

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	2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation. <i>Heart Rhythm</i> , 2017, 14, e275-e444.	0.3	1,671
2	2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation. <i>Europace</i> , 2018, 20, e1-e160.	0.7	767
3	EHRA/HRS/APHRS/SOLAECE expert consensus on atrial cardiomyopathies: definition, characterization, and clinical implication. <i>Europace</i> , 2016, 18, 1455-1490.	0.7	471
4	HRS Expert Consensus Statement on remote interrogation and monitoring for cardiovascular implantable electronic devices. <i>Heart Rhythm</i> , 2015, 12, e69-e100.	0.3	449
5	EHRA/HRS/APHRS/SOLAECE expert consensus on atrial cardiomyopathies: Definition, characterization, and clinical implication. <i>Heart Rhythm</i> , 2017, 14, e3-e40.	0.3	442
6	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.	0.7	375
7	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.	0.5	348
8	Pericardial Fat Is Independently Associated With Human Atrial Fibrillation. <i>Journal of the American College of Cardiology</i> , 2010, 56, 784-788.	1.2	330
9	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, 1660-1668.	1.0	329
10	Oxidative stress and inflammation as central mediators of atrial fibrillation in obesity and diabetes. <i>Cardiovascular Diabetology</i> , 2017, 16, 120.	2.7	303
11	The NCDR Left Atrial Appendage Occlusion Registry. <i>Journal of the American College of Cardiology</i> , 2020, 75, 1503-1518.	1.2	237
12	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.	0.3	135
13	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, 1790-1793.	1.2	129
14	Worldwide Survey of COVID-19 Associated Arrhythmias. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021, 14, e009458.	2.1	127
15	National Trends in Atrial Fibrillation Hospitalization, Readmission, and Mortality for Medicare Beneficiaries, 1999-2013. <i>Circulation</i> , 2017, 135, 1227-1239.	1.6	110
16	Proposed Standardized Neurological Endpoints for Cardiovascular Clinical Trials. <i>Journal of the American College of Cardiology</i> , 2017, 69, 679-691.	1.2	110
17	EHRA/HRS/APHRS/SOLAECE expert consensus on Atrial cardiomyopathies: Definition, characterisation, and clinical implication. <i>Journal of Arrhythmia</i> , 2016, 32, 247-278.	0.5	92
18	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.	0.6	83

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19	Heart Rhythm Society Expert Consensus Statement on Electrophysiology Laboratory Standards: Process, Protocols, Equipment, Personnel, and Safety. <i>Heart Rhythm</i> , 2014, 11, e9-e51.	0.3	73
20	Use of Remote Monitoring of Newly Implanted Cardioverter-Defibrillators. <i>Circulation</i> , 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. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 1173-1180.	2.1	56
22	Application of Whole Exome Sequencing in the Clinical Diagnosis and Management of Inherited Cardiovascular Diseases in Adults. <i>Circulation: Cardiovascular Genetics</i> , 2017, 10, .	5.1	55
23	Aggregating multiple real-world data sources using a patient-centered health-data-sharing platform. <i>Npj Digital Medicine</i> , 2020, 3, 60.	5.7	51
24	Effect of Heating on Pulmonary Veins. <i>Journal of Cardiovascular Electrophysiology</i> , 2003, 14, 250-254.	0.8	46
25	Use of Intracardiac Echocardiography during Atrial Fibrillation Ablation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2013, 36, 781-788.	0.5	44
26	Arrhythmias after left ventricular assist device implantation: Incidence and management. <i>Trends in Cardiovascular Medicine</i> , 2018, 28, 41-50.	2.3	41
27	Proposed Standardized Neurological Endpoints for Cardiovascular Clinical Trials. <i>European Heart Journal</i> , 2018, 39, 1687-1697.	1.0	38
28	Enhanced electrocardiographic monitoring of patients with Coronavirus Disease 2019. <i>Heart Rhythm</i> , 2020, 17, 1417-1422.	0.3	37
29	Surface Electrocardiographic Patterns and Electrophysiologic Characteristics of Atrial Flutter Following Modified Radiofrequency MAZE Procedures. <i>Journal of Cardiovascular Electrophysiology</i> , 2007, 18, 349-355.	0.8	36
30	Predictors of Cardiac Perforation With Catheter Ablation of Atrial Fibrillation. <i>JACC: Clinical Electrophysiology</i> , 2020, 6, 636-645.	1.3	36
31	Endothelial dysfunction in heart failure identifies responders to cardiac resynchronization therapy. <i>Heart Rhythm</i> , 2008, 5, 1229-1235.	0.3	35
32	Understanding tricuspid valve remodelling in atrial fibrillation using three-dimensional echocardiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 747-755.	0.5	35
33	Ventricular Fibrillation Conversion Testing After Implantation of a Subcutaneous Implantable Cardioverter Defibrillator. <i>Circulation</i> , 2018, 137, 2463-2477.	1.6	34
34	LKB1 deletion causes early changes in atrial channel expression and electrophysiology prior to atrial fibrillation. <i>Cardiovascular Research</i> , 2015, 108, 197-208.	1.8	31
35	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.	0.8	30
36	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.	2.3	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.	3.9	19
38	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
39	Determinants of Time in Therapeutic Range in Patients Receiving Oral Anticoagulants (A Substudy of) Tj ETQq1 1 0.784314 rgeBT /Ove 0.7 18	0.7	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.	0.8	17
41	3D Real-Time Intracardiac Echocardiographic Visualization of Atrial Structures Relevant to Atrial Fibrillation Ablation. JACC: Cardiovascular Imaging, 2014, 7, 97-100.	2.3	14
42	3-Dimensional Transseptal Puncture Based on Electrographic Characteristics of Fossa Ovalis. JACC: Cardiovascular Interventions, 2020, 13, 1223-1232.	1.1	14
43	Epistatic interaction of PDE4DIP and DES mutations in familial atrial fibrillation with slow conduction. Human Mutation, 2021, 42, 1279-1293.	1.1	10
44	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
45	Recurrence quantification analysis of complex&fractionated electrograms differentiates active and passive sites during atrial fibrillation. Journal of Cardiovascular Electrophysiology, 2019, 30, 2229-2238.	0.8	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.	1.2	9
47	Tricuspid and mitral remodelling in atrial fibrillation: a three-dimensional echocardiographic study. European Heart Journal Cardiovascular Imaging, 2022, 23, 944-955.	0.5	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, .	0.9	6
50	Atrial AMP-activated protein kinase is critical for prevention of dysregulation of electrical excitability and atrial fibrillation. JCI Insight, 2022, 7, .	2.3	6
51	Atrial Fibrillation and Thrombogenesis. JACC: Clinical Electrophysiology, 2015, 1, 218-219.	1.3	4
52	Regional heterogeneity in determinants of atrial matrix remodeling and association with atrial fibrillation vulnerability postmyocardial infarction. Heart Rhythm, 2022, , .	0.3	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.	0.6	4
54	Newly Diagnosed Arrhythmogenic Right Ventricular Dysplasia in an Octogenarian. Journal of Cardiovascular Electrophysiology, 2008, 19, 1316-1318.	0.8	2

#	ARTICLE	IF	CITATIONS
55	Editorial commentary: Virtual medicineâ€”A better reality?. Trends in Cardiovascular Medicine, 2016, 26, 731-732.	2.3	2
56	Atrial Fibrillation Thermographic and Endoscopic Monitoring of Patients: Safety Algorithm for the Esophagus. Circulation: Arrhythmia and Electrophysiology, 2018, 11, e006814.	2.1	2
57	Temporal Trends in Arrhythmogenicity Related to Treatment of COVID-19 Infection. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e008841.	2.1	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.	0.5	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.	0.6	2
60	New skip parameter to facilitate recurrence quantification of signals comprised of multiple components. Chaos, 2018, 28, 085718.	1.0	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.	0.7	1
62	Heart Watch Study: protocol for a pragmatic randomised controlled trial. BMJ Open, 2021, 11, e054550.	0.8	1
63	A Fresh Perspective on Atrial Fibrillation â€” . Journal of the American College of Cardiology, 2016, 68, 905-907.	1.2	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.	0.8	0
65	Risk of COVID-19 infection after cardiac electrophysiology procedures. Heart Rhythm O2, 2020, 1, 239-242.	0.6	0