Phani Chinchapatnam

List of Publications by Year
in descending order

13 papers	631 citations	1040056 9 h-index	1281871 11 g-index
14 all docs	14 docs citations	14 times ranked	696 citing authors

#	ARTICLE	IF	CITATIONS
1	Length-dependent tension in the failing heart and the efficacy of cardiac resynchronization therapy. Cardiovascular Research, 2011, 89, 336-343.	3.8	133
2	Coupled personalization of cardiac electrophysiology models for prediction of ischaemic ventricular tachycardia. Interface Focus, 2011, 1, 396-407.	3.0	101
3	Efficient probabilistic model personalization integrating uncertainty on data and parameters: Application to Eikonal-Diffusion models in cardiac electrophysiology. Progress in Biophysics and Molecular Biology, 2011, 107, 134-146.	2.9	78
4	A Simultaneous X-Ray/MRI and Noncontact Mapping Study of the Acute Hemodynamic Effect of Left Ventricular Endocardial and Epicardial Cardiac Resynchronization Therapy in Humans. Circulation: Heart Failure, 2011, 4, 170-179.	3.9	67
5	Model-Based Imaging of Cardiac Apparent Conductivity and Local Conduction Velocity for Diagnosis and Planning of Therapy. IEEE Transactions on Medical Imaging, 2008, 27, 1631-1642.	8.9	63
6	Relationship between endocardial activation sequences defined by high-density mapping to early septal contraction (septal flash) in patients with left bundle branch block undergoing cardiac resynchronization therapy. Europace, 2012, 14, 99-106.	1.7	61
7	An Anisotropic Multi-front Fast Marching Method for Real-Time Simulation of Cardiac Electrophysiology. , 2007, , 160-169.		47
8	Toward Patient-Specific Myocardial Models of the Heart. Heart Failure Clinics, 2008, 4, 289-301.	2.1	34
9	Analyses of the Redistribution of Work following Cardiac Resynchronisation Therapy in a Patient Specific Model. PLoS ONE, 2012, 7, e43504.	2.5	20
10	Personalised Electromechanical Model of the Heart for the Prediction of the Acute Effects of Cardiac Resynchronisation Therapy. Lecture Notes in Computer Science, 2009, , 239-248.	1.3	11
11	Estimation of volumetric myocardial apparent conductivity from endocardial electro-anatomical mapping. , 2009, 2009, 2907-10.		4
12	Voxel Based Adaptive Meshless Method for Cardiac Electrophysiology Simulation. Lecture Notes in Computer Science, 2009, , 182-190.	1.3	4
13	An MRI/CT-based cardiac electroanatomical mapping system with scattered data interpolation algorithm. , 2010, , .		4