

# Paul Lee Huang

## List of Publications by Citations

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33  
papers

2,217  
citations

20  
h-index

34  
g-index

34  
ext. papers

2,475  
ext. citations

11.7  
avg, IF

3.72  
L-index

#	Paper	IF	Citations
33	Hematopoietic stem cell development is dependent on blood flow. <i>Cell</i> , <b>2009</b> , 137, 736-48	56.2	346
32	Generation of vascular endothelial and smooth muscle cells from human pluripotent stem cells. <i>Nature Cell Biology</i> , <b>2015</b> , 17, 994-1003	23.4	323
31	Atorvastatin upregulates type III nitric oxide synthase in thrombocytes, decreases platelet activation, and protects from cerebral ischemia in normocholesterolemic mice. <i>Stroke</i> , <b>2000</b> , 31, 2442-9	6.7	310
30	Endothelial nitric oxide synthase gene-deficient mice demonstrate marked retardation in postnatal bone formation, reduced bone volume, and defects in osteoblast maturation and activity. <i>American Journal of Pathology</i> , <b>2001</b> , 158, 247-57	5.8	190
29	Inhibition of atherogenesis in BLT1-deficient mice reveals a role for LTB4 and BLT1 in smooth muscle cell recruitment. <i>Circulation</i> , <b>2005</b> , 112, 578-86	16.7	117
28	Golgi and sarcolemmal neuronal NOS differentially regulate contraction-induced fatigue and vasoconstriction in exercising mouse skeletal muscle. <i>Journal of Clinical Investigation</i> , <b>2010</b> , 120, 816-26	15.9	110
27	Discovery of small-molecule HIV-1 fusion and integrase inhibitors oleuropein and hydroxytyrosol: Part I. fusion [corrected] inhibition. <i>Biochemical and Biophysical Research Communications</i> , <b>2007</b> , 354, 872-8	3.4	81
26	Nitric oxide is proangiogenic in the retina and choroid. <i>Journal of Cellular Physiology</i> , <b>2002</b> , 191, 116-24	7	77
25	Different vasculoprotective roles of NO synthase isoforms in vascular lesion formation in mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2000</b> , 20, E96-E100	9.4	70
24	Solution structure of anti-HIV-1 and anti-tumor protein MAP30: structural insights into its multiple functions. <i>Cell</i> , <b>1999</b> , 99, 433-42	56.2	70
23	Renal collecting duct NOS1 maintains fluid-electrolyte homeostasis and blood pressure. <i>Hypertension</i> , <b>2013</b> , 62, 91-8	8.5	58
22	Nitric oxide mediates 17beta-estradiol-stimulated human and rodent osteoblast proliferation and differentiation. <i>Biochemical and Biophysical Research Communications</i> , <b>2000</b> , 277, 604-10	3.4	57
21	Induction of vascular insulin resistance and endothelin-1 expression and acceleration of atherosclerosis by the overexpression of protein kinase C- $\beta$ isoform in the endothelium. <i>Circulation Research</i> , <b>2013</b> , 113, 418-27	15.7	56
20	Protection against TNF-induced lethal shock by soluble guanylate cyclase inhibition requires functional inducible nitric oxide synthase. <i>Immunity</i> , <b>2000</b> , 13, 223-31	32.3	52
19	Discovery of small-molecule HIV-1 fusion and integrase inhibitors oleuropein and hydroxytyrosol: part II. integrase inhibition. <i>Biochemical and Biophysical Research Communications</i> , <b>2007</b> , 354, 879-84	3.4	44
18	Production of antiviral and antitumor proteins MAP30 and GAP31 in cucurbits using the plant virus vector ZYMV-AGII. <i>Biochemical and Biophysical Research Communications</i> , <b>2002</b> , 292, 441-8	3.4	41
17	Proteolytic fragments of anti-HIV and anti-tumor proteins MAP30 and GAP31 are biologically active. <i>Biochemical and Biophysical Research Communications</i> , <b>1999</b> , 262, 615-23	3.4	39

16	Increased susceptibility to development of triggered activity in myocytes from mice with targeted disruption of endothelial nitric oxide synthase. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2000</b> , 32, 1239-48	5.8	36
15	Renal abnormalities in mutant mice. <i>Nature</i> , <b>1996</b> , 380, 292	50.4	24
14	Anti-HIV and anti-tumor protein MAP30, a 30 kDa single-strand type-I RIP, shares similar secondary structure and beta-sheet topology with the A chain of ricin, a type-II RIP. <i>Protein Science</i> , <b>2000</b> , 9, 138-44	6.3	22
13	Increased eNOS accounts for changes in connexin expression in renal arterioles during diabetes. <i>The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology</i> , <b>2006</b> , 288, 1000-8		19
12	The study to understand the genetics of the acute response to metformin and glipizide in humans (SUGAR-MGH): design of a pharmacogenetic resource for type 2 diabetes. <i>PLoS ONE</i> , <b>2015</b> , 10, e0121553	3.7	13
11	Crystallization and preliminary X-ray analysis of GAP 31. A protein which inhibits the life cycle of HIV-1. <i>Journal of Molecular Biology</i> , <b>1994</b> , 240, 92-4	6.5	11
10	Role of neuronal nitric oxide in the regulation of vasopressin expression and release in response to inhibition of catecholamine synthesis and dehydration. <i>Neuroscience Letters</i> , <b>2007</b> , 426, 160-5	3.3	10
9	Sensitivity and specificity of an eye movement tracking-based biomarker for concussion. <i>Concussion</i> , <b>2016</b> , 1, CNC3	1.8	10
8	Validation of Polygenic Scores for QT Interval in Clinical Populations. <i>Circulation: Cardiovascular Genetics</i> , <b>2017</b> , 10,		8
7	The effect of salt on renal damage in eNOS-deficient mice. <i>Hypertension Research</i> , <b>2010</b> , 33, 170-6	4.7	8
6	Live-cell real-time imaging reveals role of mitochondria in cell-to-cell transmission of HIV-1. <i>Biochemical and Biophysical Research Communications</i> , <b>2011</b> , 415, 384-9	3.4	7
5	Physiological stress increases renal injury in eNOS-knockout mice. <i>Hypertension Research</i> , <b>2012</b> , 35, 318-24	4.7	6
4	Live-cell real-time imaging of mitochondria in HIV-1-infected cells. <i>AIDS Research and Human Retroviruses</i> , <b>2014</b> , 30, 1025-6	1.6	1
3	HDAC5: going with the flow. <i>Blood</i> , <b>2010</b> , 115, 2728-9	2.2	1
2	A Novel nNOS Signaling Pathway Regulates Skeletal Muscle Size, Strength and Fatigue Resistance. <i>FASEB Journal</i> , <b>2008</b> , 22, 835.8	0.9	
1	The Discovery of MAP30 and Elucidation of its Medicinal Activities <b>2013</b> , 117-126		