

L Joshua Leon

List of Publications by Year in descending order

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