

Erwin StrÄjker

List of Publications by Year in descending order

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92
papers

1,364
citations

361413

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434195

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times ranked

1341
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#	ARTICLE	IF	CITATIONS
1	On the Quest for the Best Freeze. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 1359-1365.	4.8	105
2	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> , 2016, 18, 71-77.	1.7	69
3	Single 3â€Minute versus Double 4â€Minute Freeze Strategy for Secondâ€Generation Cryoballoon Ablation: A Singleâ€Center Experience. <i>Journal of Cardiovascular Electrophysiology</i> , 2016, 27, 796-803.	1.7	66
4	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> , 2015, 12, 1476-1482.	0.7	61
5	Second-generation cryoballoon ablation in the setting of left common pulmonary veins: Procedural findings and clinical outcome. <i>Heart Rhythm</i> , 2017, 14, 1311-1318.	0.7	44
6	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> , 2016, 18, 987-993.	1.7	43
7	Anatomic predictors of phrenic nerve injury in the setting of pulmonary vein isolation using the 28-mm second-generation cryoballoon. <i>Heart Rhythm</i> , 2016, 13, 342-351.	0.7	42
8	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> , 2015, 38, 1049-1057.	1.2	38
9	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> , 2015, 196, 42-49.	1.7	38
10	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> , 2017, 14, 322-328.	0.7	38
11	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> , 2017, 19, 1798-1803.	1.7	37
12	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> , 2017, 19, euw026.	1.7	31
13	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> , 2016, 18, 1179-1186.	1.7	26
14	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> , 2016, 18, 702-709.	1.7	25
15	Long-term outcome after second-generation cryoballoon ablation for paroxysmal atrial fibrillation - a 3-years follow-up. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2017, 49, 93-100.	1.3	25
16	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> , 2016, 46, 307-314.	1.3	23
17	Incidence of real-time recordings of pulmonary vein potentials using the third-generation short-tip cryoballoon. <i>Europace</i> , 2016, 18, 1158-1163.	1.7	23
18	Long-Term Follow-Up of Proband With Brugada Syndrome. <i>American Journal of Cardiology</i> , 2017, 119, 1392-1400.	1.6	23

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19	Value of ultrasound for access guidance and detection of subclinical vascular complications in the setting of atrial fibrillation cryoballoon ablation. <i>Europace</i> , 2019, 21, 434-439.	1.7	23
20	Prevalence and Clinical Impact of Early Repolarization Pattern and QRS-Fragmentation in High-Risk Patients With Brugada Syndrome. <i>Circulation Journal</i> , 2016, 80, 2109-2116.	1.6	22
21	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> , 2016, 27, 41-50.	1.7	21
22	Role of Electrocardiographic Tpeak-Tend for the Prediction of Ventricular Arrhythmic Events in the Brugada Syndrome. <i>American Journal of Cardiology</i> , 2017, 120, 1332-1337.	1.6	20
23	Phrenic nerve injury during right inferior pulmonary vein ablation with the second-generation cryoballoon: clinical, procedural, and anatomical characteristics. <i>Europace</i> , 2018, 20, e156-e163.	1.7	19
24	High-density epicardial mapping in Brugada syndrome: Depolarization and repolarization abnormalities. <i>Heart Rhythm</i> , 2022, 19, 397-404.	0.7	18
25	Hybrid thoracoscopic epicardial ablation of right ventricular outflow tract in patients with Brugada syndrome. <i>Heart Rhythm</i> , 2019, 16, 879-887.	0.7	17
26	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> , 2019, 124, 224-232.	1.6	16
27	Persistence of Phrenic Nerve Palsy Following 28-mm Cryoballoon Ablation: A Four-Year Single Center Experience. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2015, 38, 807-814.	1.2	15
28	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> , 2019, 55, 191-196.	1.3	15
29	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> , 2020, 58, 333-343.	1.3	15
30	Value of high-resolution mapping in optimizing cryoballoon ablation of atrial fibrillation. <i>International Journal of Cardiology</i> , 2018, 270, 136-142.	1.7	14
31	Long-Term Performance of the Riata/ST Implantable Cardioverter-Defibrillator Lead. <i>American Journal of Cardiology</i> , 2016, 117, 807-812.	1.6	13
32	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> , 2018, 20, f377-f383.	1.7	12
33	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> , 2017, 49, 119-125.	1.3	11
34	Acute pericarditis following second-generation cryoballoon ablation for atrial fibrillation. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2018, 51, 279-284.	1.3	11
35	Over-the-needle transseptal access using the cryoballoon delivery sheath and dilator in atrial fibrillation ablation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2019, 42, 868-873.	1.2	10
36	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> , 2020, 31, 128-136.	1.7	10

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37	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> , 2021, 61, 187-195.	1.3	10
38	High parasympathetic activity as reflected by deceleration capacity predicts atrial fibrillation recurrence after repeated catheter ablation procedure. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2021, 60, 21-29.	1.3	10
39	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> , 2022, 64, 9-16.	1.3	10
40	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> , 2021, 62, 579-586.	1.3	10
41	The optimized clinical workflow for pulmonary vein isolation with the radiofrequency balloon. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2022, 64, 531-538.	1.3	10
42	SCN5A mutation in Brugada syndrome is associated with substrate severity detected by electrocardiographic imaging and high-density electroanatomic mapping. <i>Heart Rhythm</i> , 2022, 19, 945-951.	0.7	10
43	Second-Generation Cryoballoon Ablation in the Setting of Lone Paroxysmal Atrial Fibrillation: Single Procedural Outcome at 12 Months. <i>Journal of Cardiovascular Electrophysiology</i> , 2016, 27, 677-682.	1.7	9
44	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> , 2016, 37, 655-655.	2.2	9
45	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> , 2017, 49, 173-180.	1.3	9
46	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> , 2017, 49, 329-335.	1.3	9
47	Second generation cryoballoon ablation for atrial fibrillation in young adults: midterm outcome in patients under 40 years of age. <i>Europace</i> , 2018, 20, 295-300.	1.7	9
48	Atrial fibrillation ablation with the second generation cryoballoon: Multicenter propensity score matched comparison between freezing strategies. <i>International Journal of Cardiology</i> , 2018, 253, 78-81.	1.7	9
49	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> , 2015, 26, 950-955.	1.7	8
50	Long-term outcome of pulmonary vein isolation in patients with paroxysmal atrial fibrillation and Brugada syndrome. <i>Europace</i> , 2018, 20, 548-554.	1.7	8
51	Continuous monitoring after second-generation cryoballoon ablation for paroxysmal atrial fibrillation in patients with cardiac implantable electronic devices. <i>Heart Rhythm</i> , 2019, 16, 187-196.	0.7	8
52	Radiofrequency versus cryoballoon ablation for atrial fibrillation in the setting of left common pulmonary veins. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2019, 42, 1456-1462.	1.2	8
53	Electrocardiographic and clinical predictors of permanent pacemaker insertion following Perceval sutureless aortic valve implantation. <i>Journal of Electrocardiology</i> , 2019, 56, 10-14.	0.9	8
54	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> , 2021, 61, 87-93.	1.3	8

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55	Sinus node sparing novel hybrid approach for treatment of inappropriate sinus tachycardia/postural sinus tachycardia: multicenter experience. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2022, 63, 531-544.	1.3	8
56	High vagal tone predicts pulmonary vein reconnection after cryoballoon ablation for paroxysmal atrial fibrillation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2021, 44, 2075-2083.	1.2	8
57	Durability of pulmonary vein isolation following cryoballoon ablation: Lessons from a large series of repeat ablation procedures. <i>IJC Heart and Vasculature</i> , 2022, 40, 101040.	1.1	8
58	Cryoballoon ablation during atrial fibrillation is associated with faster temperature drop and lower freezing temperatures. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2016, 47, 357-364.	1.3	7
59	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> , 2017, 120, 223-229.	1.6	7
60	Anatomical and procedural predictors of pulmonary vein stenosis in the setting of second-generation cryoballoon ablation. <i>Journal of Cardiovascular Medicine</i> , 2018, 19, 290-296.	1.5	7
61	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> , 2020, 310, 86-91.	1.7	7
62	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> , 2018, 53, 81-89.	1.3	6
63	Anatomic predictors of late right inferior pulmonary vein reconnection in the setting of second-generation cryoballoon ablation. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 2294-2301.	1.7	6
64	Ajmaline Testing and the Brugada Syndrome. <i>American Journal of Cardiology</i> , 2020, 135, 91-98.	1.6	6
65	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> , 2021, 60, 255-260.	1.3	6
66	Real-Time Recordings in Cryoballoon Pulmonary Veins Isolation: Comparison Between the 25mm and the 20mm Achieve Catheters. <i>Journal of Atrial Fibrillation</i> , 2018, 10, 1855.	0.5	6
67	Feasibility and safety of left atrial posterior wall isolation with a new Cryoballoon technology in patients with persistent atrial fibrillation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2022, 45, 605-611.	1.2	6
68	Clinical value of induction protocol after second generation cryoballoon ablation for paroxysmal atrial fibrillation. <i>Europace</i> , 2018, 20, 778-785.	1.7	5
69	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> , 2021, 62, 539-547.	1.3	5
70	Procedural Safety and Efficacy for Pulmonary Vein Isolation with the Novel Polarxâ,¢ Cryoablation System: A Propensity Score Matched Comparison with the Arctic Frontâ,¢ Cryoballoon in the Setting of Paroxysmal Atrial Fibrillation. <i>Journal of Atrial Fibrillation</i> , 2020, 14, 20200455.	0.5	5
71	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> , 2022, 64, 751-757.	1.3	5
72	Implantable cardioverter defibrillator therapy in young individuals: comparison of conventional and subcostal approachesâ€”a single-centre experience. <i>Europace</i> , 2016, 19, euv455.	1.7	4

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73	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> , 2018, 83, 84-90.	1.6	4
74	Early repolarization pattern as a predictor of atrial fibrillation recurrence following radiofrequency pulmonary vein isolation. <i>Annals of Noninvasive Electrocardiology</i> , 2019, 24, e12627.	1.1	4
75	The assessment of pulmonary vein potentials using the new achieve advance during cryoballoon ablation of atrial fibrillation. <i>Indian Pacing and Electrophysiology Journal</i> , 2019, 19, 211-215.	0.6	4
76	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> , 2019, 54, 1-8.	1.3	4
77	Pulmonary veins anatomical determinants of cooling kinetics during second-generation cryoballoon ablation. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 629-637.	1.7	4
78	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> , 2021, 61, 95-104.	1.3	4
79	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> , 2021, 60, 85-92.	1.3	4
80	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> , 2016, 47, 365-371.	1.3	3
81	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> , 2019, 19, 171-177.	0.6	3
82	A novel strategy to treat vaso-vagal syncope: Cardiac neuromodulation by cryoballoon pulmonary vein isolation. <i>Indian Pacing and Electrophysiology Journal</i> , 2020, 20, 154-159.	0.6	3
83	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> , 2019, 11, 2114.	0.5	2
84	Cryoballoon ablation in the presence of a large occlutech device. <i>Acta Cardiologica</i> , 2018, 73, 411-412.	0.9	1
85	Atrial Fibrillation Global Changes after Pulmonary Vein and Posterior Wall Isolation: A Charge Density Mapping Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 2948.	2.4	1
86	A Battery Life beyond His—Expectancy. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2015, 38, 1228-1230.	1.2	0
87	Waking up a sleeping volcano: activation of an accessory pathway after aortic valve surgery.. <i>Europace</i> , 2015, 17, 1353-1353.	1.7	0
88	Common veins, common freezes. <i>HeartRhythm Case Reports</i> , 2018, 4, 264-265.	0.4	0
89	Cryoballoon ablation for the treatment of atrial fibrillation: Does it stand the test of time?. <i>International Journal of Cardiology</i> , 2018, 266, 151-152.	1.7	0
90	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> , 2019, 5, 304-305.	0.4	0

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91	Standardized Quantification of Vagal Denervation by Extracardiac Vagal Stimulation during Second Generation Cryoballoon ablation: a Vein per Vein Analysis. Journal of Atrial Fibrillation, 2019, 12, 2223.	0.5	0
92	Cryoballoon ablation of atrial fibrillation in a patient with partial anomalous pulmonary vein drainage in the superior vena cava.. HeartRhythm Case Reports, 2021, 8, 119-121.	0.4	0