

# Yeh Siang Lau

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

697  
citations

430442

18  
h-index

552369

26  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1241  
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel rabbit model of Duchenne muscular dystrophy generated by CRISPR/Cas9. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .	1.2	63
2	Boldine protects endothelial function in hyperglycemia-induced oxidative stress through an antioxidant mechanism. <i>Biochemical Pharmacology</i> , 2013, 85, 367-375.	2.0	58
3	Paeonol protects against endoplasmic reticulum stress-induced endothelial dysfunction via AMPK/PPAR $\gamma$ signaling pathway. <i>Biochemical Pharmacology</i> , 2016, 116, 51-62.	2.0	47
4	Angiotensin 1-7 Protects against Angiotensin II-Induced Endoplasmic Reticulum Stress and Endothelial Dysfunction via Mas Receptor. <i>PLoS ONE</i> , 2015, 10, e0145413.	1.1	46
5	Boldine improves endothelial function in diabetic <i>db/db</i> mice through inhibition of angiotensin II-mediated BMP4 oxidative stress cascade. <i>British Journal of Pharmacology</i> , 2013, 170, 1190-1198.	2.7	45
6	Boldine Ameliorates Vascular Oxidative Stress and Endothelial Dysfunction. <i>Journal of Cardiovascular Pharmacology</i> , 2015, 65, 522-531.	0.8	42
7	Life-Long AAV-Mediated CRISPR Genome Editing in Dystrophic Heart Improves Cardiomyopathy without Causing Serious Lesions in <i>mdx</i> Mice. <i>Molecular Therapy</i> , 2019, 27, 1407-1414.	3.7	39
8	Chronic treatment with paeonol improves endothelial function in mice through inhibition of endoplasmic reticulum stress-mediated oxidative stress. <i>PLoS ONE</i> , 2017, 12, e0178365.	1.1	35
9	Sodium nitrite exerts an antihypertensive effect and improves endothelial function through activation of eNOS in the SHR. <i>Scientific Reports</i> , 2016, 6, 33048.	1.6	34
10	Paeonol Attenuates LPS-Induced Endothelial Dysfunction and Apoptosis by Inhibiting BMP4 and TLR4 Signaling Simultaneously but Independently. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018, 364, 420-432.	1.3	33
11	Automated muscle histopathology analysis using CellProfiler. <i>Skeletal Muscle</i> , 2018, 8, 32.	1.9	30
12	Development of muscular dystrophy in a CRISPR-engineered mutant rabbit model with frame-disrupting ANO5 mutations. <i>Cell Death and Disease</i> , 2018, 9, 609.	2.7	29
13	Angiotensin II Causes $\beta^2$ -Cell Dysfunction Through an ER Stress-Induced Proinflammatory Response. <i>Endocrinology</i> , 2017, 158, 3162-3173.	1.4	25
14	Genome-wide CRISPR screen identifies LGALS2 as an oxidative stress-responsive gene with an inhibitory function on colon tumor growth. <i>Oncogene</i> , 2021, 40, 177-188.	2.6	25
15	The aporphine alkaloid boldine improves endothelial function in spontaneously hypertensive rats. <i>Experimental Biology and Medicine</i> , 2012, 237, 93-98.	1.1	24
16	Apocynum venetum leaf extract, an antihypertensive herb, inhibits rat aortic contraction induced by angiotensin II: A nitric oxide and superoxide connection. <i>Journal of Ethnopharmacology</i> , 2012, 143, 565-571.	2.0	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. <i>Vascular Pharmacology</i> , 2015, 74, 87-92.	1.0	20
18	3,4-dihydroxyflavonol ameliorates endoplasmic reticulum stress-induced apoptosis and endothelial dysfunction in mice. <i>Scientific Reports</i> , 2018, 8, 1818.	1.6	20

#	ARTICLE	IF	CITATIONS
19	Renal targeting potential of a polymeric drug carrier, poly-L-glutamic acid, in normal and diabetic rats. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 577-591.	3.3	15
20	A novel <i>ANO5</i> splicing variant in a LGMD2L patient leads to production of a truncated aggregation-prone Ano5 peptide. <i>Journal of Pathology: Clinical Research</i> , 2018, 4, 135-145.	1.3	12
21	Endothelium-Dependent Relaxation Effect of Apocynum venetum Leaf Extract via Src/PI3K/Akt Signalling Pathway. <i>Nutrients</i> , 2015, 7, 5239-5253.	1.7	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. <i>Vascular Pharmacology</i> , 2015, 71, 151-158.	1.0	8
23	Genetic disruption of the inflammasome adaptor ASC has minimal impact on the pathogenesis of Duchenne muscular dystrophy in mdx mice. <i>Life Sciences</i> , 2020, 257, 118069.	2.0	7
24	Adeno-Associated Virus-Mediated Delivery of CRISPR for Cardiac Gene Editing in Mice. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	4