

# Juan Sieira

## List of Publications by Year in descending order

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Version: 2024-02-01

87  
papers

2,366  
citations

257101

24  
h-index

233125

45  
g-index

89  
all docs

89  
docs citations

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times ranked

2025  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single 3-minute freeze for second-generation cryoballoon ablation: One-year follow-up after pulmonary vein isolation. <i>Heart Rhythm</i> , 2015, 12, 673-680.	0.3	170
2	One-Year Follow-Up After Single Procedure Cryoballoon Ablation: A Comparison Between the First and Second Generation Balloon. <i>Journal of Cardiovascular Electrophysiology</i> , 2014, 25, 834-839.	0.8	154
3	A score model to predict risk of events in patients with Brugada Syndrome. <i>European Heart Journal</i> , 2017, 38, 1756-1763.	1.0	154
4	On the Quest for the Best Freeze. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 1359-1365.	2.1	105
5	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> , 2015, 17, 559-565.	0.7	105
6	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> , 2015, 12, 60-66.	0.3	102
7	Prognostic Value of Programmed Electrical Stimulation in Brugada Syndrome. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 777-784.	2.1	95
8	Pathogenesis and management of Brugada syndrome. <i>Nature Reviews Cardiology</i> , 2016, 13, 744-756.	6.1	89
9	Drug-Induced Brugada Syndrome in Children. <i>Journal of the American College of Cardiology</i> , 2014, 63, 2272-2279.	1.2	79
10	The definition of the Brugada syndrome. <i>European Heart Journal</i> , 2017, 38, 3029-3034.	1.0	74
11	Long-Term Trends in Newly Diagnosed Brugada Syndrome. <i>Journal of the American College of Cardiology</i> , 2016, 68, 614-623.	1.2	72
12	Asymptomatic Brugada Syndrome. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 1144-1150.	2.1	70
13	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.	0.7	69
14	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> , 2014, 312, 2039.	3.8	56
15	Clinical characterisation and long-term prognosis of women with Brugada syndrome. <i>Heart</i> , 2016, 102, 452-458.	1.2	56
16	Spontaneous and Adenosine-Induced Pulmonary Vein Reconnection After Cryoballoon Ablation with the Second-Generation Device. <i>Journal of Cardiovascular Electrophysiology</i> , 2014, 25, 845-851.	0.8	55
17	Implantable Cardioverter-Defibrillators in Children and Adolescents With Brugada Syndrome. <i>Journal of the American College of Cardiology</i> , 2018, 71, 148-157.	1.2	46
18	Comparison of the patient-activated event recording system vs. traditional 24 h Holter electrocardiography in individuals with paroxysmal palpitations or dizziness. <i>Europace</i> , 2014, 16, 1231-1235.	0.7	45

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19	A Clinical Score Model to Predict Lethal Events in Young Patients (â%19 Years) With the Brugada Syndrome. <i>American Journal of Cardiology</i> , 2017, 120, 797-802.	0.7	43
20	Clinical Characteristics, Management, and Prognosis of Elderly Patients with Brugada Syndrome. <i>Journal of Cardiovascular Electrophysiology</i> , 2014, 25, 514-519.	0.8	41
21	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.	0.5	38
22	Brugada syndrome in the young: an assessment of risk factors predicting future events. <i>Europace</i> , 2017, 19, euw206.	0.7	32
23	Long-term prognosis of drug-induced Brugada syndrome. <i>Heart Rhythm</i> , 2017, 14, 1427-1433.	0.3	31
24	One Year Incidence of Iatrogenic Atrial Septal Defect After Cryoballoon Ablation for Atrial Fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2014, 25, 11-15.	0.8	24
25	Long-Term Follow-Up of Probands With Brugada Syndrome. <i>American Journal of Cardiology</i> , 2017, 119, 1392-1400.	0.7	23
26	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.	0.7	23
27	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.	0.7	22
28	Recognizing and reacting to complications of trans-septal puncture. <i>Expert Review of Cardiovascular Therapy</i> , 2017, 15, 905-912.	0.6	19
29	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.	0.7	19
30	High-density epicardial mapping in Brugada syndrome: Depolarization and repolarization abnormalities. <i>Heart Rhythm</i> , 2022, 19, 397-404.	0.3	18
31	Hybrid thoracoscopic epicardial ablation of right ventricular outflow tract in patients with Brugada syndrome. <i>Heart Rhythm</i> , 2019, 16, 879-887.	0.3	17
32	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.	0.7	16
33	Persistence of Phrenic Nerve Palsy Following 28â€mm Cryoballoon Ablation: A Fourâ€Year Single Center Experience. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2015, 38, 807-814.	0.5	15
34	Brugada Syndrome: Defining the Risk in Asymptomatic Patients. <i>Arrhythmia and Electrophysiology Review</i> , 2016, 5, 164.	1.3	15
35	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.	0.6	15
36	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.	0.6	15

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37	Worse Prognosis in Brugada Syndrome Patients With Arrhythmogenic Cardiomyopathy Features. <i>JACC: Clinical Electrophysiology</i> , 2020, 6, 1353-1363.	1.3	15
38	Value of high-resolution mapping in optimizing cryoballoon ablation of atrial fibrillation. <i>International Journal of Cardiology</i> , 2018, 270, 136-142.	0.8	14
39	Incremental value of left atrial strain to predict atrial fibrillation recurrence after cryoballoon ablation. <i>PLoS ONE</i> , 2021, 16, e0259999.	1.1	13
40	Management of Brugada Syndrome 2016: Should All High Risk Patients Receive an ICD?. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2016, 9, .	2.1	10
41	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.	0.5	10
42	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.	0.8	10
43	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.	0.6	10
44	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.	0.6	10
45	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.	0.6	10
46	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.	0.6	10
47	The optimized clinical workflow for pulmonary vein isolation with the radiofrequency balloon. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2022, 64, 531-538.	0.6	10
48	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.	0.3	10
49	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.	0.6	9
50	Acute and long-term outcomes of simultaneous atrioventricular node ablation and leadless pacemaker implantation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2018, 41, 1484-1490.	0.5	9
51	Long-term outcome of pulmonary vein isolation in patients with paroxysmal atrial fibrillation and Brugada syndrome. <i>Europace</i> , 2018, 20, 548-554.	0.7	8
52	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.	0.3	8
53	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.	0.5	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.	0.6	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.	0.6	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.	0.5	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.	0.6	8
58	â€˜The role of novel oral anticoagulants in patients undergoing cryoballoon ablation for atrial fibrillationâ€™™. <i>Hellenic Journal of Cardiology</i> , 2016, 57, 331-337.	0.4	7
59	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.	0.6	7
60	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.	0.8	7
61	Efficacy and safety of the second-generation cryoballoon ablation for the treatment of persistent atrial fibrillation in elderly patients. <i>Journal of Arrhythmia</i> , 2021, 37, 626-634.	0.5	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.	0.6	6
63	Concomitant Brugada syndrome substrate ablation and epicardial abdominal cardioverter-defibrillator implantation in a child. <i>HeartRhythm Case Reports</i> , 2018, 4, 214-218.	0.2	6
64	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.	0.8	6
65	Ajmaline Testing and the Brugada Syndrome. <i>American Journal of Cardiology</i> , 2020, 135, 91-98.	0.7	6
66	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.	0.6	6
67	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
68	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.	0.5	6
69	The clinical impact of ajmaline challenge in elderly patients with suspected atrioventricular conduction disease. <i>International Journal of Cardiology</i> , 2014, 172, 423-427.	0.8	5
70	High-density mapping in patients undergoing ablation of atrial fibrillation with the fourth-generation cryoballoon and the new spiral mapping catheter. <i>Europace</i> , 2020, 22, 1653-1658.	0.7	5
71	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.	0.6	5
72	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

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73	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.	0.6	5
74	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.	0.7	4
75	Electrophysiological Basis for Early Repolarization Syndrome. <i>Frontiers in Cardiovascular Medicine</i> , 2018, 5, 161.	1.1	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.	0.6	4
77	Pulmonary veins anatomical determinants of cooling kinetics during second-generation cryoballoon ablation. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 629-637.	0.8	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.	0.6	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.	0.6	4
80	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.	0.3	3
81	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.	0.3	3
82	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
83	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.	1.0	1
84	Electrocardiographic Markers of Sudden Death: More Frequent Than Suspected. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2017, 70, 794-795.	0.4	0
85	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.	0.2	0
86	Electrophysiological findings in patients with isolated veins after cryoablation for paroxysmal atrial fibrillation. <i>Journal of Cardiovascular Medicine</i> , 2020, 21, 641-647.	0.6	0
87	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> , 2019, 12, 2223.	0.5	0