Surafel Mulugeta

List of Publications by Year
in descending order

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28 papers	1,855 citations	394421 19 h-index	610901 24 g-index
29 all docs	29 docs citations	29 times ranked	1596 citing authors

#	Article	IF	Citations
1	A Surfactant Protein C Precursor Protein BRICHOS Domain Mutation Causes Endoplasmic Reticulum Stress, Proteasome Dysfunction, and Caspase 3 Activation. American Journal of Respiratory Cell and Molecular Biology, 2005, 32, 521-530.	2.9	238
2	Identification of LBM180, a Lamellar Body Limiting Membrane Protein of Alveolar Type II Cells, as the ABC Transporter Protein ABCA3. Journal of Biological Chemistry, 2002, 277, 22147-22155.	3.4	187
3	SURFACTANT PROTEIN C BIOSYNTHESIS AND ITS EMERGING ROLE IN CONFORMATIONAL LUNG DISEASE. Annual Review of Physiology, 2005, 67, 663-696.	13.1	176
4	Expression of mutant Sftpc in murine alveolar epithelia drives spontaneous lung fibrosis. Journal of Clinical Investigation, 2018, 128, 4008-4024.	8.2	152
5	Deletion of exon 4 from human surfactant protein C results in aggresome formation and generation of a dominant negative. Journal of Cell Science, 2003, 116, 683-692.	2.0	121
6	Misfolded BRICHOS SP-C mutant proteins induce apoptosis via caspase-4- and cytochrome c-related mechanisms. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 293, L720-L729.	2.9	120
7	Surfactant protein C: Its unique properties and emerging immunomodulatory role in the lung. Microbes and Infection, 2006, 8, 2317-2323.	1.9	97
8	Lost after translation: insights from pulmonary surfactant for understanding the role of alveolar epithelial dysfunction and cellular quality control in fibrotic lung disease. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L507-L525.	2.9	92
9	The biology of the ABCA3 lipid transporter in lung health and disease. Cell and Tissue Research, 2017, 367, 481-493.	2.9	82
10	A non-BRICHOSSFTPCmutant (SP-C^{I73T}) linked to interstitial lung disease promotes a late block in macroautophagy disrupting cellular proteostasis and mitophagy. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 308, L33-L47.	2.9	77
11	A SFTPC BRICHOS mutant links epithelial ER stress and spontaneous lung fibrosis. JCI Insight, 2019, 4, .	5.0	66
12	Endoplasmic Reticulum Stress Induced by Surfactant Protein C BRICHOS Mutants Promotes Proinflammatory Signaling by Epithelial Cells. American Journal of Respiratory Cell and Molecular Biology, 2011, 44, 404-414.	2.9	59
13	Conditional deletion of Nedd4-2 in lung epithelial cells causes progressive pulmonary fibrosis in adult mice. Nature Communications, 2020, 11, 2012.	12.8	52
14	Biosynthesis of Surfactant Protein C (SP-C). Journal of Biological Chemistry, 2002, 277, 19929-19937.	3.4	50
15	A Nonaggregating Surfactant Protein C Mutant Is Misdirected to Early Endosomes and Disrupts Phospholipid Recycling. Traffic, 2011, 12, 1196-1210.	2.7	48
16	Patient-specific iPSCs carrying an SFTPC mutation reveal the intrinsic alveolar epithelial dysfunction at the inception of interstitial lung disease. Cell Reports, 2021, 36, 109636.	6.4	48
17	Multiple ways to die: Delineation of the unfolded protein response and apoptosis induced by Surfactant Protein C BRICHOS mutants. International Journal of Biochemistry and Cell Biology, 2012, 44, 101-112.	2.8	47
18	Epithelial Expression of an Interstitial Lung Diseaseâ€“Associated Mutation in Surfactant Protein-C Modulates Recruitment and Activation of Key Myeloid Cell Populations in Mice. Journal of Immunology, 2019, 202, 2760-2771.	0.8	40

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19	Processing of Surfactant Protein C Requires a Type II Transmembrane Topology Directed by Juxtamembrane Positively Charged Residues. Journal of Biological Chemistry, 2003, 278, 47979-47986.	3.4	22
20	Anterograde Transport of Surfactant Protein C Proprotein to Distal Processing Compartments Requires PPDY-mediated Association with Nedd4 Ubiquitin Ligases. Journal of Biological Chemistry, 2009, 284, 16667-16678.	3.4	20
21	Aberrant lung remodeling in a mouse model of surfactant dysregulation induced by modulation of the Abca3 gene. Annals of Anatomy, 2017, 210, 135-146.	1.9	20
22	The common ABCA3^{E292V} variant disrupts AT2 cell quality control and increases susceptibility to lung injury and aberrant remodeling. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 321, L291-L307.	2.9	16
23	Congenital Deletion of Nedd4-2 in Lung Epithelial Cells Causes Progressive Alveolitis and Pulmonary Fibrosis in Neonatal Mice. International Journal of Molecular Sciences, 2021, 22, 6146.	4.1	12
24	Role of CCR2+ Myeloid Cells in Inflammation Responses Driven by Expression of a Surfactant Protein-C Mutant in the Alveolar Epithelium. Frontiers in Immunology, 2021, 12, 665818.	4.8	10
25	A Novel xLxxKN Targeting Motif of ATP Binding Cassette Class A Transporters. FASEB Journal, 2010, 24, 687.5.	0.5	0
26	Rab38 targets to and regulates the sizes of a subset of larger and older LBs in the alveolar type II pneumocyte. FASEB Journal, 2013, 27, 915.4.	0.5	0
27	Methodological caveats regarding â€œNovel insights into surfactant protein C trafficking revealed through the study of a pathogenic mutantâ€• European Respiratory Journal, 2022, 59, 2102974.	6.7	0
28	Disruption of Proteostasis Causes IRE1 Mediated Reprogramming of Alveolar Epithelial Cells in Lung Fibrosis. FASEB Journal, 2022, 36, .	0.5	0