

Kevin R Murphy

List of Publications by Year in descending order

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9
papers

240
citations

1040056

9
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

400
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial CaMKII causes adverse metabolic reprogramming and dilated cardiomyopathy. Nature Communications, 2020, 11, 4416.	12.8	54
2	SK Channel Enhancers Attenuate Ca ²⁺ -Dependent Arrhythmia in Hypertrophic Hearts by Regulating Mito-ROS-Dependent Oxidation and Activity of RyR.. Cardiovascular Research, 2017, 113, cvx005.	3.8	45
3	Oxidized CaMKII and O-GlcNAcylation cause increased atrial fibrillation in diabetic mice by distinct mechanisms. Journal of Clinical Investigation, 2021, 131, .	8.2	40
4	MICAL1 constrains cardiac stress responses and protects against disease by oxidizing CaMKII. Journal of Clinical Investigation, 2020, 130, 4663-4678.	8.2	23
5	A Universal Scaling Relation for Defining Power Spectral Bands in Mammalian Heart Rate Variability Analysis. Frontiers in Physiology, 2018, 9, 1001.	2.8	20
6	CaMKII oxidation is a critical performance/disease trade-off acquired at the dawn of vertebrate evolution. Nature Communications, 2021, 12, 3175.	12.8	19
7	A novel method of standardized myocardial infarction in aged rabbits. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 312, H959-H967.	3.2	14
8	Enhancing Autophagy Diminishes Aberrant Ca ²⁺ Homeostasis and Arrhythmogenesis in Aging Rabbit Hearts. Frontiers in Physiology, 2019, 10, 1277.	2.8	12
9	Trafficking of the human ether-a-go-go-related gene (hERG) potassium channel is regulated by the ubiquitin ligase rififylin (RFFL). Journal of Biological Chemistry, 2019, 294, 351-360.	3.4	11