Walther H W Schulze

List of Publications by Year
in descending order

16 papers	453 citations	8 h-index	14 g-index
		1163117	1058476

18 all docs	18 docs citations	18 times ranked	701 citing authors

#	ARTICLE	IF	CITATIONS
1	euHeart: personalized and integrated cardiac care using patient-specific cardiovascular modelling. Interface Focus, 2011, 1, 349-364.	3.0	112
2	Comparison of Baseline Wander Removal Techniques considering the Preservation of ST Changes in the Ischemic ECG: A Simulation Study. Computational and Mathematical Methods in Medicine, 2017, 2017, 1-13.	1.3	79
3	Experimental Data and Geometric Analysis Repositoryâ€"EDGAR. Journal of Electrocardiology, 2015, 48, 975-981.	0.9	58
4	First-in-Man Analysis of the Relationship Between Electrical Rotors From Noninvasive Panoramic Mapping and Atrial Fibrosis From Magnetic Resonance Imaging in Patients With Persistent Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2017, 10, .	4.8	41
5	Towards personalized clinical in-silico modeling of atrial anatomy and electrophysiology. Medical and Biological Engineering and Computing, 2013, 51, 1251-1260.	2.8	39
6	Vibroarthrography for early detection of knee osteoarthritis using normalized frequency features. Medical and Biological Engineering and Computing, 2018, 56, 1499-1514.	2.8	37
7	Binary optimization for source localization in the inverse problem of ECG. Medical and Biological Engineering and Computing, 2014, 52, 717-728.	2.8	23
8	ECG-Based Detection of Early Myocardial Ischemia in a Computational Model: Impact of Additional Electrodes, Optimal Placement, and a New Feature for ST Deviation. BioMed Research International, 2015, 2015, 1-11.	1.9	16
9	A framework for personalization of computational models of the human atria. , 2011, 2011, 4324-8.		11
10	ECG imaging of ventricular tachycardia: evaluation against simultaneous non-contact mapping and CMR-derived grey zone. Medical and Biological Engineering and Computing, 2017, 55, 979-990.	2.8	7
11	On the Correctness of the Transmembrane Potential Based Inverse Problem of ECG. , 0, , .		6
12	Clinical applications of image fusion for electrophysiology procedures. , 2012, , .		5
13	Automatic camera-based identification and 3-D reconstruction of electrode positions in electrocardiographic imaging. Biomedizinische Technik, 2014, 59, 515-28.	0.8	4
14	Automatic Electrode and CT/MR Image Co-localisation for Electrocardiographic Imaging. Lecture Notes in Computer Science, 2013, , 268-275.	1.3	2
15	An ideally parameterized unscented Kalman filter for the inverse problem of electrocardiography. Current Directions in Biomedical Engineering, 2015, 1, 395-399.	0.4	1
16	Determination of the excitation origin in the ventricles from the ECG using support vector regression. Current Directions in Biomedical Engineering, 2017, 3, 257-260.	0.4	0