

Paul Lee Huang

List of Publications by Year in descending order

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33
papers

2,716
citations

331259

21
h-index

433756

31
g-index

34
all docs

34
docs citations

34
times ranked

4240
citing authors

#	ARTICLE	IF	CITATIONS
1	Generation of vascular endothelial and smooth muscle cells from human pluripotent stem cells. <i>Nature Cell Biology</i> , 2015, 17, 994-1003.	4.6	463
2	Hematopoietic Stem Cell Development Is Dependent on Blood Flow. <i>Cell</i> , 2009, 137, 736-748.	13.5	393
3	Atorvastatin Upregulates Type III Nitric Oxide Synthase in Thrombocytes, Decreases Platelet Activation, and Protects From Cerebral Ischemia in Normocholesterolemic Mice. <i>Stroke</i> , 2000, 31, 2442-2449.	1.0	359
4	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> , 2001, 158, 247-257.	1.9	212
5	Golgi and sarcolemmal neuronal NOS differentially regulate contraction-induced fatigue and vasoconstriction in exercising mouse skeletal muscle. <i>Journal of Clinical Investigation</i> , 2010, 120, 816-826.	3.9	137
6	Inhibition of Atherogenesis in BLT1-Deficient Mice Reveals a Role for LTB4 and BLT1 in Smooth Muscle Cell Recruitment. <i>Circulation</i> , 2005, 112, 578-586.	1.6	130
7	Discovery of small-molecule HIV-1 fusion and integrase inhibitors oleuropein and hydroxytyrosol: Part I. Integrase inhibition. <i>Biochemical and Biophysical Research Communications</i> , 2007, 354, 872-878.	1.0	123
8	Nitric oxide is proangiogenic in the retina and choroid. <i>Journal of Cellular Physiology</i> , 2002, 191, 116-124.	2.0	88
9	Solution Structure of Anti-HIV-1 and Anti-Tumor Protein MAP30. <i>Cell</i> , 1999, 99, 433-442.	13.5	81
10	Different Vasculoprotective Roles of NO Synthase Isoforms in Vascular Lesion Formation in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000, 20, E96-E100.	1.1	78
11	Renal Collecting Duct NOS1 Maintains Fluid Electrolyte Homeostasis and Blood Pressure. <i>Hypertension</i> , 2013, 62, 91-98.	1.3	75
12	Induction of Vascular Insulin Resistance and Endothelin-1 Expression and Acceleration of Atherosclerosis by the Overexpression of Protein Kinase C- β 2 Isoform in the Endothelium. <i>Circulation Research</i> , 2013, 113, 418-427.	2.0	75
13	Discovery of small-molecule HIV-1 fusion and integrase inhibitors oleuropein and hydroxytyrosol: Part II. Integrase inhibition. <i>Biochemical and Biophysical Research Communications</i> , 2007, 354, 879-884.	1.0	65
14	Nitric Oxide Mediates 17β -Estradiol-Stimulated Human and Rodent Osteoblast Proliferation and Differentiation. <i>Biochemical and Biophysical Research Communications</i> , 2000, 277, 604-610.	1.0	61
15	Protection against TNF-Induced Lethal Shock by Soluble Guanylate Cyclase Inhibition Requires Functional Inducible Nitric Oxide Synthase. <i>Immunity</i> , 2000, 13, 223-231.	6.6	58
16	Proteolytic Fragments of Anti-HIV and Anti-tumor Proteins MAP30 and GAP31 Are Biologically Active. <i>Biochemical and Biophysical Research Communications</i> , 1999, 262, 615-623.	1.0	49
17	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> , 2002, 292, 441-448.	1.0	46
18	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> , 2000, 32, 1239-1248.	0.9	38

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19	Anti-HIV and anti-tumor protein MAP30, a 30 kDa single-strand type I RIP, shares similar secondary structure and β -sheet topology with the A chain of ricin, a type II RIP. <i>Protein Science</i> , 2000, 9, 138-144.	3.1	29
20	Renal abnormalities in mutant mice. <i>Nature</i> , 1996, 380, 292-292.	13.7	28
21	Sensitivity and specificity of an eye movement tracking-based biomarker for concussion. <i>Concussion</i> , 2016, 1, CNC3.	1.2	22
22	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> , 2006, 288A, 1000-1008.	2.0	21
23	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> , 2015, 10, e0121553.	1.1	20
24	Validation of Polygenic Scores for QT Interval in Clinical Populations. <i>Circulation: Cardiovascular Genetics</i> , 2017, 10, .	5.1	17
25	Crystallization and Preliminary X-ray Analysis of GAP 31. <i>Journal of Molecular Biology</i> , 1994, 240, 92-94.	2.0	11
26	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> , 2007, 426, 160-165.	1.0	11
27	Live-cell real-time imaging reveals role of mitochondria in cell-to-cell transmission of HIV-1. <i>Biochemical and Biophysical Research Communications</i> , 2011, 415, 384-389.	1.0	9
28	The effect of salt on renal damage in eNOS-deficient mice. <i>Hypertension Research</i> , 2010, 33, 170-176.	1.5	8
29	Physiological stress increases renal injury in eNOS-knockout mice. <i>Hypertension Research</i> , 2012, 35, 318-324.	1.5	6
30	HDAC5: going with the flow. <i>Blood</i> , 2010, 115, 2728-2729.	0.6	1
31	Live-Cell Real-Time Imaging of Mitochondria in HIV-1-Infected Cells. <i>AIDS Research and Human Retroviruses</i> , 2014, 30, 1025-1026.	0.5	1
32	The Discovery of MAP30 and Elucidation of its Medicinal Activities. , 2013, , 117-126.		1
33	A Novel nNOS Signaling Pathway Regulates Skeletal Muscle Size, Strength and Fatigue Resistance. <i>FASEB Journal</i> , 2008, 22, 835.8.	0.2	0