

Lynn C Welch

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7978635/publications.pdf>

Version: 2024-02-01

19
papers

971
citations

516681

16
h-index

794568

19
g-index

22
all docs

22
docs citations

22
times ranked

1159
citing authors

#	ARTICLE	IF	CITATIONS
1	Lung Injury Induces Alveolar Type 2 Cell Hypertrophy and Polyploidy with Implications for Repair and Regeneration. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, 66, 564-576.	2.9	14
2	Hypercapnia Regulates Gene Expression and Tissue Function. <i>Frontiers in Physiology</i> , 2020, 11, 598122.	2.8	8
3	Impaired phagocytic function in CX3CR1 ⁺ tissue-resident skeletal muscle macrophages prevents muscle recovery after influenza A virus-induced pneumonia in old mice. <i>Aging Cell</i> , 2020, 19, e13180.	6.7	21
4	High CO ₂ Levels Impair Lung Wound Healing. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 63, 244-254.	2.9	17
5	Elevated CO ₂ Levels Delay Skeletal Muscle Repair by Increasing Fatty Acid Oxidation. <i>Frontiers in Physiology</i> , 2020, 11, 630910.	2.8	11
6	Cardiac glycosides decrease influenza virus replication by inhibiting cell protein translational machinery. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019, 316, L1094-L1106.	2.9	28
7	Elevated CO ₂ regulates the Wnt signaling pathway in mammals, <i>Drosophila melanogaster</i> and <i>Caenorhabditis elegans</i> . <i>Scientific Reports</i> , 2019, 9, 18251.	3.3	24
8	Influenza A Virus Infection Induces Muscle Wasting via IL-6 Regulation of the E3 Ubiquitin Ligase Atrogin-1. <i>Journal of Immunology</i> , 2019, 202, 484-493.	0.8	35
9	Hypercapnia increases airway smooth muscle contractility via caspase-7-mediated miR-133a-RhoA signaling. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	39
10	HIF and HOIL-1-mediated PKC \uparrow degradation stabilizes plasma membrane Na,K-ATPase to protect against hypoxia-induced lung injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E10178-E10186.	7.1	48
11	High CO ₂ Leads to Na,K-ATPase Endocytosis via c-Jun Amino-Terminal Kinase-Induced LMO7b Phosphorylation. <i>Molecular and Cellular Biology</i> , 2015, 35, 3962-3973.	2.3	29
12	High CO ₂ Levels Cause Skeletal Muscle Atrophy via AMP-activated Kinase (AMPK), FoxO3a Protein, and Muscle-specific Ring Finger Protein 1 (MuRF1). <i>Journal of Biological Chemistry</i> , 2015, 290, 9183-9194.	3.4	101
13	Hypercapnia Impairs Lung Neutrophil Function and Increases Mortality in Murine <i>Pseudomonas</i> Pneumonia. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 49, 821-828.	2.9	91
14	Evolutionary Conserved Role of c-Jun-N-Terminal Kinase in CO ₂ -Induced Epithelial Dysfunction. <i>PLoS ONE</i> , 2012, 7, e46696.	2.5	42
15	Hypoxia Leads to Na,K-ATPase Downregulation via Ca ²⁺ Release-Activated Ca ²⁺ Channels and AMPK Activation. <i>Molecular and Cellular Biology</i> , 2011, 31, 3546-3556.	2.3	127
16	Extracellular signal-regulated kinase (ERK) participates in the hypercapnia-induced Na,K-ATPase downregulation. <i>FEBS Letters</i> , 2010, 584, 3985-3989.	2.8	42
17	AMP-activated protein kinase regulates CO ₂ -induced alveolar epithelial dysfunction in rats and human cells by promoting Na,K-ATPase endocytosis. <i>Journal of Clinical Investigation</i> , 2008, 118, 752-62.	8.2	146
18	High CO ₂ Levels Impair Alveolar Epithelial Function Independently of pH. <i>PLoS ONE</i> , 2007, 2, e1238.	2.5	108

#	ARTICLE	IF	CITATIONS
19	Phosphorylation and ubiquitination are necessary for Na,K-ATPase endocytosis during hypoxia. Cellular Signalling, 2007, 19, 1893-1898.	3.6	40