Jonas Carlson

List of Publications by Year
in descending order

96	1,676	279798	330143
papers	citations	23 h-index	37 g-index

99	99	99	1914
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Clinical Predictors of Termination and Clinical Outcome of Catheter Ablation for Persistent Atrial Fibrillation. Journal of the American College of Cardiology, 2009, 54, 788-795.	2.8	184
2	A decade of catheter ablation of cardiac arrhythmias in Sweden: ablation practices and outcomes. European Heart Journal, 2019, 40, 820-830.	2.2	81
3	Interatrial conduction can be accurately determined using standard 12-lead electrocardiography: Validation of P-wave morphology using electroanatomic mapping in man. Heart Rhythm, 2008, 5, 413-418.	0.7	76
4	Comparison of Four Single-Drug Regimens on Ventricular Rate and Arrhythmia-Related Symptoms in Patients With Permanent Atrial Fibrillation. American Journal of Cardiology, 2013, 111, 225-230.	1.6	75
5	Detection of inter-atrial conduction defects with unfiltered signal-averaged P-wave ECG in patients with lone atrial fibrillation. Europace, 2000, 2, 32-41.	1.7	73
6	Trimethoprim Associated Aseptic Meningitis. Scandinavian Journal of Infectious Diseases, 1987, 19, 687-691.	1.5	51
7	In-silico modeling of atrial repolarization in normal and atrial fibrillation remodeled state. Medical and Biological Engineering and Computing, 2013, 51, 1105-1119.	2.8	51
8	Abnormal Pâ€Wave Morphology Is a Predictor of Atrial Fibrillation Development and Cardiac Death in MADIT II Patients. Annals of Noninvasive Electrocardiology, 2010, 15, 63-72.	1.1	48
9	Age-related changes in P wave morphology in healthy subjects. BMC Cardiovascular Disorders, 2007, 7, 22.	1.7	44
10	Ultrasound enhanced thrombolysis in experimental retinal vein occlusion in the rabbit. British Journal of Ophthalmology, 1998, 82, 1438-1440.	3.9	41
11	Can orthogonal lead indicators of propensity to atrial fibrillation be accurately assessed from the 12-lead ECG?. Europace, 2005, 7, S39-S48.	1.7	40
12	Electrocardiographic and Echocardiographic predictors of paroxysmal atrial fibrillation detected after ischemic stroke. BMC Cardiovascular Disorders, 2016, 16, 209.	1.7	39
13	Classification of electrocardiographic P-wave morphology. IEEE Transactions on Biomedical Engineering, 2001, 48, 401-405.	4.2	36
14	Signal-averaged P wave analysis for delineation of interatrial conduction â€“ Further validation of the method. BMC Cardiovascular Disorders, 2007, 7, 29.	1.7	35
15	Atrial average conduction velocity in patients with and without paroxysmal atrial fibrillation. Clinical Physiology and Functional Imaging, 2017, 37, 596-601.	1.2	35
16	Longitudinal study of electrical, functional and structural remodelling in an equine model of atrial fibrillation. BMC Cardiovascular Disorders, 2019, 19, 228.	1.7	33
17	Alloalbuminemia in Sweden: structural study and phenotypic distribution of nine albumin variants.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 8225-8229.	7.1	30
18	Attenuation of electrical remodelling in chronic atrial fibrillation following oral treatment with verapamil. Europace, 1999, 1, 234-241.	1.7	30

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19	Dispersion of refractoriness in patients with paroxysmal atrial fibrillation: Evaluation with simultaneous endocardial recordings from both atria. Journal of Electrocardiology, 2002, 35, 227-234.	0.9	28
20	Abnormal atrial activation is common in patients with arrhythmogenic right ventricular cardiomyopathy. Journal of Electrocardiology, 2011, 44, 237-241.	0.9	27
21	Altered Interatrial Conduction Detected in MADIT II Patients Bound to Develop Atrial Fibrillation. Annals of Noninvasive Electrocardiology, 2009, 14, 268-275.	1.1	26
22	Abnormal atrial activation in young patients with lone atrial fibrillation. Europace, 2011, 13, 188-192.	1.7	26
23	Variable Interatrial Conduction Illustrated in a Hypertrophic Cardiomyopathy Population. Annals of Noninvasive Electrocardiology, 2007, 12, 227-236.	1.1	25
24	Predictors of Ventricular Fibrillation at Reperfusion in Patients With Acute ST-Elevation Myocardial Infarction Treated by Primary Percutaneous Coronary Intervention. American Journal of Cardiology, 2015, 115, 417-422.	1.6	25
25	Predictors of new onset atrial fibrillation during 10-year follow-up after first-ever ischemic stroke. International Journal of Cardiology, 2015, 199, 248-252.	1.7	25
26	Detailed ECG Analysis of Atrial Repolarization in Humans. Annals of Noninvasive Electrocardiology, 2009, 14, 13-18.	1.1	24
27	Low atrial fibrillatory rate is associated with spontaneous conversion of recent-onset atrial fibrillation. Europace, 2013, 15, 1445-1452.	1.7	23
28	Prediction of sinus rhythm maintenance following DC-cardioversion of persistent atrial fibrillation â€“ the role of atrial cycle length. BMC Cardiovascular Disorders, 2006, 6, 11.	1.7	20
29	Orthogonal P-wave morphology, conventional P-wave indices, and the risk of atrial fibrillation in the general population using data from the Finnish Hospital Discharge Register. Europace, 2020, 22, 1173-1181.	1.7	20
30	Variability of P-wave morphology predicts the outcome of circumferential pulmonary vein isolation in patients with recurrent atrial fibrillation. Journal of Electrocardiology, 2015, 48, 218-225.	0.9	19
31	Atrial fibrillation in patients with ischaemic stroke in the Swedish national patient registers: how much do we miss?. Europace, 2014, 16, 1714-1719.	1.7	17
32	Usefulness of the Sum Absolute QRST Integral to Predict Outcomes in Patients Receiving Cardiac Resynchronization Therapy. American Journal of Cardiology, 2016, 118, 389-395.	1.6	17
33	P-Wave Morphology Is Unaffected by Atrial Size: A Study in Healthy Athletes. , 2014, 19, 366-373.		16
34	Effect of flecainide on atrial fibrillatory rate in a large animal model with induced atrial fibrillation. BMC Cardiovascular Disorders, 2017, 17, 289.	1.7	16
35	Modification of intrinsic AV-nodal properties by magnesium in combination with glucose, insulin, and potassium (GIK) during chronic atrial fibrillation. Journal of Electrocardiology, 1998, 31, 281-292.	0.9	15
36	Prolonged P wave duration in adults with secundum atrial septal defect: a marker of delayed conduction rather than increased atrial size?. Europace, 2007, 9, vi105-vi108.	1.7	15

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37	Peripheral microvascular function is altered in young individuals at risk for hypertrophic cardiomyopathy and correlates with myocardial diastolic function. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 308, H1351-H1358.	3.2	15
38	Evidence for electrical remodelling of the atrial myocardium in patients with atrial fibrillation. A study using the monophasic action potential recording technique. Clinical Physiology and Functional Imaging, 2002, 22, 8-12.	1.2	14
39	Analysis of atrial fibrillatory rate during spontaneous episodes of atrial fibrillation in humans using implantable loop recorder electrocardiogram. Journal of Electrocardiology, 2012, 45, 723-726.	0.9	14
40	Effects of dofetilide and ranolazine on atrial fibrillatory rate in a horse model of acutely induced atrial fibrillation. Journal of Cardiovascular Electrophysiology, 2019, 30, 596-606.	1.7	14
41	Atrial fibrillation as a clinical characteristic of arrhythmogenic right ventricular cardiomyopathy: Experience from the Nordic ARVC Registry. International Journal of Cardiology, 2020, 298, 39-43.	1.7	14
42	Atrial time and voltage dispersion are both needed to predict new-onset atrial fibrillation in ischemic stroke patients. BMC Cardiovascular Disorders, 2017, 17, 200.	1.7	13
43	Prolonged Tpeak-Tend interval is associated with ventricular fibrillation during reperfusion in ST-elevation myocardial infarction. International Journal of Cardiology, 2019, 280, 80-83.	1.7	13
44	Munchausen syndrome by proxy: an unexpected cause of severe chronic diarrhoea in a child. Acta Paediatrica, International Journal of Paediatrics, 1994, 83, 119-121.	1.5	12
45	Atrial myocardial pathoelectrophysiology in adults with a secundum atrial septal defect is unaffected by closure of the defect. A study using high resolution signal-averaged orthogonal P-wave technique. International Journal of Cardiology, 2009, 132, 364-368.	1.7	12
46	Interatrial block in prediction of all-cause mortality after first-ever ischemic stroke. BMC Cardiovascular Disorders, 2019, 19, 37.	1.7	12
47	Noninvasive Evidence of Shortened Atrial Refractoriness during Sinus Rhythm in Patients with Paroxysmal Atrial Fibrillation. PACE - Pacing and Clinical Electrophysiology, 2009, 32, 302-307.	1.2	11
48	Primary Prevention of Sudden Cardiac Death With Implantable Cardioverter-Defibrillator Therapy in Patients With Arrhythmogenic Right Ventricular Cardiomyopathy. American Journal of Cardiology, 2019, 123, 1156-1162.	1.6	10
49	Pregnancies, ventricular arrhythmias, and substrate progression in women with arrhythmogenic right ventricular cardiomyopathy in the Nordic ARVC Registry. Europace, 2020, 22, 1873-1879.	1.7	10
50	Analysis of changes in the beat-to-beat P-wave morphology using clustering techniques. Biomedical Signal Processing and Control, 2009, 4, 309-316.	5.7	8
51	Predictors of Successful Cardioversion with Vernakalant in Patients with Recentâ€Onset Atrial Fibrillation. Annals of Noninvasive Electrocardiology, 2015, 20, 140-147.	1.1	8
52	Early repolarization pattern on ECG recorded before the acute coronary event does not predict ventricular fibrillation during ST-elevation myocardial infarction. Heart Rhythm, 2020, 17, 629-636.	0.7	8
53	Left Atrial Conduction Along the Coronary Sinus During Ectopic Atrial Tachycardia and Atrial Fibrillation:. Journal of Cardiovascular Electrophysiology, 2003, 14, S148-S153.	1.7	7
54	Changes in clot lysis levels of reteplase and streptokinase following continuous wave ultrasound exposure, at ultrasound intensities following attenuation from the skull bone. BMC Cardiovascular Disorders, 2008, 8, 19.	1.7	7

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55	Pâ€wave Morphology Is Associated with Echocardiographic Response to Cardiac Resynchronization Therapy in MADITâ€CRT Patients. Annals of Noninvasive Electrocardiology, 2013, 18, 510-518.	1.1	7
56	Usefulness of Electrocardiographic Left Atrial Abnormality to Predict Response to Cardiac Resynchronization Therapy in Patients With Mild Heart Failure and Left Bundle Branch Block (a) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70	1.6	7
57	Interatrial Block Predicts Atrial Fibrillation and Total Mortality in Patients with Cardiac Resynchronization Therapy. Cardiology, 2020, 145, 720-729.	1.4	7
58	Atrial fibrillation incidence and impact of biventricular pacing on long-term outcome in patients with heart failure treated with cardiac resynchronization therapy. BMC Cardiovascular Disorders, 2019, 19, 195.	1.7	6
59	Atrial fibrillatory rate as predictor of recurrence of atrial fibrillation in horses treated medically or with electrical cardioversion. Equine Veterinary Journal, 2022, 54, 1013-1022.	1.7	6
60	Effects of MgSO 4 and Glucose, Insulin and Potassium (GIK) on Atrial Conduction during the First 12 Hours after DCconversion of Chronic Atrial Fibrillation. Scandinavian Cardiovascular Journal, 2001, 35, 340-346.	1.2	5
61	Orthogonal P-wave morphology is affected by intra-atrial pressures. BMC Cardiovascular Disorders, 2017, 17, 288.	1.7	5
62	Evolution of P-wave indices during long-term follow-up as markers of atrial substrate progression in arrhythmogenic right ventricular cardiomyopathy. Europace, 2021, 23, i29-i37.	1.7	5
63	Evolution of Pâ€Wave Morphology in Healthy Individuals: A 3â€Year Followâ€Up Study. Annals of Noninvasive Electrocardiology, 2009, 14, 226-233.	1.1	4
64	MYBPC3 hypertrophic cardiomyopathy can be detected by using advanced ECG in children and young adults. Journal of Electrocardiology, 2016, 49, 392-400.	0.9	4
65	Non-permanent atrial fibrillation and oral anticoagulant therapy are related to survival during 10 years after first-ever ischemic stroke. International Journal of Cardiology, 2017, 232, 134-139.	1.7	4
66	Physiological variation in left atrial transverse orientation does not influence orthogonal P-wave morphology. , 2017, 22, e12392.		3
67	Right precordial-directed electrocardiographical markers identify arrhythmogenic right ventricular cardiomyopathy in the absence of conventional depolarization or repolarization abnormalities. BMC Cardiovascular Disorders, 2017, 17, 261.	1.7	3
68	Relationship between atrial fibrillatory rate based on analysis of a modified base-apex surface electrocardiogram analysis and the results of transvenous electrical cardioversion in horses with spontaneous atrial fibrillation. Journal of Veterinary Cardiology, 2021, 34, 73-79.	0.9	3
69	Cardiovagal Function Measured by the Deep Breathing Test: Relationships With Coronary Atherosclerosis. Journal of the American Heart Association, 2022, 11, e024053.	3.7	3
70	Does ultrasound influence experimentally induced thrombus formation in the central artery of the rabbit ear?. Journal of Thrombosis and Thrombolysis, 2000, 9, 243-249.	2.1	2
71	An Algorithm for Phase-Space Detection of the P Characteristic Points. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 2004-7.	0.5	2
72	Effects of baseline P-wave duration and choice of atrial septal pacing site on shortening atrial activation time during pacing. Europace, 2012, 14, 1294-1301.	1.7	2

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73	Vectorcardiography Findings Are Associated with Recurrent Ventricular Arrhythmias and Mortality in Patients with Heart Failure Treated with Implantable Cardioverter-Defibrillator Device. Cardiology, 2020, 145, 784-794.	1.4	2
74	Relation of Early Monomorphic Ventricular Tachycardia to Long-Term Mortality in ST-Elevation Myocardial Infarction. American Journal of Cardiology, 2022, 163, 13-19.	1.6	2
75	Preferential conduction patterns along the coronary sinus during atrial fibrillation in humans and their modification by pulmonary vein isolation. Journal of Electrocardiology, 2011, 44, 157-163.	0.9	1
76	The S-wave angle identifies arrhythmogenic right ventricular cardiomyopathy in patients with electrocardiographically concealed disease phenotype. Journal of Electrocardiology, 2018, 51, 1003-1008.	0.9	1
77	Genetic variants on chromosomes 7p31 and 12p12 are associated with abnormal atrial electrical activation in patients with earlyâ€onset lone atrial fibrillation. Annals of Noninvasive Electrocardiology, 2019, 24, e12661.	1.1	1
78	P5683Incremental hazard associated with the degree of advanced intaratrial block in cardiac resynchronization therapy treated heart failure patients. European Heart Journal, 2019, 40, .	2.2	1
79	Terminal T-wave inversion predicts reperfusion tachyarrhythmias in STEMI. Journal of Electrocardiology, 2022, 71, 28-31.	0.9	1
80	Baseline QRS Area and Reduction in QRS Area Are Associated with Lower Mortality and Risk of Heart Failure Hospitalization after Cardiac Resynchronization Therapy. Cardiology, 2022, 147, 298-306.	1.4	1
81	Analysis of changes in the beat-to-beat P-wave morphology using clustering techniques. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 5215-5220.	0.4	0
82	The incidence of new-onset atrial fibrillation in patients with stroke of unknown etiology is similar to the age- and gender-matched stroke-free population during 10-year follow up. European Heart Journal, 2013, 34, P487-P487.	2.2	0
83	5115Prognostic impact of electrocardiographic left atrial abnormality in patients with congestive heart failure treated with resynchronization therapy: experience from MADIT-CRT trial. European Heart Journal, 2017, 38, .	2.2	0
84	Semi-automated QRS score as a predictor of survival in CRT treated patients with strict left bundle branch block. Journal of Electrocardiology, 2018, 51, 282-287.	0.9	0
85	P2506Long-term evolution of P wave indices in arrhythmogenic right ventricular cardiomyopathy indicates atrial involvement. European Heart Journal, 2018, 39, .	2.2	0
86	P2247Pregnancies and childbirth in women with arrhythmogenic right ventricular cardiomyopathy are associated with low risk of ventricular arrhythmias. European Heart Journal, 2019, 40, .	2.2	0
87	P5653Atrial fibrillation in arrhythmogenic right ventricular cardiomyopathy and its association with left atrial volume index. European Heart Journal, 2019, 40, .	2.2	0
88	3056Orthogonal P wave morphology, traditional P wave indices, and the risk of atrial fibrillation in the general population. European Heart Journal, 2019, 40, .	2.2	0
89	Impact of new onset atrial fibrillation on long-term prognosis in patients with acute ST-segment elevation myocardial infarction. European Heart Journal, 2020, 41, .	2.2	0
90	Clinical risk factors and P wave indices in prediction of atrial fibrillation development during long-term follow-up after acute ST-segment elevation myocardial infarction. European Heart Journal, 2021, 42, .	2.2	0

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91	ECG markers of atrial abnormalities are not associated with new onset atrial fibrillation in patients with acute ST-segment elevation myocardial infarction. European Heart Journal, 2021, 42, .	2.2	0
92	Progressive ECG changes over time in arrhythmogenic right ventricular cardiomyopathy precede diagnosis and continue â€“ indices of disease substrate development?. European Heart Journal, 2020, 41, .	2.2	0
93	Interatrial Block Predicts Atrial Fibrillation and Total Mortality in Patients with Cardiac Resynchronization Therapy. European Heart Journal, 2020, 41, .	2.2	0
94	System identification applied to spatial and temporal propagation of atrial activity during atrial fibrillation. , 0, , .		0
95	PO-669-01 LONG-TERM ADHERENCE TO FLECAINIDE AS A RHYTHM CONTROL THERAPY IN RECURRENT ATRIAL FIBRILLATION - A RETROSPECTIVE COHORT STUDY. Heart Rhythm, 2022, 19, S315-S316.	0.7	0
96	AP-517-01 THE LIKELIHOOD OF CLINICALLY SIGNIFICANT QTC PROLONGATION DURING LONG-TERM FOLLOW UP IN PATIENTS WITH CONCEALED LONG QT SYNDROME AND NORMAL QTC AT INITIAL PRESENTATION. Heart Rhythm, 2022, 19, S1.	0.7	0