

# Christian Meyer, Fhrs

## List of Publications by Year in descending order

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Version: 2024-02-01

61  
papers

1,333  
citations

361413

20  
h-index

395702

33  
g-index

61  
all docs

61  
docs citations

61  
times ranked

1607  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cryoballoon ablation vs. antiarrhythmic drugs: first-line therapy for patients with paroxysmal atrial fibrillation. <i>Europace</i> , 2021, 23, 1033-1041.	1.7	106
2	Preventive or Deferred Ablation of Ventricular Tachycardia in Patients With Ischemic Cardiomyopathy and Implantable Defibrillator (BERLIN VT). <i>Circulation</i> , 2020, 141, 1057-1067.	1.6	104
3	Disruption of cardiac cholinergic neurons enhances susceptibility to ventricular arrhythmias. <i>Nature Communications</i> , 2017, 8, 14155.	12.8	77
4	Characteristics of Scar-Related Ventricular Tachycardia Circuits Using Ultra-High-Density Mapping. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018, 11, e006569.	4.8	72
5	Cabins, castles, and constant hearts: rhythm control therapy in patients with atrial fibrillation. <i>European Heart Journal</i> , 2019, 40, 3793-3799c.	2.2	60
6	Cardiac glial cells release neurotrophic S100B upon catheter-based treatment of atrial fibrillation. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	57
7	Augmentation of Left Ventricular Contractility by Cardiac Sympathetic Neural Stimulation. <i>Circulation</i> , 2010, 121, 1286-1294.	1.6	54
8	Characterization, Mapping, and Ablation of Complex Atrial Tachycardia: Initial Experience With a Novel Method of Ultra High-Density 3D Mapping. <i>Journal of Cardiovascular Electrophysiology</i> , 2016, 27, 1139-1150.	1.7	54
9	A novel assessment of local impedance during catheter ablation: initial experience in humans comparing local and generator measurements. <i>Europace</i> , 2019, 21, i34-i42.	1.7	47
10	Local catheter impedance drop during pulmonary vein isolation predicts acute conduction block in patients with paroxysmal atrial fibrillation: initial results of the LOCALIZE clinical trial. <i>Europace</i> , 2021, 23, 1042-1051.	1.7	42
11	Supervised Obesity Reduction Trial for AF ablation patients: results from the SORT-AF trial. <i>Europace</i> , 2021, 23, 1548-1558.	1.7	40
12	Chronic intermittent tachypacing by an optogenetic approach induces arrhythmia vulnerability in human engineered heart tissue. <i>Cardiovascular Research</i> , 2020, 116, 1487-1499.	3.8	38
13	Machine Learned Cellular Phenotypes in Cardiomyopathy Predict Sudden Death. <i>Circulation Research</i> , 2021, 128, 172-184.	4.5	35
14	Use of Novel Electrogram "Lumipoint" Algorithm to Detect Critical Isthmus and Abnormal Potentials for Ablation in Ventricular Tachycardia. <i>JACC: Clinical Electrophysiology</i> , 2019, 5, 470-479.	3.2	34
15	Neuroscientific therapies for atrial fibrillation. <i>Cardiovascular Research</i> , 2021, 117, 1732-1745.	3.8	33
16	Substrate characterization and catheter ablation in patients with scar-related ventricular tachycardia using ultra high-density 3D mapping. <i>Journal of Cardiovascular Electrophysiology</i> , 2017, 28, 1058-1067.	1.7	29
17	Influence of energy source on early atrial fibrillation recurrences: a comparison of cryoballoon vs. radiofrequency current energy ablation with the endpoint of unexcitability in pulmonary vein isolation. <i>Europace</i> , 2018, 20, euw307.	1.7	28
18	cAMP Imaging at Ryanodine Receptors Reveals $\beta_2$ -Adrenoceptor Driven Arrhythmias. <i>Circulation Research</i> , 2021, 129, 81-94.	4.5	28

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19	Precursor proadrenomedullin influences cardiomyocyte survival and local inflammation related to myocardial infarction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E8727-E8736.	7.1	25
20	Increased arrhythmia susceptibility in type 2 diabetic mice related to dysregulation of ventricular sympathetic innervation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 317, H1328-H1341.	3.2	25
21	Local impedance guides catheter ablation in patients with ventricular tachycardia. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 61-69.	1.7	21
22	Ablation of Atrial Fibrillation in Patients With Hypertrophic Cardiomyopathy: Treatment Strategy, Characteristics of Consecutive Atrial Tachycardia and Long-Term Outcome. <i>Journal of the American Heart Association</i> , 2021, 10, e017451.	3.7	21
23	Reduction of Radiation Exposure in Atrial Fibrillation Ablation Using a New Image Integration Module: A Prospective Randomized Trial in Patients Undergoing Pulmonary Vein Isolation. <i>Journal of Cardiovascular Electrophysiology</i> , 2015, 26, 747-753.	1.7	18
24	High-Density Mapping and Ablation of Primary Nonfocal Left Atrial Tachycardia. <i>JACC: Clinical Electrophysiology</i> , 2019, 5, 417-426.	3.2	17
25	Research Opportunities in Autonomic Neural Mechanisms of Cardiopulmonary Regulation. <i>JACC Basic To Translational Science</i> , 2022, 7, 265-293.	4.1	17
26	Long-term efficacy and safety of radiofrequency catheter ablation of atrial fibrillation in patients with cardiac implantable electronic devices and transvenous leads. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 679-687.	1.7	16
27	Management of ventricular tachycardia in patients with ischaemic cardiomyopathy: contemporary armamentarium. <i>Europace</i> , 2022, 24, 538-551.	1.7	16
28	Bipolar ablation of therapy-refractory ventricular arrhythmias: application of a dedicated approach. <i>Europace</i> , 2022, 24, 959-969.	1.7	16
29	Advanced mapping strategies for ablation therapy in adults with congenital heart disease. <i>Cardiovascular Diagnosis and Therapy</i> , 2019, 9, S247-S263.	1.7	15
30	Cryoballoon catheter ablation versus antiarrhythmic drugs as a first-line therapy for patients with paroxysmal atrial fibrillation: Rationale and design of the international Cryo-FIRST study. <i>American Heart Journal</i> , 2020, 222, 64-72.	2.7	15
31	Novel Wide-Band Dielectric Imaging System and Occlusion Tool to Guide Cryoballoon-Based Pulmonary Vein Isolation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e009219.	4.8	14
32	Image integration into 3-dimensional-electro-anatomical mapping system facilitates safe ablation of ventricular arrhythmias originating from the aortic root and its vicinity. <i>Europace</i> , 2018, 20, 520-527.	1.7	12
33	Sympathetic and Parasympathetic Coactivation Induces Perturbed Heart Rate Dynamics in Patients with Paroxysmal Atrial Fibrillation. <i>Medical Science Monitor</i> , 2018, 24, 2164-2172.	1.1	12
34	Local Impedance Drop Predicts Durable Conduction Block in Patients With Paroxysmal Atrial Fibrillation. <i>JACC: Clinical Electrophysiology</i> , 2022, 8, 595-604.	3.2	11
35	Initial rhythm control with cryoballoon ablation vs drug therapy: Impact on quality of life and symptoms. <i>American Heart Journal</i> , 2021, 242, 103-114.	2.7	10
36	Contact force facilitates the achievement of an unexcitable ablation line during pulmonary vein isolation. <i>Clinical Research in Cardiology</i> , 2018, 107, 632-641.	3.3	9

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37	Ultra-high-density mapping of conduction gaps and atrial tachycardias: Distinctive patterns following pulmonary vein isolation with cryoballoon or contact-force-guided radiofrequency current. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 1051-1061.	1.7	9
38	Synergy of pulmonary vein isolation and catheter renal denervation in atrial fibrillation complicated with uncontrolled hypertension: Mapping the renal sympathetic nerve and pulmonary vein (the Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70). <i>Electrophysiology</i> , 2019, 30, 658-667.	1.7	8
39	A novel algorithm for 3-D visualization of electrogram duration for substrate-mapping in patients with ischemic heart disease and ventricular tachycardia. <i>PLoS ONE</i> , 2021, 16, e0254683.	2.5	8
40	High-density mapping-based ablation strategies of cardiac rhythm disorders: the RHYTHMIA, a experience at new horizons. <i>Europace</i> , 2019, 21, iii7-iii10.	1.7	7
41	Outcome after tailored catheter ablation of atrial tachycardia using ultra-high-density mapping. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 2645-2652.	1.7	7
42	Impact of the ablation technique on release of the neuronal injury marker S100B during pulmonary vein isolation. <i>Europace</i> , 2020, 22, 1502-1508.	1.7	7
43	Electrophysiological Characteristics of Intra-Atrial Reentrant Tachycardia in Adult Congenital Heart Disease: Implications for Catheter Ablation. <i>Journal of the American Heart Association</i> , 2021, 10, e020835.	3.7	7
44	Outcome of catheter ablation of non-reentrant ventricular arrhythmias in patients with and without structural heart disease. <i>European Journal of Medical Research</i> , 2020, 25, 4.	2.2	6
45	Specific electrogram characteristics impact substrate ablation target area in patients with scar-related ventricular tachycardia—insights from automated ultrahigh-density mapping. <i>Journal of Cardiovascular Electrophysiology</i> , 2021, 32, 376-388.	1.7	6
46	Respiratory sinus arrhythmia is reduced after pulmonary vein isolation in patients with paroxysmal atrial fibrillation. <i>Archives of Medical Science</i> , 2020, 16, 1022-1030.	0.9	5
47	Outcomes in patients with dual antegrade conduction in the atrioventricular node: insights from a multicentre observational study. <i>Clinical Research in Cardiology</i> , 2020, 109, 1025-1034.	3.3	5
48	Location, Dissection, and Analysis of the Murine Stellate Ganglion. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	5
49	Impact of Intracardiac Neurons on Cardiac Electrophysiology and Arrhythmogenesis in an <i>Ex Vivo</i> Langendorff System. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	4
50	Ventricular tachycardia in ischemic heart disease: the sympathetic heart and its scars. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 312, H549-H551.	3.2	3
51	Creation of sinus rhythm and paced maps using a single acquisition step: the "one acquisition-two maps" technique—a feasibility study. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2021, 61, 235-243.	1.3	3
52	Basket catheter-guided ultra-high-density mapping of cardiac arrhythmias: a systematic review and meta-analysis. <i>Future Cardiology</i> , 2020, 16, 735-751.	1.2	3
53	Contemporary analysis of phrenic nerve injuries following cryoballoon-based pulmonary vein isolation: A single-centre experience with the systematic use of compound motor action potential monitoring. <i>PLoS ONE</i> , 2020, 15, e0235132.	2.5	3
54	Characterization of the HCN Interaction Partner TRIP8b/PEX5R in the Intracardiac Nervous System of TRIP8b-Deficient and Wild-Type Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4772.	4.1	3

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55	Ablation of Outflow Tract Arrhythmias in Patients With and Without Structural Heart Diseaseâ€”A Comparative Analysis. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, .	2.4	2
56	Relationship Between Early and Late Recurrences After Catheter Ablation for Atrial Tachycardia in Patients With a History of Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2022, 15, .	4.8	2
57	Long-term risk of cardiovascular implantable electronic device-related infection after catheter ablation of atrial fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 371-372.	1.7	1
58	The autonomic nervous system as a piece of the mechanistic puzzle linking sleep and atrial fibrillation. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2023, 66, 815-822.	1.3	1
59	Intracardiac Echocardiography. <i>JACC: Clinical Electrophysiology</i> , 2020, 6, 1643-1646.	3.2	0
60	Parallel Mapping and Catheter Ablation of Polymorphic Premature Ventricular Contractions: A New Feature for Activation Mapping. <i>Case Reports in Cardiology</i> , 2021, 2021, 1-5.	0.2	0
61	The impact of ultra-high-density mapping on long-term outcome after catheter ablation of ventricular tachycardia. <i>Scientific Reports</i> , 2022, 12, .	3.3	0