

# Roland Richard Tilz

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

2,144  
citations

304743

22  
h-index

233421

45  
g-index

60  
all docs

60  
docs citations

60  
times ranked

1969  
citing authors

#	ARTICLE	IF	CITATIONS
1	Catheter Ablation of Long-Standing Persistent Atrial Fibrillation. Journal of the American College of Cardiology, 2012, 60, 1921-1929.	2.8	419
2	One-Year Clinical Outcome After Pulmonary Vein Isolation Using the Second-Generation 28-mm Cryoballoon. Circulation: Arrhythmia and Electrophysiology, 2014, 7, 288-292.	4.8	209
3	Impact of Substrate Modification by Catheter Ablation on Implantable Cardioverter-Defibrillator Interventions in Patients With Unstable Ventricular Arrhythmias and Coronary Artery Disease. Circulation: Arrhythmia and Electrophysiology, 2017, 10, .	4.8	119
4	The Incidence of Phrenic Nerve Injury During Pulmonary Vein Isolation Using the Second-Generation 28 mm Cryoballoon. Journal of Cardiovascular Electrophysiology, 2014, 25, 466-470.	1.7	107
5	Preventive or Deferred Ablation of Ventricular Tachycardia in Patients With Ischemic Cardiomyopathy and Implantable Defibrillator (BERLIN VT). Circulation, 2020, 141, 1057-1067.	1.6	104
6	Once Isolated, Always Isolated?. Circulation: Arrhythmia and Electrophysiology, 2015, 8, 1088-1094.	4.8	89
7	Outcomes of cryoballoon or radiofrequency ablation in symptomatic paroxysmal or persistent atrial fibrillation. Europace, 2019, 21, 1313-1324.	1.7	81
8	One-year clinical success of a "no-bonus" freeze protocol using the second-generation 28 mm cryoballoon for pulmonary vein isolation. Europace, 2015, 17, 1236-1240.	1.7	80
9	One-year clinical outcome after pulmonary vein isolation in persistent atrial fibrillation using the second-generation 28 mm cryoballoon: a retrospective analysis. Europace, 2016, 18, 201-205.	1.7	76
10	Electrical isolation of a substrate after myocardial infarction: a novel ablation strategy for unmappable ventricular tachycardias--feasibility and clinical outcome. Europace, 2014, 16, 1040-1052.	1.7	61
11	Ten-Year Clinical Outcome After Circumferential Pulmonary Vein Isolation Utilizing the Hamburg Approach in Patients With Symptomatic Drug-Refractory Paroxysmal Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2018, 11, e005250.	4.8	59
12	In Vivo Contact Force Analysis and Correlation With Tissue Impedance During Left Atrial Mapping and Catheter Ablation of Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2014, 7, 46-54.	4.8	51
13	Left Atrial Appendage Isolation in Patients Not Responding to Pulmonary Vein Isolation. Circulation, 2019, 139, 712-715.	1.6	50
14	In vivo left-ventricular contact force analysis: comparison of antegrade transseptal with retrograde transaortic mapping strategies and correlation of impedance and electrical amplitude with contact force. Europace, 2014, 16, 1387-1395.	1.7	45
15	Phrenic Nerve Injury During Cryoballoon-Based Pulmonary Vein Isolation: Results of the Worldwide YETI Registry. Circulation: Arrhythmia and Electrophysiology, 2022, 15, CIRCEP121010516.	4.8	39
16	Left atrial appendage occluder implantation in Europe: indications and anticoagulation post-implantation. Results of the European Heart Rhythm Association Survey. Europace, 2017, 19, 1737-1742.	1.7	34
17	Safety and efficacy of cryoballoon ablation for the treatment of atrial fibrillation in elderly patients. Clinical Research in Cardiology, 2019, 108, 167-174.	3.3	32
18	Focal Impulse and Rotor Modulation for the Treatment of Atrial Fibrillation: Locations and 1 Year Outcomes of Human Rotors Identified Using a 64-Electrode Basket Catheter. Journal of Cardiovascular Electrophysiology, 2017, 28, 367-374.	1.7	26

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19	Safety and efficacy of persistent atrial fibrillation ablation using the second-generation cryoballoon. <i>Clinical Research in Cardiology</i> , 2018, 107, 570-577.	3.3	26
20	Ablation Index for Catheter Ablation of Atrial Fibrillation – Clinical Applicability and Comparison With Force-Time Integral. <i>Circulation Journal</i> , 2018, 82, 2722-2727.	1.6	26
21	Very high-power short-duration temperature-controlled ablation versus conventional power-controlled ablation for pulmonary vein isolation: The fast and furious - AF study. <i>IJC Heart and Vasculature</i> , 2021, 35, 100847.	1.1	25
22	Comparison of contact force-guided procedure with non-contact force-guided procedure during left atrial mapping and pulmonary vein isolation: impact of contact force on recurrence of atrial fibrillation. <i>Clinical Research in Cardiology</i> , 2015, 104, 861-870.	3.3	22
23	Higher contact force, energy setting, and impedance rise during radiofrequency ablation predicts charring: New insights from contact force-guided <i>in vivo</i> ablation. <i>Journal of Cardiovascular Electrophysiology</i> , 2018, 29, 227-235.	1.7	22
24	Efficacy and Safety of Cryoballoon Ablation in Patients With Heart Failure and Reduced Left Ventricular Ejection Fraction – A Multicenter Study. <i>Circulation Journal</i> , 2019, 83, 1653-1659.	1.6	22
25	Second-generation cryoballoon-based pulmonary vein isolation: Lessons from a five-year follow-up. <i>International Journal of Cardiology</i> , 2020, 312, 73-80.	1.7	22
26	Feasibility and clinical efficacy of left atrial ablation for the treatment of atrial tachyarrhythmias in patients with left atrial appendage closure devices. <i>Heart Rhythm</i> , 2015, 12, 1524-1531.	0.7	20
27	Manual Versus Robotic Catheter Ablation for the Treatment of Atrial Fibrillation. <i>JACC: Clinical Electrophysiology</i> , 2017, 3, 875-883.	3.2	20
28	Ablation Outcomes and Predictors of Mortality Following Catheter Ablation for Ventricular Tachycardia: Data From the German Multicenter Ablation Registry. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	19
29	Reconduction After Second-Generation Cryoballoon-Based Pulmonary Vein Isolation – Impact of Different Ablation Strategies. <i>Circulation Journal</i> , 2020, 84, 902-910.	1.6	18
30	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
31	Mechanism, underlying substrate and predictors of atrial tachycardia following atrial fibrillation ablation using the second-generation cryoballoon. <i>Journal of Cardiology</i> , 2019, 73, 497-506.	1.9	15
32	Age-related differences and associated mid-term outcomes of subcutaneous implantable cardioverter-defibrillators: A propensity-matched analysis from a multicenter European registry. <i>Heart Rhythm</i> , 2022, 19, 1109-1115.	0.7	15
33	Incidence and Anatomical Locations of Catheter Instability During Circumferential Pulmonary Vein Isolation Using Contact Force. <i>International Heart Journal</i> , 2014, 55, 249-255.	1.0	14
34	First in-human robotic rotor ablation for atrial fibrillation. <i>European Heart Journal</i> , 2014, 35, 1432-1432.	2.2	13
35	Second-generation cryoballoon for pulmonary vein isolation in patients with pulmonary vein abnormality: Safety, efficacy and lessons from re-ablation procedures. <i>International Journal of Cardiology</i> , 2018, 272, 142-148.	1.7	13
36	Left atrial isthmus line ablation using a remote robotic navigation system: feasibility, efficacy and long-term outcome. <i>Clinical Research in Cardiology</i> , 2013, 102, 885-893.	3.3	11

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37	Ablation strategies for different types of atrial fibrillation in Europe: results of the ESC-EORP EHRA Atrial Fibrillation Ablation Long-Term registry. <i>Europace</i> , 2020, 22, 558-566.	1.7	11
38	A collective European experience with left atrial appendage suture ligation using the LARIAT+ device. <i>Europace</i> , 2020, 22, 924-931.	1.7	11
39	OUP accepted manuscript. <i>Europace</i> , 2021, , .	1.7	9
40	Atrial appendage closure in patients with heart failure and atrial fibrillation: industry-independent single-centre study. <i>ESC Heart Failure</i> , 2022, 9, 648-655.	3.1	8
41	Successful robotic pulmonary vein isolation in adverse anatomy: dextrocardia with situs solitus, D-loop ventricles, and normally related great arteries. <i>European Heart Journal</i> , 2011, 32, 774-774.	2.2	7
42	Replacement of implantable cardioverter defibrillators and cardiac resynchronization therapy devices: results of the European Heart Rhythm Association survey. <i>Europace</i> , 2016, 18, 945-949.	1.7	7
43	Acute and long-term outcomes of epicardial left atrial appendage ligation with the second-generation LARIAT device: a high-volume electrophysiology center experience. <i>Clinical Research in Cardiology</i> , 2018, 107, 1139-1147.	3.3	7
44	Which patients with atrial fibrillation undergo an ablation procedure today in Europe? A report from the ESC-EHRA-EORP Atrial Fibrillation Ablation Long-Term and Atrial Fibrillation General Pilot Registries. <i>Europace</i> , 2020, 22, 250-258.	1.7	7
45	Successful epicardial ablation of electrical storms due to recurrent ventricular fibrillation triggered by premature ventricular contractions. <i>Heart Rhythm</i> , 2014, 11, 146-149.	0.7	6
46	Predictors of freedom from atrial arrhythmia recurrence after cryoballoon ablation for persistent atrial fibrillation: A multicenter study. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 1436-1442.	1.7	6
47	Rationale and design of BERLIN VT study: a multicenter randomised trial comparing preventive versus deferred ablation of ventricular tachycardia. <i>BMJ Open</i> , 2019, 9, e022910.	1.9	6
48	Lower Major Bleeding Rates with Direct Oral Anticoagulants in Catheter Ablation of Atrial Fibrillation: an Updated Meta-analysis of Randomized Controlled Studies. <i>Cardiovascular Drugs and Therapy</i> , 2020, 34, 209-214.	2.6	6
49	Intraprocedural PRAETORIAN score for early assessment of S-ICD implantation: A proof-of-concept study. <i>Journal of Cardiovascular Electrophysiology</i> , 2021, 32, 3035-3041.	1.7	6
50	Evaluation of predictive scores for late and very late recurrence after cryoballoon-based ablation of atrial fibrillation. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2021, 61, 321-332.	1.3	5
51	Experience and procedural efficacy of pulmonary vein isolation using the fourth and second generation cryoballoon: The shorter, the better?. <i>Journal of Cardiovascular Electrophysiology</i> , 2021, 32, 1553-1560.	1.7	5
52	The need for a subsequent transvenous system in patients implanted with subcutaneous implantable cardioverter-defibrillator. <i>Heart Rhythm</i> , 2022, 19, 1958-1964.	0.7	5
53	Fourth-Generation Cryoablation Based Left Atrial Appendage Isolation for the Treatment of Persistent Atrial Fibrillation: First Case Report. <i>American Journal of Case Reports</i> , 2019, 20, 1830-1836.	0.8	3
54	Standard-alone Focal Impulse and Rotor Modulation (FIRM) ablation versus second-generation cryoballoon pulmonary vein isolation for paroxysmal atrial fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 0, , .	1.7	3

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55	Treatment of Macro-Reentry Atrial Tachycardia with Very High-Power, Short-Duration, Temperature-Controlled Ablation of Anterior Line Using an Open-Irrigated Ablation Catheter with Microelectrodes. American Journal of Case Reports, 2021, 22, e934081.	0.8	2
56	Left Atrial Appendage Electric Isolation for Treatment of Atrial Fibrillation. JACC: Clinical Electrophysiology, 2018, 4, 121-123.	3.2	1
57	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
58	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