Yeh Siang Lau

List of Publications by Year
in descending order

24	697	430874 18	552781 26
papers	citations	h-index	g-index

26	26	26	1241
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A novel rabbit model of Duchenne muscular dystrophy generated by CRISPR/Cas9. DMM Disease Models and Mechanisms, 2018, 11, .	2.4	63
2	Boldine protects endothelial function in hyperglycemia-induced oxidative stress through an antioxidant mechanism. Biochemical Pharmacology, 2013, 85, 367-375.	4.4	58
3	Paeonol protects against endoplasmic reticulum stress-induced endothelial dysfunction via AMPK/PPARÎ´ signaling pathway. Biochemical Pharmacology, 2016, 116, 51-62.	4.4	47
4	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
5	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
6	Boldine Ameliorates Vascular Oxidative Stress and Endothelial Dysfunction. Journal of Cardiovascular Pharmacology, 2015, 65, 522-531.	1.9	42
7	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
8	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
9	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
10	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
11	Automated muscle histopathology analysis using CellProfiler. Skeletal Muscle, 2018, 8, 32.	4.2	30
12	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
13	Angiotensin II Causes Î²-Cell Dysfunction Through an ER Stress-Induced Proinflammatory Response. Endocrinology, 2017, 158, 3162-3173.	2.8	25
14	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
15	The aporphine alkaloid boldine improves endothelial function in spontaneously hypertensive rats. Experimental Biology and Medicine, 2012, 237, 93-98.	2.4	24
16	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
17	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
18	3â€²,4â€²-dihydroxyflavonol ameliorates endoplasmic reticulum stress-induced apoptosis and endothelial dysfunction in mice. Scientific Reports, 2018, 8, 1818.	3.3	20

#	Article	IF	Citations
19	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
20	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
21	Endothelium-Dependent Relaxation Effect of Apocynum venetum Leaf Extract via Src/PI3K/Akt Signalling Pathway. Nutrients, 2015, 7, 5239-5253.	4.1	10
22	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
23	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
24	Adeno-Associated Virus-Mediated Delivery of CRISPR for Cardiac Gene Editing in Mice. Journal of Visualized Experiments, 2018, , .	0.3	4