

# Fadi G Akar

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/1986712/fadi-g-akar-publications-by-year.pdf>

**Version:** 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

27  
papers

1,664  
citations

15  
h-index

37  
g-index

37  
ext. papers

1,917  
ext. citations

8.5  
avg, IF

4.49  
L-index

#	Paper	IF	Citations
27	NAD Repletion Therapy: A Silver Bullet for HFpEF?. <i>Circulation Research</i> , <b>2021</b> , 128, 1642-1645	15.7	2
26	Impaired Right Ventricular Calcium Cycling Is an Early Risk Factor in R14del-Phospholamban Arrhythmias. <i>Journal of Personalized Medicine</i> , <b>2021</b> , 11,	3.6	2
25	Arrhythmia Mechanism and Dynamics in a Humanized Mouse Model of Inherited Cardiomyopathy Caused by Phospholamban R14del Mutation. <i>Circulation</i> , <b>2021</b> , 144, 441-454	16.7	2
24	Cardiomyocyte-Specific STIM1 (Stromal Interaction Molecule 1) Depletion in the Adult Heart Promotes the Development of Arrhythmogenic Discordant Alternans. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2019</b> , 12, e007382	6.4	10
23	Recurrence quantification analysis of complex-fractionated electrograms differentiates active and passive sites during atrial fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2019</b> , 30, 2229-2238	2.7	3
22	Renewal Theory as a Universal Quantitative Framework to Characterize Phase Singularity Regeneration in Mammalian Cardiac Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2019</b> , 12, e007569	6.4	17
21	Intra-tracheal gene delivery of aerosolized SERCA2a to the lung suppresses ventricular arrhythmias in a model of pulmonary arterial hypertension. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2019</b> , 127, 20-30	5.8	18
20	Acute Left Ventricular Unloading Reduces Atrial Stretch and Inhibits Atrial Arrhythmias. <i>Journal of the American College of Cardiology</i> , <b>2018</b> , 72, 738-750	15.1	17
19	Optical Action Potential Mapping in Acute Models of Ischemia-Reperfusion Injury: Probing the Arrhythmogenic Role of the Mitochondrial Translocator Protein. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1816, 133-143	1.4	3
18	The Mitochondrial Translocator Protein and the Emerging Link Between Oxidative Stress and Arrhythmias in the Diabetic Heart. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 1518	4.6	12
17	Protein Phosphatase Inhibitor-1 Gene Therapy in a Swine Model of Nonischemic Heart Failure. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 70, 1744-1756	15.1	22
16	Oxidative stress and inflammation as central mediators of atrial fibrillation in obesity and diabetes. <i>Cardiovascular Diabetology</i> , <b>2017</b> , 16, 120	8.7	171
15	Increased afterload following myocardial infarction promotes conduction-dependent arrhythmias that are unmasked by hypokalemia. <i>JACC Basic To Translational Science</i> , <b>2017</b> , 2, 258-269	8.7	15
14	Commentary: Atrial Fibrillation Dynamics and Ionic Block Effects in Six Heterogeneous Human 3D Virtual Atria with Distinct Repolarization Dynamics. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2017</b> , 5, 59	5.8	
13	Reducing mitochondrial bound hexokinase II mediates transition from non-injurious into injurious ischemia/reperfusion of the intact heart. <i>Journal of Physiology and Biochemistry</i> , <b>2016</b> , 73, 323-333	5	13
12	LKB1 deletion causes early changes in atrial channel expression and electrophysiology prior to atrial fibrillation. <i>Cardiovascular Research</i> , <b>2015</b> , 108, 197-208	9.9	20
11	The Classically Cardioprotective Agent Diazoxide Elicits Arrhythmias in Type 2 Diabetes Mellitus. <i>Journal of the American College of Cardiology</i> , <b>2015</b> , 66, 1144-1156	15.1	15

10	The mitochondrial translocator protein and arrhythmogenesis in ischemic heart disease. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2015</b> , 2015, 234104	6.7	21
9	Gene therapies for arrhythmias in heart failure. <i>Pflugers Archiv European Journal of Physiology</i> , <b>2014</b> , 466, 1211-7	4.6	7
8	Cardiac I-1c overexpression with reengineered AAV improves cardiac function in swine ischemic heart failure. <i>Molecular Therapy</i> , <b>2014</b> , 22, 2038-2045	11.7	53
7	Effect of bortezomib on the efficacy of AAV9.SERCA2a treatment to preserve cardiac function in a rat pressure-overload model of heart failure. <i>Gene Therapy</i> , <b>2014</b> , 21, 379-386	4	18
6	Mitochondrial targets for arrhythmia suppression: is there a role for pharmacological intervention?. <i>Journal of Interventional Cardiac Electrophysiology</i> , <b>2013</b> , 37, 249-58	2.4	8
5	Mitochondria are sources of metabolic sink and arrhythmias. <i>Pharmacology &amp; Therapeutics</i> , <b>2011</b> , 131, 287-94	13.9	50
4	Arrhythmia models: in vivo, in vitro and in silico. <i>Drug Discovery Today: Disease Models</i> , <b>2009</b> , 6, 55-56	1.3	
3	Transmural electrophysiological heterogeneities underlying arrhythmogenesis in heart failure. <i>Circulation Research</i> , <b>2003</b> , 93, 638-45	15.7	238
2	Unique topographical distribution of M cells underlies reentrant mechanism of torsade de pointes in the long-QT syndrome. <i>Circulation</i> , <b>2002</b> , 105, 1247-53	16.7	248
1	Mechanism linking T-wave alternans to the genesis of cardiac fibrillation. <i>Circulation</i> , <b>1999</b> , 99, 1385-94	16.7	674