Sabine Ernst

List of Publications by Year
in descending order

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65 papers	2,817 citations	361413 20 h-index	175258 52 g-index

76 all docs	76 docs citations	76 times ranked	2700 citing authors

#	Article	IF	Citations
1	Complete Isolation of Left Atrium Surrounding the Pulmonary Veins. Circulation, 2004, 110, 2090-2096.	1.6	752
2	Initial Experience With Remote Catheter Ablation Using a Novel Magnetic Navigation System. Circulation, 2004, 109, 1472-1475.	1.6	323
3	Catheter-induced linear lesions in theleft atrium in patients with atrial fibrillation. Journal of the American College of Cardiology, 2003, 42, 1271-1282.	2.8	254
4	Practical ways to reduce radiation dose for patients and staff during device implantations and electrophysiological procedures. Europace, 2014, 16, 946-964.	1.7	242
5	Arrhythmias in congenital heart disease: a position paper of the European Heart Rhythm Association (EHRA), Association for European Paediatric and Congenital Cardiology (AEPC), and the European Society of Cardiology (ESC) Working Group on Grown-up Congenital heart disease, endorsed by HRS, PACES, APHRS, and SOLAECE. Europace, 2018, 20, 1719-1753.	1.7	210
6	Sex differences in cardiac arrhythmia: a consensus document of the European Heart Rhythm Association, endorsed by the Heart Rhythm Society and Asia Pacific Heart Rhythm Society. Europace, 2018, 20, 1565-1565ao.	1.7	186
7	Contemporary Outcomes of Supraventricular Tachycardia Ablation in Congenital Heart Disease. Circulation: Arrhythmia and Electrophysiology, 2013, 6, 606-613.	4.8	92
8	Systemic Right Ventricular Fibrosis Detected by Cardiovascular Magnetic Resonance Is Associated With Clinical Outcome, Mainly New-Onset Atrial Arrhythmia, in Patients After Atrial Redirection Surgery for Transposition of the Great Arteries. Circulation: Cardiovascular Imaging, 2015, 8, .	2.6	74
9	Remote-Controlled Magnetic Navigation and Ablation With 3D Image Integration as an Alternative Approach in Patients With Intra-Atrial Baffle Anatomy. Circulation: Arrhythmia and Electrophysiology, 2012, 5, 131-139.	4.8	69
10	Occupational radiation exposure in the electrophysiology laboratory with a focus on personnel with reproductive potential and during pregnancy: A European Heart Rhythm Association (EHRA) consensus document endorsed by the Heart Rhythm Society (HRS). Europace, 2017, 19, 1909-1922.	1.7	50
11	Artificial intelligence in the diagnosis and management of arrhythmias. European Heart Journal, 2021, 42, 3904-3916.	2.2	45
12	Anatomical Considerations for His Bundle Pacing. Circulation: Arrhythmia and Electrophysiology, 2019, 12, e006897.	4.8	42
13	Arrhythmias in adult patients with congenital heart disease and pulmonary arterial hypertension. Heart, 2018, 104, 1963-1969.	2.9	39
14	Robotic approach to catheter ablation. Current Opinion in Cardiology, 2008, 23, 28-31.	1.8	37
15	Improved respiratory efficiency of 3D late gadolinium enhancement imaging using the continuously adaptive windowing strategy (CLAWS). Magnetic Resonance in Medicine, 2014, 71, 1064-1074.	3.0	36
16	Remote Magnetic Navigation for Catheter Ablation in Patients With Congenital Heart Disease: A Review. Journal of Cardiovascular Electrophysiology, 2016, 27, S45-56.	1.7	29
17	Major adverse events and atrial tachycardia in Ebsteinâ€™s anomaly predicted by cardiovascular magnetic resonance. Heart, 2018, 104, 37-44.	2.9	26
18	Efficacy of catheter ablation for atrial fibrillation in patients with congenital heart disease. Europace, 2019, 21, 1334-1344.	1.7	25

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19	Three-Dimensional Late Gadolinium Enhancement Cardiovascular Magnetic Resonance Predicts Inducibility of Ventricular Tachycardia in Adults With Repaired Tetralogy of Fallot. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e008321.	4.8	25
20	Utility of Noninvasive Arrhythmia Mapping in Patients with Adult Congenital Heart Disease. Cardiac Electrophysiology Clinics, 2015, 7, 117-123.	1.7	22
21	Magnetic and robotic navigation for catheter ablation. Journal of Interventional Cardiac Electrophysiology, 2008, 23, 41-44.	1.3	19
22	Magnetic Navigation and Catheter Ablation of Right Atrial Ectopic Tachycardia in the Presence of a Hemiâ€Azygos Continuation: A Magnetic Navigation Case Using 3D Electroanatomical Mapping. Journal of Cardiovascular Electrophysiology, 2009, 20, 99-102.	1.7	18
23	An initial experience of high-density mapping-guided ablation in a cohort of patients with adult congenital heart disease. Europace, 2019, 21, i43-i53.	1.7	18
24	Radiation Exposure and Safety for the Electrophysiologist. Current Cardiology Reports, 2013, 15, 402.	2.9	15
25	Fluoroscopy usage in contemporary interventional electrophysiology: Insights from a European registry. Clinical Cardiology, 2021, 44, 36-42.	1.8	14
26	Anatomy of the Pericardial Space and Mediastinum: Relevance to Epicardial Mapping and Ablation. Cardiac Electrophysiology Clinics, 2010, 2, 1-8.	1.7	12
27	A New Technique for Zero Fluoroscopy Atrial Fibrillation Ablation Without the Use of Intracardiac Echocardiography. JACC: Clinical Electrophysiology, 2018, 4, 1647-1648.	3.2	11
28	PEARS procedure and the difficulty to provide evidence for its benefits. European Heart Journal, 2020, 41, 4086-4088.	2.2	11
29	'Two-by-two' pulmonary vein isolation in the presence of a complete situs inversus and dextrocardia: use of magnetic navigation and 3D mapping with image integration. Europace, 2009, 11, 1118-1119.	1.7	10
30	An efficient cardiac mapping strategy for radiofrequency catheter ablation with active learning. International Journal of Computer Assisted Radiology and Surgery, 2017, 12, 1199-1207.	2.8	10
31	Catheter Ablation. Cardiac Electrophysiology Clinics, 2017, 9, 311-317.	1.7	9
32	Predictors and Mechanisms of Atrial Fibrillation in Patients With Hypertrophic Cardiomyopathy. American Journal of Cardiology, 2020, 136, 140-148.	1.6	8
33	Use of Asymmetric Bidirectional Catheters with Different Curvature Radius for Catheter Ablation of Cardiac Arrhythmias. PACE - Pacing and Clinical Electrophysiology, 2013, 36, 757-763.	1.2	7
34	Remote Navigation for Complex Arrhythmia. Arrhythmia and Electrophysiology Review, 2013, 2, 53.	2.4	7
35	The future of atrial fibrillation ablation: new technologies and indications: Atrial fibrillation. Heart, 2009, 95, 158-163.	2.9	6
36	Pulmonary Artery Denervation. JACC: Cardiovascular Interventions, 2019, 12, 285-288.	2.9	6

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37	Catheter ablation for patients with end-stage complex congenital heart disease or cardiomyopathy considered for transplantation: Trials and tribulations. International Journal of Cardiology, 2020, 301, 127-134.	1.7	6
38	Initial Experience Using the Radiofrequency Needle Visualization on the Electroanatomical Mapping System for Transseptal Puncture. Cardiology Research and Practice, 2020, 2020, 1-8.	1.1	6
39	Cryo Balloon Pulmonary Vein Isolation. Journal of the American College of Cardiology, 2013, 61, 1724-1725.	2.8	4
40	Fast Fully Automatic Segmentation of the Severely Abnormal Human Right Ventricle from Cardiovascular Magnetic Resonance Images Using a Multi-Scale 3D Convolutional Neural Network. , 2016, , .		4
41	Probabilistic guidance for catheter tip motion in cardiac ablation procedures. Medical Image Analysis, 2018, 47, 1-14.	11.6	4
42	Transcatheter Aortic Valve Replacement to Treat Left Ventricular Outflow Tract Obstruction and Significant Paravalvular Leak Following Transcatheter Mitral Valve Replacement. Case, 2019, 3, 90-99.	0.3	4
43	Catheter mapping and ablation during pregnancy. Herzschrittmachertherapie Und Elektrophysiologie, 2021, 32, 164-173.	0.8	4
44	Path planning for robot-enhanced cardiac Radiofrequency Catheter Ablation. , 2016, , .		3
45	Multicenter Outcomes of Catheter Ablation for Atrioventricular Reciprocating Tachycardia Mediated by Twin Atrioventricular Nodes. JACC: Clinical Electrophysiology, 2022, 8, 322-330.	3.2	3
46	Remote navigation for ablation of arrhythmias in patients with congenital heart disease. Progress in Pediatric Cardiology, 2012, 34, 79-83.	0.4	2
47	Noninvasive 3D Mapping and Ablation of Epicardial Premature Ventricular Contractions From the Endocardial Aspect of the Left Atrial Appendage. JACC: Case Reports, 2020, 2, 1776-1780.	0.6	2
48	Impact of Contact Force-Sensing Catheters on Fluoroscopy Time in Interventional Electrophysiology: A European Survey. Journal of Clinical Medicine, 2022, 11, 1322.	2.4	2
49	Ablation of atrial tachycardia after Mustard and Senning surgeries for d-transposition of the great arteries. Progress in Pediatric Cardiology, 2012, 34, 75-78.	0.4	1
50	Accessory Pathway Ablation in a 6-Year-Old Girl Using Remote Magnetic Navigation as an Alternative to Cryoablation. Pediatric Cardiology, 2013, 34, 760-763.	1.3	1
51	Advanced ablation strategies for management of post-surgical atrial arrhythmias. Global Cardiology Science & Practice, 2013, 2013, 20.	0.4	1
52	Multielectrode Pulmonary Vein Isolation Versus Single Tip Wide Area Catheter Ablation-Paroxysmal Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2016, 9, e004077.	4.8	1
53	Peripheral vascular access for catheter ablation of supraventricular tachycardia using remote magnetic navigation. HeartRhythm Case Reports, 2021, 7, 351-353.	0.4	1
54	Transseptal puncture via a superior access as an alternative to the conventional femoral route. International Journal of Cardiology Congenital Heart Disease, 2021, 4, 100187.	0.4	1

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55	Radiation Safety and Electrophysiologists: Radiation Protection Status â€“ Go for Zero Fluoroscopy European Heart Rhythm Association Registry. Cardiology, 2021, 146, 600-606.	1.4	1
56	When a multipolar catheter misses an â€œarmâ€: A known complication experienced anew. HeartRhythm Case Reports, 2020, 6, 745-748.	0.4	1
57	Catheter Ablation of Atrioventricular Nodal Reentrant Tachycardia in Patients With Congenital Heart Disease. Circulation: Arrhythmia and Electrophysiology, 2022, 15, CIRCEP121010631.	4.8	1
58	Techniques Targeting the Pulmonary Veins. , 2009, , 117-123.		0
59	Even Cooler?!. Circulation: Arrhythmia and Electrophysiology, 2013, 6, 666-667.	4.8	0
60	YI-5â€…Mortality and VT in ebsteinâ€™s anomaly of the tricuspid valve: A prospective cardiovascular magnetic resonance study. Heart, 2016, 102, A27.2-A27.	2.9	0
61	Advanced mapping capabilities 2018â€”summary: are we working towards more personalized ablation strategies?. Europace, 2019, 21, i2-i3.	1.7	0
62	Zero-Fluoroscopy Ablation for Atrial Re-Entry Via a Vein of Marshall Connection Using a Visible Sheath. JACC: Case Reports, 2021, 3, 1145-1149.	0.6	0
63	Autonomic modulation of the arrhythmogenic substrate in the evolution of atrial fibrillation and therapeutic approaches. Herzschrittmachertherapie Und Elektrophysiologie, 2021, 32, 302-307.	0.8	0
64	Epicardial ablation of ventricular tachycardia in a patient with arrhythmogenic right ventricular dysplasia after failed conventional endocardial ablation: A case for remote navigation with functional image integration. Global Cardiology Science & Practice, 2017, 2016, e201639.	0.4	0
65	Magnetic Navigation: Catheter Ablation. , 0, , 80-85.		0