

# Chih-Wen Ni

## List of Publications by Year in Descending Order

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**Version:** 2024-04-29

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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.

22  
papers

1,948  
citations

18  
h-index

22  
g-index

22  
ext. papers

2,251  
ext. citations

6.8  
avg, IF

4.21  
L-index

#	Paper	IF	Citations
22	Efficient Nonviral Stable Transgenesis Mediated by Retroviral Integrase. <i>Molecular Therapy - Methods and Clinical Development</i> , <b>2020</b> , 17, 1061-1070	6.4	
21	Nano- and microplastics trigger secretion of protein-rich extracellular polymeric substances from phytoplankton. <i>Science of the Total Environment</i> , <b>2020</b> , 748, 141469	10.2	21
20	Gata2b is a restricted early regulator of hemogenic endothelium in the zebrafish embryo. <i>Development (Cambridge)</i> , <b>2015</b> , 142, 1050-61	6.6	84
19	Reverse genetic screening reveals poor correlation between morpholino-induced and mutant phenotypes in zebrafish. <i>Developmental Cell</i> , <b>2015</b> , 32, 97-108	10.2	532
18	Homozygous knockout of the piezo1 gene in the zebrafish is not associated with anemia. <i>Haematologica</i> , <b>2015</b> , 100, e483-5	6.6	18
17	Development of immortalized mouse aortic endothelial cell lines. <i>Vascular Cell</i> , <b>2014</b> , 6, 7	1	26
16	The atypical mechanosensitive microRNA-712 derived from pre-ribosomal RNA induces endothelial inflammation and atherosclerosis. <i>Nature Communications</i> , <b>2013</b> , 4, 3000	17.4	162
15	Angiotensin II induces DNA damage via AT1 receptor and NADPH oxidase isoform Nox4. <i>Mutagenesis</i> , <b>2012</b> , 27, 673-81	2.8	39
14	Animal, in vitro, and ex vivo models of flow-dependent atherosclerosis: role of oxidative stress. <i>Antioxidants and Redox Signaling</i> , <b>2011</b> , 15, 1433-48	8.4	53
13	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> , <b>2011</b> , 300, H1762-9	5.2	165
12	X-linked inhibitor of apoptosis protein controls alpha5-integrin-mediated cell adhesion and migration. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2010</b> , 299, H300-9	5.2	22
11	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> , <b>2010</b> , 298, H536-44	5.2	8
10	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> , <b>2010</b> , 107, 6858-63	11.5	67
9	Discovery of novel mechanosensitive genes in vivo using mouse carotid artery endothelium exposed to disturbed flow. <i>Blood</i> , <b>2010</b> , 116, e66-73	2.2	120
8	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> , <b>2010</b> ,	1.6	42
7	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> , <b>2009</b> , 297, H1535-43	5.2	313
6	Angiopoietin-2 stimulates blood flow recovery after femoral artery occlusion by inducing inflammation and arteriogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2008</b> , 28, 1989-95	9.4	49

5	Laminar flow attenuates interferon-induced inflammatory responses in endothelial cells. <i>Cardiovascular Research</i> , <b>2007</b> , 74, 497-505	9.9	16
4	ICAM-1 induction by TNFalpha and IL-6 is mediated by distinct pathways via Rac in endothelial cells. <i>Journal of Biomedical Science</i> , <b>2005</b> , 12, 91-101	13.3	96
3	Interleukin-6-induced JAK2/STAT3 signaling pathway in endothelial cells is suppressed by hemodynamic flow. <i>American Journal of Physiology - Cell Physiology</i> , <b>2004</b> , 287, C771-80	5.4	53
2	Activation of PKC-epsilon and ERK1/2 participates in shear-induced endothelial MCP-1 expression that is repressed by nitric oxide. <i>Journal of Cellular Physiology</i> , <b>2003</b> , 195, 428-34	7	37
1	Shear flow attenuates serum-induced STAT3 activation in endothelial cells. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 19702-8	5.4	25