

# Antony J Workman

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

1,027  
citations

567281

15  
h-index

713466

21  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1094  
citing authors

#	ARTICLE	IF	CITATIONS
1	Human Atrial Action Potential and Ca <sup>2+</sup> Model. <i>Circulation Research</i> , 2011, 109, 1055-1066.	4.5	368
2	Cardiac adrenergic control and atrial fibrillation. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2010, 381, 235-249.	3.0	111
3	Cellular bases for human atrial fibrillation. <i>Heart Rhythm</i> , 2008, 5, S1-S6.	0.7	77
4	Atrial cellular electrophysiological changes in patients with ventricular dysfunction may predispose to AF. <i>Heart Rhythm</i> , 2009, 6, 445-451.	0.7	48
5	Chronic beta-adrenoceptor blockade and human atrial cell electrophysiology: evidence of pharmacological remodelling. <i>Cardiovascular Research</i> , 2003, 58, 518-525.	3.8	47
6	Post-Operative Atrial Fibrillation Is Influenced by Beta-Blocker Therapy But Not by Pre-Operative Atrial Cellular Electrophysiology. <i>Journal of Cardiovascular Electrophysiology</i> , 2006, 17, 1230-1238.	1.7	45
7	Chronic myocardial infarction promotes atrial action potential alternans, afterdepolarizations, and fibrillation. <i>Cardiovascular Research</i> , 2013, 99, 215-224.	3.8	41
8	Characterisation of the Na, K pump current in atrial cells from patients with and without chronic atrial fibrillation. <i>Cardiovascular Research</i> , 2003, 59, 593-602.	3.8	40
9	Electrophysiological and arrhythmogenic effects of 5-hydroxytryptamine on human atrial cells are reduced in atrial fibrillation. <i>Journal of Molecular and Cellular Cardiology</i> , 2007, 42, 54-62.	1.9	40
10	Anti-adrenergic effects of endothelin on human atrial action potentials are potentially anti-arrhythmic. <i>Journal of Molecular and Cellular Cardiology</i> , 2006, 40, 717-724.	1.9	39
11	Electrophysiological effects of 5-hydroxytryptamine on isolated human atrial myocytes, and the influence of chronic $\beta^2$ -adrenoceptor blockade. <i>British Journal of Pharmacology</i> , 2003, 140, 1434-1441.	5.4	30
12	Remodelling of human atrial K <sup>+</sup> currents but not ion channel expression by chronic $\beta^2$ -blockade. <i>Pflügers Archiv European Journal of Physiology</i> , 2012, 463, 537-548.	2.8	22
13	Effects of human atrial ionic remodelling by $\beta^2$ -blocker therapy on mechanisms of atrial fibrillation: a computer simulation. <i>Europace</i> , 2014, 16, 1524-1533.	1.7	21
14	A New Algorithm to Diagnose Atrial Ectopic Origin from Multi Lead ECG Systems - Insights from 3D Virtual Human Atria and Torso. <i>PLoS Computational Biology</i> , 2015, 11, e1004026.	3.2	21
15	Dynamic clamping human and rabbit atrial calcium current: narrowing I <sub>CaL</sub> window abolishes early afterdepolarizations. <i>Journal of Physiology</i> , 2019, 597, 3619-3638.	2.9	20
16	Rate-dependency of Action Potential Duration and Refractoriness in Isolated Myocytes from the Rabbit AV Node and Atrium. <i>Journal of Molecular and Cellular Cardiology</i> , 2000, 32, 1525-1537.	1.9	14
17	Atrial Electrophysiological Remodeling and Fibrillation in Heart Failure. <i>Clinical Medicine Insights: Cardiology</i> , 2016, 10s1, CMC.S39713.	1.8	13
18	Atrial resting membrane potential confers sodium current sensitivity to propafenone, flecainide and dronedarone. <i>Heart Rhythm</i> , 2021, 18, 1212-1220.	0.7	12

#	ARTICLE	IF	CITATIONS
19	Description of the Human Atrial Action Potential Derived From a Single, Congruent Data Source: Novel Computational Models for Integrated Experimental-Numerical Study of Atrial Arrhythmia Mechanisms. <i>Frontiers in Physiology</i> , 2018, 9, 1211.	2.8	9
20	Mechanisms of postcardiac surgery atrial fibrillation: More pieces in a difficult puzzle. <i>Heart Rhythm</i> , 2009, 6, 1423-1424.	0.7	5
21	Altered Excitation-Contraction Coupling in Human Chronic Atrial Fibrillation. <i>Journal of Atrial Fibrillation</i> , 2012, 4, 495.	0.5	4