

Yunliang Zang

List of Publications by Year in descending order

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15
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1040056

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199
citing authors

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