

Peter T Wright

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,272
citations

759055

12
h-index

940416

16
g-index

18
all docs

18
docs citations

18
times ranked

1712
citing authors

#	ARTICLE	IF	CITATIONS
1	Circulating microRNAs predispose to takotsubo syndrome following high-dose adrenaline exposure. <i>Cardiovascular Research</i> , 2022, 118, 1758-1770.	1.8	30
2	Junctophilin-2: Coupling Hopes for Cardiac Gene Therapy to Gene Transcription. <i>Circulation Research</i> , 2022, 130, 1318-1320.	2.0	0
3	Electrophysiological Remodeling: Cardiac T-Tubules and β -Adrenoceptors. <i>Cells</i> , 2021, 10, 2456.	1.8	2
4	Microtubules regulate cardiomyocyte transversal Young's modulus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 2764-2766.	3.3	33
5	Approaches to High-Throughput Analysis of Cardiomyocyte Contractility. <i>Frontiers in Physiology</i> , 2020, 11, 612.	1.3	16
6	Studying signal compartmentation in adult cardiomyocytes. <i>Biochemical Society Transactions</i> , 2020, 48, 61-70.	1.6	9
7	β ³ -Adrenoceptor redistribution impairs NO/cGMP/PDE2 signalling in failing cardiomyocytes. <i>ELife</i> , 2020, 9, .	2.8	28
8	Heart failure leads to altered β ² -adrenoceptor/cyclic adenosine monophosphate dynamics in the sarcolemmal phospholemman/Na,K ATPase microdomain. <i>Cardiovascular Research</i> , 2019, 115, 546-555.	1.8	31
9	Cardiomyocyte Membrane Structure and cAMP Compartmentation Produce Anatomical Variation in β ² AR-cAMP Responsiveness in Murine Hearts. <i>Cell Reports</i> , 2018, 23, 459-469.	2.9	51
10	Partial Mechanical Unloading of the Heart Disrupts L-Type Calcium Channel and Beta-Adrenoceptor Signaling Microdomains. <i>Frontiers in Physiology</i> , 2018, 9, 1302.	1.3	11
11	FRET biosensor uncovers cAMP nano-domains at β ² -adrenergic targets that dictate precise tuning of cardiac contractility. <i>Nature Communications</i> , 2017, 8, 15031.	5.8	166
12	T-tubule remodelling disturbs localized β ² -adrenergic signalling in rat ventricular myocytes during the progression of heart failure. <i>Cardiovascular Research</i> , 2017, 113, 770-782.	1.8	53
13	Microtubule-Dependent Mitochondria Alignment Regulates Calcium Release in Response to Nanomechanical Stimulus in Heart Myocytes. <i>Cell Reports</i> , 2016, 14, 140-151.	2.9	55
14	Studying GPCR/cAMP pharmacology from the perspective of cellular structure. <i>Frontiers in Pharmacology</i> , 2015, 6, 148.	1.6	17
15	Caveolin-3 regulates compartmentation of cardiomyocyte beta2-adrenergic receptor-mediated cAMP signaling. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 67, 38-48.	0.9	103
16	The scanning ion conductance microscope for cellular physiology. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 304, H1-H11.	1.5	42
17	High Levels of Circulating Epinephrine Trigger Apical Cardiodepression in a β ² -Adrenergic Receptor/G-protein-Dependent Manner. <i>Circulation</i> , 2012, 126, 697-706.	1.6	625