

Tomos E Walters

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

1,449
citations

361413

20
h-index

330143

37
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46
all docs

46
docs citations

46
times ranked

2346
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of hepatitis B viral load decline under potent therapy: Complex decay profiles observed. <i>Hepatology</i> , 2001, 34, 1012-1020.	7.3	201
2	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. <i>Europace</i> , 2017, 19, euw246.	1.7	138
3	Restoration of Replication Phenotype of Lamivudine-Resistant Hepatitis B Virus Mutants by Compensatory Changes in the "Fingers" Subdomain of the Viral Polymerase Selected as a Consequence of Mutations in the Overlapping S Gene. <i>Virology</i> , 2002, 299, 88-99.	2.4	133
4	Progression of atrial remodeling in patients with high-burden atrial fibrillation: Implications for early ablative intervention. <i>Heart Rhythm</i> , 2016, 13, 331-339.	0.7	87
5	Pulmonary vein isolation: The impact of pulmonary venous anatomy on long-term outcome of catheter ablation for paroxysmal atrial fibrillation. <i>Heart Rhythm</i> , 2014, 11, 549-556.	0.7	70
6	Left Ventricular Dyssynchrony Predicts the Cardiomyopathy Associated With Premature Ventricular Contractions. <i>Journal of the American College of Cardiology</i> , 2018, 72, 2870-2882.	2.8	69
7	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. <i>Europace</i> , 2013, 15, 1702-1709.	1.7	60
8	Performance of a Convolutional Neural Network and Explainability Technique for 12-Lead Electrocardiogram Interpretation. <i>JAMA Cardiology</i> , 2021, 6, 1285.	6.1	60
9	Acute Atrial Stretch Results in Conduction Slowing and Complex Signals at the Pulmonary Vein to Left Atrial Junction. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2014, 7, 1189-1197.	4.8	51
10	Hepatitis B treatment: rational combination chemotherapy based on viral kinetic and animal model studies. <i>Antiviral Research</i> , 2002, 55, 381-396.	4.1	49
11	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). <i>European Heart Journal</i> , 2015, 36, 1812-1821.	2.2	45
12	Psychological Distress and Suicidal Ideation in Patients With Atrial Fibrillation: Prevalence and Response to Management Strategy. <i>Journal of the American Heart Association</i> , 2018, 7, e005502.	3.7	34
13	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. <i>Europace</i> , 2017, 19, 1958-1966.	1.7	29
14	A Randomized, Double-Blind, Placebo-Controlled Trial of Intravenous Alcohol to Assess Changes in Atrial Electrophysiology. <i>JACC: Clinical Electrophysiology</i> , 2021, 7, 662-670.	3.2	26
15	Radiofrequency Ablation for Atrial Tachycardia and Atrial Flutter. <i>Heart Lung and Circulation</i> , 2012, 21, 386-394.	0.4	23
16	Temporal Stability of Rotors and Atrial Activation Patterns in Persistent Human Atrial Fibrillation. <i>JACC: Clinical Electrophysiology</i> , 2015, 1, 14-24.	3.2	23
17	Comparison of Sequence Analysis and a Novel Discriminatory Real-Time PCR Assay for Detection and Quantification of Lamivudine-Resistant Hepatitis B Virus Strains. <i>Journal of Clinical Microbiology</i> , 2004, 42, 3809-3812.	3.9	22
18	Impact of collimation on radiation exposure during interventional electrophysiology. <i>Europace</i> , 2012, 14, 1670-1673.	1.7	22

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19	Symptom severity and quality of life in patients with atrial fibrillation: Psychological function outweighs clinical predictors. <i>International Journal of Cardiology</i> , 2019, 279, 84-89.	1.7	22
20	Frequent Ventricular Ectopy: Implications and Outcomes. <i>Heart Lung and Circulation</i> , 2019, 28, 178-190.	0.4	22
21	Endocardial-Epicardial Phase Mapping of Prolonged Persistent Atrial Fibrillation Recordings. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e008512.	4.8	22
22	The Role of Left Atrial Imaging in the Management of Atrial Fibrillation. <i>Progress in Cardiovascular Diseases</i> , 2015, 58, 136-151.	3.1	21
23	Atrial Tachycardia Arising From the Crista Terminalis, Detailed Electrophysiological Features and Long-Term Ablation Outcomes. <i>JACC: Clinical Electrophysiology</i> , 2019, 5, 448-458.	3.2	21
24	Atrial Structure and Function and its Implications for Current and Emerging Treatments for Atrial Fibrillation. <i>Progress in Cardiovascular Diseases</i> , 2015, 58, 152-167.	3.1	20
25	Absence of rotational activity detected using 2-dimensional phase mapping in the corresponding 3-dimensional phase maps in human persistent atrial fibrillation. <i>Heart Rhythm</i> , 2018, 15, 182-192.	0.7	20
26	Absence of Gender-Based Differences in the Atrial and Pulmonary Vein Substrate: A Detailed Electroanatomic Mapping Study. <i>Journal of Cardiovascular Electrophysiology</i> , 2014, 25, 1065-1070.	1.7	17
27	The effect of electrode density on the interpretation of atrial activation patterns in epicardial mapping of human persistent atrial fibrillation. <i>Heart Rhythm</i> , 2016, 13, 1215-1220.	0.7	17
28	Transient Rotor Activity During Prolonged 3-Dimensional Phase Mapping in Human Persistent Atrial Fibrillation. <i>JACC: Clinical Electrophysiology</i> , 2018, 4, 72-83.	3.2	15
29	Surface ECG and intracardiac spectral measures predict atrial fibrillation recurrence after catheter ablation. <i>Journal of Cardiovascular Electrophysiology</i> , 2018, 29, 1371-1378.	1.7	15
30	Variable Presentations and Ablation Sites for Manifest Nodoventricular/Nodofascicular Fibers. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019, 12, e007337.	4.8	15
31	Dyssynchrony and Fibrosis Persist After Resolution of Cardiomyopathy in a Swine Premature Ventricular Contraction Model. <i>JACC: Clinical Electrophysiology</i> , 2020, 6, 1367-1376.	3.2	13
32	Relationship between the electrocardiographic atrial fibrillation cycle length and left atrial remodeling: A detailed electroanatomic mapping study. <i>Heart Rhythm</i> , 2014, 11, 670-676.	0.7	10
33	Current Treatment Strategies for Heart Failure: Role of Device Therapy and LV Reconstruction. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2016, 18, 57.	0.9	10
34	Site-Specific Epicardium-to-Endocardium Dissociation of Electrical Activation in a Swine Model of Atrial Fibrillation. <i>JACC: Clinical Electrophysiology</i> , 2020, 6, 830-845.	3.2	9
35	Atrial fibrillation patients with isolated pulmonary veins: Is sinus rhythm achievable?. <i>Journal of Cardiovascular Electrophysiology</i> , 2017, 28, 754-761.	1.7	8
36	Feasibility of Rapid Linear-Endocardial and Epicardial Ventricular Ablation Using an Irrigated Multipolar Radiofrequency Ablation Catheter. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2017, 10, .	4.8	7

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37	Electrophysiologic approach to diagnosis and ablation of patients with permanent junctional reciprocating tachycardia associated with complex anatomy and/or physiology. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 3232-3242.	1.7	7
38	Human Persistent Atrial Fibrillation Is Maintained by Rotors. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 517-519.	4.8	6
39	Standard peak-to-peak bipolar voltage amplitude criteria underestimate myocardial scar during substrate mapping with a novel microelectrode catheter. <i>Heart Rhythm</i> , 2020, 17, 476-484.	0.7	5
40	The Role of the Left Septal Fascicle in Fascicular Arrhythmias. <i>JACC: Clinical Electrophysiology</i> , 2021, 7, 858-870.	3.2	3
41	Implantable cardioverter-defibrillator failure unmasked by a "lucky" shock. <i>Journal of Arrhythmia</i> , 2012, 28, 254-257.	1.2	2
42	Development of Atrial Fibrillation After Atrial Flutter Ablation: More a Question of When Than Whether. <i>Journal of Cardiovascular Electrophysiology</i> , 2014, 25, 821-823.	1.7	0
43	Amiodarone for Suppression of Ventricular Tachycardia. <i>JACC: Clinical Electrophysiology</i> , 2017, 3, 512-513.	3.2	0
44	Intracardiac Echocardiography, Computed Cardiac Tomography, and Magnetic Resonance Imaging for Guiding Mapping and Ablation. , 2019, , 126-142.e6.		0