

Thomas Fink

List of Publications by Year in descending order

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89
papers

1,773
citations

304743

22
h-index

330143

37
g-index

90
all docs

90
docs citations

90
times ranked

1803
citing authors

#	ARTICLE	IF	CITATIONS
1	Unexpectedly High Incidence of Stroke and Left Atrial Appendage Thrombus Formation After Electrical Isolation of the Left Atrial Appendage for the Treatment of Atrial Tachyarrhythmias. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2016, 9, e003461.	4.8	154
2	Stand-Alone Pulmonary Vein Isolation Versus Pulmonary Vein Isolation With Additional Substrate Modification as Index Ablation Procedures in Patients With Persistent and Long-Standing Persistent Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2017, 10, .	4.8	130
3	Repeat Ablation for Atrial Fibrillation Recurrence Post Cryoballoon or Radiofrequency Ablation in the FIRE AND ICE Trial. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019, 12, e007247.	4.8	116
4	Ablation of atrial fibrillation in patients ≥75 years: long-term clinical outcome and safety. <i>Europace</i> , 2016, 18, 543-549.	1.7	65
5	Acute efficacy, safety, and long-term clinical outcomes using the second-generation cryoballoon for pulmonary vein isolation in patients with a left common pulmonary vein: A multicenter study. <i>Heart Rhythm</i> , 2017, 14, 1111-1118.	0.7	61
6	Three-Year Clinical Outcome After 2nd-Generation Cryoballoon-Based Pulmonary Vein Isolation for the Treatment of Paroxysmal and Persistent Atrial Fibrillation—A 2-Center Experience. <i>Circulation Journal</i> , 2017, 81, 974-980.	1.6	55
7	Short tip—big difference? First-in-man experience and procedural efficacy of pulmonary vein isolation using the third-generation cryoballoon. <i>Clinical Research in Cardiology</i> , 2016, 105, 482-488.	3.3	51
8	Left Atrial Appendage Isolation in Patients Not Responding to Pulmonary Vein Isolation. <i>Circulation</i> , 2019, 139, 712-715.	1.6	50
9	Is less more? Impact of different ablation protocols on periprocedural complications in second-generation cryoballoon based pulmonary vein isolation. <i>Europace</i> , 2018, 20, 1459-1467.	1.7	45
10	First clinical experience using a novel high-resolution electroanatomical mapping system for left atrial ablation procedures. <i>Clinical Research in Cardiology</i> , 2016, 105, 992-1002.	3.3	43
11	First-in-Man Analysis of the Relationship Between Electrical Rotors From Noninvasive Panoramic Mapping and Atrial Fibrosis From Magnetic Resonance Imaging in Patients With Persistent Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2017, 10, .	4.8	41
12	Durability of wide-area left atrial appendage isolation: Results from extensive catheter ablation for treatment of persistent atrial fibrillation. <i>Heart Rhythm</i> , 2017, 14, 314-319.	0.7	37
13	High-Resolution Imaging of LA Anatomy Using a Novel Wide-Band Dielectric Mapping System. <i>JACC: Clinical Electrophysiology</i> , 2019, 5, 1344-1354.	3.2	36
14	Direct Comparison of Point-by-Point and Rapid Ultra-High-Resolution Electroanatomical Mapping in Patients Scheduled for Ablation of Atrial Fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2017, 28, 289-297.	1.7	31
15	Efficacy and safety of cryoballoon ablation in the elderly: A multicenter study. <i>International Journal of Cardiology</i> , 2019, 278, 108-113.	1.7	30
16	Catheter Ablation of Ventricular Tachycardia in Patients With Arrhythmogenic Right Ventricular Cardiomyopathy/Dysplasia: A Sequential Approach. <i>Journal of the American Heart Association</i> , 2019, 8, e010365.	3.7	29
17	Long-term complications in patients implanted with subcutaneous implantable cardioverter-defibrillators: Real-world data from the extended ELISIR experience. <i>Heart Rhythm</i> , 2021, 18, 2050-2058.	0.7	28
18	Augmentation of myocardial If dysregulates calcium homeostasis and causes adverse cardiac remodeling. <i>Nature Communications</i> , 2019, 10, 3295.	12.8	27

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19	Rapid pulmonary vein isolation utilizing the third-generation laserballoon â€” The Phoenix registry. IJC Heart and Vasculature, 2020, 29, 100576.	1.1	26
20	Provocation of an Autoimmune Response to Cardiac Voltage-Gated Sodium Channel NaV1.5 Induces Cardiac Conduction Defects in Rats. Journal of the American College of Cardiology, 2013, 62, 340-349.	2.8	25
21	Novel Cryoballoon Ablation System for Single Shot Pulmonary Vein Isolationâ€” The Prospective ICE-AGE-X Study â€”. Circulation Journal, 2021, 85, 1296-1304.	1.6	25
22	Very high-power short-duration temperature-controlled ablation versus conventional power-controlled ablation for pulmonary vein isolation: The fast and furious - AF study. IJC Heart and Vasculature, 2021, 35, 100847.	1.1	25
23	Sixâ€”Year Clinical Outcomes After Catheter Ablation of Atrial Fibrillation in Patients With Impaired Left Ventricular Function. Journal of Cardiovascular Electrophysiology, 2015, 26, 1169-1179.	1.7	24
24	Catheter ablation of atrial fibrillation in very young adults: a 5-year follow-up study. Europace, 2018, 20, 58-64.	1.7	24
25	Pulmonary vein stenosis or occlusion after catheter ablation of atrial fibrillation: long-term comparison of drug-eluting versus large bare metal stents. Europace, 2018, 20, e148-e155.	1.7	24
26	The best of two worlds? Pulmonary vein isolation using a novel radiofrequency ablation catheter incorporating contact force sensing technology and 56-hole porous tip irrigation. Clinical Research in Cardiology, 2018, 107, 1003-1012.	3.3	24
27	Stay cool or in good contact?. Europace, 2016, 18, 4-5.	1.7	23
28	Five-year clinical outcomes of visually guided laser balloon pulmonary vein isolation for the treatment of paroxysmal atrial fibrillation. Clinical Research in Cardiology, 2018, 107, 405-412.	3.3	23
29	Efficacy and Safety of Cryoballoon Ablation in Patients With Heart Failure and Reduced Left Ventricular Ejection Fractionâ€” A Multicenter Study â€”. Circulation Journal, 2019, 83, 1653-1659.	1.6	22
30	Left atrial anterior line ablation using ablation index and inter-lesion distance measurement. Clinical Research in Cardiology, 2019, 108, 1009-1016.	3.3	22
31	Procedural success, safety and patients satisfaction after second ablation of atrial fibrillation in the elderly: results from the German Ablation Registry. Clinical Research in Cardiology, 2019, 108, 1354-1363.	3.3	22
32	Second-Generation Visually Guided Laser Balloon Ablation System for Pulmonary Vein Isolation: Learning Curve, Safety and Efficacyâ€” The MERLIN Registry â€”. Circulation Journal, 2019, 83, 2443-2451.	1.6	22
33	Second-generation cryoballoon-based pulmonary vein isolation: Lessons from a five-year follow-up. International Journal of Cardiology, 2020, 312, 73-80.	1.7	22
34	Cerebral Protection During Catheter Ablation of Ventricular Tachycardia in Patients With Ischemic Heart Disease. Journal of the American Heart Association, 2018, 7, .	3.7	19
35	Late arrhythmia recurrence after atrial fibrillation ablation: incidence, mechanisms and clinical implications. Herzschrïttmachertherapie Und Elektrophysiologie, 2022, 33, 71-76.	0.8	19
36	Reconduction After Second-Generation Cryoballoon-Based Pulmonary Vein Isolationâ€” Impact of Different Ablation Strategies â€”. Circulation Journal, 2020, 84, 902-910.	1.6	18

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37	Significant reduction of radiation exposure in cryoballoon-based pulmonary vein isolation. <i>Europace</i> , 2018, 20, 608-613.	1.7	17
38	Time-to-effect guided pulmonary vein isolation utilizing the third-generation versus second generation cryoballoon: One year clinical success. <i>Cardiology Journal</i> , 2019, 26, 368-374.	1.2	16
39	Combination of Left Atrial Appendage Isolation and Ligation to Treat Nonresponders of Pulmonary Vein Isolation. <i>JACC: Clinical Electrophysiology</i> , 2018, 4, 1569-1579.	3.2	15
40	What is the real recurrence rate after cryoballoon-based pulmonary vein isolation? Lessons from rhythm follow-up based on implanted cardiac devices with continuous atrial monitoring. <i>Heart Rhythm</i> , 2018, 15, 1844-1850.	0.7	13
41	Inadvertent transeptal puncture into the aortic root: the narrow edge between luck and catastrophe in interventional cardiology. <i>Europace</i> , 2019, 21, 1106-1115.	1.7	13
42	Outcome of cardiac tamponades in interventional electrophysiology. <i>Europace</i> , 2020, 22, 1240-1251.	1.7	13
43	Cardiac sympathetic denervation in patients with nonischemic cardiomyopathy and refractory ventricular arrhythmias: a single-center experience. <i>Clinical Research in Cardiology</i> , 2021, 110, 21-28.	3.3	13
44	Complications and mortality after catheter ablation of ventricular arrhythmias: risk in VT ablation (RIVA) score. <i>Clinical Research in Cardiology</i> , 2022, 111, 530-540.	3.3	13
45	News from the Cold Chamber: Clinical Experiences of POLARx versus Arctic Front Advance for Single-Shot Pulmonary Vein Isolation. <i>Journal of Cardiovascular Development and Disease</i> , 2022, 9, 16.	1.6	13
46	Safety and Efficacy of Cryoballoon Based Pulmonary Vein Isolation in Patients with Atrial Fibrillation and a History of Cancer. <i>Journal of Clinical Medicine</i> , 2021, 10, 3669.	2.4	12
47	Impact of Left Atrial Appendage Closure on LAA Thrombus Formation and Thromboembolism After LAA Isolation. <i>JACC: Clinical Electrophysiology</i> , 2020, 6, 1687-1697.	3.2	11
48	A collective European experience with left atrial appendage suture ligation using the LARIAT+ device. <i>Europace</i> , 2020, 22, 924-931.	1.7	11
49	The Effect of Diabetes Mellitus on the Recurrence of Atrial Fibrillation after Ablation. <i>Journal of Clinical Medicine</i> , 2021, 10, 4863.	2.4	11
50	Find Me If You Can: First Clinical Experience Using the Novel CARTOFINDER Algorithm in a Routine Workflow for Atrial Fibrillation Ablation. <i>Journal of Clinical Medicine</i> , 2021, 10, 2979.	2.4	10
51	Endocardial voltage mapping of pulmonary veins with an ultra-high-resolution system to evaluate atrial myocardial extensions. <i>Clinical Research in Cardiology</i> , 2017, 106, 293-299.	3.3	9
52	Comparison between Amulet and Watchman left atrial appendage closure devices: A real-world, single center experience. <i>IJC Heart and Vasculature</i> , 2021, 37, 100893.	1.1	9
53	Management of thrombus formation after electrical isolation of the left atrial appendage in patients with atrial fibrillation. <i>Europace</i> , 2020, 22, 1358-1366.	1.7	8
54	Epicardial access for VT ablation: analysis of two different puncture techniques, incidence of adhesions and complication management. <i>Clinical Research in Cardiology</i> , 2021, 110, 810-821.	3.3	8

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55	Atrial appendage closure in patients with heart failure and atrial fibrillation: industry-independent single-centre study. ESC Heart Failure, 2022, 9, 648-655.	3.1	8
56	Acute and long-term outcomes of epicardial left atrial appendage ligation with the second-generation LARIAT device: a high-volume electrophysiology center experience. Clinical Research in Cardiology, 2018, 107, 1139-1147.	3.3	7
57	Second-Generation Cryoballoon Atrial Fibrillation Ablation in Patients With Persistent Left Superior Caval Vein. JACC: Clinical Electrophysiology, 2019, 5, 590-598.	3.2	7
58	Long-Term Efficacy and Impact on Mortality of Remote Magnetic Navigation Guided Catheter Ablation of Ventricular Arrhythmias. Journal of Clinical Medicine, 2021, 10, 4695.	2.4	7
59	Does Size Matter? Cryoballoon-Based Pulmonary Vein Isolation Using a Novel 25-mm Circular Mapping Catheter. Circulation Journal, 2018, 82, 666-671.	1.6	6
60	Predictors of freedom from atrial arrhythmia recurrence after cryoballoon ablation for persistent atrial fibrillation: A multicenter study. Journal of Cardiovascular Electrophysiology, 2019, 30, 1436-1442.	1.7	6
61	Positive impact of pulmonary vein isolation on biventricular pacing in nonresponders to cardiac resynchronization therapy. Heart Rhythm, 2019, 16, 416-423.	0.7	6
62	Impact of pulmonary vein variant anatomy and cross-sectional orifice area on freedom from atrial fibrillation recurrence after cryothermal single-shot guided pulmonary vein isolation. Journal of Interventional Cardiac Electrophysiology, 2022, 65, 251-260.	1.3	6
63	Evaluation of predictive scores for late and very late recurrence after cryoballoon-based ablation of atrial fibrillation. Journal of Interventional Cardiac Electrophysiology, 2021, 61, 321-332.	1.3	5
64	Experience and procedural efficacy of pulmonary vein isolation using the fourth and second generation cryoballoon: The shorter, the better?. Journal of Cardiovascular Electrophysiology, 2021, 32, 1553-1560.	1.7	5
65	Response by Rillig et al to Letter Regarding Article, "An Unexpectedly High Incidence of Stroke and Left Atrial Appendage Thrombus Formation After Electrical Isolation of the Left Atrial Appendage for the Treatment of Atrial Tachyarrhythmias". Circulation: Arrhythmia and Electrophysiology, 2016, 9, .	4.8	4
66	The clip and the tip: Lessons learned from ablation of atrial fibrillation in patients postpercutaneous mitral valve repair. Journal of Cardiovascular Electrophysiology, 2019, 30, 1207-1214.	1.7	4
67	Prognostic significance of ventricular tachycardia clustering after catheter ablation in non-ischemic dilated cardiomyopathy. Clinical Research in Cardiology, 2019, 108, 539-548.	3.3	4
68	Atrial fibrillation ablation in patients with pulmonary lobectomy or pneumectomy: Procedural challenges and efficacy. PACE - Pacing and Clinical Electrophysiology, 2020, 43, 1115-1125.	1.2	4
69	Acute Hemoptysis Following Cryoballoon Pulmonary Vein Isolation. JACC: Clinical Electrophysiology, 2020, 6, 773-782.	3.2	4
70	Repeat catheter ablation in patients with atrial arrhythmia recurrence despite durable pulmonary vein isolation. Journal of Cardiovascular Electrophysiology, 2022, 33, 2003-2012.	1.7	4
71	Management of arrhythmia recurrence in patients with pulmonary vein stenosis following atrial fibrillation ablation. Europace, 2019, 21, 1494-1501.	1.7	3
72	Cryoballoon ablation beyond paroxysmal atrial fibrillation. Current Opinion in Cardiology, 2019, 34, 23-28.	1.8	3

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73	Fourth-Generation Cryoablation Based Left Atrial Appendage Isolation for the Treatment of Persistent Atrial Fibrillation: First Case Report. American Journal of Case Reports, 2019, 20, 1830-1836.	0.8	3
74	A frozen decade: Ten years outcome of atrial fibrillation ablation using a single shot device for pulmonary vein isolation. Journal of Cardiovascular Electrophysiology, 2022, 33, 1383-1390.	1.7	3
75	Stand-alone Focal Impulse and Rotor Modulation (FIRM) ablation versus second-generation cryoballoon pulmonary vein isolation for paroxysmal atrial fibrillation. Journal of Cardiovascular Electrophysiology, 0, , .	1.7	3
76	Feasibility of wideband dielectric imaging to guide temperature-controlled atrial fibrillation ablation. Heart Rhythm, 2022, 19, 1473-1474.	0.7	3
77	Ventricular arrhythmias arising from papillary muscle: A primary or secondary disease?. Journal of Cardiovascular Electrophysiology, 2018, 29, E5.	1.7	2
78	Left-lateral thoracotomy for catheter ablation of scar-related ventricular tachycardia in patients with inaccessible pericardial access. Clinical Research in Cardiology, 2021, 110, 801-809.	3.3	2
79	Quantification of Left Atrial Fibrosis in Patients After Pulmonary Vein Isolation Using the Second-Generation Cryoballoon. International Heart Journal, 2021, 62, 65-71.	1.0	2
80	Catheter ablation for inappropriate sinus tachycardia: Clinical outcomes of sinus node ablation. HeartRhythm Case Reports, 2020, 6, 81-85.	0.4	2
81	From early beginnings to elaborate tools: contribution of German electrophysiology to the interventional treatment of cardiac arrhythmias. Clinical Research in Cardiology, 2018, 107, 94-99.	3.3	1
82	Pulmonary Vein Stenosis and Occlusion Following Catheter Ablation of Atrial Fibrillation. JACC: Cardiovascular Interventions, 2018, 11, 1640-1641.	2.9	1
83	Response by Heeger et al to Letter Regarding Article, "Left Atrial Appendage Isolation in Patients Not Responding to Pulmonary Vein Isolation: Benefit and Risks". Circulation, 2019, 140, e169-e170.	1.6	1
84	Stroke and left atrial thrombi after cryoballoon ablation of atrial fibrillation: incidence and predictors. Results from a long-term follow-up. Journal of Thrombosis and Thrombolysis, 2021, 51, 74-80.	2.1	1
85	Procedural endpoints of catheter ablation for atrial fibrillation: Arrhythmia termination or end of CFAE ablation?. PACE - Pacing and Clinical Electrophysiology, 2018, 41, 179-181.	1.2	0
86	Catheter ablation in elderly patients. Current Opinion in Cardiology, 2019, 34, 29-34.	1.8	0
87	Epicardial left atrial appendage closure with the lariat device in a patient with atrial septal closure. Journal of Arrhythmia, 2021, 37, 1357-1358.	1.2	0
88	Preserved electrical conduction between donor and recipient right atria as the cause of macroreentrant atrial tachycardia after heart transplantation. Herzschrittmachertherapie Und Elektrophysiologie, 2022, 33, 77-80.	0.8	0
89	Atrial Tachycardia. Contemporary Cardiology, 2020, , 337-358.	0.1	0