Peter T Wright

List of Publications by Year
in descending order

17	1,272	759055 12	940416 16
papers	citations	h-index	g-index

18	18	18	1712
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	High Levels of Circulating Epinephrine Trigger Apical Cardiodepression in a Î² ₂ -Adrenergic Receptor/G _i â€“Dependent Manner. Circulation, 2012, 126, 697-706.	1.6	625
2	FRET biosensor uncovers cAMP nano-domains at Î²-adrenergic targets that dictate precise tuning of cardiac contractility. Nature Communications, 2017, 8, 15031.	5.8	166
3	Caveolin-3 regulates compartmentation of cardiomyocyte beta2-adrenergic receptor-mediated cAMP signaling. Journal of Molecular and Cellular Cardiology, 2014, 67, 38-48.	0.9	103
4	Microtubule-Dependent Mitochondria Alignment Regulates Calcium Release in Response to Nanomechanical Stimulus in Heart Myocytes. Cell Reports, 2016, 14, 140-151.	2.9	55
5	T-tubule remodelling disturbs localized Î²2-adrenergic signalling in rat ventricular myocytes during the progression of heart failure. Cardiovascular Research, 2017, 113, 770-782.	1.8	53
6	Cardiomyocyte Membrane Structure and cAMP Compartmentation Produce Anatomical Variation in Î²2AR-cAMP Responsiveness in Murine Hearts. Cell Reports, 2018, 23, 459-469.	2.9	51
7	The scanning ion conductance microscope for cellular physiology. American Journal of Physiology - Heart and Circulatory Physiology, 2013, 304, H1-H11.	1.5	42
8	Microtubules regulate cardiomyocyte transversal Youngâ€™s modulus. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 2764-2766.	3.3	33
9	Heart failure leads to altered Î²2-adrenoceptor/cyclic adenosine monophosphate dynamics in the sarcolemmal phospholemman/Na,K ATPase microdomain. Cardiovascular Research, 2019, 115, 546-555.	1.8	31
10	Circulating microRNAs predispose to takotsubo syndrome following high-dose adrenaline exposure. Cardiovascular Research, 2022, 118, 1758-1770.	1.8	30
11	Î²3-Adrenoceptor redistribution impairs NO/cGMP/PDE2 signalling in failing cardiomyocytes. ELife, 2020, 9, .	2.8	28
12	Studying GPCR/cAMP pharmacology from the perspective of cellular structure. Frontiers in Pharmacology, 2015, 6, 148.	1.6	17
13	Approaches to High-Throughput Analysis of Cardiomyocyte Contractility. Frontiers in Physiology, 2020, 11, 612.	1.3	16
14	Partial Mechanical Unloading of the Heart Disrupts L-Type Calcium Channel and Beta-Adrenoceptor Signaling Microdomains. Frontiers in Physiology, 2018, 9, 1302.	1.3	11
15	Studying signal compartmentation in adult cardiomyocytes. Biochemical Society Transactions, 2020, 48, 61-70.	1.6	9
16	Electrophysiological Remodeling: Cardiac T-Tubules and ÃŸ-Adrenoceptors. Cells, 2021, 10, 2456.	1.8	2
17	Junctophillin-2: Coupling Hopes for Cardiac Gene Therapy to Gene Transcription. Circulation Research, 2022, 130, 1318-1320.	2.0	0