

# Kevin R Murphy

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8517788/publications.pdf>

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9  
papers

240  
citations

1040056

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1474206

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g-index

11  
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11  
docs citations

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times ranked

400  
citing authors

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