

Yunliang Zang

List of Publications by Year in descending order

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1040056

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19
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19
docs citations

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199
citing authors

#	ARTICLE	IF	CITATIONS
1	Reply to Kotler et al.: Changing ion concentrations in conductance-based models. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2121944119.	7.1	1
2	The Cellular Electrophysiological Properties Underlying Multiplexed Coding in Purkinje Cells. Journal of Neuroscience, 2021, 41, 1850-1863.	3.6	20
3	Interactions among diameter, myelination, and the Na/K pump affect axonal resilience to high-frequency spiking. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	16
4	Firing rate-dependent phase responses of Purkinje cells support transient oscillations. ELife, 2020, 9, .	6.0	18
5	Climbing Fibers Provide Graded Error Signals in Cerebellar Learning. Frontiers in Systems Neuroscience, 2019, 13, 46.	2.5	29
6	Exploring Impaired SERCA Pump-Caused Alternation Occurrence in Ischemia. Computational and Mathematical Methods in Medicine, 2019, 2019, 1-10.	1.3	7
7	Voltage- and Branch-Specific Climbing Fiber Responses in Purkinje Cells. Cell Reports, 2018, 24, 1536-1549.	6.4	44
8	Role of CaMKII and PKA in Early Afterdepolarization of Human Ventricular Myocardium Cell: A Computational Model Study. Computational and Mathematical Methods in Medicine, 2016, 2016, 1-8.	1.3	11
9	Fibroblast proliferation alters cardiac excitation conduction and contraction: a computational study. Journal of Zhejiang University: Science B, 2014, 15, 225-242.	2.8	16
10	Cellular mechanism of cardiac alternans: an unresolved chicken or egg problem. Journal of Zhejiang University: Science B, 2014, 15, 201-211.	2.8	10
11	Transmural Gradient of Ito and INak Profoundly Influence Ventricular Action Potential Duration. Biophysical Journal, 2014, 106, 117a.	0.5	1
12	Theoretical investigation of the mechanism of heart failure using a canine ventricular cell model: Especially the role of up-regulated CaMKII and SR Ca2+ leak. Journal of Molecular and Cellular Cardiology, 2013, 56, 34-43.	1.9	22
13	A Study of Mechanical Optimization Strategy for Cardiac Resynchronization Therapy Based on an Electromechanical Model. Computational and Mathematical Methods in Medicine, 2012, 2012, 1-13.	1.3	6
14	Electrical Remolding and Mechanical Changes in Heart Failure: A Model Study. Lecture Notes in Computer Science, 2010, , 421-429.	1.3	3
15	Relation of Infarct Location and Size to Extent of Infarct Expansion After Acute Myocardial Infarction: A Quantitative Study Based on a Canine Model. Lecture Notes in Computer Science, 2010, , 316-324.	1.3	0