Yeh Siang Lau

List of Publications by Year
in descending order

24 papers	697 citations	430874 18 h-index	552781 26 g-index
26 all docs	26 docs citations	26 times ranked	1241 citing authors

#	Article	IF	Citations
1	Genome-wide CRISPR screen identifies LGALS2 as an oxidative stress-responsive gene with an inhibitory function on colon tumor growth. Oncogene, 2021, 40, 177-188.	5.9	25
2	Genetic disruption of the inflammasome adaptor ASC has minimal impact on the pathogenesis of Duchenne muscular dystrophy in mdx mice. Life Sciences, 2020, 257, 118069.	4.3	7
3	Life-Long AAV-Mediated CRISPR Genome Editing in Dystrophic Heart Improves Cardiomyopathy without Causing Serious Lesions in mdx Mice. Molecular Therapy, 2019, 27, 1407-1414.	8.2	39
4	A novel ANO5 splicing variant in a LGMD2L patient leads to production of a truncated aggregationâ€prone Ano5 peptide. Journal of Pathology: Clinical Research, 2018, 4, 135-145.	3.0	12
5	3â€²,4â€²-dihydroxyflavonol ameliorates endoplasmic reticulum stress-induced apoptosis and endothelial dysfunction in mice. Scientific Reports, 2018, 8, 1818.	3.3	20
6	Paeonol Attenuates LPS-Induced Endothelial Dysfunction and Apoptosis by Inhibiting BMP4 and TLR4 Signaling Simultaneously but Independently. Journal of Pharmacology and Experimental Therapeutics, 2018, 364, 420-432.	2.5	33
7	Automated muscle histopathology analysis using CellProfiler. Skeletal Muscle, 2018, 8, 32.	4.2	30
8	Development of muscular dystrophy in a CRISPR-engineered mutant rabbit model with frame-disrupting ANO5 mutations. Cell Death and Disease, 2018, 9, 609.	6.3	29
9	Adeno-Associated Virus-Mediated Delivery of CRISPR for Cardiac Gene Editing in Mice. Journal of Visualized Experiments, 2018, , .	0.3	4
10	A novel rabbit model of Duchenne muscular dystrophy generated by CRISPR/Cas9. DMM Disease Models and Mechanisms, 2018, 11, .	2.4	63
11	Angiotensin II Causes Î²-Cell Dysfunction Through an ER Stress-Induced Proinflammatory Response. Endocrinology, 2017, 158, 3162-3173.	2.8	25
12	Chronic treatment with paeonol improves endothelial function in mice through inhibition of endoplasmic reticulum stress-mediated oxidative stress. PLoS ONE, 2017, 12, e0178365.	2.5	35
13	Renal targeting potential of a polymeric drug carrier, poly-L-glutamic acid, in normal and diabetic rats. International Journal of Nanomedicine, 2017, Volume 12, 577-591.	6.7	15
14	Paeonol protects against endoplasmic reticulum stress-induced endothelial dysfunction via AMPK/PPARÎ´ signaling pathway. Biochemical Pharmacology, 2016, 116, 51-62.	4.4	47
15	Sodium nitrite exerts an antihypertensive effect and improves endothelial function through activation of eNOS in the SHR. Scientific Reports, 2016, 6, 33048.	3.3	34
16	Boldine Ameliorates Vascular Oxidative Stress and Endothelial Dysfunction. Journal of Cardiovascular Pharmacology, 2015, 65, 522-531.	1.9	42
17	Endothelium-Dependent Relaxation Effect of Apocynum venetum Leaf Extract via Src/PI3K/Akt Signalling Pathway. Nutrients, 2015, 7, 5239-5253.	4.1	10
18	Sodium nitrite causes relaxation of the isolated rat aorta: By stimulating both endothelial NO synthase and activating soluble guanylyl cyclase in vascular smooth muscle. Vascular Pharmacology, 2015, 74, 87-92.	2.1	20

#	Article	IF	Citations
19	Des-aspartate angiotensin I (DAA-I) reduces endothelial dysfunction in the aorta of the spontaneously hypertensive rat through inhibition of angiotensin II-induced oxidative stress. Vascular Pharmacology, 2015, 71, 151-158.	2.1	8
20	Angiotensin 1-7 Protects against Angiotensin II-Induced Endoplasmic Reticulum Stress and Endothelial Dysfunction via Mas Receptor. PLoS ONE, 2015, 10, e0145413.	2.5	46
21	Boldine protects endothelial function in hyperglycemia-induced oxidative stress through an antioxidant mechanism. Biochemical Pharmacology, 2013, 85, 367-375.	4.4	58
22	Boldine improves endothelial function in diabetic db/db mice through inhibition of angiotensin <scp>II</scp>â€mediated <scp>BMP4</scp>â€oxidative stress cascade. British Journal of Pharmacology, 2013, 170, 1190-1198.	5.4	45
23	The aporphine alkaloid boldine improves endothelial function in spontaneously hypertensive rats. Experimental Biology and Medicine, 2012, 237, 93-98.	2.4	24
24	Apocynum venetum leaf extract, an antihypertensive herb, inhibits rat aortic contraction induced by angiotensin II: A nitric oxide and superoxide connection. Journal of Ethnopharmacology, 2012, 143, 565-571.	4.1	22