

Ping Zhang

List of Publications by Year in descending order

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16
papers

437
citations

840776

11
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

741
citing authors

#	ARTICLE	IF	CITATIONS
1	Nuclear envelope proteins modulate proliferation of vascular smooth muscle cells during cyclic stretch application. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 5293-5298.	7.1	68
2	Tracing and Characterizing the Development of Transplanted Female Germline Stem Cells In Vivo. <i>Molecular Therapy</i> , 2017, 25, 1408-1419.	8.2	65
3	Design and optimization of a biodegradable porous zein conduit using microtubes as a guide for rat sciatic nerve defect repair. <i>Biomaterials</i> , 2017, 131, 145-159.	11.4	57
4	The role of SIRT6 in the differentiation of vascular smooth muscle cells in response to cyclic strain. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 49, 98-104.	2.8	36
5	SIRT1 and FOXO Mediate Contractile Differentiation of Vascular Smooth Muscle Cells under Cyclic Stretch. <i>Cellular Physiology and Biochemistry</i> , 2015, 37, 1817-1829.	1.6	36
6	MicroRNA-34a targets Forkhead box j2 to modulate differentiation of endothelial progenitor cells in response to shear stress. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 74, 4-12.	1.9	35
7	Intact polyaniline coating as a conductive guidance is beneficial to repairing sciatic nerve injury. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020, 108, 128-142.	3.4	29
8	Nuclear envelope proteins Nesprin2 and LaminA regulate proliferation and apoptosis of vascular endothelial cells in response to shear stress. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 1165-1173.	4.1	22
9	Involvement of BK channel in differentiation of vascular smooth muscle cells induced by mechanical stretch. <i>International Journal of Biochemistry and Cell Biology</i> , 2015, 59, 21-29.	2.8	22
10	Secreted miR-27a Induced by Cyclic Stretch Modulates the Proliferation of Endothelial Cells in Hypertension via GRK6. <i>Scientific Reports</i> , 2017, 7, 41058.	3.3	21
11	Neuropeptide Y Stimulates Proliferation and Migration of Vascular Smooth Muscle Cells from Pregnancy Hypertensive Rats via Y1 and Y5 Receptors. <i>PLoS ONE</i> , 2015, 10, e0131124.	2.5	18
12	Pathological cyclic strain promotes proliferation of vascular smooth muscle cells via the ACTH/ERK/STAT3 pathway. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 8260-8270.	2.6	11
13	Arterial wall remodeling under sustained axial twisting in rats. <i>Journal of Biomechanics</i> , 2017, 60, 124-133.	2.1	7
14	Visualizing Spatiotemporal Dynamics of Intercellular Mechanotransmission upon Wounding. <i>ACS Photonics</i> , 2018, 5, 3565-3574.	6.6	7
15	Excitatory and inhibitory effects of prolactin release activated by nerve stimulation in rat anterior pituitary. <i>Reproductive Biology and Endocrinology</i> , 2009, 7, 154.	3.3	2
16	RACK1 Regulates Src Activity on Apoptosis of Vascular Smooth Muscle Cells Induced by Cyclic Strain. <i>Cellular and Molecular Bioengineering</i> , 2011, 4, 358-367.	2.1	1