

David Wu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8694828/publications.pdf>

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	Update in Critical Care 2020. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 1088-1098.	5.6	0
2	SARS-CoV-2 Infection Is Associated with Reduced KrÄppel-like Factor 2 in Human Lung Autopsy. American Journal of Respiratory Cell and Molecular Biology, 2021, 65, 222-226.	2.9	5
3	Single-cell metabolic imaging reveals a SLC2A3-dependent glycolytic burst in motile endothelial cells. Nature Metabolism, 2021, 3, 714-727.	11.9	37
4	Intermittent Hypoxia-Induced Activation of Endothelial Cells Is Mediated via Sympathetic Activation-Dependent Catecholamine Release. Frontiers in Physiology, 2021, 12, 701995.	2.8	5
5	Single-cell lactate production rate as a measure of glycolysis in endothelial cells. STAR Protocols, 2021, 2, 100807.	1.2	2
6	Mechanical forces and metabolic changes cooperate to drive cellular memory and endothelial phenotypes. Current Topics in Membranes, 2021, 87, 199-253.	0.9	9
7	Targeted polyelectrolyte complex micelles treat vascular complications inÂvivo. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	20
8	IL-6 Inhibition in Critically Ill COVID-19 Patients Is Associated With Increased Secondary Infections. Frontiers in Medicine, 2020, 7, 583897.	2.6	125
9	Tracking Longitudinal Rotation of Silicon Nanowires for Biointerfaces. Nano Letters, 2020, 20, 3852-3857.	9.1	11
10	Endothelial Cell Mechano-Metabolomic Coupling to Disease States in the Lung Microvasculature. Frontiers in Bioengineering and Biotechnology, 2019, 7, 172.	4.1	33
11	Mechanosensing and Mechanoregulation of Endothelial Cell Functions. , 2019, 9, 873-904.		115
12	Inhibition of Phosphoglycerate Dehydrogenase Attenuates Bleomycin-induced Pulmonary Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2018, 58, 585-593.	2.9	53
13	Genetic variant at coronary artery disease and ischemic stroke locus 1p32.2 regulates endothelial responses to hemodynamics. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E11349-E11358.	7.1	58
14	Role of Cellular Metabolism in Pulmonary Diseases. American Journal of Respiratory Cell and Molecular Biology, 2018, 59, 127-129.	2.9	0
15	Experimental Lung Injury Reduces KrÄppel-like Factor 2 to Increase Endothelial Permeability via Regulation of RAPGEF3â€“Rac1 Signaling. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 639-651.	5.6	54
16	Letter by Wu et al Regarding Article, â€œMechanical Activation of Hypoxia-Inducible Factor 1Î± Drives Endothelial Dysfunction at Atheroprone Sitesâ€• Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, e197-e198.	2.4	1
17	HIF-1Î± is required for disturbed flow-induced metabolic reprogramming in human and porcine vascular endothelium. ELife, 2017, 6, .	6.0	120
18	Transforming Growth Factor (TGF)-Î² Promotes de Novo Serine Synthesis for Collagen Production. Journal of Biological Chemistry, 2016, 291, 27239-27251.	3.4	102