

Natasja M S De Groot

List of Publications by Year in descending order

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Version: 2024-02-01

165
papers

11,829
citations

212478

28
h-index

34195

103
g-index

169
all docs

169
docs citations

169
times ranked

10941
citing authors

#	ARTICLE	IF	CITATIONS
1	Degree of Fibrosis in Human Atrial Tissue Is Not the Hallmark Driving AF. <i>Cells</i> , 2022, 11, 427.	1.8	11
2	Low-voltage potentials contribute to postoperative atrial fibrillation development in obese patients. <i>Heart Rhythm</i> , 2022, 19, 710-718.	0.3	2
3	Classification of De novo post-operative and persistent atrial fibrillation using multi-channel ECG recordings. <i>Computers in Biology and Medicine</i> , 2022, 143, 105270.	3.9	2
4	An accurate and efficient method to train classifiers for atrial fibrillation detection in ECGs: Learning by asking better questions. <i>Computers in Biology and Medicine</i> , 2022, 143, 105331.	3.9	5
5	Vagus Nerve Stimulation and Atrial Fibrillation: Revealing the Paradox. <i>Neuromodulation</i> , 2022, 25, 356-365.	0.4	17
6	Atrial fibrillation. <i>Nature Reviews Disease Primers</i> , 2022, 8, 21.	18.1	126
7	Joint cardiac tissue conductivity and activation time estimation using confirmatory factor analysis. <i>Computers in Biology and Medicine</i> , 2022, 144, 105393.	3.9	3
8	The First Evaluation of Remote Magnetic Navigation-Guided Pediatric Ventricular Arrhythmia Ablation. <i>Pediatric Cardiology</i> , 2022, 43, 1695-1703.	0.6	2
9	Sex-specific anthropometric and blood pressure trajectories and risk of incident atrial fibrillation: the Rotterdam Study. <i>European Journal of Preventive Cardiology</i> , 2022, 29, 1744-1755.	0.8	3
10	Characterization of pre-existing arrhythmogenic substrate associated with de novo early and late postoperative atrial fibrillation. <i>International Journal of Cardiology</i> , 2022, 363, 71-79.	0.8	3
11	Blood-based 8-hydroxy-2'-deoxyguanosine level: A potential diagnostic biomarker for atrial fibrillation. <i>Heart Rhythm</i> , 2021, 18, 271-277.	0.3	18
12	2020 ESC Guidelines for the diagnosis and management of atrial fibrillation developed in collaboration with the European Association for Cardio-Thoracic Surgery (EACTS). <i>European Heart Journal</i> , 2021, 42, 373-498.	1.0	5,583
13	Sinus rhythm voltage fingerprinting in patients with mitral valve disease using a high-density epicardial mapping approach. <i>Europace</i> , 2021, 23, 469-478.	0.7	17
14	Local Activation Time Estimation in Atrial Electrograms Using Cross-Correlation over Higher-Order Neighbors. , 2021, , .		2
15	To the Editor" Investigating sinoatrial node activation during sinus rhythm using phase mapping. <i>Heart Rhythm</i> , 2021, 18, 331.	0.3	0
16	Detection of Endo-epicardial Asynchrony in the Atrial Wall Using One-Sided Unipolar and Bipolar Electrograms. <i>Journal of Cardiovascular Translational Research</i> , 2021, 14, 902-911.	1.1	6
17	Epi-endocardial asynchrony during atrial flutter followed by atrial fibrillation. <i>HeartRhythm Case Reports</i> , 2021, 7, 191-194.	0.2	0
18	Signal Fingerprinting as a Novel Diagnostic Tool to Identify Conduction Inhomogeneity. <i>Frontiers in Physiology</i> , 2021, 12, 652128.	1.3	5

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19	Atrial electrophysiological characteristics of aging. <i>Journal of Cardiovascular Electrophysiology</i> , 2021, 32, 903-912.	0.8	10
20	Early and late post-operative arrhythmias after surgical myectomy: 45 years of follow-up. <i>International Journal of Cardiology</i> , 2021, 328, 63-68.	0.8	6
21	Identification of local atrial conduction heterogeneities using high-density conduction velocity estimation. <i>Europace</i> , 2021, 23, 1815-1825.	0.7	22
22	Reduction of Conduction Velocity in Patients with Atrial Fibrillation. <i>Journal of Clinical Medicine</i> , 2021, 10, 2614.	1.0	6
23	Conduction Disorders during Sinus Rhythm in Relation to Atrial Fibrillation Persistence. <i>Journal of Clinical Medicine</i> , 2021, 10, 2846.	1.0	3
24	Digital biomarkers and algorithms for detection of atrial fibrillation using surface electrocardiograms: A systematic review. <i>Computers in Biology and Medicine</i> , 2021, 133, 104404.	3.9	18
25	Endo-Epicardial Mapping of In Vivo Human Sinoatrial Node Activity. <i>JACC: Clinical Electrophysiology</i> , 2021, 7, 693-702.	1.3	11
26	Novel insights in pathophysiology of postoperative atrial fibrillation. <i>JTCVS Open</i> , 2021, 6, 120-129.	0.2	1
27	Identification of Low-Voltage Areas: A Unipolar, Bipolar, and Omnipolar Perspective. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021, 14, e009912.	2.1	14
28	Analyzing the effect of electrode size on electrogram and activation map properties. <i>Computers in Biology and Medicine</i> , 2021, 134, 104467.	3.9	7
29	Cardiac tissue conductivity estimation using confirmatory factor analysis. <i>Computers in Biology and Medicine</i> , 2021, 135, 104604.	3.9	5
30	The Role of Mitochondrial Dysfunction in Atrial Fibrillation: Translation to Druggable Target and Biomarker Discovery. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8463.	1.8	20
31	Atrial heat shock protein levels are associated with early postoperative and persistence of atrial fibrillation. <i>Heart Rhythm</i> , 2021, 18, 1790-1798.	0.3	6
32	Remote magnetic navigation shows superior long-term outcomes in pediatric atrioventricular (nodal) tachycardia ablation compared to manual radiofrequency and cryoablation. <i>IJC Heart and Vasculature</i> , 2021, 37, 100881.	0.6	1
33	Dynamics of the QTc interval over a 24h dose interval after start of intravenous ciprofloxacin or low-dose erythromycin administration in ICU patients. <i>Pharmacology Research and Perspectives</i> , 2021, 9, e00865.	1.1	1
34	First-in-children epicardial mapping of the heart: unravelling arrhythmogenesis in congenital heart disease. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021, 32, 137-140.	0.5	3
35	AF Inducibility Is Related to Conduction Abnormalities at Bachmann's Bundle. <i>Journal of Clinical Medicine</i> , 2021, 10, 5536.	1.0	3
36	The impact of obesity on early postoperative atrial fibrillation burden. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 930-938.e2.	0.4	16

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37	Oral geranylgeranylacetone treatment increases heat shock protein expression in human atrial tissue. <i>Heart Rhythm</i> , 2020, 17, 115-122.	0.3	15
38	Improved local activation time annotation of fractionated atrial electrograms for atrial mapping. <i>Computers in Biology and Medicine</i> , 2020, 117, 103590.	3.9	8
39	The Risk of QTc-Interval Prolongation in Breast Cancer Patients Treated with Tamoxifen in Combination with Serotonin Reuptake Inhibitors. <i>Pharmaceutical Research</i> , 2020, 37, 7.	1.7	8
40	The Effects of Valvular Heart Disease on Atrial Conduction During Sinus Rhythm. <i>Journal of Cardiovascular Translational Research</i> , 2020, 13, 632-639.	1.1	5
41	Evaluating Serum Heat Shock Protein Levels as Novel Biomarkers for Atrial Fibrillation. <i>Cells</i> , 2020, 9, 2105.	1.8	18
42	Three-dimensional visualization of atrial conduction disorders using simultaneous endo-epicardial mapping. <i>European Heart Journal - Case Reports</i> , 2020, 4, 1-2.	0.3	0
43	Classification of sinus rhythm single potential morphology in patients with mitral valve disease. <i>Europace</i> , 2020, 22, 1509-1519.	0.7	11
44	Exploring Refractoriness as an Adjunctive Electrical Biomarker for Staging of Atrial Fibrillation. <i>Journal of the American Heart Association</i> , 2020, 9, e018427.	1.6	6
45	Daily Supplementation of L-Glutamine in Atrial Fibrillation Patients: The Effect on Heat Shock Proteins and Metabolites. <i>Cells</i> , 2020, 9, 1729.	1.8	11
46	Atrial fibrillation in patients with an atrial septal defect in a single centre cohort during a long clinical follow-up: its association with closure and outcome of therapy. <i>Open Heart</i> , 2020, 7, e001298.	0.9	12
47	Visualization of transmural wave propagation using simultaneous endo-epicardial mapping. <i>European Heart Journal - Case Reports</i> , 2020, 4, 1-2.	0.3	1
48	Outcomes of Atrial Arrhythmia Surgery in Patients With Congenital Heart Disease: A Systematic Review. <i>Journal of the American Heart Association</i> , 2020, 9, e016921.	1.6	5
49	Simultaneous Endo-epicardial Mapping of the Human Right Atrium: Unraveling Atrial Excitation. <i>Journal of the American Heart Association</i> , 2020, 9, e017069.	1.6	12
50	Heterogeneity in Conduction Underlies Obesity-Related Atrial Fibrillation Vulnerability. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e008161.	2.1	18
51	Cell-Free Circulating Mitochondrial DNA: A Potential Blood-Based Marker for Atrial Fibrillation. <i>Cells</i> , 2020, 9, 1159.	1.8	31
52	First Evidence of Endo-Epicardial Asynchrony of the Left Atrial Wall in Humans. <i>JACC: Case Reports</i> , 2020, 2, 745-749.	0.3	3
53	Direction- and rate-dependent fractionation during atrial fibrillation persistence: Unmasking cardiac anisotropy?. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 2206-2209.	0.8	4
54	The Impact of Filter Settings on Morphology of Unipolar Fibrillation Potentials. <i>Journal of Cardiovascular Translational Research</i> , 2020, 13, 953-964.	1.1	4

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55	Sinus Rhythm Conduction Properties across Bachmann's Bundle: Impact of Underlying Heart Disease and Atrial Fibrillation. <i>Journal of Clinical Medicine</i> , 2020, 9, 1875.	1.0	1
56	The Genetic Puzzle of Familial Atrial Fibrillation. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 14.	1.1	18
57	Cardiac resynchronization therapy for the failing systemic right ventricle: A systematic review. <i>International Journal of Cardiology</i> , 2020, 318, 74-81.	0.8	19
58	Persistence and Distortion of Electrical Activity in the LAA 5 Years After Endovascular Occlusion. <i>JACC: Case Reports</i> , 2020, 2, 583-587.	0.3	2
59	Early markers of atrial fibrillation recurrence after pulmonary vein isolation. <i>Journal of Arrhythmia</i> , 2020, 36, 304-310.	0.5	0
60	Impact of atrial programmed electrical stimulation techniques on unipolar electrogram morphology. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 943-951.	0.8	1
61	Graph-time spectral analysis for atrial fibrillation. <i>Biomedical Signal Processing and Control</i> , 2020, 59, 101915.	3.5	7
62	Atrial fibrillation fingerprinting: spotting bioelectrical markers to early recognize atrial fibrillation by the use of a bottom-up approach (AFFIP): Rationale and design. <i>Clinical Cardiology</i> , 2020, 43, 546-552.	0.7	2
63	Revealing hidden information from unipolar extracellular potentials. <i>HeartRhythm Case Reports</i> , 2020, 6, 942-946.	0.2	2
64	Distribution of Conduction Disorders in Patients With Congenital Heart Disease and Right Atrial Volume Overload. <i>JACC: Clinical Electrophysiology</i> , 2020, 6, 537-548.	1.3	9
65	Conduction Heterogeneity. <i>JACC: Clinical Electrophysiology</i> , 2020, 6, 1844-1854.	1.3	19
66	Left atrial diverticula: Innocent bystanders or wolves in sheep's clothing?. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 2484-2488.	0.8	3
67	First Evidence of Atrial Conduction Disorders in Pediatric Patients With Congenital Heart Disease. <i>JACC: Clinical Electrophysiology</i> , 2020, 6, 1739-1743.	1.3	3
68	Ventricular Dysrhythmias During Long-Term Follow-Up in Patients With Inherited Cardiac Arrhythmia. <i>American Journal of Cardiology</i> , 2019, 124, 1436-1441.	0.7	3
69	Pathophysiology of atrial fibrillation: Focal patterns of activation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2019, 42, 1312-1319.	0.5	21
70	A Rare Case of the Digenic Inheritance of Long QT Syndrome Type 2 and Type 6. <i>Case Reports in Medicine</i> , 2019, 2019, 1-4.	0.3	5
71	Current Concepts of Anatomy, Electrophysiology, and Therapeutic Implications of the Interatrial Septum. <i>JACC: Clinical Electrophysiology</i> , 2019, 5, 647-656.	1.3	11
72	Mitochondrial Dysfunction Underlies Cardiomyocyte Remodeling in Experimental and Clinical Atrial Fibrillation. <i>Cells</i> , 2019, 8, 1202.	1.8	57

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73	Concomitant pulmonary vein isolation and percutaneous closure of atrial septal defects: A pilot project. <i>Congenital Heart Disease</i> , 2019, 14, 1123-1129.	0.0	5
74	Reply to the letter: A hiding in the lining: Irregular wide-complex tachycardia due to atrial fibrillation in the Wolff-Parkinson-White syndrome. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2019, 42, 1501-1501.	0.5	0
75	DNA damage-induced PARP1 activation confers cardiomyocyte dysfunction through NAD ⁺ depletion in experimental atrial fibrillation. <i>Nature Communications</i> , 2019, 10, 1307.	5.8	85
76	QRS Vector Magnitude as Predictor of Ventricular Arrhythmia in Patients With Brugada Syndrome. <i>American Journal of Cardiology</i> , 2019, 123, 1962-1966.	0.7	5
77	ESC e-Cardiology Working Group Position Paper: Overcoming challenges in digital health implementation in cardiovascular medicine. <i>European Journal of Preventive Cardiology</i> , 2019, 26, 1166-1177.	0.8	194
78	A compact matrix model for atrial electrograms for tissue conductivity estimation. <i>Computers in Biology and Medicine</i> , 2019, 107, 284-291.	3.9	11
79	Impact of the arrhythmogenic potential of long lines of conduction slowing at the pulmonary vein area. <i>Heart Rhythm</i> , 2019, 16, 511-519.	0.3	12
80	Atrial fibrillation: A never ending story?. <i>Clinical Case Reports (discontinued)</i> , 2019, 7, 2368-2370.	0.2	0
81	Arrhythmia Mechanisms and Outcomes of Ablation in Pediatric Patients With Congenital Heart Disease. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019, 12, e007663.	2.1	18
82	Letter by Kharbanda and de Groot Regarding Article, "Electrical Stimulation of the Greater Auricular Nerve to Reduce Postoperative Atrial Fibrillation", <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019, 12, e008043.	2.1	0
83	Real-time photoacoustic assessment of radiofrequency ablation lesion formation in the left atrium. <i>Photoacoustics</i> , 2019, 16, 100150.	4.4	29
84	Tetralogy of Fallot in the Current Era. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2019, 31, 496-504.	0.4	21
85	Dysrhythmias in patients with a complete atrioventricular septal defect: From surgery to early adulthood. <i>Congenital Heart Disease</i> , 2019, 14, 280-287.	0.0	9
86	The Bachmann bundle and interatrial conduction: comparing atrial morphology to electrical activity. <i>Heart Rhythm</i> , 2019, 16, 606-614.	0.3	20
87	Epicardial atrial mapping during minimally invasive cardiothoracic surgery. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2019, 28, 108-111.	0.5	2
88	Anatomical hotspots of fractionated electrograms in the left and right atrium: do they exist?. <i>Europace</i> , 2019, 21, 60-72.	0.7	7
89	A Graph Signal Processing Framework for Atrial Activity Extraction. , 2019, , .		2
90	Unipolar atrial electrogram morphology from an epicardial and endocardial perspective. <i>Heart Rhythm</i> , 2018, 15, 879-887.	0.3	29

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91	Prediction of ventricular tachyarrhythmia in Brugada syndrome by right ventricular outflow tract conduction delay signs. <i>Journal of Cardiovascular Electrophysiology</i> , 2018, 29, 998-1003.	0.8	8
92	Biomarkers to noninvasively determine the atrial fibrillation progression phenotype: A bridge to individualized ablative therapy?. <i>Heart Rhythm</i> , 2018, 15, 1138-1139.	0.3	0
93	Quantification of the Arrhythmogenic Effects of Spontaneous Atrial Extrasystole Using High-Resolution Epicardial Mapping. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018, 11, .	2.1	14
94	Impact of Ischemic and Valvular Heart Disease on Atrial Excitation: A High-Resolution Epicardial Mapping Study. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	11
95	Intraoperative Inducibility of Atrial Fibrillation Does Not Predict Early Postoperative Atrial Fibrillation. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	5
96	Frequent atrial extrasystolic beats predict atrial fibrillation in patients with congenital heart defects. <i>Europace</i> , 2018, 20, 25-32.	0.7	12
97	Intraoperative arrhythmias in children with congenital heart disease: transient, innocent events?. <i>Europace</i> , 2018, 20, e115-e123.	0.7	1
98	QTc prolongation during ciprofloxacin and fluconazole combination therapy: prevalence and associated risk factors. <i>British Journal of Clinical Pharmacology</i> , 2018, 84, 369-378.	1.1	16
99	Time course and interrelationship of dysrhythmias in patients with surgically repaired atrial septal defect. <i>Heart Rhythm</i> , 2018, 15, 341-347.	0.3	7
100	Progression of late postoperative atrial fibrillation in patients with tetralogy of Fallot. <i>Journal of Cardiovascular Electrophysiology</i> , 2018, 29, 30-37.	0.8	10
101	Coexistence of tachyarrhythmias in patients with tetralogy of Fallot. <i>Heart Rhythm</i> , 2018, 15, 503-511.	0.3	15
102	Converse role of class I and class IIa HDACs in the progression of atrial fibrillation. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 125, 39-49.	0.9	28
103	Novel Insights in the Activation Patterns at the Pulmonary Vein Area. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018, 11, e006720.	2.1	3
104	Concomitant arrhythmia surgery in patients with congenital heart disease. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2018, 27, 902-909.	0.5	3
105	Focal activation patterns: breaking new grounds in the pathophysiology of atrial fibrillation. <i>Expert Review of Cardiovascular Therapy</i> , 2018, 16, 479-488.	0.6	6
106	Application of kinomic array analysis to screen for altered kinases in atrial fibrillation remodeling. <i>Heart Rhythm</i> , 2018, 15, 1708-1716.	0.3	5
107	Inhomogeneity and complexity in defining fractionated electrograms. <i>Heart Rhythm</i> , 2017, 14, 616-624.	0.3	34
108	Early ventricular tachyarrhythmias after coronary artery bypass grafting surgery: Is it a real burden?. <i>Journal of Cardiology</i> , 2017, 70, 263-270.	0.8	10

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109	Usefulness of the R-Wave Sign as a Predictor for Ventricular Tachyarrhythmia in Patients With Brugada Syndrome. <i>American Journal of Cardiology</i> , 2017, 120, 428-434.	0.7	11
110	Endo-epicardial breakthrough: A tale of 2 sides. <i>Heart Rhythm</i> , 2017, 14, 1208-1209.	0.3	2
111	Intra-operative mapping of the atria: the first step towards individualization of atrial fibrillation therapy?. <i>Expert Review of Cardiovascular Therapy</i> , 2017, 15, 537-545.	0.6	11
112	Development of Tachyarrhythmias Late After the Fontan Procedure. <i>Cardiac Electrophysiology Clinics</i> , 2017, 9, 273-284.	0.7	7
113	Early, de novo atrial fibrillation after coronary artery bypass grafting: Facts and features. <i>American Heart Journal</i> , 2017, 184, 62-70.	1.2	10
114	Impact of Supraventricular Tachyarrhythmia in Patients With Inherited Cardiac Arrhythmia. <i>American Journal of Cardiology</i> , 2017, 120, 1985-1989.	0.7	1
115	Atrial Tachyarrhythmia in Congenital Heart Disease. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2017, 10, .	2.1	4
116	Spatial distribution of conduction disorders during sinus rhythm. <i>International Journal of Cardiology</i> , 2017, 249, 220-225.	0.8	25
117	Epicardial Breakthrough Waves During Sinus Rhythm. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2017, 10, .	2.1	26
118	Aberrant coronary artery spasms cause STâ€segment depression during endovascular ablation of atrial flutter. <i>Clinical Case Reports (discontinued)</i> , 2017, 5, 1252-1254.	0.2	0
119	Usefulness of Fragmented QRS Complexes in Patients With Congenital Heart Disease to Predict Ventricular Tachyarrhythmias. <i>American Journal of Cardiology</i> , 2017, 119, 126-131.	0.7	11
120	Hemodynamic deterioration precedes onset of ventricular tachyarrhythmia after Heartmate II implantation. <i>Journal of Cardiothoracic Surgery</i> , 2016, 11, 97.	0.4	4
121	Dynamics of Focal Fibrillation Waves during Persistent Atrial Fibrillation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2016, 39, 403-404.	0.5	1
122	Relevance of Conduction Disorders in Bachmannâ€™s Bundle During Sinus Rhythm in Humans. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2016, 9, e003972.	2.1	51
123	Spatiotemporal model-based estimation of high-density atrial fibrillation activation maps. , 2016, 54, 64-74.		3
124	Direct Proof of Endo-Epicardial Asynchrony of the Atrial Wall During Atrial Fibrillation in Humans. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2016, 9, .	2.1	168
125	Simultaneous endocardial and epicardial high-resolution mapping of the human right atrial wall. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 152, 929-931.	0.4	15
126	Endoâ€™epicardial dissociation in conduction. <i>European Heart Journal</i> , 2016, 38, ehw245.	1.0	1

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127	Non-sustained ventricular tachycardia in patients with congenital heart disease: An important sign?. <i>International Journal of Cardiology</i> , 2016, 206, 158-163.	0.8	15
128	Dynamics of Endo- and Epicardial Focal Fibrillation Waves at the Right Atrium in a Patient With Advanced Atrial Remodelling. <i>Canadian Journal of Cardiology</i> , 2016, 32, 1260.e19-1260.e21.	0.8	17
129	QQuest for the Arrhythmogenic Substrate of Atrial fibrillation in Patients Undergoing Cardiac Surgery (QUASAR Study): Rationale and Design. <i>Journal of Cardiovascular Translational Research</i> , 2016, 9, 194-201.	1.1	33
130	Atrial tachyarrhythmias after atrial switch operation for transposition of the great arteries: Treating old surgery with new catheters. <i>Heart Rhythm</i> , 2016, 13, 1731-1738.	0.3	14
131	Detailed characterization of familial idiopathic ventricular fibrillation linked to the DPP6 locus. <i>Heart Rhythm</i> , 2016, 13, 905-912.	0.3	48
132	A priori model independent inverse potential mapping: the impact of electrode positioning. <i>Clinical Research in Cardiology</i> , 2016, 105, 79-88.	1.5	5
133	Non-invasive focus localization, right ventricular epicardial potential mapping in patients with an MRI-conditional pacemaker system – a pilot study. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2015, 44, 227-234.	0.6	7
134	A novel intra-operative, high-resolution atrial mapping approach. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2015, 44, 221-225.	0.6	34
135	Estimation of high-density activation maps during atrial fibrillation. , 2015, , .		0
136	Feasibility and Accuracy of Cardiac Magnetic Resonance Imaging–Based Whole–Heart Inverse Potential Mapping of Sinus Rhythm and Idiopathic Ventricular Foci. <i>Journal of the American Heart Association</i> , 2015, 4, e002222.	1.6	9
137	HALT & REVERSE: Hsf1 activators lower cardiomyocyte damage; towards a novel approach to REVERSE atrial fibrillation. <i>Journal of Translational Medicine</i> , 2015, 13, 347.	1.8	37
138	What™s to come after isolation of the pulmonary veins?. <i>Netherlands Heart Journal</i> , 2015, 23, 94-95.	0.3	0
139	Time Course of Atrial Fibrillation in Patients With Congenital Heart Defects. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 1065-1072.	2.1	60
140	Diagnosis and Therapy of Atrial Fibrillation: The Past, The Present and The Future. <i>Journal of Atrial Fibrillation</i> , 2015, 8, 1216.	0.5	16
141	The presence of extensive atrial scars hinders the differential diagnosis of focal or macroreentrant atrial tachycardias in patients with complex congenital heart disease. <i>Europace</i> , 2014, 16, 893-898.	0.7	15
142	CrossTalk opposing view: Rotors have not been demonstrated to be the drivers of atrial fibrillation. <i>Journal of Physiology</i> , 2014, 592, 3167-3170.	1.3	72
143	Rebuttal from Maurits Allessie and Natasja de Groot. <i>Journal of Physiology</i> , 2014, 592, 3173-3173.	1.3	14
144	Right versus left atrial pacing in patients with sick sinus syndrome and paroxysmal atrial fibrillation (Riverleft study): study protocol for randomized controlled trial. <i>Trials</i> , 2014, 15, 445.	0.7	2

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145	PACES/HRS Expert Consensus Statement on the Recognition and Management of Arrhythmias in Adult Congenital Heart Disease. <i>Heart Rhythm</i> , 2014, 11, e102-e165.	0.3	585
146	Bachmann's Bundle. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2013, 6, 1041-1046.	2.1	71
147	Long-term outcome of ablative therapy of post-operative atrial tachyarrhythmias in patients with tetralogy of Fallot: a European multi-centre study. <i>Europace</i> , 2012, 14, 522-527.	0.7	43
148	Catheter Ablation of Ventricular Tachycardias Using Remote Magnetic Navigation: A Consecutive Case-Control Study. <i>Journal of Cardiovascular Electrophysiology</i> , 2012, 23, 948-954.	0.8	44
149	Do Not Put Money Where Your Mouth Is!. <i>American Journal of the Medical Sciences</i> , 2010, 339, 89-91.	0.4	0
150	Electropathological Substrate of Long-Standing Persistent Atrial Fibrillation in Patients With Structural Heart Disease. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2010, 3, 606-615.	2.1	388
151	Electropathological Substrate of Longstanding Persistent Atrial Fibrillation in Patients With Structural Heart Disease. <i>Circulation</i> , 2010, 122, 1674-1682.	1.6	324
152	Long-Term Outcome After Ablative Therapy of Postoperative Atrial Tachyarrhythmia in Patients With Congenital Heart Disease and Characteristics of Atrial Tachyarrhythmia Recurrences. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2010, 3, 148-154.	2.1	95
153	ESC Guidelines for the management of grown-up congenital heart disease (new version 2010): The Task Force on the Management of Grown-up Congenital Heart Disease of the European Society of Cardiology (ESC). <i>European Heart Journal</i> , 2010, 31, 2915-2957.	1.0	2,134
154	Fractionated extracellular potentials: indicators of the arrhythmogenic substrate?. <i>Europace</i> , 2009, 11, 975-976.	0.7	0
155	Long-Term Outcome of Ablative Therapy of Postoperative Supraventricular Tachycardias in Patients With Univentricular Heart. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2009, 2, 242-248.	2.1	29
156	Different Mechanisms Underlying Consecutive, Postoperative Atrial Tachyarrhythmias in a Fontan Patient. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2009, 32, e18-20.	0.5	15
157	Mechanisms of perpetuation of atrial fibrillation in chronically dilated atria. <i>Progress in Biophysics and Molecular Biology</i> , 2008, 97, 435-451.	1.4	119
158	Ablation of focal atrial arrhythmia in patients with congenital heart defects after surgery: Role of circumscribed areas with heterogeneous conduction. <i>Heart Rhythm</i> , 2006, 3, 526-535.	0.3	106
159	Fragmented, Long-Duration, Low-Amplitude Electrograms Characterize the Origin of Focal Atrial Tachycardia. <i>Journal of Cardiovascular Electrophysiology</i> , 2006, 17, 1086-1092.	0.8	36
160	The relationship between sinus node dysfunction, bradycardia-mediated atrial remodelling, and post-operative atrial flutter in patients with congenital heart defects. <i>European Heart Journal</i> , 2006, 27, 2036-2037.	1.0	7
161	Voltage and Activation Mapping. <i>Circulation</i> , 2003, 108, 2099-2106.	1.6	91
162	Three-Dimensional Distribution of Bipolar Atrial Electrogram Voltages in Patients with Congenital Heart Disease. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2001, 24, 1334-1342.	0.5	34

#	ARTICLE	IF	CITATIONS
163	Detection of AF-related electropathology by artificial intelligence: is the future already here?. European Heart Journal Digital Health, 0, , .	0.7	0
164	Clinical Relevance of Sinus Rhythm Mapping to Quantify Electropathology Related to Atrial Fibrillation. Arrhythmia and Electrophysiology Review, 0, 11, .	1.3	2
165	In-vivo Sino-Atrial Node Mapping in Children and Adults With Congenital Heart Disease. Frontiers in Pediatrics, 0, 10, .	0.9	1