

Joseph G Akar

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

59
papers

4,268
citations

28
h-index

65
g-index

72
ext. papers

5,873
ext. citations

5.3
avg, IF

4.86
L-index

#	Paper	IF	Citations
59	Changes in left atrial appendage orifice following percutaneous left atrial appendage closure using three-dimensional echocardiography.. <i>International Journal of Cardiovascular Imaging</i> , 2022 , 1	2.5	0
58	Longitudinal Outcomes of Subcutaneous or Transvenous Implantable Cardioverter-Defibrillators in Older Patients.. <i>Journal of the American College of Cardiology</i> , 2022 , 79, 1050-1059	15.1	1
57	Clinical Outcomes at 1 Year Following Transcatheter Left Atrial Appendage Occlusion in the United States.. <i>JACC: Cardiovascular Interventions</i> , 2022 , 15, 741-750	5	0
56	Worldwide Survey of COVID-19-Associated Arrhythmias. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021 , 14, e009458	6.4	54
55	Epistatic interaction of PDE4DIP and DES mutations in familial atrial fibrillation with slow conduction. <i>Human Mutation</i> , 2021 , 42, 1279-1293	4.7	3
54	Physical activity, patient-reported symptoms, and clinical events: Insights into postprocedural recovery from personal digital devices.. <i>Cardiovascular Digital Health Journal</i> , 2021 , 2, 212-221	2	0
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.. <i>BMJ Surgery, Interventions, and Health Technologies</i> , 2021 , 3, e000089	1.2	1
52	Heart Watch Study: protocol for a pragmatic randomised controlled trial.. <i>BMJ Open</i> , 2021 , 11, e054550	3	0
51	Enhanced electrocardiographic monitoring of patients with Coronavirus Disease 2019. <i>Heart Rhythm</i> , 2020 , 17, 1417-1422	6.7	31
50	Incidence and determinants of QT interval prolongation in COVID-19 patients treated with hydroxychloroquine and azithromycin. <i>Journal of Cardiovascular Electrophysiology</i> , 2020 , 31, 1904-1907	2.7	21
49	Understanding tricuspid valve remodelling in atrial fibrillation using three-dimensional echocardiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 747-755	4.1	16
48	Aggregating multiple real-world data sources using a patient-centered health-data-sharing platform. <i>Npj Digital Medicine</i> , 2020 , 3, 60	15.7	22
47	The NCDR Left Atrial Appendage Occlusion Registry. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 1503-1518	15.1	92
46	Predictors of Cardiac Perforation With Catheter Ablation of Atrial Fibrillation. <i>JACC: Clinical Electrophysiology</i> , 2020 , 6, 636-645	4.6	13
45	Risk of COVID-19 infection after cardiac electrophysiology procedures. <i>Heart Rhythm O2</i> , 2020 , 1, 239-242	5	5
44	Catheter-related complications and mortality of atrial fibrillation ablation following introduction of contact force-sensing technology.. <i>BMJ Surgery, Interventions, and Health Technologies</i> , 2020 , 2, e000058	1.2	0
43	3-Dimensional Transseptal Puncture Based on Electrographic Characteristics of Fossa Ovalis: A Fluoroscopy-Free and Echocardiography-Free Method. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 1223-1232	5	4

42	Reply to: "QT prolongation with hydroxychloroquine and azithromycin for the treatment of COVID-19: The need for pharmacogenetic insights". <i>Journal of Cardiovascular Electrophysiology</i> , 2020 , 31, 2795	2.7	
41	Temporal Trends in Arrhythmogenicity Related to Treatment of COVID-19 Infection. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020 , 13, e008841	6.4	2
40	Outcomes and costs of remote patient monitoring among patients with implanted cardiac defibrillators: An economic model based on the PREDICT RM database. <i>Journal of Cardiovascular Electrophysiology</i> , 2019 , 30, 1066-1077	2.7	9
39	Recurrence quantification analysis of complex-fractionated electrograms differentiates active and passive sites during atrial fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2019 , 30, 2229-2238	2.7	3
38	Luminal esophageal temperature monitoring to reduce esophageal thermal injury during catheter ablation for atrial fibrillation: A review. <i>Trends in Cardiovascular Medicine</i> , 2019 , 29, 264-271	6.9	19
37	Ventricular Fibrillation Conversion Testing After Implantation of a Subcutaneous Implantable Cardioverter Defibrillator: Report From the National Cardiovascular Data Registry. <i>Circulation</i> , 2018 , 137, 2463-2477	16.7	28
36	2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation. <i>Europace</i> , 2018 , 20, e1-e160	3.9	461
35	2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation: Executive summary. <i>Europace</i> , 2018 , 20, 157-208	3.9	227
34	Proposed Standardized Neurological Endpoints for Cardiovascular Clinical Trials: An Academic Research Consortium Initiative. <i>European Heart Journal</i> , 2018 , 39, 1687-1697	9.5	19
33	Arrhythmias after left ventricular assist device implantation: Incidence and management. <i>Trends in Cardiovascular Medicine</i> , 2018 , 28, 41-50	6.9	24
32	Atrial Fibrillation Thermographic and Endoscopic Monitoring of Patients: Safety Algorithm for the Esophagus: AF TEMP-SAFE Study. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018 , 11, e006814	6.4	2
31	New skip parameter to facilitate recurrence quantification of signals comprised of multiple components. <i>Chaos</i> , 2018 , 28, 085718	3.3	1
30	EHRA/HRS/APHRS/SOLAECE expert consensus on atrial cardiomyopathies: Definition, characterization, and clinical implication. <i>Heart Rhythm</i> , 2017 , 14, e3-e40	6.7	138
29	National Trends in Atrial Fibrillation Hospitalization, Readmission, and Mortality for Medicare Beneficiaries, 1999-2013. <i>Circulation</i> , 2017 , 135, 1227-1239	16.7	70
28	Application of Whole Exome Sequencing in the Clinical Diagnosis and Management of Inherited Cardiovascular Diseases in Adults. <i>Circulation: Cardiovascular Genetics</i> , 2017 , 10,		35
27	Proposed Standardized Neurological Endpoints for Cardiovascular Clinical Trials: An Academic Research Consortium Initiative. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 679-691	15.1	69
26	Addition of Blood Pressure and Weight Transmissions to Standard Remote Monitoring of Implantable Defibrillators and its Association with Mortality and Rehospitalization. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2017 , 10,	5.8	4
25	2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation: Executive summary. <i>Journal of Arrhythmia</i> , 2017 , 33, 369-409	1.5	148

24	Can machine learning complement traditional medical device surveillance? A case study of dual-chamber implantable cardioverter-defibrillators. <i>Medical Devices: Evidence and Research</i> , 2017 , 10, 165-188	1.5	7
23	Oxidative stress and inflammation as central mediators of atrial fibrillation in obesity and diabetes. <i>Cardiovascular Diabetology</i> , 2017 , 16, 120	8.7	171
22	2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation: executive summary. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2017 , 50, 1-55	2.4	58
21	2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation: Executive summary. <i>Heart Rhythm</i> , 2017 , 14, e445-e494	6.7	72
20	A method for quantifying recurrent patterns of local wavefront direction during atrial fibrillation. <i>Computers in Biology and Medicine</i> , 2017 , 89, 497-504	7	10
19	EHRA/HRS/APHRS/SOLAECE expert consensus on atrial cardiomyopathies: definition, characterization, and clinical implication. <i>Europace</i> , 2016 , 18, 1455-1490	3.9	268
18	EHRA/HRS/APHRS/SOLAECE expert consensus on Atrial cardiomyopathies: Definition, characterisation, and clinical implication. <i>Journal of Arrhythmia</i> , 2016 , 32, 247-78	1.5	59
17	Determinants of Time in Therapeutic Range in Patients Receiving Oral Anticoagulants (A Substudy of IMPACT). <i>American Journal of Cardiology</i> , 2016 , 118, 1680-1684	3	15
16	HRS Expert Consensus Statement on remote interrogation and monitoring for cardiovascular implantable electronic devices. <i>Heart Rhythm</i> , 2015 , 12, e69-100	6.7	299
15	Randomized trial of atrial arrhythmia monitoring to guide anticoagulation in patients with implanted defibrillator and cardiac resynchronization devices. <i>European Heart Journal</i> , 2015 , 36, 1660-8	9.5	234
14	LKB1 deletion causes early changes in atrial channel expression and electrophysiology prior to atrial fibrillation. <i>Cardiovascular Research</i> , 2015 , 108, 197-208	9.9	20
13	Use of Remote Monitoring Is Associated With Lower Risk of Adverse Outcomes Among Patients With Implanted Cardiac Defibrillators. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015 , 8, 1173-80	6.4	40
12	Heart Rythm Society expert consensus statement on electrophysiology laboratory standards: process, protocols, equipment, personnel, and safety. <i>Heart Rhythm</i> , 2014 , 11, e9-51	6.7	54
11	3D real-time intracardiac echocardiographic visualization of atrial structures relevant to atrial fibrillation ablation. <i>JACC: Cardiovascular Imaging</i> , 2014 , 7, 97-100	8.4	11
10	Use of remote monitoring of newly implanted cardioverter-defibrillators: insights from the patient related determinants of ICD remote monitoring (PREDICT RM) study. <i>Circulation</i> , 2013 , 128, 2372-83	16.7	53
9	Use of intracardiac echocardiography during atrial fibrillation ablation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2013 , 36, 781-8	1.6	34
8	Epicardial Fat and Atrial Fibrillation: A Review. <i>Journal of Atrial Fibrillation</i> , 2012 , 4, 483	0.8	3
7	Pericardial fat is independently associated with human atrial fibrillation. <i>Journal of the American College of Cardiology</i> , 2010 , 56, 784-8	15.1	258

6	Acute onset human atrial fibrillation is associated with local cardiac platelet activation and endothelial dysfunction. <i>Journal of the American College of Cardiology</i> , 2008 , 51, 1790-3	15.1	102
5	Endothelial dysfunction in heart failure identifies responders to cardiac resynchronization therapy. <i>Heart Rhythm</i> , 2008 , 5, 1229-35	6.7	30
4	Newly diagnosed arrhythmogenic right ventricular dysplasia in an octogenarian. <i>Journal of Cardiovascular Electrophysiology</i> , 2008 , 19, 1316-8	2.7	1
3	Surface electrocardiographic patterns and electrophysiologic characteristics of atrial flutter following modified radiofrequency MAZE procedures. <i>Journal of Cardiovascular Electrophysiology</i> , 2007 , 18, 349-55	2.7	29
2	Effect of heating on pulmonary veins: how to avoid pulmonary vein stenosis. <i>Journal of Cardiovascular Electrophysiology</i> , 2003 , 14, 250-4	2.7	40
1	Aggregating Multiple Real-World Data Sources using a Patient-Centered Health Data Sharing Platform: an 8-week Cohort Study among Patients Undergoing Bariatric Surgery or Catheter Ablation of Atrial Fibrillation		2