Joseph G Akar

List of Publications by Year
in descending order

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65 papers	7,482 citations	136740 32 h-index	118652 62 g-index
72 all docs	72 docs citations	72 times ranked	8575 citing authors

#	Article	IF	Citations
1	Changes in left atrial appendage orifice following percutaneous left atrial appendage closure using three-dimensional echocardiography. International Journal of Cardiovascular Imaging, 2022, 38, 1361-1369.	0.7	1
2	Regional heterogeneity in determinants of atrial matrix remodeling and association with atrial fibrillation vulnerability postmyocardial infarction. Heart Rhythm, 2022, , .	0.3	4
3	Tricuspid and mitral remodelling in atrial fibrillation: a three-dimensional echocardiographic study. European Heart Journal Cardiovascular Imaging, 2022, 23, 944-955.	0.5	8
4	Longitudinal Outcomes of Subcutaneous or Transvenous Implantable Cardioverter-Defibrillators in Older Patients. Journal of the American College of Cardiology, 2022, 79, 1050-1059.	1.2	9
5	Clinical Outcomes at 1 Year Following Transcatheter Left Atrial Appendage Occlusion in the United States. JACC: Cardiovascular Interventions, 2022, 15, 741-750.	1.1	19
6	Atrial AMP-activated protein kinase is critical for prevention of dysregulation of electrical excitability and atrial fibrillation. JCI Insight, 2022, 7, .	2.3	6
7	Worldwide Survey of COVID-19â€"Associated Arrhythmias. Circulation: Arrhythmia and Electrophysiology, 2021, 14, e009458.	2.1	127
8	Epistatic interaction of PDE4DIP and DES mutations in familial atrial fibrillation with slow conduction. Human Mutation, 2021, 42, 1279-1293.	1.1	10
9	Physical activity, patient-reported symptoms, and clinical events: Insights into postprocedural recovery from personal digital devices. Cardiovascular Digital Health Journal, 2021, 2, 212-221.	0.5	2
10	Feasibility of using real-world data in the evaluation of cardiac ablation catheters: a test-case of the National Evaluation System for Health Technology Coordinating Center. BMJ Surgery, Interventions, and Health Technologies, 2021, 3, e000089.	0.6	4
11	Heart Watch Study: protocol for a pragmatic randomised controlled trial. BMJ Open, 2021, 11, e054550.	0.8	1
12	Reply to: â€œQT prolongation with hydroxychloroquine and azithromycin for the treatment of COVIDâ€•19: The need for pharmacogenetic insightsâ€• Journal of Cardiovascular Electrophysiology, 2020, 31, 2795-2795.	0.8	0
13	Temporal Trends in Arrhythmogenicity Related to Treatment of COVID-19 Infection. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e008841.	2.1	2
14	Enhanced electrocardiographic monitoring of patients with Coronavirus Disease 2019. Heart Rhythm, 2020, 17, 1417-1422.	0.3	37
15	Incidence and determinants of QT interval prolongation in COVIDâ€•19 patients treated with hydroxychloroquine and azithromycin. Journal of Cardiovascular Electrophysiology, 2020, 31, 1904-1907.	0.8	30
16	Understanding tricuspid valve remodelling in atrial fibrillation using three-dimensional echocardiography. European Heart Journal Cardiovascular Imaging, 2020, 21, 747-755.	0.5	35
17	Aggregating multiple real-world data sources using a patient-centered health-data-sharing platform. Npj Digital Medicine, 2020, 3, 60.	5.7	51
18	The NCDR Left Atrial Appendage Occlusion Registry. Journal of the American College of Cardiology, 2020, 75, 1503-1518.	1.2	237

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19	Predictors of Cardiac Perforation With Catheter Ablation of Atrial Fibrillation. JACC: Clinical Electrophysiology, 2020, 6, 636-645.	1.3	36
20	3-Dimensional Transseptal Puncture Based on Electrographic Characteristics of Fossa Ovalis. JACC: Cardiovascular Interventions, 2020, 13, 1223-1232.	1.1	14
21	Catheter-related complications and mortality of atrial fibrillation ablation following introduction of contact force-sensing technology. BMJ Surgery, Interventions, and Health Technologies, 2020, 2, e000058.	0.6	2
22	Risk of COVID-19 infection after cardiac electrophysiology procedures. Heart Rhythm O2, 2020, 1, 239-242.	0.6	0
23	Recurrence quantification analysis of complexâ€fractionated electrograms differentiates active and passive sites during atrial fibrillation. Journal of Cardiovascular Electrophysiology, 2019, 30, 2229-2238.	0.8	9
24	Outcomes and costs of remote patient monitoring among patients with implanted cardiac defibrillators: An economic model based on the PREDICT RM database. Journal of Cardiovascular Electrophysiology, 2019, 30, 1066-1077.	0.8	17
25	Luminal esophageal temperature monitoring to reduce esophageal thermal injury during catheter ablation for atrial fibrillation: A review. Trends in Cardiovascular Medicine, 2019, 29, 264-271.	2.3	27
26	Ventricular Fibrillation Conversion Testing After Implantation of a Subcutaneous Implantable Cardioverter Defibrillator. Circulation, 2018, 137, 2463-2477.	1.6	34
27	2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation. Europace, 2018, 20, e1-e160.	0.7	767
28	2017â€‰HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation: Executive summary. Europace, 2018, 20, 157-208.	0.7	375
29	Proposed Standardized Neurological Endpoints for Cardiovascular Clinical Trials. European Heart Journal, 2018, 39, 1687-1697.	1.0	38
30	Arrhythmias after left ventricular assist device implantation: Incidence and management. Trends in Cardiovascular Medicine, 2018, 28, 41-50.	2.3	41
31	Atrial Fibrillation Thermographic and Endoscopic Monitoring of Patients: Safety Algorithm for the Esophagus. Circulation: Arrhythmia and Electrophysiology, 2018, 11, e006814.	2.1	2
32	New skip parameter to facilitate recurrence quantification of signals comprised of multiple components. Chaos, 2018, 28, 085718.	1.0	1
33	EHRA/HRS/APHRS/SOLAECE expert consensus on atrial cardiomyopathies: Definition, characterization, and clinical implication. Heart Rhythm, 2017, 14, e3-e40.	0.3	442
34	National Trends in Atrial Fibrillation Hospitalization, Readmission, and Mortality for Medicare Beneficiaries, 1999â€“2013. Circulation, 2017, 135, 1227-1239.	1.6	110
35	Application of Whole Exome Sequencing in the Clinical Diagnosis and Management of Inherited Cardiovascular Diseases in Adults. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	55
36	Proposed Standardized Neurological Endpoints for Cardiovascular Clinical Trials. Journal of the American College of Cardiology, 2017, 69, 679-691.	1.2	110

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37	2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation. Heart Rhythm, 2017, 14, e275-e444.	0.3	1,671
38	Addition of Blood Pressure and Weight Transmissions to Standard Remote Monitoring of Implantable Defibrillators and its Association with Mortality and Rehospitalization. Circulation: Cardiovascular Quality and Outcomes, 2017, 10, .	0.9	6
39	2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation: Executive summary. Journal of Arrhythmia, 2017, 33, 369-409.	0.5	348
40	2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation: executive summary. Journal of Interventional Cardiac Electrophysiology, 2017, 50, 1-55.	0.6	83
41	2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation: Executive summary. Heart Rhythm, 2017, 14, e445-e494.	0.3	135
42	A method for quantifying recurrent patterns of local wavefront direction during atrial fibrillation. Computers in Biology and Medicine, 2017, 89, 497-504.	3.9	19
43	Can machine learning complement traditional medical device surveillance? A case-study of dual-chamber implantable cardioverter–defibrillators. Medical Devices: Evidence and Research, 2017, Volume 10, 165-188.	0.4	9
44	Oxidative stress and inflammation as central mediators of atrial fibrillation in obesity and diabetes. Cardiovascular Diabetology, 2017, 16, 120.	2.7	303
45	EHRA/HRS/APHRS/SOLAECE expert consensus on atrial cardiomyopathies: definition, characterization, and clinical implication. Europace, 2016, 18, 1455-1490.	0.7	471
46	EHRA/HRS/APHRS/SOLAECE expert consensus on Atrial cardiomyopathies: Definition, characterisation, and clinical implication. Journal of Arrhythmia, 2016, 32, 247-278.	0.5	92
47	Editorial commentary: Virtual medicineâ€"A better reality?. Trends in Cardiovascular Medicine, 2016, 26, 731-732.	2.3	2
48	Determinants of Time in Therapeutic Range in Patients Receiving Oral Anticoagulants (A Substudy of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.7	18
49	A Fresh Perspective on Atrial Fibrillation âˆ—. Journal of the American College of Cardiology, 2016, 68, 905-907.	1.2	0
50	HRS Expert Consensus Statement on remote interrogation and monitoring for cardiovascular implantable electronic devices. Heart Rhythm, 2015, 12, e69-e100.	0.3	449
51	Atrial Fibrillation and Thrombogenesis. JACC: Clinical Electrophysiology, 2015, 1, 218-219.	1.3	4
52	Randomized trial of atrial arrhythmia monitoring to guide anticoagulation in patients with implanted defibrillator and cardiac resynchronization devices. European Heart Journal, 2015, 36, 1660-1668.	1.0	329
53	LKB1 deletion causes early changes in atrial channel expression and electrophysiology prior to atrial fibrillation. Cardiovascular Research, 2015, 108, 197-208.	1.8	31
54	Use of Remote Monitoring Is Associated With Lower Risk of Adverse Outcomes Among Patients With Implanted Cardiac Defibrillators. Circulation: Arrhythmia and Electrophysiology, 2015, 8, 1173-1180.	2.1	56

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55	Heart Rhythm Society Expert Consensus Statement on Electrophysiology Laboratory Standards: Process, Protocols, Equipment, Personnel, and Safety. Heart Rhythm, 2014, 11, e9-e51.	0.3	73
56	3D Real-Time Intracardiac Echocardiographic Visualization of Atrial Structures Relevant to Atrial Fibrillation Ablation. JACC: Cardiovascular Imaging, 2014, 7, 97-100.	2.3	14
57	Use of Remote Monitoring of Newly Implanted Cardioverter-Defibrillators. Circulation, 2013, 128, 2372-2383.	1.6	72
58	Use of Intracardiac Echocardiography during Atrial Fibrillation Ablation. PACE - Pacing and Clinical Electrophysiology, 2013, 36, 781-788.	0.5	44
59	Epicardial Fat and Atrial Fibrillation: A Review. Journal of Atrial Fibrillation, 2012, 4, 483.	0.5	7
60	Pericardial Fat Is Independently Associated With Human Atrial Fibrillation. Journal of the American College of Cardiology, 2010, 56, 784-788.	1.2	330
61	Newly Diagnosed Arrhythmogenic Right Ventricular Dysplasia in an Octogenarian. Journal of Cardiovascular Electrophysiology, 2008, 19, 1316-1318.	0.8	2
62	Acute Onset Human Atrial Fibrillation Is Associated With Local Cardiac Platelet Activation and Endothelial Dysfunction. Journal of the American College of Cardiology, 2008, 51, 1790-1793.	1.2	129
63	Endothelial dysfunction in heart failure identifies responders to cardiac resynchronization therapy. Heart Rhythm, 2008, 5, 1229-1235.	0.3	35
64	Surface Electrocardiographic Patterns and Electrophysiologic Characteristics of Atrial Flutter Following Modified Radiofrequency MAZE Procedures. Journal of Cardiovascular Electrophysiology, 2007, 18, 349-355.	0.8	36
65	Effect of Heating on Pulmonary Veins:. Journal of Cardiovascular Electrophysiology, 2003, 14, 250-254.	0.8	46