

# Conner Herndon

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

10  
papers

182  
citations

5  
h-index

12  
g-index

12  
ext. papers

243  
ext. citations

4.7  
avg, IF

2.41  
L-index

#	Paper	IF	Citations
10	Simulation-Based Approaches for Determining Membrane Permeability of Small Compounds. <i>Journal of Chemical Information and Modeling</i> , <b>2016</b> , 56, 721-33	6.1	127
9	Fatal arrhythmias: Another reason why doctors remain cautious about chloroquine/hydroxychloroquine for treating COVID-19. <i>Heart Rhythm</i> , <b>2020</b> , 17, 1445-1451	6.7	17
8	Mechanism for Amplitude Alternans in Electrocardiograms and the Initiation of Spatiotemporal Chaos. <i>Physical Review Letters</i> , <b>2017</b> , 118, 168101	7.4	17
7	Engineered Cardiac Pacemaker Nodes Created by TBX18 Gene Transfer Overcome Source-Sink Mismatch. <i>Advanced Science</i> , <b>2019</b> , 6, 1901099	13.6	9
6	Accelerating the use of molecular modeling in the high school classroom with VMD Lite. <i>Biochemistry and Molecular Biology Education</i> , <b>2016</b> , 44, 124-9	1.3	5
5	Level-set Method for Robust Analysis of Optical Mapping Recordings of Fibrillation		2
4	Defibrillate You Later, Alligator: Q10 Scaling and Refractoriness Keeps Alligators from Fibrillation. <i>Integrative Organismal Biology</i> , <b>2021</b> , 3, obaa047	2.3	2
3	Theoretical Modeling and Experimental Detection of the Extracellular Phasic Impedance Modulation in Rabbit Hearts. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 883	4.6	1
2	Generation of Monophasic Action Potentials and Intermediate Forms. <i>Biophysical Journal</i> , <b>2020</b> , 119, 460-469	2.9	1
1	Electrocardiogram reconstruction from high resolution voltage optical mapping. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2016</b> , 2016, 3941-3944	0.9	0