

# L Joshua Leon

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10656574/publications.pdf>

Version: 2024-02-01

9  
papers

1,049  
citations

1307594

7  
h-index

1474206

9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

909  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatiotemporal evolution of ventricular fibrillation. <i>Nature</i> , 1998, 392, 78-82.	27.8	476
2	Cholinergic Atrial Fibrillation in a Computer Model of a Two-Dimensional Sheet of Canine Atrial Cells With Realistic Ionic Properties. <i>Circulation Research</i> , 2002, 90, E73-87.	4.5	237
3	Mechanisms of Atrial Fibrillation Termination by Pure Sodium Channel Blockade in an Ionically-Realistic Mathematical Model. <i>Circulation Research</i> , 2005, 96, e35-47.	4.5	126
4	Substrate size as a determinant of fibrillatory activity maintenance in a mathematical model of canine atrium. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 289, H1002-H1012.	3.2	103
5	Defibrillation Depends on Conductivity Fluctuations and the Degree of Disorganization in Reentry Patterns. <i>Journal of Cardiovascular Electrophysiology</i> , 2005, 16, 205-216.	1.7	51
6	Development of a computer algorithm for the detection of phase singularities and initial application to analyze simulations of atrial fibrillation. <i>Chaos</i> , 2002, 12, 764-778.	2.5	32
7	A method for visualization of ventricular fibrillation: Design of a cooled fiberoptically coupled image intensified CCD data acquisition system incorporating wavelet shrinkage based adaptive filtering. <i>Chaos</i> , 1998, 8, 94-102.	2.5	22
8	The Shock Energy Required for Successful Defibrillation Depends on the Degree of Disorganization of the Reentrant Activation Pattern. <i>Cardiovascular Engineering (Dordrecht, Netherlands)</i> , 2004, 4, 149-153.	1.0	1
9	Defibrillation Success Is Not Associated With Near Field Electrogram Complexity or Shock Timing. <i>Canadian Journal of Cardiology</i> , 2013, 29, 1126-1133.	1.7	1