Tomos E Walters

List of Publications by Year
in descending order

44 papers	1,449 citations	361413 20 h-index	330143 37 g-index
46 all docs	46 docs citations	46 times ranked	2346 citing authors

#	Article	IF	Citations
1	A Randomized, Double-Blind, Placebo-Controlled Trial of Intravenous Alcohol to Assess Changes in AtrialÂElectrophysiology. JACC: Clinical Electrophysiology, 2021, 7, 662-670.	3.2	26
2	The Role of the Left Septal Fascicle in Fascicular Arrhythmias. JACC: Clinical Electrophysiology, 2021, 7, 858-870.	3.2	3
3	Performance of a Convolutional Neural Network and Explainability Technique for 12-Lead Electrocardiogram Interpretation. JAMA Cardiology, 2021, 6, 1285.	6.1	60
4	Standard peak-to-peak bipolar voltage amplitude criteria underestimate myocardial scar during substrate mapping with a novel microelectrode catheter. Heart Rhythm, 2020, 17, 476-484.	0.7	5
5	Site-Specific Epicardium-to-Endocardium Dissociation of ElectricalÂActivation in a Swine Model of Atrial Fibrillation. JACC: Clinical Electrophysiology, 2020, 6, 830-845.	3.2	9
6	Electrophysiologic approach to diagnosis and ablation of patients with permanent junctional reciprocating tachycardia associated with complex anatomy and/or physiology. Journal of Cardiovascular Electrophysiology, 2020, 31, 3232-3242.	1.7	7
7	Dyssynchrony and Fibrosis Persist After Resolution of Cardiomyopathy in a Swine Premature Ventricular Contraction Model. JACC: Clinical Electrophysiology, 2020, 6, 1367-1376.	3.2	13
8	Endocardial-Epicardial Phase Mapping of Prolonged Persistent Atrial Fibrillation Recordings. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e008512.	4.8	22
9	Variable Presentations and Ablation Sites for Manifest Nodoventricular/Nodofascicular Fibers. Circulation: Arrhythmia and Electrophysiology, 2019, 12, e007337.	4.8	15
10	Intracardiac Echocardiography, Computed Cardiac Tomography, and Magnetic Resonance Imaging for Guiding Mapping and Ablation. , 2019, , 126-142.e6.		0
11	Atrial Tachycardia Arising From theÂCristaÂTerminalis, Detailed Electrophysiological Features and Long-Term Ablation Outcomes. JACC: Clinical Electrophysiology, 2019, 5, 448-458.	3.2	21
12	Symptom severity and quality of life in patients with atrial fibrillation: Psychological function outweighs clinical predictors. International Journal of Cardiology, 2019, 279, 84-89.	1.7	22
13	Frequent Ventricular Ectopy: Implications and Outcomes. Heart Lung and Circulation, 2019, 28, 178-190.	0.4	22
14	Absence of rotational activity detected using 2-dimensional phase mapping in the corresponding 3-dimensional phase maps in human persistent atrial fibrillation. Heart Rhythm, 2018, 15, 182-192.	0.7	20
15	Transient Rotor Activity During ProlongedÂ3-Dimensional PhaseÂMapping in Human Persistent AtrialÂFibrillation. JACC: Clinical Electrophysiology, 2018, 4, 72-83.	3.2	15
16	Left Ventricular Dyssynchrony Predicts the Cardiomyopathy Associated With Premature Ventricular Contractions. Journal of the American College of Cardiology, 2018, 72, 2870-2882.	2.8	69
17	Psychological Distress and Suicidal Ideation in Patients With Atrial Fibrillation: Prevalence and Response to Management Strategy. Journal of the American Heart Association, 2018, 7, e005502.	3.7	34
18	Surface ECG and intracardiac spectral measures predict atrial fibrillation recurrence after catheter ablation. Journal of Cardiovascular Electrophysiology, 2018, 29, 1371-1378.	1.7	15

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19	Angiotensin converting enzyme 2 activity and human atrial fibrillation: increased plasma angiotensin converting enzyme 2 activity is associated with atrial fibrillation and more advanced left atrial structural remodelling. Europace, 2017, 19, euw246.	1.7	138
20	Amiodarone for Suppression of Ventricular Tachycardia. JACC: Clinical Electrophysiology, 2017, 3, 512-513.	3.2	0
21	Atrial fibrillation patients with isolated pulmonary veins: Is sinus rhythm achievable?. Journal of Cardiovascular Electrophysiology, 2017, 28, 754-761.	1.7	8
22	Feasibility of Rapid Linear-Endocardial and Epicardial Ventricular Ablation Using an Irrigated Multipolar Radiofrequency Ablation Catheter. Circulation: Arrhythmia and Electrophysiology, 2017, 10, .	4.8	7
23	Isolation of the posterior left atrium for patients with persistent atrial fibrillation: routine adenosine challenge for dormant posterior left atrial conduction improves long-term outcome. Europace, 2017, 19, 1958-1966.	1.7	29
24	The effect of electrode density on the interpretation of atrial activation patterns in epicardial mapping of human persistent atrial fibrillation. Heart Rhythm, 2016, 13, 1215-1220.	0.7	17
25	Current Treatment Strategies for Heart Failure: Role of Device Therapy and LV Reconstruction. Current Treatment Options in Cardiovascular Medicine, 2016, 18, 57.	0.9	10
26	Progression of atrial remodeling in patients with high-burden atrial fibrillation: Implications for early ablative intervention. Heart Rhythm, 2016, 13, 331-339.	0.7	87
27	Human Persistent Atrial Fibrillation Is Maintained by Rotors. Circulation: Arrhythmia and Electrophysiology, 2015, 8, 517-519.	4.8	6
28	Temporal Stability of Rotors and Atrial Activation Patterns in Persistent HumanÂAtrial Fibrillation. JACC: Clinical Electrophysiology, 2015, 1, 14-24.	3.2	23
29	A minimal or maximal ablation strategy to achieve pulmonary vein isolation for paroxysmal atrial fibrillation: a prospective multi-centre randomized controlled trial (the Minimax study). European Heart Journal, 2015, 36, 1812-1821.	2.2	45
30	The Role of Left Atrial Imaging in the Management of Atrial Fibrillation. Progress in Cardiovascular Diseases, 2015, 58, 136-151.	3.1	21
31	Atrial Structure and Function and its Implications for Current and Emerging Treatments for Atrial Fibrillation. Progress in Cardiovascular Diseases, 2015, 58, 152-167.	3.1	20
32	Acute Atrial Stretch Results in Conduction Slowing and Complex Signals at the Pulmonary Vein to Left Atrial Junction. Circulation: Arrhythmia and Electrophysiology, 2014, 7, 1189-1197.	4.8	51
33	Absence of Genderâ€Based Differences in the Atrial and Pulmonary Vein Substrate: A Detailed Electroanatomic Mapping Study. Journal of Cardiovascular Electrophysiology, 2014, 25, 1065-1070.	1.7	17
34	Development of Atrial Fibrillation After Atrial Flutter Ablation: More a Question of When Than Whether. Journal of Cardiovascular Electrophysiology, 2014, 25, 821-823.	1.7	0
35	Relationship between the electrocardiographic atrial fibrillation cycle length and left atrial remodeling: A detailed electroanatomic mapping study. Heart Rhythm, 2014, 11, 670-676.	0.7	10
36	Pulmonary vein isolation: The impact of pulmonary venous anatomy on long-term outcome of catheter ablation for paroxysmal atrial fibrillation. Heart Rhythm, 2014, 11, 549-556.	0.7	70

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37	Ten-year trends in the use of catheter ablation for treatment of atrial fibrillation vs. the use of coronary intervention for the treatment of ischaemic heart disease in Australia. Europace, 2013, 15, 1702-1709.	1.7	60
38	Impact of collimation on radiation exposure during interventional electrophysiology. Europace, 2012, 14, 1670-1673.	1.7	22
39	Radiofrequency Ablation for Atrial Tachycardia and Atrial Flutter. Heart Lung and Circulation, 2012, 21, 386-394.	0.4	23
40	Implantable cardioverterâ€defibrillator failure unmasked by a â€œluckyâ€•shock. Journal of Arrhythmia, 2012, 28, 254-257.	1.2	2
41	Comparison of Sequence Analysis and a Novel Discriminatory Real-Time PCR Assay for Detection and Quantification of Lamivudine-Resistant Hepatitis B Virus Strains. Journal of Clinical Microbiology, 2004, 42, 3809-3812.	3.9	22
42	Hepatitis B treatment: rational combination chemotherapy based on viral kinetic and animal model studies. Antiviral Research, 2002, 55, 381-396.	4.1	49
43	Restoration of Replication Phenotype of Lamivudine-Resistant Hepatitis B Virus Mutants by Compensatory Changes in the â€œFingersâ€•Subdomain of the Viral Polymerase Selected as a Consequence of Mutations in the Overlapping S Gene. Virology, 2002, 299, 88-99.	2.4	133
44	Analysis of hepatitis B viral load decline under potent therapy: Complex decay profiles observed. Hepatology, 2001, 34, 1012-1020.	7.3	201