

Chih-Wen Ni

List of Publications by Year in descending order

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22
papers

2,447
citations

448610

19
h-index

759306

22
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22
all docs

22
docs citations

22
times ranked

5123
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Nonviral Stable Transgenesis Mediated by Retroviral Integrase. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020, 17, 1061-1070.	1.8	1
2	Nano- and microplastics trigger secretion of protein-rich extracellular polymeric substances from phytoplankton. <i>Science of the Total Environment</i> , 2020, 748, 141469.	3.9	80
3	Homozygous knockout of the <i>piezo1</i> gene in the zebrafish is not associated with anemia. <i>Haematologica</i> , 2015, 100, e483-e485.	1.7	23
4	<i>Gata2b</i> is a restricted early regulator of hemogenic endothelium in the zebrafish embryo. <i>Development (Cambridge)</i> , 2015, 142, 1050-1061.	1.2	117
5	Reverse Genetic Screening Reveals Poor Correlation between Morpholino-Induced and Mutant Phenotypes in Zebrafish. <i>Developmental Cell</i> , 2015, 32, 97-108.	3.1	666
6	Development of immortalized mouse aortic endothelial cell lines. <i>Vascular Cell</i> , 2014, 6, 7.	0.2	33
7	The atypical mechanosensitive microRNA-712 derived from pre-ribosomal RNA induces endothelial inflammation and atherosclerosis. <i>Nature Communications</i> , 2013, 4, 3000.	5.8	198
8	Angiotensin II induces DNA damage via AT1 receptor and NADPH oxidase isoform Nox4. <i>Mutagenesis</i> , 2012, 27, 673-681.	1.0	46
9	Animal, <i>In Vitro</i> , and <i>Ex Vivo</i> Models of Flow-Dependent Atherosclerosis: Role of Oxidative Stress. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 1433-1448.	2.5	68
10	MicroRNA-663 upregulated by oscillatory shear stress plays a role in inflammatory response of endothelial cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 300, H1762-H1769.	1.5	186
11	A Model of Disturbed Flow-Induced Atherosclerosis in Mouse Carotid Artery by Partial Ligation and a Simple Method of RNA Isolation from Carotid Endothelium. <i>Journal of Visualized Experiments</i> , 2010, , .	0.2	53
12	X-linked inhibitor of apoptosis protein controls β 5-integrin-mediated cell adhesion and migration. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010, 299, H300-H309.	1.5	24
13	Intimal cushions and endothelial nuclear elongation around mouse aortic branches and their spatial correspondence with patterns of lipid deposition. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010, 298, H536-H544.	1.5	10
14	HuR regulates the expression of stress-sensitive genes and mediates inflammatory response in human umbilical vein endothelial cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 6858-6863.	3.3	80
15	Discovery of novel mechanosensitive genes in vivo using mouse carotid artery endothelium exposed to disturbed flow. <i>Blood</i> , 2010, 116, e66-e73.	0.6	136
16	Partial carotid ligation is a model of acutely induced disturbed flow, leading to rapid endothelial dysfunction and atherosclerosis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 297, H1535-H1543.	1.5	396
17	Angiotensin-2 Stimulates Blood Flow Recovery After Femoral Artery Occlusion by Inducing Inflammation and Arteriogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 1989-1995.	1.1	56
18	Laminar flow attenuates interferon-induced inflammatory responses in endothelial cells. <i>Cardiovascular Research</i> , 2007, 74, 497-505.	1.8	18

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19	ICAM-1 induction by TNF α and IL-6 is mediated by distinct pathways via Rac in endothelial cells. Journal of Biomedical Science, 2005, 12, 91-101.	2.6	119
20	Interleukin-6-induced JAK2/STAT3 signaling pathway in endothelial cells is suppressed by hemodynamic flow. American Journal of Physiology - Cell Physiology, 2004, 287, C771-C780.	2.1	71
21	Activation of PKC- ζ and ERK1/2 participates in shear-induced endothelial MCP-1 expression that is repressed by nitric oxide. Journal of Cellular Physiology, 2003, 195, 428-434.	2.0	38
22	Shear Flow Attenuates Serum-induced STAT3 Activation in Endothelial Cells. Journal of Biological Chemistry, 2003, 278, 19702-19708.	1.6	28