

David Wu

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

750
citations

1040056

9
h-index

996975

15
g-index

21
all docs

21
docs citations

21
times ranked

1359
citing authors

#	ARTICLE	IF	CITATIONS
1	IL-6 Inhibition in Critically Ill COVID-19 Patients Is Associated With Increased Secondary Infections. <i>Frontiers in Medicine</i> , 2020, 7, 583897.	2.6	125
2	HIF-1 α is required for disturbed flow-induced metabolic reprogramming in human and porcine vascular endothelium. <i>ELife</i> , 2017, 6, .	6.0	120
3	Mechanosensing and Mechanoregulation of Endothelial Cell Functions. , 2019, 9, 873-904.		115
4	Transforming Growth Factor (TGF)- β 2 Promotes de Novo Serine Synthesis for Collagen Production. <i>Journal of Biological Chemistry</i> , 2016, 291, 27239-27251.	3.4	102
5	Genetic variant at coronary artery disease and ischemic stroke locus 1p32.2 regulates endothelial responses to hemodynamics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E11349-E11358.	7.1	58
6	Experimental Lung Injury Reduces Kr α ppel-like Factor 2 to Increase Endothelial Permeability via Regulation of RAPGEF3 α Rac1 Signaling. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 639-651.	5.6	54
7	Inhibition of Phosphoglycerate Dehydrogenase Attenuates Bleomycin-induced Pulmonary Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 58, 585-593.	2.9	53
8	Single-cell metabolic imaging reveals a SLC2A3-dependent glycolytic burst in motile endothelial cells. <i>Nature Metabolism</i> , 2021, 3, 714-727.	11.9	37
9	Endothelial Cell Mechano-Metabolomic Coupling to Disease States in the Lung Microvasculature. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 172.	4.1	33
10	Targeted polyelectrolyte complex micelles treat vascular complications in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	20
11	Tracking Longitudinal Rotation of Silicon Nanowires for Biointerfaces. <i>Nano Letters</i> , 2020, 20, 3852-3857.	9.1	11
12	Mechanical forces and metabolic changes cooperate to drive cellular memory and endothelial phenotypes. <i>Current Topics in Membranes</i> , 2021, 87, 199-253.	0.9	9
13	SARS-CoV-2 Infection Is Associated with Reduced Kr α ppel-like Factor 2 in Human Lung Autopsy. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021, 65, 222-226.	2.9	5
14	Intermittent Hypoxia-Induced Activation of Endothelial Cells Is Mediated via Sympathetic Activation-Dependent Catecholamine Release. <i>Frontiers in Physiology</i> , 2021, 12, 701995.	2.8	5
15	Single-cell lactate production rate as a measure of glycolysis in endothelial cells. <i>STAR Protocols</i> , 2021, 2, 100807.	1.2	2
16	Letter by Wu et al Regarding Article, "Mechanical Activation of Hypoxia-Inducible Factor 1 α Drives Endothelial Dysfunction at Atheroprone Sites" Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, e197-e198.	2.4	1
17	Role of Cellular Metabolism in Pulmonary Diseases. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 59, 127-129.	2.9	0
18	Update in Critical Care 2020. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 1088-1098.	5.6	0