

# Joseph G Akar

## List of Publications by Year in descending order

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Version: 2024-02-01

65  
papers

7,482  
citations

136950

32  
h-index

118850

62  
g-index

72  
all docs

72  
docs citations

72  
times ranked

8575  
citing authors

#	ARTICLE	IF	CITATIONS
1	2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation. Heart Rhythm, 2017, 14, e275-e444.	0.7	1,671
2	2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation. Europace, 2018, 20, e1-e160.	1.7	767
3	EHRA/HRS/APHRS/SOLAECE expert consensus on atrial cardiomyopathies: definition, characterization, and clinical implication. Europace, 2016, 18, 1455-1490.	1.7	471
4	HRS Expert Consensus Statement on remote interrogation and monitoring for cardiovascular implantable electronic devices. Heart Rhythm, 2015, 12, e69-e100.	0.7	449
5	EHRA/HRS/APHRS/SOLAECE expert consensus on atrial cardiomyopathies: Definition, characterization, and clinical implication. Heart Rhythm, 2017, 14, e3-e40.	0.7	442
6	2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation: Executive summary. Europace, 2018, 20, 157-208.	1.7	375
7	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.	1.2	348
8	Pericardial Fat Is Independently Associated With Human Atrial Fibrillation. Journal of the American College of Cardiology, 2010, 56, 784-788.	2.8	330
9	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.	2.2	329
10	Oxidative stress and inflammation as central mediators of atrial fibrillation in obesity and diabetes. Cardiovascular Diabetology, 2017, 16, 120.	6.8	303
11	The NCDR Left Atrial Appendage Occlusion Registry. Journal of the American College of Cardiology, 2020, 75, 1503-1518.	2.8	237
12	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.	0.7	135
13	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.	2.8	129
14	Worldwide Survey of COVID-19 Associated Arrhythmias. Circulation: Arrhythmia and Electrophysiology, 2021, 14, e009458.	4.8	127
15	National Trends in Atrial Fibrillation Hospitalization, Readmission, and Mortality for Medicare Beneficiaries, 1999-2013. Circulation, 2017, 135, 1227-1239.	1.6	110
16	Proposed Standardized Neurological Endpoints for Cardiovascular Clinical Trials. Journal of the American College of Cardiology, 2017, 69, 679-691.	2.8	110
17	EHRA/HRS/APHRS/SOLAECE expert consensus on Atrial cardiomyopathies: Definition, characterisation, and clinical implication. Journal of Arrhythmia, 2016, 32, 247-278.	1.2	92
18	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.	1.3	83

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19	Heart Rhythm Society Expert Consensus Statement on Electrophysiology Laboratory Standards: Process, Protocols, Equipment, Personnel, and Safety. Heart Rhythm, 2014, 11, e9-e51.	0.7	73
20	Use of Remote Monitoring of Newly Implanted Cardioverter-Defibrillators. Circulation, 2013, 128, 2372-2383.	1.6	72
21	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.	4.8	56
22	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
23	Aggregating multiple real-world data sources using a patient-centered health-data-sharing platform. Npj Digital Medicine, 2020, 3, 60.	10.9	51
24	Effect of Heating on Pulmonary Veins:. Journal of Cardiovascular Electrophysiology, 2003, 14, 250-254.	1.7	46
25	Use of Intracardiac Echocardiography during Atrial Fibrillation Ablation. PACE - Pacing and Clinical Electrophysiology, 2013, 36, 781-788.	1.2	44
26	Arrhythmias after left ventricular assist device implantation: Incidence and management. Trends in Cardiovascular Medicine, 2018, 28, 41-50.	4.9	41
27	Proposed Standardized Neurological Endpoints for Cardiovascular Clinical Trials. European Heart Journal, 2018, 39, 1687-1697.	2.2	38
28	Enhanced electrocardiographic monitoring of patients with Coronavirus Disease 2019. Heart Rhythm, 2020, 17, 1417-1422.	0.7	37
29	Surface Electrocardiographic Patterns and Electrophysiologic Characteristics of Atrial Flutter Following Modified Radiofrequency MAZE Procedures. Journal of Cardiovascular Electrophysiology, 2007, 18, 349-355.	1.7	36
30	Predictors of Cardiac Perforation With Catheter Ablation of Atrial Fibrillation. JACC: Clinical Electrophysiology, 2020, 6, 636-645.	3.2	36
31	Endothelial dysfunction in heart failure identifies responders to cardiac resynchronization therapy. Heart Rhythm, 2008, 5, 1229-1235.	0.7	35
32	Understanding tricuspid valve remodelling in atrial fibrillation using three-dimensional echocardiography. European Heart Journal Cardiovascular Imaging, 2020, 21, 747-755.	1.2	35
33	Ventricular Fibrillation Conversion Testing After Implantation of a Subcutaneous Implantable Cardioverter Defibrillator. Circulation, 2018, 137, 2463-2477.	1.6	34
34	LKB1 deletion causes early changes in atrial channel expression and electrophysiology prior to atrial fibrillation. Cardiovascular Research, 2015, 108, 197-208.	3.8	31
35	Incidence and determinants of QT interval prolongation in COVID-19 patients treated with hydroxychloroquine and azithromycin. Journal of Cardiovascular Electrophysiology, 2020, 31, 1904-1907.	1.7	30
36	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.	4.9	27

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37	A method for quantifying recurrent patterns of local wavefront direction during atrial fibrillation. Computers in Biology and Medicine, 2017, 89, 497-504.	7.0	19
38	Clinical Outcomes at 1 Year Following Transcatheter Left Atrial Appendage Occlusion in the United States. JACC: Cardiovascular Interventions, 2022, 15, 741-750.	2.9	19
39	Determinants of Time in Therapeutic Range in Patients Receiving Oral Anticoagulants (A Substudy of) Tj ETQq1 1 0,784314 rgBT /Over	1.6	18
40	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.	1.7	17
41	3D Real-Time Intracardiac Echocardiographic Visualization of Atrial Structures Relevant to Atrial Fibrillation Ablation. JACC: Cardiovascular Imaging, 2014, 7, 97-100.	5.3	14
42	3-Dimensional Transseptal Puncture Based on Electrographic Characteristics of Fossa Ovalis. JACC: Cardiovascular Interventions, 2020, 13, 1223-1232.	2.9	14
43	Epistatic interaction of PDE4DIP and DES mutations in familial atrial fibrillation with slow conduction. Human Mutation, 2021, 42, 1279-1293.	2.5	10
44	Can machine learning complement traditional medical device surveillance? A case-study of dual-chamber implantable cardioverter&ndash;defibrillators. Medical Devices: Evidence and Research, 2017, Volume 10, 165-188.	0.8	9
45	Recurrence quantification analysis of complex&fractionated electrograms differentiates active and passive sites during atrial fibrillation. Journal of Cardiovascular Electrophysiology, 2019, 30, 2229-2238.	1.7	9
46	Longitudinal Outcomes of Subcutaneous or Transvenous Implantable Cardioverter-Defibrillators in Older Patients. Journal of the American College of Cardiology, 2022, 79, 1050-1059.	2.8	9
47	Tricuspid and mitral remodelling in atrial fibrillation: a three-dimensional echocardiographic study. European Heart Journal Cardiovascular Imaging, 2022, 23, 944-955.	1.2	8
48	Epicardial Fat and Atrial Fibrillation: A Review. Journal of Atrial Fibrillation, 2012, 4, 483.	0.5	7
49	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, .	2.2	6
50	Atrial AMP-activated protein kinase is critical for prevention of dysregulation of electrical excitability and atrial fibrillation. JCI Insight, 2022, 7, .	5.0	6
51	Atrial Fibrillation and Thrombogenesis. JACC: Clinical Electrophysiology, 2015, 1, 218-219.	3.2	4
52	Regional heterogeneity in determinants of atrial matrix remodeling and association with atrial fibrillation vulnerability postmyocardial infarction. Heart Rhythm, 2022, , .	0.7	4
53	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.	0.9	4
54	Newly Diagnosed Arrhythmogenic Right Ventricular Dysplasia in an Octogenarian. Journal of Cardiovascular Electrophysiology, 2008, 19, 1316-1318.	1.7	2

#	ARTICLE	IF	CITATIONS
55	Editorial commentary: Virtual medicineâ€”A better reality?. Trends in Cardiovascular Medicine, 2016, 26, 731-732.	4.9	2
56	Atrial Fibrillation Thermographic and Endoscopic Monitoring of Patients: Safety Algorithm for the Esophagus. Circulation: Arrhythmia and Electrophysiology, 2018, 11, e006814.	4.8	2
57	Temporal Trends in Arrhythmogenicity Related to Treatment of COVID-19 Infection. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e008841.	4.8	2
58	Physical activity, patient-reported symptoms, and clinical events: Insights into postprocedural recovery from personal digital devices. Cardiovascular Digital Health Journal, 2021, 2, 212-221.	1.3	2
59	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.	0.9	2
60	New skip parameter to facilitate recurrence quantification of signals comprised of multiple components. Chaos, 2018, 28, 085718.	2.5	1
61	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.	1.5	1
62	Heart Watch Study: protocol for a pragmatic randomised controlled trial. BMJ Open, 2021, 11, e054550.	1.9	1
63	A Fresh Perspective on Atrial Fibrillation â€” . Journal of the American College of Cardiology, 2016, 68, 905-907.	2.8	0
64	Reply to: â€œQT prolongation with hydroxychloroquine and azithromycin for the treatment of COVIDâ€”19: The need for pharmacogenetic insightsâ€œ. Journal of Cardiovascular Electrophysiology, 2020, 31, 2795-2795.	1.7	0
65	Risk of COVID-19 infection after cardiac electrophysiology procedures. Heart Rhythm O2, 2020, 1, 239-242.	1.7	0