

# Thomas P Flagg

## List of Publications by Year in descending order

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23  
papers

704  
citations

840776

11  
h-index

677142

22  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1158  
citing authors

#	ARTICLE	IF	CITATIONS
1	Muscle K <sup>ATP</sup> Channels: Recent Insights to Energy Sensing and Myoprotection. <i>Physiological Reviews</i> , 2010, 90, 799-829.	28.8	232
2	Differential Structure of Atrial and Ventricular K <sup>ATP</sup> . <i>Circulation Research</i> , 2008, 103, 1458-1465.	4.5	118
3	Sarcolemmal K channels: what do we really know?. <i>Journal of Molecular and Cellular Cardiology</i> , 2005, 39, 61-70.	1.9	53
4	Ca <sup>2+</sup> -Independent Alterations in Diastolic Sarcomere Length and Relaxation Kinetics in a Mouse Model of Lipotoxic Diabetic Cardiomyopathy. <i>Circulation Research</i> , 2009, 104, 95-103.	4.5	51
5	Remodeling of excitation-contraction coupling in transgenic mice expressing ATP-insensitive sarcolemmal KATP channels. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004, 286, H1361-H1369.	3.2	39
6	Palmitate attenuates myocardial contractility through augmentation of repolarizing Kv currents. <i>Journal of Molecular and Cellular Cardiology</i> , 2010, 48, 395-405.	1.9	36
7	Transgenic overexpression of SUR1 in the heart suppresses sarcolemmal K. <i>Journal of Molecular and Cellular Cardiology</i> , 2005, 39, 647-656.	1.9	28
8	Promoter DNA Methylation Regulates Murine SUR1 (Abcc8) and SUR2 (Abcc9) Expression in HL-1 Cardiomyocytes. <i>PLoS ONE</i> , 2012, 7, e41533.	2.5	27
9	Arrhythmia susceptibility and premature death in transgenic mice overexpressing both SUR1 and Kir6.2 [I <sup>N30,K185Q</sup> ] in the heart. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 293, H836-H845.	3.2	26
10	Potent Inhibition of hERG Channels by the Over-the-Counter Antidiarrheal Agent Loperamide. <i>JACC: Clinical Electrophysiology</i> , 2016, 2, 784-789.	3.2	26
11	Brief isoflurane administration as a post-exposure treatment for organophosphate poisoning. <i>NeuroToxicology</i> , 2017, 63, 84-89.	3.0	13
12	Sarcolemmal KATP Channels in the Heart: Molecular Mechanisms Brought to Light, but Physiologic Consequences Still in the Dark. <i>Journal of Cardiovascular Electrophysiology</i> , 2001, 12, 1195-1198.	1.7	12
13	SMN-deficiency disrupts SERCA2 expression and intracellular Ca <sup>2+</sup> signaling in cardiomyocytes from SMA mice and patient-derived iPSCs. <i>Skeletal Muscle</i> , 2020, 10, 16.	4.2	9
14	Role of suppression of the inward rectifier current in terminal action potential repolarization in the failing heart. <i>Heart Rhythm</i> , 2017, 14, 1217-1223.	0.7	8
15	Methadone Blockade of Cardiac Inward Rectifier K <sup>+</sup> Current Augments Membrane Instability and Amplifies U Waves on Surface ECGs: A Translational Study. <i>Journal of the American Heart Association</i> , 2022, 11, .	3.7	6
16	Acetate transiently inhibits myocardial contraction by increasing mitochondrial calcium uptake. <i>BMC Physiology</i> , 2014, 14, 12.	3.6	5
17	Histone deacetylase inhibitors modulate KATP subunit transcription in HL-1 cardiomyocytes through effects on cholesterol homeostasis. <i>Frontiers in Pharmacology</i> , 2015, 6, 168.	3.5	4
18	The Effects of Berry Extracts on Oxidative Stress in Cultured Cardiomyocytes and Microglial Cells: A Potential Cardioprotective and Neuroprotective Mechanism. <i>Molecules</i> , 2022, 27, 2789.	3.8	3

#	ARTICLE	IF	CITATIONS
19	Avoiding the chopping block in curricular reform: reimagining physiology laboratories in the era of integrated medical curricula. American Journal of Physiology - Advances in Physiology Education, 2017, 41, 279-285.	1.6	2
20	Hemodynamic Effects of Late Sodium Current Inhibitors in a Swine Model of Heart Failure. Journal of Cardiac Failure, 2019, 25, 828-836.	1.7	2
21	Novel cholesterolâ€dependent regulation of cardiac K <sup>ATP</sup> subunit expression revealed using histone deacetylase inhibitors. Physiological Reports, 2021, 8, e14675.	1.7	2
22	The Effects of Blackcurrant and Berry Extracts on Oxidative Stress in Cultured Cardiomyocytes and Microglial Cells. FASEB Journal, 2022, 36, .	0.5	2
23	Mechanisms regulating the chamberâ€specific structure of cardiac ATPâ€sensitive potassium (KATP) channels. FASEB Journal, 2011, 25, 177.8.	0.5	0