

Yi Zhu

List of Publications by Year in Descending Order

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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

677
citations

8
h-index

11
g-index

11
ext. papers

825
ext. citations

8.1
avg, IF

3.14
L-index

#	Paper	IF	Citations
10	Targeting mechanosensitive MDM4 promotes lung fibrosis resolution in aged mice. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	6
9	Stiff matrix instigates type I collagen biogenesis by mammalian cleavage factor I complex-mediated alternative polyadenylation. <i>JCI Insight</i> , 2020 , 5,	9.9	8
8	Calcium in Vascular Smooth Muscle Cell Elasticity and Adhesion: Novel Insights Into the Mechanism of Action. <i>Frontiers in Physiology</i> , 2019 , 10, 852	4.6	17
7	Regulation of Vascular Smooth Muscle Cell Stiffness and Adhesion by [Ca ²⁺] _i : An Atomic Force Microscopy-Based Study. <i>Microscopy and Microanalysis</i> , 2018 , 24, 708-712	0.5	5
6	Increased vascular smooth muscle cell stiffness: a novel mechanism for aortic stiffness in hypertension. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013 , 305, H1281-7	5.2	116
5	Temporal analysis of vascular smooth muscle cell elasticity and adhesion reveals oscillation waveforms that differ with aging. <i>Aging Cell</i> , 2012 , 11, 741-50	9.9	60
4	Short communication: vascular smooth muscle cell stiffness as a mechanism for increased aortic stiffness with aging. <i>Circulation Research</i> , 2010 , 107, 615-9	15.7	219
3	Single molecule force spectroscopy of the cardiac titin N2B element: effects of the molecular chaperone alphaB-crystallin with disease-causing mutations. <i>Journal of Biological Chemistry</i> , 2009 , 284, 13914-13923	5.4	41
2	PKC phosphorylation of titin's PEVK element: a novel and conserved pathway for modulating myocardial stiffness. <i>Circulation Research</i> , 2009 , 105, 631-8, 17 p following 638	15.7	191
1	Atomic force microscopy studies on DNA structural changes induced by vincristine sulfate and aspirin. <i>Microscopy and Microanalysis</i> , 2004 , 10, 286-90	0.5	13