South of Belgium. <i>Acta Cardiologica</i> , <b>2020</b> , 1-5	0.9
7	Electrophysiological findings in patients with isolated veins after cryoablation for paroxysmal atrial fibrillation. <i>Journal of Cardiovascular Medicine</i> , <b>2020</b> , 21, 641-647	1.9
6	Antithrombotic treatment management in low stroke risk patients undergoing cardioversion of atrial fibrillation . <i>Europace</i> , <b>2021</b> , 23, 1502-1507	3.9
5	Characteristics of patients with atrial fibrillation prescribed edoxaban in Belgium and The Netherlands: insights from the ETNA-AF-Europe study. <i>Acta Cardiologica</i> , <b>2021</b> , 76, 431-439	0.9
4	Common veins, common freezes. <i>HeartRhythm Case Reports</i> , <b>2018</b> , 4, 264-265	1
3	In vivo preliminary test of a new biparietal bidirectional bipolar radiofrequency magnetic coupling system. <i>PACE - Pacing and Clinical Electrophysiology</i> , <b>2021</b> , 44, 1585-1592	1.6
2	Hybrid Surgical Ablation of Recurrent Ventricular Tachycardia in a Patient With High-Risk Brugada Syndrome.. <i>JACC: Case Reports</i> , <b>2022</b> , 4, 214-220	1.2
1	Atrial Fibrillation Global Changes after Pulmonary Vein and Posterior Wall Isolation: A Charge Density Mapping Study. <i>Journal of Clinical Medicine</i> , <b>2022</b> , 11, 2948	5.1