

Petr Peichl

List of Publications by Year in descending order

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Version: 2024-02-01

102
papers

4,258
citations

159585

30
h-index

118850

62
g-index

103
all docs

103
docs citations

103
times ranked

3564
citing authors

#	ARTICLE	IF	CITATIONS
1	The relationship between contact force and clinical outcome during radiofrequency catheter ablation of atrial fibrillation in the TOCCATA study. <i>Heart Rhythm</i> , 2012, 9, 1789-1795.	0.7	440
2	Left Atrial Appendage Closure Versus Direct Oral Anticoagulants in High-Risk Patients With Atrial Fibrillation. <i>Journal of the American College of Cardiology</i> , 2020, 75, 3122-3135.	2.8	349
3	EFFICAS II: optimization of catheter contact force improves outcome of pulmonary vein isolation for paroxysmal atrial fibrillation. <i>Europace</i> , 2015, 17, 1229-1235.	1.7	302
4	Atrial Fibrillation Ablation Using a Robotic Catheter Remote Control System. <i>Journal of the American College of Cardiology</i> , 2008, 51, 2407-2411.	2.8	254
5	2019 HRS/EHRA/APHRS/LAHRS expert consensus statement on catheter ablation of ventricular arrhythmias. <i>Europace</i> , 2019, 21, 1143-1144.	1.7	245
6	2019 HRS/EHRA/APHRS/LAHRS expert consensus statement on catheter ablation of ventricular arrhythmias. <i>Heart Rhythm</i> , 2020, 17, e2-e154.	0.7	184
7	The durability of pulmonary vein isolation using the visually guided laser balloon catheter: Multicenter results of pulmonary vein remapping studies. <i>Heart Rhythm</i> , 2012, 9, 919-925.	0.7	141
8	Stereotactic radiosurgery for ablation of ventricular tachycardia. <i>Europace</i> , 2019, 21, 1088-1095.	1.7	121
9	4-Year Outcomes After Left Atrial Appendage Closure Versus Nonwarfarin Oral Anticoagulation for Atrial Fibrillation. <i>Journal of the American College of Cardiology</i> , 2022, 79, 1-14.	2.8	114
10	European Heart Rhythm Association (EHRA)/Heart Rhythm Society (HRS)/Asia Pacific Heart Rhythm Society (APHRS)/Latin American Heart Rhythm Society (LAHRS) Expert Consensus Statement on the state of genetic testing for cardiac diseases. <i>Europace</i> , 2022, 24, 1307-1367.	1.7	108
11	Complications of Catheter Ablation of Ventricular Tachycardia. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2014, 7, 684-690.	4.8	106
12	Complications of catheter ablation for atrial fibrillation in a high-volume centre with the use of intracardiac echocardiography. <i>Europace</i> , 2013, 15, 24-32.	1.7	100
13	Locations of High Contact Force During Left Atrial Mapping in Atrial Fibrillation Patients. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2013, 6, 746-753.	4.8	100
14	Lattice-Tip Focal Ablation Catheter That Toggles Between Radiofrequency and Pulsed Field Energy to Treat Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e008718.	4.8	94
15	Characteristics of Ventricular Tachycardia Ablation in Patients With Continuous Flow Left Ventricular Assist Devices. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 592-597.	4.8	81
16	European Heart Rhythm Association (EHRA)/Heart Rhythm Society (HRS)/Asia Pacific Heart Rhythm Society (APHRS)/Latin American Heart Rhythm Society (LAHRS) Expert Consensus Statement on the State of Genetic Testing for Cardiac Diseases. <i>Heart Rhythm</i> , 2022, 19, e1-e60.	0.7	78
17	Magnetic Resonance Angiography of Pulmonary Veins: Implications for Catheter Ablation of Atrial Fibrillation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2005, 28, 1073-1080.	1.2	71
18	Catheter ablation of electrical storm in patients with structural heart disease. <i>Europace</i> , 2011, 13, 109-113.	1.7	70

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19	2019 HRS/EHRA/APHRS/LAHRs expert consensus statement on catheter ablation of ventricular arrhythmias: Executive summary. <i>Heart Rhythm</i> , 2020, 17, e155-e205.	0.7	67
20	Robotic Navigation in Catheter Ablation for Paroxysmal Atrial Fibrillation: Midterm Efficacy and Predictors of Postablation Arrhythmia Recurrences. <i>Journal of Cardiovascular Electrophysiology</i> , 2011, 22, 534-540.	1.7	60
21	Catheter ablation of arrhythmic storm triggered by monomorphic ectopic beats in patients with coronary artery disease. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2010, 27, 51-59.	1.3	56
22	Catheter Ablation of Refractory Ventricular Fibrillation Storm After Myocardial Infarction. <i>Circulation</i> , 2019, 139, 2315-2325.	1.6	55
23	Clinical value of assessment of left atrial late gadolinium enhancement in patients undergoing ablation of atrial fibrillation. <i>International Journal of Cardiology</i> , 2015, 179, 351-357.	1.7	50
24	High-Resolution Mapping of Ventricular Scar. <i>JACC: Clinical Electrophysiology</i> , 2017, 3, 220-231.	3.2	49
25	Interventional left atrial appendage closure vs novel anticoagulation agents in patients with atrial fibrillation indicated for long-term anticoagulation (PRAGUE-17 study). <i>American Heart Journal</i> , 2017, 183, 108-114.	2.7	49
26	Ultrasound-guided versus conventional femoral venipuncture for catheter ablation of atrial fibrillation: a multicentre randomized efficacy and safety trial (ULTRA-FAST trial). <i>Europace</i> , 2018, 20, 1107-1114.	1.7	49
27	Long-term results of paediatric radiofrequency catheter ablation: a population-based study. <i>Europace</i> , 2014, 16, 1808-1813.	1.7	48
28	Intramural Venous Ethanol Infusion for Refractory Ventricular Arrhythmias. <i>JACC: Clinical Electrophysiology</i> , 2020, 6, 1420-1431.	3.2	41
29	Ablation of atrial tachycardias after correction of complex congenital heart diseases: utility of intracardiac echocardiography. <i>Europace</i> , 2008, 11, 48-53.	1.7	39
30	2019 HRS / EHRA / APHRS / LAHRs expert consensus statement on catheter ablation of ventricular arrhythmias. <i>Journal of Arrhythmia</i> , 2019, 35, 323-484.	1.2	35
31	Catheter Ablation of Ventricular Tachycardia Following Myocardial Infarction Using Three-Dimensional Electroanatomical Mapping. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2003, 26, 342-347.	1.2	32
32	The Spectrum of Inter- and Intraventricular Conduction Abnormalities in Patients Eligible for Cardiac Resynchronization Therapy. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2004, 27, 1105-1112.	1.2	32
33	Early Experience with Robotic Navigation for Catheter Ablation of Paroxysmal Atrial Fibrillation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2009, 32, S163-6.	1.2	30
34	Stereotactic radiosurgery as a treatment for recurrent ventricular tachycardia associated with cardiac fibroma. <i>HeartRhythm Case Reports</i> , 2019, 5, 44-47.	0.4	29
35	2019 HRS/EHRA/APHRS/LAHRs expert consensus statement on catheter ablation of ventricular arrhythmias: executive summary. <i>Europace</i> , 2020, 22, 450-495.	1.7	29
36	European Heart Rhythm Association (<sc>EHRA</sc>)/Heart Rhythm Society (<sc>HRS</sc>)/Asia Pacific Heart Rhythm Society (<sc>APHRS</sc>)/Latin American Heart Rhythm Society (<sc>LAHRs</sc>) Expert Consensus Statement on the state of genetic testing for cardiac diseases. <i>Journal of Arrhythmia</i> , 2022, 38, 491-553.	1.2	24

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37	Catheter Ablation of Ventricular Tachycardia in the Presence of an Old Endocavitary Thrombus Guided by Intracardiac Echocardiography. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2016, 39, 581-587.	1.2	22
38	Differential effect of ganglionic plexi ablation in a patient with neurally mediated syncope and intermittent atrioventricular block. <i>Europace</i> , 2017, 19, euw100.	1.7	21
39	Resting and Exercise-Induced Left Atrial Hypertension in Patients With Atrial Fibrillation. <i>JACC: Clinical Electrophysiology</i> , 2017, 3, 461-469.	3.2	21
40	The tip of the muscle is a dominant location of ventricular ectopy originating from papillary muscles in the left ventricle. <i>Journal of Cardiovascular Electrophysiology</i> , 2018, 29, 64-70.	1.7	21
41	2019 HRS/EHRA/APHRS/LAHRS expert consensus statement on catheter ablation of ventricular arrhythmias: Executive summary. <i>Journal of Arrhythmia</i> , 2020, 36, 1-58.	1.2	20
42	2019 HRS/EHRA/APHRS/LAHRS expert consensus statement on catheter ablation of ventricular arrhythmias. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2020, 59, 145-298.	1.3	19
43	A Lattice-Tip Temperature-Controlled Radiofrequency Ablation Catheter for Wide Thermal Lesions. <i>JACC: Clinical Electrophysiology</i> , 2020, 6, 507-519.	3.2	19
44	Clinical Application of Electroanatomical Mapping in the Characterization of "Incisional" Atrial Tachycardias. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2003, 26, 420-425.	1.2	18
45	Performance of Left Ventricular Versus Biventricular Pacing in Chronic Heart Failure Assessed by Stress Echocardiography. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2004, 27, 626-631.	1.2	18
46	Catheter ablation of atrial fibrillation in elderly population. <i>Journal of Geriatric Cardiology</i> , 2017, 14, 563-568.	0.2	18
47	Outcomes of ventricular tachycardia ablation in patients with structural heart disease: The impact of electrical storm. <i>PLoS ONE</i> , 2017, 12, e0171830.	2.5	18
48	Accuracy of electroanatomical mapping-guided cardiac radiotherapy for ventricular tachycardia: pitfalls and solutions. <i>Europace</i> , 2021, 23, 1989-1997.	1.7	17
49	Isolated left ventricular pacing results in worse long-term clinical outcome when compared with biventricular pacing: a single-centre randomized study. <i>Europace</i> , 2010, 12, 1762-1768.	1.7	16
50	Radiation-Induced Changes in Ventricular Myocardium After Stereotactic Body Radiotherapy for Recurrent Ventricular Tachycardia. <i>JACC: Clinical Electrophysiology</i> , 2021, 7, 1487-1492.	3.2	16
51	Papillary Muscle Ventricular Tachycardia or Ectopy: Diagnostics, Catheter Ablation and the Role of Intracardiac Echocardiography. <i>Arrhythmia and Electrophysiology Review</i> , 2019, 8, 65-69.	2.4	15
52	A case report of successful elimination of recurrent ventricular tachycardia by repeated stereotactic radiotherapy: the importance of accurate target volume delineation. <i>European Heart Journal - Case Reports</i> , 2021, 5, ytaa516.	0.6	15
53	Catheter Ablation of Idiopathic Ventricular Tachycardia Originating from Myocardial Extensions into a Noncoronary Aortic Cusp. <i>Journal of Cardiovascular Electrophysiology</i> , 2012, 23, 98-101.	1.7	13
54	A Novel Biomarker-Based Approach for the Detection of Asymptomatic Brain Injury During Catheter Ablation of Atrial Fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2014, 25, 349-354.	1.7	13

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55	Autonomic Changes Are More Durable After Radiofrequency Than Pulsed Electric Field Pulmonary Vein Ablation. <i>JACC: Clinical Electrophysiology</i> , 2022, 8, 895-904.	3.2	13
56	Surgical ablation of post-infarction ventricular tachycardia guided by mapping in sinus rhythm: long term results. <i>European Journal of Cardio-thoracic Surgery</i> , 2004, 26, 323-329.	1.4	11
57	Successful Catheter Ablation of Two Types of Ventricular Tachycardias Triggered by Cardiac Resynchronization Therapy: A Case Report. <i>Journal of Cardiovascular Electrophysiology</i> , 2007, 18, 218-221.	1.7	10
58	3D and 4D echo applications in EP laboratory procedures. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2008, 22, 139-144.	1.3	9
59	2019 HRS/EHRA/APHRS/LAHRs expert consensus statement on catheter ablation of ventricular arrhythmias: Executive summary. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2020, 59, 81-133.	1.3	9
60	Catheter Ablation of Polymorphic Ventricular Tachycardia and Ventricular Fibrillation. <i>Arrhythmia and Electrophysiology Review</i> , 2013, 2, 135.	2.4	9
61	Intracardiac echocardiography in electrophysiology. <i>Herzschrittmachertherapie Und Elektrophysiologie</i> , 2007, 18, 140-146.	0.8	8
62	Catheter Ablation of Focal Atrial Tachycardia from the Aortic Cusp: The Role of Electroanatomic Mapping and Intracardiac Echocardiography. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2013, 36, e19-22.	1.2	8
63	Advances in Irrigated Tip Catheter Technology for Treatment of Cardiac Arrhythmias. <i>Recent Patents on Cardiovascular Drug Discovery</i> , 2013, 8, 10-16.	1.5	8
64	Catheter Ablation of Ventricular Tachycardia as the First-Line Therapy in Patients With Coronary Artery Disease and Preserved Left Ventricular Systolic Function: Long-Term Results. <i>Journal of Cardiovascular Electrophysiology</i> , 2015, 26, 1105-1110.	1.7	8
65	Danon disease is an underdiagnosed cause of advanced heart failure in young female patients: a LAMP2 flow cytometric study. <i>ESC Heart Failure</i> , 2020, 7, 2534-2543.	3.1	8
66	A Lattice-Tip Temperature-Controlled Radiofrequency Ablation Catheter. <i>JACC: Clinical Electrophysiology</i> , 2020, 6, 623-635.	3.2	7
67	Efficacy and safety of novel temperature-controlled radiofrequency ablation system during pulmonary vein isolation in patients with paroxysmal atrial fibrillation: TRAC-AF study. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2022, 64, 375-381.	1.3	7
68	The prevalence of left and right bundle branch block morphology ventricular tachycardia amongst patients with arrhythmogenic cardiomyopathy and sustained ventricular tachycardia: insights from the European Survey on Arrhythmogenic Cardiomyopathy. <i>Europace</i> , 2022, 24, 285-295.	1.7	7
69	Atrial flutter after orthotopic heart transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2004, 23, 1463-1464.	0.6	6
70	You get what you inspect, not what you expect: can we make the transseptal puncture safer?. <i>Europace</i> , 2010, 12, 1353-1355.	1.7	6
71	Catheter ablation of idiopathic ventricular ectopy in the vicinity of the His bundle under the septal leaflet of the tricuspid valve. <i>Europace</i> , 2015, 17, 1370-1370.	1.7	6
72	Impact of access route to the left ventricle on asymptomatic periprocedural brain injury: the results of a randomized trial in patients undergoing catheter ablation of ventricular tachycardia. <i>Europace</i> , 2021, 23, 610-615.	1.7	6

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73	To the Editor:. Journal of Cardiovascular Electrophysiology, 2003, 14, 900-900.	1.7	5
74	Idiopathic left ventricular outflow tract ectopy: a single focus with extremely divergent breakouts. BMC Cardiovascular Disorders, 2014, 14, 161.	1.7	5
75	Bipolar radiofrequency catheter ablation for refractory perimitral flutter: a case report. BMC Cardiovascular Disorders, 2015, 15, 139.	1.7	5
76	Catheter ablation of multiple accessory pathways in Ebstein anomaly guided by intracardiac echocardiography. Europace, 2016, 18, 339-339.	1.7	5
77	Contact Force Assessment In Catheter Ablation Of Atrial Fibrillation. Journal of Atrial Fibrillation, 2014, 6, 1047.	0.5	5
78	Case Report: Repeated Stereotactic Radiotherapy of Recurrent Ventricular Tachycardia: Reasons, Feasibility, and Safety. Frontiers in Cardiovascular Medicine, 2022, 9, 845382.	2.4	5
79	The role of imaging to support catheter ablation of atrial fibrillation. Cor Et Vasa, 2012, 54, e375-e385.	0.1	4
80	Idiopathic ventricular fibrillation triggered by two distinct foci. Europace, 2014, 16, 1459-1459.	1.7	3
81	Untying of diagnostic decapolar catheter knot using a steerable sheath and ablation catheter. Europace, 2018, 20, 1224-1224.	1.7	3
82	Gender differences in major vascular complications of catheter ablation for atrial fibrillation. Journal of Cardiovascular Electrophysiology, 2021, 32, 647-656.	1.7	3
83	Management of ventricular arrhythmias in heart failure: Current perspectives. Heart Rhythm O2, 2021, 2, 796-806.	1.7	3
84	Selecting CRT candidates: the value of intracardiac mapping. Europace, 2008, 10, iii106-iii109.	1.7	2
85	Successful ablation of ventricular tachycardia after correction of tetralogy of Fallot. Herzschrittmachertherapie Und Elektrophysiologie, 2014, 25, 116-120.	0.8	2
86	Catheter ablation to prevent sudden cardiac death. International Journal of Cardiology, 2017, 237, 29-33.	1.7	2
87	Mapping and Ablation of Unmappable Ventricular Tachycardia, Ventricular Tachycardia Storm, and Those in Acute Myocardial Infarction. Cardiac Electrophysiology Clinics, 2019, 11, 675-688.	1.7	2
88	HeartMate 3: new challenges in ventricular tachycardia ablation. Europace, 2022, 24, 598-605.	1.7	2
89	Successful elimination of recurrent ventricular tachycardia by epicardial ablation over coronary artery supplying postinfarction aneurysm. HeartRhythm Case Reports, 2018, 4, 131-134.	0.4	1
90	Robotic navigation for catheter ablation of atrial fibrillation. Cor Et Vasa, 2010, 52, 25-29.	0.1	1

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91	Acute efficacy of contiguous versus temporally discontinuous point-by-point radiofrequency pulmonary vein isolation in patients with paroxysmal atrial fibrillation: a randomized study. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2022, 64, 661-667.	1.3	1
92	Temperature-Controlled Catheter Ablation for Paroxysmal Atrial Fibrillation: The QDOT-MICRO Workflow Study. <i>Journal of Atrial Fibrillation</i> , 2020, 13, 20200460.	0.5	1
93	<i>Double Potentials as a Criterion for Cavotricuspid Isthmus Block?</i>. <i>Journal of Cardiovascular Electrophysiology</i> , 2004, 15, 617-618.	1.7	0
94	Imaging to improve the results of cardiac resynchronization therapy. <i>Interventional Cardiology</i> , 2011, 3, 203-211.	0.0	0
95	Successful catheter ablation of ventricular ectopy in a young patient with implanted Melody valve. <i>Europace</i> , 2017, 19, 1541-1541.	1.7	0
96	Intracavitary thrombus: A hidden piece of puzzle that may influence the outcome of ablation for ventricular tachycardia. <i>Journal of Cardiovascular Electrophysiology</i> , 2021, 32, 2484-2485.	1.7	0
97	Catheter ablation of ventricular tachycardias: review of literature and own experience. <i>Cor Et Vasa</i> , 2010, 52, 17-24.	0.1	0
98	Intraprocedural Techniques: Transesophageal (2D/3D) and Intracardiac Echocardiography. , 2012, , 133-147.		0
99	Rapid thrombus formation at the beginning of a catheter ablation procedure for persistent atrial fibrillation. <i>Kardiologia Polska</i> , 2014, 72, 846-846.	0.6	0
100	Catheter-based left atrial appendage occlusion guided by intracardiac echocardiography. <i>Intervencni A Akutni Kardiologie</i> , 2016, 15, 33-36.	0.0	0
101	Catheter ablation of ventricular tachycardia in structural heart disease: current perspectives. <i>Intervencni A Akutni Kardiologie</i> , 2018, 17, 85-91.	0.0	0
102	A rare cause of ventricular fibrillation after atrioventricular node ablation: what is the mechanism?. <i>Kardiologia Polska</i> , 2018, 76, 1024-1024.	0.6	0