

Alveolar epithelial type II cell: defender of the alveolus

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Alveolar Epithelial Repair in Acute Lung Injury. , 2001, , 163-176.		0
2	Oxygen-sensing mechanisms and the regulation of redox-responsive transcription factors in development and pathophysiology. <i>Respiratory Research</i> , 2002, 3, 26.	1.4	80
3	Pulmonary Innate Immune Proteins and Receptors that Interact with Gram-positive Bacterial Ligands. <i>Immunobiology</i> , 2002, 205, 575-594.	0.8	62
4	In vivo and in vitro uptake of surfactant lipids by alveolar type II cells and macrophages. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2002, 283, L648-L654.	1.3	29
5	Toll-like receptor λ 2 is expressed by alveolar epithelial cells type λ II and macrophages in the human lung. <i>Histochemistry and Cell Biology</i> , 2003, 119, 103-108.	0.8	108
6	Differentiation of human alveolar epithelial cells in primary culture: morphological characterization and synthesis of caveolin-1 and surfactant protein-C. <i>Cell and Tissue Research</i> , 2003, 311, 31-45.	1.5	141
7	Matrilysin (Matrix Metalloproteinase-7) Mediates E-Cadherin Ectodomain Shedding in Injured Lung Epithelium. <i>American Journal of Pathology</i> , 2003, 162, 1831-1843.	1.9	289
8	Reduced vascular endothelial growth factor correlates with alveolar epithelial damage after experimental ischemia and reperfusion. <i>Journal of Heart and Lung Transplantation</i> , 2003, 22, 967-978.	0.3	29
9	Mesenchymal stem cell engraftment in lung is enhanced in response to bleomycin exposure and ameliorates its fibrotic effects. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 8407-8411.	3.3	1,297
10	Surfactant Homeostasis Is Maintained In Vivo during Keratinocyte Growth Factor λ 2-induced Rat Lung Type II Cell Hyperplasia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003, 167, 1264-1270.	2.5	21
11	Effects of vascular endothelial growth factor on isolated fetal alveolar type II cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2004, 286, L1293-L1301.	1.3	41
12	Hepato-Derived Growth Factor Is Involved in Lung Remodeling by Stimulating Epithelial Growth. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2004, 30, 459-469.	1.4	37
13	Transforming Growth Factor λ 2 Antagonizes Alveolar Type II Cell Proliferation Induced by Keratinocyte Growth Factor. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2004, 31, 679-686.	1.4	54
14	The use of alveolar epithelial type I cell-selective markers to investigate lung injury and repair. <i>European Respiratory Journal</i> , 2004, 24, 664-673.	3.1	113
15	Interleukin λ 1 λ 2 induces λ 2-related peptide secretion in human type II alveolar epithelial cells. <i>FASEB Journal</i> , 2004, 18, 1603-1605.	0.2	31
16	Understanding the mechanisms of drug-associated interstitial lung disease. <i>British Journal of Cancer</i> , 2004, 91, S31-S37.	2.9	73
17	Fatal pulmonary fibrosis associated with BCNU: the relative role of platelet-derived growth factor-B, insulin-like growth factor I, transforming growth factor- λ 1 and cyclooxygenase-2. <i>Bone Marrow Transplantation</i> , 2004, 34, 609-614.	1.3	17
18	Lung epithelial cell lines in coculture with human pulmonary microvascular endothelial cells: development of an alveolo-capillary barrier in vitro. <i>Laboratory Investigation</i> , 2004, 84, 736-752.	1.7	243

#	ARTICLE	IF	CITATIONS
19	Occurrence of lipid bodies in canine type II pneumocytes during hypothermic lung ischemia. <i>The Anatomical Record</i> , 2004, 277A, 287-297.	2.3	10
20	Increased susceptibility to urethane-induced lung tumors in mice with decreased expression of connexin43. <i>Carcinogenesis</i> , 2004, 25, 1973-1982.	1.3	80
21	Epithelial-Mesenchymal Interactions in the Developing Lung. <i>Annual Review of Physiology</i> , 2004, 66, 625-645.	5.6	297
22	Isolation and Culture of Human Alveolar Epithelial Cells. , 2005, 107, 207-216.		32
23	CD208/Dendritic Cell-Lysosomal Associated Membrane Protein Is a Marker of Normal and Transformed Type II Pneumocytes. <i>American Journal of Pathology</i> , 2004, 164, 861-871.	1.9	66
24	Redox and oxidant-mediated regulation of apoptosis signaling pathways: immuno-pharmaco-redox conception of oxidative siege versus cell death commitment. <i>International Immunopharmacology</i> , 2004, 4, 475-493.	1.7	118
25	Reactive Type II Pneumocytes in Bronchoalveolar Lavage Fluid. <i>Acta Cytologica</i> , 2004, 48, 497-504.	0.7	35
26	Serum KL-6 and Surfactant Proteins A and D in Pediatric Interstitial Lung Disease. <i>Chest</i> , 2005, 127, 403-407.	0.4	53
27	Alveoli: Gas Exchange and Host Defense. , 2005, , 224-225.		0
28	Identification of Novel Resident Pulmonary Stem Cells: Form and Function of the Lung Side Population. <i>Stem Cells</i> , 2005, 23, 1073-1081.	1.4	81
29	Stem cells and pulmonary metamorphosis: New concepts in repair and regeneration. <i>Journal of Cellular Physiology</i> , 2005, 204, 725-741.	2.0	43
30	Design-based stereological analysis of the lung parenchymal architecture and alveolar type II cells in surfactant protein A and D double deficient mice. <i>The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology</i> , 2005, 286A, 885-890.	2.0	32
32	Protective effect of IL-6 on alveolar epithelial cell death induced by hydrogen peroxide. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2005, 288, L342-L349.	1.3	50
33	Coexpression of RTI40 with alveolar epithelial type II cell proteins in lungs following injury: identification of alveolar intermediate cell types. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2005, 289, L382-L390.	1.3	22
34	Primary type II alveolar epithelial cells present microbial antigens to antigen-specific CD4+T cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2005, 289, L274-L279.	1.3	92
35	<i>Pneumocystis carinii</i> Activates the NF- κ B Signaling Pathway in Alveolar Epithelial Cells. <i>Infection and Immunity</i> , 2005, 73, 2766-2777.	1.0	60
36	Laminin-6 assembles into multimolecular fibrillar complexes with perlecan and participates in mechanical-signal transduction via a dystroglycan-dependent, integrin-independent mechanism. <i>Journal of Cell Science</i> , 2005, 118, 2557-2566.	1.2	55
37	Ca ²⁺ Induced Surfactant Secretion in Alveolar Type II Cultures Isolated from the H-2K ^b -tsA58 Transgenic Mouse. <i>Cellular Physiology and Biochemistry</i> , 2005, 15, 159-166.	1.1	10

#	ARTICLE	IF	CITATIONS
38	Endogenous Calcitonin Gene-related Peptide Protects Human Alveolar Epithelial Cells through Protein Kinase C μ and Heat Shock Protein*. Journal of Biological Chemistry, 2005, 280, 20325-20330.	1.6	34
39	Differential expression of GABAA receptor γ subunit in cultured rat alveolar epithelial cells. Cell and Tissue Research, 2005, 321, 173-183.	1.5	30
40	Hemoglobin is expressed in alveolar epithelial type II cells. Biochemical and Biophysical Research Communications, 2005, 333, 1348-1352.	1.0	54
41	Donor pretreatment using the aerosolized prostacyclin analogue iloprost optimizes post-ischemic function of non-heart beating donor lungs. Journal of Heart and Lung Transplantation, 2005, 24, 371-378.	0.3	22
42	Inhalative Pre-Treatment of Donor Lungs Using the Aerosolized Prostacyclin Analog Iloprost Ameliorates Reperfusion Injury. Journal of Heart and Lung Transplantation, 2005, 24, 1673-1679.	0.3	15
43	Human respiratory epithelial cell culture for drug delivery applications. European Journal of Pharmaceutics and Biopharmaceutics, 2005, 60, 193-205.	2.0	266
44	Improved lung preservation relates to an increase in tubular myelin-associated surfactant protein A. Respiratory Research, 2005, 6, 60.	1.4	18
45	MODULATION OF ENDOTOXIN-INDUCED NEUTROPHIL TRANSENDOTHELIAL MIGRATION BY ALVEOLAR EPITHELIUM IN A DEFINED BILAYER MODEL. Experimental Lung Research, 2006, 32, 455-482.	0.5	20
46	Lung epithelium as a sentinel and effector system in pneumonia \hat{a} molecular mechanisms of pathogen recognition and signal transduction. Respiratory Research, 2006, 7, 97.	1.4	128
47	Endobronchial Donor Pre-Treatment With Ventavis: Is a Second Administration During Reperfusion Beneficial to Optimize Post-Ischemic Function of Non-Heart Beating Donor Lungs?. Journal of Surgical Research, 2006, 136, 136-142.	0.8	3
48	Volatile anaesthetic halothane causes DNA damage in A549 lung cells. Toxicology in Vitro, 2006, 20, 585-593.	1.1	14
49	EPITHELIAL CELLS Type II Cells. , 2006, , 138-142.		3
50	Improved cell typing by charge-state deconvolution of matrix-assisted laser desorption/ionization mass spectra. Rapid Communications in Mass Spectrometry, 2006, 20, 1595-1603.	0.7	9
51	Calcitonin gene-related peptide inhibits interleukin-1 γ -induced interleukin-8 secretion in human type II alveolar epithelial cells. Acta Pharmacologica Sinica, 2006, 27, 1340-1345.	2.8	14
52	Stem cells in the lung parenchyma and prospects for lung injury therapy. European Journal of Clinical Investigation, 2006, 36, 310-319.	1.7	25
53	A brief update on lung stereology. Journal of Microscopy, 2006, 222, 188-200.	0.8	141
54	Alveolar type I cells protect rat lung epithelium from oxidative injury. Journal of Physiology, 2006, 572, 625-638.	1.3	45
55	The alveolar type I cells: the new knight of the alveolus?. Journal of Physiology, 2006, 572, 609-610.	1.3	12

#	ARTICLE	IF	CITATIONS
56	Surfactant protein C: Its unique properties and emerging immunomodulatory role in the lung. <i>Microbes and Infection</i> , 2006, 8, 2317-2323.	1.0	97
57	Interstitial Lung Disease in Patients with Non-Small-Cell Lung Cancer Treated with Epidermal Growth Factor Receptor Inhibitors. <i>Medical Oncology</i> , 2006, 23, 161-170.	1.2	41
58	In vivo, in vitro and ex vivo models to assess pulmonary absorption and disposition of inhaled therapeutics for systemic delivery. <i>Advanced Drug Delivery Reviews</i> , 2006, 58, 1030-1060.	6.6	294
59	Ozone induces oxidative stress in rat alveolar type II and type I-like cells. <i>Free Radical Biology and Medicine</i> , 2006, 40, 1914-1928.	1.3	42
60	Improved anti-oxidant activity of superoxide dismutase by direct chemical modification. <i>Journal of Controlled Release</i> , 2006, 111, 204-211.	4.8	15
61	Cell-specific Gene Expression in Patients with Usual Interstitial Pneumonia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006, 174, 557-565.	2.5	40
62	Expression of JP-8â€œInduced Inflammatory Genes in AELI Cells Is Mediated by NF-Î² and PARP-1. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2006, 35, 479-487.	1.4	14
63	Gene Induction during Differentiation of Human Pulmonary Type II Cells In Vitro. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2006, 34, 727-737.	1.4	71
64	Quantitative morphology of compensatory lung growth. <i>European Respiratory Review</i> , 2006, 15, 148-156.	3.0	20
65	Calcitonin gene-related peptide inhibits interleukin-1 ² -induced endogenous monocyte chemoattractant protein-1 secretion in type II alveolar epithelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2006, 291, C456-C465.	2.1	27
66	Identification of pulmonary Oct-4+ stem/progenitor cells and demonstration of their susceptibility to SARS coronavirus (SARS-CoV) infection in vitro. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 9530-9535.	3.3	176
67	Laminin-311 (Laminin-6) Fiber Assembly by Type I-like Alveolar Cells. <i>Journal of Histochemistry and Cytochemistry</i> , 2006, 54, 665-672.	1.3	19
68	Stereological analysis of acute lung injury. <i>European Respiratory Review</i> , 2006, 15, 115-121.	3.0	21
69	Pneumocystis stimulates MCP-1 production by alveolar epithelial cells through a JNK-dependent mechanism. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2007, 292, L1495-L1505.	1.3	46
70	Regulation of surfactant secretion in alveolar type II cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2007, 293, L259-L271.	1.3	179
72	Intratracheal Transplantation of Alveolar Type II Cells Reverses Bleomycin-induced Lung Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007, 176, 1261-1268.	2.5	145
73	Thyroid Transcription Factor in Differentiating Type II Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2007, 36, 213-225.	1.4	73
74	Protective Role of Macrophages in Noninflammatory Lung Injury Caused by Selective Ablation of Alveolar Epithelial Type II Cells. <i>Journal of Immunology</i> , 2007, 178, 5001-5009.	0.4	60

#	ARTICLE	IF	CITATIONS
75	Trans-differentiation of Alveolar Epithelial Type II Cells to Type I Cells Involves Autocrine Signaling by Transforming Growth Factor β 1 through the Smad Pathway. <i>Journal of Biological Chemistry</i> , 2007, 282, 3968-3976.	1.6	73
77	Preischemic Iloprost Application for Improvement of Graft Preservation: Which Route is Superior in Experimental Pig Lung Transplantation: Inhaled or Intravenous?. <i>Transplantation Proceedings</i> , 2007, 39, 1345-1349.	0.3	5
78	In vitro toxicity evaluation of single walled carbon nanotubes on human A549 lung cells. <i>Toxicology in Vitro</i> , 2007, 21, 438-448.	1.1	399
79	Phenotypic alterations in type II alveolar epithelial cells in CD4+ T cell mediated lung inflammation. <i>Respiratory Research</i> , 2007, 8, 47.	1.4	24
80	Effects of keratinocyte growth factor on intra-alveolar surfactant fixed in situ: Quantitative ultrastructural and immunoelectron microscopic analysis. <i>Anatomical Record</i> , 2007, 290, 974-980.	0.8	1
81	Deletion of a single allele of Cx43 is associated with a reduction in the gap junctional intercellular communication and increased cell proliferation of mouse lung pneumocytes type II. <i>Cell Proliferation</i> , 2007, 40, 411-421.	2.4	16
82	Injured microenvironment directly guides the differentiation of engrafted Flk-1+ mesenchymal stem cell in lung. <i>Experimental Hematology</i> , 2007, 35, 1466-1475.	0.2	112
83	Efficient protection by cationized catalase against H ₂ O ₂ injury in primary cultured alveolar epithelial cells. <i>Journal of Controlled Release</i> , 2007, 121, 74-80.	4.8	10
84	New Insights into the Pathogenesis and Treatment of Idiopathic Pulmonary Fibrosis: A Potential Role for Stem Cells in the Lung Parenchyma and Implications for Therapy. <i>Pharmaceutical Research</i> , 2007, 24, 819-841.	1.7	93
85	Comparative characterization of pulmonary surfactant aggregates and alkaline phosphatase isozymes in human lung carcinoma tissue. <i>Cell and Tissue Research</i> , 2007, 328, 355-363.	1.5	4
86	Comparison of Albumin Uptake in Rat Alveolar Type II and Type I-like Epithelial Cells in Primary Culture. <i>Pharmaceutical Research</i> , 2008, 25, 913-922.	1.7	52
87	Expression profile of early lung adenocarcinoma: identification of MRP3 as a molecular marker for early progression. <i>Journal of Pathology</i> , 2008, 216, 75-82.	2.1	22
88	Histamine H1-receptor antagonists inhibit nuclear factor- κ B and activator protein-1 activities via H1-receptor-dependent and -independent mechanisms. <i>Clinical and Experimental Allergy</i> , 2008, 38, 947-956.	1.4	32
89	Spectral Monitoring of Surfactant Clearance during Alveolar Epithelial Type II Cell Differentiation. <i>Biophysical Journal</i> , 2008, 95, 5978-5987.	0.2	28
90	Exogenous surfactant application in a rat lung ischemia reperfusion injury model: effects on edema formation and alveolar type II cells. <i>Respiratory Research</i> , 2008, 9, 5.	1.4	20
91	Prenatal treatment with retinoic acid accelerates type I alveolar cell proliferation of the hypoplastic lung in the nitrofen model of congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2008, 43, 367-372.	0.8	37
92	Peptidoglycan-mediated IL-8 expression in human alveolar type II epithelial cells requires lipid raft formation and MAPK activation. <i>Molecular Immunology</i> , 2008, 45, 1665-1673.	1.0	31
93	Efficient drug targeting to rat alveolar macrophages by pulmonary administration of ciprofloxacin incorporated into mannoseylated liposomes for treatment of respiratory intracellular parasitic infections. <i>Journal of Controlled Release</i> , 2008, 127, 50-58.	4.8	146

#	ARTICLE	IF	CITATIONS
94	Serum-Free Differentiation of Murine Embryonic Stem Cells into Alveolar Type II Epithelial Cells. <i>Cloning and Stem Cells</i> , 2008, 10, 49-64A-C.	2.6	35
95	Alveolar Epithelial Type II Cells Induce T Cell Tolerance to Specific Antigen. <i>Journal of Immunology</i> , 2008, 180, 881-888.	0.4	71
96	Exosomes from Bronchoalveolar Fluid of Tolerized Mice Prevent Allergic Reaction. <i>Journal of Immunology</i> , 2008, 181, 1519-1525.	0.4	151
97	Redox Regulation of Epithelial Sodium Channels Examined in Alveolar Type 1 and 2 Cells Patch-clamped in Lung Slice Tissue. <i>Journal of Biological Chemistry</i> , 2008, 283, 22875-22883.	1.6	63
98	Annexin A2 Interactions with Rab14 in Alveolar Type II Cells. <i>Journal of Biological Chemistry</i> , 2008, 283, 13156-13164.	1.6	23
99	Pulmonary cell culture models to study the safety and efficacy of innovative aerosol medicines. <i>Expert Opinion on Drug Delivery</i> , 2008, 5, 641-652.	2.4	25
100	Design of a new variable-ventilation method optimized for lung recruitment in mice. <i>Journal of Applied Physiology</i> , 2008, 104, 1329-1340.	1.2	43
101	Stem Cell Biology in the Lung and Lung Cancers: Using Pulmonary Context and Classic Approaches. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2008, 73, 479-490.	2.0	10
102	Wood smoke extract promotes both apoptosis and proliferation in rat alveolar epithelial type II cells: The role of oxidative stress and heme oxygenase-1*. <i>Critical Care Medicine</i> , 2008, 36, 2597-2606.	0.4	44
103	Early and sustained innate immune response defines pathology and death in nonhuman primates infected by highly pathogenic influenza virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 3455-3460.	3.3	328
104	Host-pathogen interactions during coronavirus infection of primary alveolar epithelial cells. <i>Journal of Leukocyte Biology</i> , 2009, 86, 1145-1151.	1.5	20
105	Efficient Derivation of Alveolar Type II Cells from Embryonic Stem Cells for <i>In Vivo</i> Application. <i>Tissue Engineering - Part A</i> , 2009, 15, 3351-3365.	1.6	78
106	Alveolar Type II Epithelial Cells Present Antigen to CD4 ⁺ T Cells and Induce Foxp3 ⁺ Regulatory T Cells. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 179, 344-355.	2.5	95
107	Macrophage Tumor Necrosis Factor- α Induces Epithelial Expression of Granulocyte Macrophage Colony-stimulating Factor. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 180, 521-532.	2.5	103
108	Adenosine A _{2B} receptors are highly expressed on murine type II alveolar epithelial cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2009, 297, L467-L474.	1.3	33
109	Carcinoembryonic cell adhesion molecule 6 in human lung: regulated expression of a multifunctional type II cell protein. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2009, 296, L1019-L1030.	1.3	21
110	CELL-BASED THERAPY IMPROVES CELL VIABILITY AND INCREASES AIRWAY SIZE IN AN EXPLANT MODEL. <i>Experimental Lung Research</i> , 2009, 35, 501-513.	0.5	5
111	CHARACTERIZATION OF ALVEOLAR EPITHELIAL CELLS CULTURED IN SEMIPERMEABLE HOLLOW FIBERS. <i>Experimental Lung Research</i> , 2009, 35, 155-174.	0.5	22

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112	Micronucleus assay for mouse alveolar Type II and Clara cells. <i>Environmental and Molecular Mutagenesis</i> , 2010, 51, 164-172.	0.9	12
113	Treatment with keratinocyte growth factor does not improve lung allograft survival in the rat. <i>Langenbeck's Archives of Surgery</i> , 2009, 394, 133-141.	0.8	2
114	Second harmonic atomic force microscopy imaging of live and fixed mammalian cells. <i>Ultramicroscopy</i> , 2009, 109, 1056-1060.	0.8	24
115	Inflammatory Response and Barrier Properties of a New Alveolar Type 1-Like Cell Line (TT1). <i>Pharmaceutical Research</i> , 2009, 26, 1172-1180.	1.7	29
116	Assessing the in vitro toxicity of the lunar dust environment using respiratory cells exposed to Al ₂ O ₃ or SiO ₂ fine dust particles. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2009, 45, 602-613.	0.7	9
117	Identification of mesenchymal stromal cells in human lung parenchyma capable of differentiating into aquaporin 5-expressing cells. <i>Laboratory Investigation</i> , 2009, 89, 1100-1114.	1.7	43
118	Delayed Lung Maturation of Foetus of Diabetic Mother Rats Develop with a Diminish, but Without Changes in the Proportion of Type I and II Pneumocytes, and Decreased Expression of Protein D α -Associated Surfactant Factor. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2009, 38, 169-176.	0.3	19
119	Extracellular barriers in respiratory gene therapy. <i>Advanced Drug Delivery Reviews</i> , 2009, 61, 115-127.	6.6	199
120	Transforming Growth Factor- β Signaling across Ages: From Distorted Lung Development to Chronic Obstructive Pulmonary Disease. <i>Proceedings of the American Thoracic Society</i> , 2009, 6, 607-613.	3.5	100
121	Global transcriptional characterization of a mouse pulmonary epithelial cell line for use in genetic toxicology. <i>Toxicology in Vitro</i> , 2009, 23, 816-833.	1.1	24
122	Depressed exocytosis and endocytosis of type II alveolar epithelial cells are responsible for the surfactant deficiency in the lung of newborn with congenital diaphragmatic hernia. <i>Medical Hypotheses</i> , 2009, 72, 160-162.	0.8	2
123	Lung toxicity induced by intratracheal instillation of size-fractionated tire particles. <i>Toxicology Letters</i> , 2009, 189, 206-214.	0.4	72
124	Assessment methods of inhaled aerosols: technical aspects and applications. <i>Expert Opinion on Drug Delivery</i> , 2009, 6, 941-959.	2.4	41
125	Vascular Endothelial Growth Factor (VEGF) isoform expression and activity in human and murine lung injury. <i>Respiratory Research</i> , 2009, 10, 27.	1.4	46
126	Uptake characteristics of liposomes by rat alveolar macrophages: influence of particle size and surface mannose modification. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 59, 75-80.	1.2	164
127	Lamellar body ultrastructure revisited: high-pressure freezing and cryo-electron microscopy of vitreous sections. <i>Histochemistry and Cell Biology</i> , 2010, 134, 319-326.	0.8	29
128	Sheep Pox Virus Induces Proliferation of Type II Pneumocytes in the Lungs. <i>Journal of Comparative Pathology</i> , 2010, 143, 132-141.	0.1	7
129	Modulation of cytokine and nitric oxide by mesenchymal stem cell transfer in lung injury/fibrosis. <i>Respiratory Research</i> , 2010, 11, 16.	1.4	113

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130	Thioredoxin protects fetal type II epithelial cells from hyperoxia-induced injury. <i>Pediatric Pulmonology</i> , 2010, 45, 1192-1200.	1.0	31
131	Regulation of CD4 ⁺ T cell contraction during pathogen challenge. <i>Immunological Reviews</i> , 2010, 236, 110-124.	2.8	67
132	A Systematic Molecular Pathology Study of a Laboratory Confirmed H5N1 Human Case. <i>PLoS ONE</i> , 2010, 5, e13315.	1.1	35
133	Alveolar Cell Senescence Exacerbates Pulmonary Inflammation in Patients with Chronic Obstructive Pulmonary Disease. <i>Respiration</i> , 2010, 80, 59-70.	1.2	101
134	The Closer we Look the more we See? Quantitative Microscopic Analysis of the Pulmonary Surfactant System. <i>Cellular Physiology and Biochemistry</i> , 2010, 25, 027-040.	1.1	72
135	Surfactant lipids regulate LPS-induced interleukin-8 production in A549 lung epithelial cells by inhibiting translocation of TLR4 into lipid raft domains. <i>Journal of Lipid Research</i> , 2010, 51, 334-344.	2.0	67
136	Regulated gene expression in cultured type II cells of adult human lung. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2010, 299, L36-L50.	1.3	50
137	Mice Deficient in Heparan Sulfate N-Deacetylase/N-Sulfotransferase 1. <i>Progress in Molecular Biology and Translational Science</i> , 2010, 93, 35-58.	0.9	34
138	Transplantation of Human Embryonic Stem Cell-Derived Alveolar Epithelial Type II Cells Abrogates Acute Lung Injury in Mice. <i>Molecular Therapy</i> , 2010, 18, 625-634.	3.7	124
139	Palifermin Induces Alveolar Maintenance Programs in Emphysematous Mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 181, 705-717.	2.5	55
140	Allometry of the mammalian intracellular pulmonary surfactant system. <i>Journal of Applied Physiology</i> , 2010, 109, 1662-1669.	1.2	16
141	Effect of surface-mannose modification on aerosolized liposomal delivery to alveolar macrophages. <i>Drug Development and Industrial Pharmacy</i> , 2010, 36, 102-107.	0.9	45
142	Comparative acute lung inflammation induced by atmospheric PM and size-fractionated tire particles. <i>Toxicology Letters</i> , 2010, 198, 244-254.	0.4	92
143	Alveoli: Gas Exchange and Host Defense. , 2010, , 248-249.		0
144	Expression of Genes Involved in Mouse Lung Cell Differentiation/Regulation after Acute Exposure to Photons and Protons with or without Low-Dose Preirradiation. <i>Radiation Research</i> , 2011, 176, 553.	0.7	19
145	Some Molecular Aspects in the Biology of Respiration. , 2011, , 85-140.		0
146	Mild stretch activates cPLA2 in alveolar type II epithelial cells independently through the MEK/ERK and PI3K pathways. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2011, 1811, 370-376.	1.2	14
147	Potential of coculture in vitro models to study inflammatory and sensitizing effects of particles on the lung. <i>Toxicology in Vitro</i> , 2011, 25, 1516-1534.	1.1	70

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148	Immunohistochemical evaluation of surfactant proteins and lymphocyte phenotypes in the lungs of cattle with natural tuberculosis. <i>Research in Veterinary Science</i> , 2011, 91, 119-124.	0.9	7
149	The acute toxic effects of particulate matter in mouse lung are related to size and season of collection. <i>Toxicology Letters</i> , 2011, 202, 209-217.	0.4	93
150	An Alternative Gas-phase <i>In Vitro</i> Exposure System for Toxicity Testing: The Interaction Between Nitrous Oxide and A549 Cells. <i>ATLA Alternatives To Laboratory Animals</i> , 2011, 39, 449-459.	0.7	2
151	Acute Lung Injury: How Macrophages Orchestrate Resolution of Inflammation and Tissue Repair. <i>Frontiers in Immunology</i> , 2011, 2, 65.	2.2	262
152	Life-long Programming Implications of Exposure to Tobacco Smoking and Nicotine Before and Soon After Birth: Evidence for Altered Lung Development. <i>International Journal of Environmental Research and Public Health</i> , 2011, 8, 875-898.	1.2	100
153	Multipotent Capacity of Immortalized Human Bronchial Epithelial Cells. <i>PLoS ONE</i> , 2011, 6, e22023.	1.1	60
154	Troglitazone-activated PPAR β inhibits LPS-induced lung alveolar type II epithelial cells injuries via TNF- α . <i>Molecular Biology Reports</i> , 2011, 38, 5009-5015.	1.0	9
155	Effects of hyperoxia on transdifferentiation of primary cultured type II alveolar epithelial cells from premature rats. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2011, 47, 64-72.	0.7	14
156	Effect of exogenous surfactants on viability and DNA synthesis in A549, immortalized mouse type II and isolated rat alveolar type II cells. <i>BMC Pulmonary Medicine</i> , 2011, 11, 11.	0.8	12
157	Phenotypic characteristics of human type II alveolar epithelial cells suitable for antigen presentation to T lymphocytes. <i>Respiratory Research</i> , 2011, 12, 15.	1.4	60
158	Ultrastructural changes of the intracellular surfactant pool in a rat model of lung transplantation-related events. <i>Respiratory Research</i> , 2011, 12, 79.	1.4	18
159	Exogenous surfactant protects against endotoxin induced acute respiratory distress syndrome in rodents via vascular endothelial growth factor. <i>Pathology Research and Practice</i> , 2011, 207, 279-284.	1.0	4
160	HOPE-BAL. <i>Journal of Histochemistry and Cytochemistry</i> , 2011, 59, 601-614.	1.3	18
161	Host Defense and the Airway Epithelium: Frontline Responses That Protect against Bacterial Invasion and Pneumonia. <i>Journal of Pathogens</i> , 2011, 2011, 1-16.	0.9	59
162	Integrin α 6 β 4 identifies an adult distal lung epithelial population with regenerative potential in mice. <i>Journal of Clinical Investigation</i> , 2011, 121, 2855-2862.	3.9	379
163	Circulating Markers of Interstitial Lung Disease and Subsequent Risk of Lung Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2011, 20, 2262-2272.	1.1	31
164	Human Lung Hydrolases Delineate <i>Mycobacterium tuberculosis</i> Macrophage Interactions and the Capacity To Control Infection. <i>Journal of Immunology</i> , 2011, 187, 372-381.	0.4	71
165	Evaluating the Controlled Release Properties of Inhaled Nanoparticles Using Isolated, Perfused, and Ventilated Lung Models. <i>Journal of Nanomaterials</i> , 2011, 2011, 1-16.	1.5	26

#	ARTICLE	IF	CITATIONS
166	Flow Cytometric Isolation of Primary Murine Type II Alveolar Epithelial Cells for Functional and Molecular Studies. <i>Journal of Visualized Experiments</i> , 2012, , .	0.2	24
167	Unravelling the progressive pathophysiology of idiopathic pulmonary fibrosis. <i>European Respiratory Review</i> , 2012, 21, 152-160.	3.0	122
168	Oct4 + Stem/Progenitor Swine Lung Epithelial Cells Are Targets for Influenza Virus Replication. <i>Journal of Virology</i> , 2012, 86, 6427-6433.	1.5	31
169	Infection of human alveolar macrophages by human coronavirus strain 229E. <i>Journal of General Virology</i> , 2012, 93, 494-503.	1.3	61
170	A Novel Method for Isolating Individual Cellular Components from the Adult Human Distal Lung. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012, 46, 422-430.	1.4	67
171	Endocytic Uptake of FITC-albumin by Human Alveolar Epithelial Cell Line A549. <i>Drug Metabolism and Pharmacokinetics</i> , 2012, 27, 336-343.	1.1	51
172	Extract from <i>Nandina domestica</i> ; Inhibits Lipopolysaccharide-Induced Cyclooxygenase-2 Expression in Human Pulmonary Epithelial A549 Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2012, 35, 1041-1047.	0.6	12
173	Isolation, Cultivation, and Application of Human Alveolar Epithelial Cells. <i>Methods in Molecular Biology</i> , 2012, 806, 31-42.	0.4	33
174	Surfactant Protein A Influences Reepithelialization in an Alveolocapillary Model System. <i>Lung</i> , 2012, 190, 661-669.	1.4	5
175	Neonatal Oxygen Increases Sensitivity to Influenza A Virus Infection in Adult Mice by Suppressing Epithelial Expression of Ear1. <i>American Journal of Pathology</i> , 2012, 181, 441-451.	1.9	37
176	Responsive culture platform to examine the influence of microenvironmental geometry on cell function in 3D. <i>Integrative Biology (United Kingdom)</i> , 2012, 4, 1540.	0.6	47
177	Conditioned media from lung cancer cell line A549 and PC9 inactivate pulmonary fibroblasts by regulating protein phosphorylation. <i>Archives of Biochemistry and Biophysics</i> , 2012, 518, 133-141.	1.4	2
178	Impairment of alveolar type-II cells involved in the toxicity of Aflatoxin G1 in rat lung. <i>Food and Chemical Toxicology</i> , 2012, 50, 3222-3228.	1.8	9
179	Lung endothelial cells strengthen, but brain endothelial cells weaken barrier properties of a human alveolar epithelium cell culture model. <i>Differentiation</i> , 2012, 84, 294-304.	1.0	25
180	The Structural and Physiologic Basis of Respiratory Disease. , 2012, , 35-74.		5
181	Lung Injury in Preterm Neonates: The Role and Therapeutic Potential of Stem Cells. <i>Antioxidants and Redox Signaling</i> , 2012, 17, 1013-1040.	2.5	25
182	Major Shifts in the Spatio-Temporal Distribution of Lung Antioxidant Enzymes during Influenza Pneumonia. <i>PLoS ONE</i> , 2012, 7, e31494.	1.1	52
183	CCAAT/Enhancer-Binding Protein β Is a Critical Regulator of IL-1 β -Induced IL-6 Production in Alveolar Epithelial Cells. <i>PLoS ONE</i> , 2012, 7, e35492.	1.1	12

#	ARTICLE	IF	CITATIONS
184	IL-4 Attenuates Pulmonary Epithelial Cell-Mediated Suppression of T Cell Priming. PLoS ONE, 2012, 7, e45916.	1.1	6
185	SPC-Cre-ERT2 Transgenic Mouse for Temporal Gene Deletion in Alveolar Epithelial Cells. PLoS ONE, 2012, 7, e46076.	1.1	15
186	Human Embryonic Stem Cells Differentiated to Lung Lineage-Specific Cells Ameliorate Pulmonary Fibrosis in a Xenograft Transplant Mouse Model. PLoS ONE, 2012, 7, e33165.	1.1	86
187	Interfacial stress affects rat alveolar type II cell signaling and gene expression. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 303, L117-L129.	1.3	18
188	Lung Development. , 2012, , 571-583.		5
189	Cyclic deformation-induced injury and differentiation of rat alveolar epithelial type II cells. Respiratory Physiology and Neurobiology, 2012, 180, 237-246.	0.7	12
190	Controlled pulmonary drug and gene delivery using polymeric nano-carriers. Journal of Controlled Release, 2012, 161, 214-224.	4.8	177
191	Ozone-induced lung injury and sterile inflammation. Role of toll-like receptor 4. Experimental and Molecular Pathology, 2012, 92, 229-235.	0.9	57
192	Alveolar Epithelial Type II Cells and Their Microenvironment in the Caveolin-1 Deficient Mouse. Anatomical Record, 2012, 295, 196-200.	0.8	11
193	Differential Response of Primary Alveolar Type I and Type II Cells to LPS Stimulation. PLoS ONE, 2013, 8, e55545.	1.1	53
194	Enterococcus faecalis FK-23 affects alveolar-capillary permeability to attenuate leukocyte influx in lung after influenza virus infection. SpringerPlus, 2013, 2, 269.	1.2	6
195	Autophagy protects type II alveolar epithelial cells from Mycobacterium tuberculosis infection. Biochemical and Biophysical Research Communications, 2013, 432, 308-313.	1.0	23
196	Alveolar epithelial cells: Master regulators of lung homeostasis. International Journal of Biochemistry and Cell Biology, 2013, 45, 2568-2573.	1.2	187
197	Characterization of the lung epithelium of wild-type and TLR9 ^{-/-} mice after single and repeated exposures to chicken barn air. Experimental and Toxicologic Pathology, 2013, 65, 357-364.	2.1	11
198	Keratinocyte Growth Factor and Dexamethasone Plus Elevated cAMP Levels Synergistically Support Pluripotent Stem Cell Differentiation into Alveolar Epithelial Type II Cells. Tissue Engineering - Part A, 2013, 19, 938-951.	1.6	23
199	Therapeutic Potential of Growth Factors in Pulmonary Emphysematous Condition. Lung, 2013, 191, 147-163.	1.4	9
200	Distinct responses of lung and liver macrophages to acute endotoxemia. Experimental and Molecular Pathology, 2013, 94, 216-227.	0.9	11
201	Chemokines in tissue fibrosis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2013, 1832, 1041-1048.	1.8	91

#	ARTICLE	IF	CITATIONS
202	Immunohistochemical Characterization of Type II Pneumocyte Proliferation after Challenge with Type I Porcine Reproductive and Respiratory Syndrome Virus. <i>Journal of Comparative Pathology</i> , 2013, 149, 322-330.	0.1	10
203	Nanoparticle translocation across mouse alveolar epithelial cell monolayers: Species-specific mechanisms. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2013, 9, 786-794.	1.7	18
204	Expression and function of PEPT2 during transdifferentiation of alveolar epithelial cells. <i>Life Sciences</i> , 2013, 93, 630-636.	2.0	15
205	Surfactant Protein C Chromatin-Bound Green Fluorescence Protein Reporter Mice Reveal Heterogeneity of Surfactant Protein C-Expressing Lung Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 48, 288-298.	1.4	54
206	Neonatal Hyperoxia Increases Sensitivity of Adult Mice to Bleomycin-Induced Lung Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 48, 258-266.	1.4	22
207	Cigarette Smoke Induces Apoptosis by Activation of Caspase-3 in Isolated Fetal Rat Lung Type II Alveolar Epithelial Cells &in Vitro. <i>Open Journal of Respiratory Diseases</i> , 2013, 03, 4-12.	0.1	1
208	Innate Immune Response of Human Alveolar Type II Cells Infected with Severe Acute Respiratory Syndrome Coronavirus. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 48, 742-748.	1.4	255
209	Cigarette smoke extract induces differential expression levels of beta-defensin peptides in human alveolar epithelial cells. <i>Tobacco Induced Diseases</i> , 2013, 11, 10.	0.3	25
210	Transdifferentiation of alveolar epithelial type II to type I cells is controlled by opposing TGF- β 2 and BMP signaling. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2013, 305, L409-L418.	1.3	83
211	Inflammatory and Oxidative Stress Responses of an Alveolar Epithelial Cell Line to Airborne Zinc Oxide Nanoparticles at the Air-Liquid Interface: A Comparison with Conventional, Submerged Cell-Culture Conditions. <i>BioMed Research International</i> , 2013, 2013, 1-12.	0.9	118
212	Integrated Transcriptomic and Epigenomic Analysis of Primary Human Lung Epithelial Cell Differentiation. <i>PLoS Genetics</i> , 2013, 9, e1003513.	1.5	46
213	Neonatal hyperoxia alters the host response to influenza A virus infection in adult mice through multiple pathways. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2013, 305, L282-L290.	1.3	44
214	Idiopathic Pulmonary Fibrosis: From Epithelial Injury to Biomarkers - Insights from the Bench Side. <i>Respiration</i> , 2013, 86, 441-452.	1.2	108
215	Cell cycle dependence of ACE-2 explains downregulation in idiopathic pulmonary fibrosis. <i>European Respiratory Journal</i> , 2013, 42, 198-210.	3.1	62
216	Alveolar Epithelial Cells Are Critical in Protection of the Respiratory Tract by Secretion of Factors Able To Modulate the Activity of Pulmonary Macrophages and Directly Control Bacterial Growth. <i>Infection and Immunity</i> , 2013, 81, 381-389.	1.0	82
217	miR-375 regulates rat alveolar epithelial cell trans-differentiation by inhibiting Wnt/ β -catenin pathway. <i>Nucleic Acids Research</i> , 2013, 41, 3833-3844.	6.5	97
218	Ultrastructural Characterization of Genetic Diffuse Lung Diseases in Infants and Children: A Cohort Study and Review. <i>Ultrastructural Pathology</i> , 2013, 37, 356-365.	0.4	29
219	Lung Alterations Following Single or Multiple Low-Dose Carbon Black Nanoparticle Aspirations in Mice. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2013, 76, 1317-1332.	1.1	14

#	ARTICLE	IF	CITATIONS
220	Enhancing Effect of Poly(amino acid)s on Albumin Uptake in Human Lung Epithelial A549 Cells. <i>Drug Metabolism and Pharmacokinetics</i> , 2013, 28, 497-503.	1.1	6
221	The Role of Alveolar Epithelium in Radiation-Induced Lung Injury. <i>PLoS ONE</i> , 2013, 8, e53628.	1.1	68
222	Milano Summer Particulate Matter (PM10) Triggers Lung Inflammation and Extra Pulmonary Adverse Events in Mice. <i>PLoS ONE</i> , 2013, 8, e56636.	1.1	82
223	Human Coronavirus HKU1 Infection of Primary Human Type II Alveolar Epithelial Cells: Cytopathic Effects and Innate Immune Response. <i>PLoS ONE</i> , 2013, 8, e70129.	1.1	25
224	Environmental Particulate (PM2.5) Augments Stiffness-Induced Alveolar Epithelial Cell Mechanoactivation of Transforming Growth Factor Beta. <i>PLoS ONE</i> , 2014, 9, e106821.	1.1	44
225	Human Decidua-Derived Mesenchymal Stem Cells Differentiate into Functional Alveolar Type II-Like Cells that Synthesize and Secrete Pulmonary Surfactant Complexes. <i>PLoS ONE</i> , 2014, 9, e110195.	1.1	20
226	Proliferative Activity of Liver Growth Factor is Associated with an Improvement of Cigarette Smoke-Induced Emphysema in Mice. <i>PLoS ONE</i> , 2014, 9, e112995.	1.1	9
227	Alveolar Type II Epithelial Cell Dysfunction in Rat Experimental Hepatopulmonary Syndrome (HPS). <i>PLoS ONE</i> , 2014, 9, e113451.	1.1	21
228	Hyperosmolarity Invokes Distinct Anti-Inflammatory Mechanisms in Pulmonary Epithelial Cells: Evidence from Signaling and Transcription Layers. <i>PLoS ONE</i> , 2014, 9, e114129.	1.1	26
229	Stretch and Grow. , 2014, , 233-250.		0
230	Neonatal Hyperoxia Stimulates the Expansion of Alveolar Epithelial Type II Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 50, 757-766.	1.4	52
231	Structure of the Lower Respiratory Tract. , 2014, , .		3
232	Genetic deletion of IL-17A reduces cigarette smoke-induced inflammation and alveolar type II cell apoptosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 306, L132-L143.	1.3	56
233	How common is the lipid body-containing interstitial cell in the mammalian lung?. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 307, L386-L394.	1.3	47
234	Cellular interaction of nontypeable Haemophilus influenzae triggers cytotoxicity of infected type II alveolar cells via apoptosis. <i>Pathogens and Disease</i> , 2014, 73, n/a-n/a.	0.8	5
235	Foxp3+ regulatory T cells promote lung epithelial proliferation. <i>Mucosal Immunology</i> , 2014, 7, 1440-1451.	2.7	118
236	Lung fibroblasts accelerate wound closure in human alveolar epithelial cells through hepatocyte growth factor/c-Met signaling. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 307, L94-L105.	1.3	45
237	Mechanisms of Fibrosis in IPF. , 2014, , 161-205.		6

#	ARTICLE	IF	CITATIONS
238	The structure of the caudal wall of the zebrafish (<i>Danio rerio</i>) swim bladder: Evidence of localized lamellar body secretion and a proximate neural plexus. <i>Journal of Morphology</i> , 2014, 275, 933-948.	0.6	9
239	Mesenchymal stem cell pretreatment of non-heart-beating-donors in experimental lung transplantation. <i>Journal of Cardiothoracic Surgery</i> , 2014, 9, 151.	0.4	14
240	Enhanced Viral Replication and Modulated Innate Immune Responses in Infant Airway Epithelium following H1N1 Infection. <i>Journal of Virology</i> , 2014, 88, 7412-7425.	1.5	23
241	Expression of Cre Recombinase in Alveolar Epithelial Cells of the AQP2-Cre Transgenic Mini-Pigs. <i>Cellular Physiology and Biochemistry</i> , 2014, 34, 1597-1613.	1.1	6
242	Perturbation of physiological systems by nanoparticles. <i>Chemical Society Reviews</i> , 2014, 43, 3762-3809.	18.7	128
243	Interleukin-33: A Multifunctional Alarmin that Promotes Both Health and Disease. , 2014, , 267-299.		3
244	Across the pulmonary epithelial barrier: Integration of physicochemical properties and human cell models to study pulmonary drug formulations. , 2014, 144, 235-252.		54
245	Alveolar epithelial differentiation of human induced pluripotent stem cells in a rotating bioreactor. <i>Biomaterials</i> , 2014, 35, 699-710.	5.7	85
246	Atypical MHC class II-expressing antigen-presenting cells: can anything replace a dendritic cell?. <i>Nature Reviews Immunology</i> , 2014, 14, 719-730.	10.6	415
247	The potential of microfluidic lung epithelial wounding: towards <i>in vivo</i> -like alveolar microinjuries. <i>Integrative Biology (United Kingdom)</i> , 2014, 6, 1132-1140.	0.6	33
248	Acrolein induced both pulmonary inflammation and the death of lung epithelial cells. <i>Toxicology Letters</i> , 2014, 229, 384-392.	0.4	49
249	Neuregulin-ErbB4 signaling in the developing lung alveolus: a brief review. <i>Journal of Cell Communication and Signaling</i> , 2014, 8, 105-111.	1.8	9
250	Physiological variables affecting surface film formation by native lamellar body-like pulmonary surfactant particles. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 1842-1850.	1.4	23
251	Assessment of an <i>in vitro</i> model of pulmonary barrier to study the translocation of nanoparticles. <i>Toxicology Reports</i> , 2014, 1, 157-171.	1.6	51
252	Branching morphogenesis of immortalized human bronchial epithelial cells in three-dimensional culture. <i>Differentiation</i> , 2014, 87, 119-126.	1.0	30
253	Nontoxic impact of PEG-coated gold nanospheres on functional pulmonary surfactant-secreting alveolar type II cells. <i>Nanotoxicology</i> , 2014, 8, 813-823.	1.6	23
254	Carrier interactions with the biological barriers of the lung: Advanced <i>in vitro</i> models and challenges for pulmonary drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2014, 75, 129-140.	6.6	100
255	Pulmonary surfactant synthesis after unilateral lung injury in mice. <i>Journal of Applied Physiology</i> , 2014, 116, 210-215.	1.2	8

#	ARTICLE	IF	CITATIONS
256	The common anesthetic, sevoflurane, induces apoptosis in A549 lung alveolar epithelial cells. <i>Molecular Medicine Reports</i> , 2014, 9, 197-203.	1.1	12
257	Epithelial-mesenchymal transitions in bronchopulmonary dysplasia of newborn rats. <i>Pediatric Pulmonology</i> , 2014, 49, 1112-1123.	1.0	32
258	MicroRNA Profile of Tumorigenic Cells During Carcinogenesis of Lung Adenocarcinoma. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 458-466.	1.2	17
259	rIL α 10 enhances IL α 10 signalling proteins in foetal alveolar type II cells exposed to hyperoxia. <i>Journal of Cellular and Molecular Medicine</i> , 2015, 19, 1538-1547.	1.6	3
260	Conversion of bone marrow mesenchymal stem cells into type II alveolar epithelial cells reduces pulmonary fibrosis by decreasing oxidative stress in rats. <i>Molecular Medicine Reports</i> , 2015, 11, 1685-1692.	1.1	65
261	The role of placenta growth factor in the hyperoxia-induced acute lung injury in an animal model. <i>Cell Biochemistry and Function</i> , 2015, 33, 44-49.	1.4	11
262	A GLP-Compliant Toxicology and Biodistribution Study: Systemic Delivery of an rAAV9 Vector for the Treatment of Mucopolysaccharidosis IIIB. <i>Human Gene Therapy Clinical Development</i> , 2015, 26, 228-242.	3.2	19
263	Differential Regulation of Gene Expression of Alveolar Epithelial Cell Markers in Human Lung Adenocarcinoma-Derived A549 Clones. <i>Stem Cells International</i> , 2015, 2015, 1-20.	1.2	20
264	The role of alveolar type II cells in swine leptospirosis. <i>Pesquisa Veterinaria Brasileira</i> , 2015, 35, 620-626.	0.5	0
265	Interactions of <i>Francisella tularensis</i> with Alveolar Type II Epithelial Cells and the Murine Respiratory Epithelium. <i>PLoS ONE</i> , 2015, 10, e0127458.	1.1	11
266	Dichloroacetate Decreases Cell Health and Activates Oxidative Stress Defense Pathways in Rat Alveolar Type II Pneumocytes. <i>BioMed Research International</i> , 2015, 2015, 1-6.	0.9	1
267	Human alveolar epithelial type II cells in primary culture. <i>Physiological Reports</i> , 2015, 3, e12288.	0.7	71
268	Enolase 1 and protein disulfide isomerase associated 3 regulate Wnt/ β 2-catenin driven alveolar epithelial cell trans-differentiation. <i>DMM Disease Models and Mechanisms</i> , 2015, 8, 877-90.	1.2	53
269	Budesonide Inhibits Intracellular Infection with Non-Typeable <i>Haemophilus influenzae</i> ; despite Its Anti-Inflammatory Effects in Respiratory Cells and Human Lung Tissue: A Role for p38 MAP Kinase. <i>Respiration</i> , 2015, 90, 416-425.	1.2	8
270	RNA-binding motif protein 5 negatively regulates the activity of Wnt/ β 2-catenin signaling in cigarette smoke-induced alveolar epithelial injury. <i>Oncology Reports</i> , 2015, 33, 2438-2444.	1.2	13
271	Effect of Ambient PM _{2.5} on Lung Mitochondrial Damage and Fusion/Fission Gene Expression in Rats. <i>Chemical Research in Toxicology</i> , 2015, 28, 408-418.	1.7	133
272	Biomimetics of fetal alveolar flow phenomena using microfluidics. <i>Biomicrofluidics</i> , 2015, 9, 014120.	1.2	13
273	Linking progression of fibrotic lung remodeling and ultrastructural alterations of alveolar epithelial type II cells in the amiodarone mouse model. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 309, L63-L75.	1.3	29

#	ARTICLE	IF	CITATIONS
274	Expression of Carcinoembryonic Cell Adhesion Molecule 6 and Alveolar Epithelial Cell Markers in Lungs of Human Infants with Chronic Lung Disease. <i>Journal of Histochemistry and Cytochemistry</i> , 2015, 63, 908-921.	1.3	8
275	Mature Surfactant Protein-B Expression by Immunohistochemistry as a Marker for Surfactant System Development in the Fetal Sheep Lung. <i>Journal of Histochemistry and Cytochemistry</i> , 2015, 63, 866-878.	1.3	17
276	Receptor-mediated endocytosis of macromolecules and strategy to enhance their transport in alveolar epithelial cells. <i>Expert Opinion on Drug Delivery</i> , 2015, 12, 813-825.	2.4	27
277	Morphological and Morphometric Properties of the Blood-Gas Barrier: Comparative Perspectives. , 2015, , 15-38.		7
278	Multi-walled carbon nanotube-induced gene expression in vitro: Concordance with in vivo studies. <i>Toxicology</i> , 2015, 328, 66-74.	2.0	42
279	Delineation of the dynamic properties of individual lipid species in native and synthetic pulmonary surfactants. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 203-210.	1.4	5
280	Isolation of Epithelial, Endothelial, and Immune Cells from Lungs of Transgenic Mice with Oncogene-Induced Lung Adenocarcinomas. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015, 52, 409-417.	1.4	45
281	Analysis of TGF- β 1- and drug-induced epithelial \rightarrow mesenchymal transition in cultured alveolar epithelial cell line RLE/Abca3. <i>Drug Metabolism and Pharmacokinetics</i> , 2015, 30, 111-118.	1.1	28
282	A coculture model of the lung \rightarrow blood barrier: The role of activated phagocytic cells. <i>Toxicology in Vitro</i> , 2015, 29, 234-241.	1.1	29
283	Molecular pathology of emerging coronavirus infections. <i>Journal of Pathology</i> , 2015, 235, 185-195.	2.1	275
284	Decreased expression of Met during differentiation in rat lung. <i>European Journal of Histochemistry</i> , 2016, 60, 2575.	0.6	5
285	Measurements of Deposition, Lung Surface Area and Lung Fluid for Simulation of Inhaled Compounds. <i>Frontiers in Pharmacology</i> , 2016, 7, 181.	1.6	154
286	Cell-based in vitro models for pulmonary permeability studies. , 2016, , 101-113.		3
287	Pulmonary Angiotensin-Converting Enzyme 2 (ACE2) and Inflammatory Lung Disease. <i>Shock</i> , 2016, 46, 239-248.	1.0	259
288	The Oxygen Environment at Birth Specifies the Population of Alveolar Epithelial Stem Cells in the Adult Lung. <i>Stem Cells</i> , 2016, 34, 1396-1406.	1.4	28
289	Safety and Tolerability of Alveolar Type II Cell Transplantation in Idiopathic Pulmonary Fibrosis. <i>Chest</i> , 2016, 150, 533-543.	0.4	52
290	Mesenchymal stem cells ameliorate inflammatory cytokine-induced impairment of AT-II cells through a keratinocyte growth factor-dependent PI3K/Akt/mTOR signaling pathway. <i>Molecular Medicine Reports</i> , 2016, 13, 3755-3762.	1.1	13
291	Alveolar Type II Epithelial Cells Contribute to the Anti-Influenza A Virus Response in the Lung by Integrating Pathogen- and Microenvironment-Derived Signals. <i>MBio</i> , 2016, 7, .	1.8	49

#	ARTICLE	IF	CITATIONS
292	Alveolar Epithelial Cellâ€‘Derived Prostaglandin E2 Serves as a Request Signal for Macrophage Secretion of Suppressor of Cytokine Signaling 3 during Innate Inflammation. <i>Journal of Immunology</i> , 2016, 196, 5112-5120.	0.4	36
293	Using electron microscopes to look into the lung. <i>Histochemistry and Cell Biology</i> , 2016, 146, 695-707.	0.8	32
294	Mammalian Target of Rapamycin Inhibition With Rapamycin Mitigates Radiation-Induced Pulmonary Fibrosis in a Murine Model. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 96, 857-866.	0.4	50
295	Cellular reactions to long-term volatile organic compound (VOC) exposures. <i>Scientific Reports</i> , 2016, 6, 37842.	1.6	21
296	How to Grow a Lung: Applying Principles of Developmental Biology to Generate Lung Lineages from Human Pluripotent Stem Cells. <i>Current Pathobiology Reports</i> , 2016, 4, 47-57.	1.6	33
297	Transport Mechanism of Nicotine in Primary Cultured Alveolar Epithelial Cells. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 982-988.	1.6	19
298	Expression and Function of the Epidermal Growth Factor Receptor in Physiology and Disease. <i>Physiological Reviews</i> , 2016, 96, 1025-1069.	13.1	166
299	Alveolar Epithelium and Pulmonary Surfactant. , 2016, , 134-149.e5.		10
300	Alveolar Epithelial Cells in <i>Mycobacterium tuberculosis</i>; Infection: Active Players or Innocent Bystanders?. <i>Journal of Innate Immunity</i> , 2016, 8, 3-14.	1.8	83
301	Carbon Nanotube and Asbestos Exposures Induce Overlapping but Distinct Profiles of Lung Pathology in Non-Swiss Albino CF-1 Mice. <i>Toxicologic Pathology</i> , 2016, 44, 211-225.	0.9	14
302	Peptide-based synthetic pulmonary surfactant for the treatment of respiratory distress disorders. <i>Current Opinion in Chemical Biology</i> , 2016, 32, 22-28.	2.8	20
303	Group 2 innate lymphoid cells utilize the IRF4-IL-9 module to coordinate epithelial cell maintenance of lung homeostasis. <i>Mucosal Immunology</i> , 2016, 9, 275-286.	2.7	168
304	Contribution of innate immune cells to pathogenesis of severe influenza virus infection. <i>Clinical Science</i> , 2017, 131, 269-283.	1.8	31
305	Alveolar Epithelial Cellâ€‘Derived Mediators: Potential Direct Regulators of Large Airway and Vascular Responses. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 56, 694-699.	1.4	8
306	Bone marrow mesenchymal stem cells attenuate silica-induced pulmonary fibrosis via paracrine mechanisms. <i>Toxicology Letters</i> , 2017, 270, 96-107.	0.4	38
307	Effect of irradiation/bone marrow transplantation on alveolar epithelial type II cells is aggravated in surfactant protein D deficient mice. <i>Histochemistry and Cell Biology</i> , 2017, 147, 49-61.	0.8	5
308	NLRP3 participates in the regulation of EMT in bleomycin-induced pulmonary fibrosis. <i>Experimental Cell Research</i> , 2017, 357, 328-334.	1.2	97
309	When Is an Alveolar Type 2 Cell an Alveolar Type 2 Cell? A Conundrum for Lung Stem Cell Biology and Regenerative Medicine. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 57, 18-27.	1.4	104

#	ARTICLE	IF	CITATIONS
310	Lipidomic characterization and localization of phospholipids in the human lung. <i>Journal of Lipid Research</i> , 2017, 58, 926-933.	2.0	36
311	Foxp3 ⁺ Regulatory T Cell Expression of Keratinocyte Growth Factor Enhances Lung Epithelial Proliferation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 57, 162-173.	1.4	80
312	Investigation of selenium pretreatment in the attenuation of lung injury in rats induced by fine particulate matters. <i>Environmental Science and Pollution Research</i> , 2017, 24, 4008-4017.	2.7	24
313	Tissue remodelling in pulmonary fibrosis. <i>Cell and Tissue Research</i> , 2017, 367, 607-626.	1.5	114
314	Evaluation of alveolar epithelial cells in the sheep model of congenital diaphragmatic hernia: Type 1 alveolar epithelial cells and histopathological image analysis. <i>Journal of Pediatric Surgery</i> , 2017, 52, 2074-2077.	0.8	2
315	Long-term expansion of alveolar stem cells derived from human iPS cells in organoids. <i>Nature Methods</i> , 2017, 14, 1097-1106.	9.0	198
316	Expression and Localization of Equine Tissue-Specific Divalent Ion-Transporting Channel Proteins. <i>Journal of Equine Veterinary Science</i> , 2017, 59, 14-25.	0.4	1
317	The Role of PGE2 in Alveolar Epithelial and Lung Microvascular Endothelial Crosstalk. <i>Scientific Reports</i> , 2017, 7, 7923.	1.6	35
318	Quantitative Analysis of Proteome Modulations in Alveolar Epithelial Type II Cells in Response to Pulmonary <i>Aspergillus fumigatus</i> Infection. <i>Molecular and Cellular Proteomics</i> , 2017, 16, 2184-2198.	2.5	26
319	Potential contribution of alveolar epithelial type I cells to pulmonary fibrosis. <i>Bioscience Reports</i> , 2017, 37, .	1.1	62
320	Brg1 inhibits E-cadherin expression in lung epithelial cells and disrupts epithelial integrity. <i>Journal of Molecular Medicine</i> , 2017, 95, 1117-1126.	1.7	15
321	LAMPs: Shedding light on cancer biology. <i>Seminars in Oncology</i> , 2017, 44, 239-253.	0.8	103
322	Exogenous gene transfer of Rab38 small GTPase ameliorates aberrant lung surfactant homeostasis in Ruby rats. <i>Respiratory Research</i> , 2017, 18, 70.	1.4	4
323	Pulmonary immunity to viruses. <i>Clinical Science</i> , 2017, 131, 1737-1762.	1.8	42
324	Analysis of Epithelial Injury and Repair. <i>Respiratory Medicine</i> , 2017, , 69-83.	0.1	1
325	The Lung's "Blood Interface. <i>Respiratory Medicine</i> , 2017, , 3-17.	0.1	0
326	Lung remodeling associated with recovery from acute lung injury. <i>Cell and Tissue Research</i> , 2017, 367, 495-509.	1.5	32
327	Original Research: Evaluation of pulmonary response to inhaled tungsten (IV) oxide nanoparticles in golden Syrian hamsters. <i>Experimental Biology and Medicine</i> , 2017, 242, 29-44.	1.1	24

#	ARTICLE	IF	CITATIONS
328	Elastase-Induced Parenchymal Disruption and Airway Hyper Responsiveness in Mouse Precision Cut Lung Slices: Toward an Ex vivo COPD Model. <i>Frontiers in Physiology</i> , 2016, 7, 657.	1.3	24
329	Structure and Development of Alveolar Epithelial Cells. , 2017, , 809-813.		1
330	Pulmonary Surfactant Trafficking and Homeostasis. , 2017, , 59-75.		7
331	Differential Alterations of the Mitochondrial Morphology and Respiratory Chain Complexes during Postnatal Development of the Mouse Lung. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-22.	1.9	14
332	Fraction of MHCII and EpCAM expression characterizes distal lung epithelial cells for alveolar type 2 cell isolation. <i>Respiratory Research</i> , 2017, 18, 150.	1.4	68
333	Successful Establishment of Primary Type II Alveolar Epithelium with 3D Organotypic Coculture. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 59, 158-166.	1.4	45
334	Evaluating opportunities for advancing the use of alternative methods in risk assessment through the development of fit-for-purpose in vitro assays. <i>Toxicology in Vitro</i> , 2018, 48, 310-317.	1.1	25
335	Genotoxicity of fine and coarse fraction ambient particulate matter in immortalised normal (TT1) and cancerâ€derived (A549) alveolar epithelial cells. <i>Environmental and Molecular Mutagenesis</i> , 2018, 59, 290-301.	0.9	18
336	Polarized light microscopy reveals physiological and drug-induced changes in surfactant membrane assembly in alveolar type II pneumocytes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 1152-1161.	1.4	20
337	A New Role for the Mitochondrial Pro-apoptotic Protein SMAC/Diablo in Phospholipid Synthesis Associated with Tumorigenesis. <i>Molecular Therapy</i> , 2018, 26, 680-694.	3.7	25
338	Recent insights into human bronchial proteomics â€“ how are we progressing and what is next?. <i>Expert Review of Proteomics</i> , 2018, 15, 113-130.	1.3	13
339	Human Multilineage-differentiating Stress-Enduring Cells Exert Pleiotropic Effects to Ameliorate Acute Lung Ischemiaâ€Reperfusion Injury in a Rat Model. <i>Cell Transplantation</i> , 2018, 27, 979-993.	1.2	29
340	Oxidative stress-driven pulmonary inflammation and fibrosis in a mouse model of human ataxia-telangiectasia. <i>Redox Biology</i> , 2018, 14, 645-655.	3.9	43
341	Intratracheal instillation of alveolar type II cells enhances recovery from acute lung injury in rats. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 782-791.	0.3	28
342	The role of mucus as an invisible cloak to transepithelial drug delivery by nanoparticles. <i>Advanced Drug Delivery Reviews</i> , 2018, 124, 107-124.	6.6	85
343	Epithelial-mesenchymal crosstalk influences cellular behavior in a 3D alveolus-fibroblast model system. <i>Biomaterials</i> , 2018, 155, 124-134.	5.7	36
344	Initiation of LPS-induced pulmonary dysfunction and its recovery occur independent of T cells. <i>BMC Pulmonary Medicine</i> , 2018, 18, 174.	0.8	19
345	Mitochondrial VDAC1 Silencing Leads to Metabolic Rewiring and the Reprogramming of Tumour Cells into Advanced Differentiated States. <i>Cancers</i> , 2018, 10, 499.	1.7	38

#	ARTICLE	IF	CITATIONS
346	Modeling coating flow and surfactant dynamics inside the alveolar compartment. <i>Journal of Engineering Mathematics</i> , 2018, 113, 23-43.	0.6	5
347	Medium throughput breathing human primary cell alveolus-on-chip model. <i>Scientific Reports</i> , 2018, 8, 14359.	1.6	132
348	Culture of human alveolar epithelial type II cells by sprouting. <i>Respiratory Research</i> , 2018, 19, 204.	1.4	11
349	Predicting the in vivo pulmonary toxicity induced by acute exposure to poorly soluble nanomaterials by using advanced in vitro methods. <i>Particle and Fibre Toxicology</i> , 2018, 15, 25.	2.8	31
350	Generation of an alveolar epithelial type II cell line from induced pluripotent stem cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 315, L921-L932.	1.3	40
351	Interrupted reprogramming of alveolar type II cells induces progenitor-like cells that ameliorate pulmonary fibrosis. <i>Npj Regenerative Medicine</i> , 2018, 3, 14.	2.5	13
352	Nebulisation of synthetic lamellar lipids mitigates radiation-induced lung injury in a large animal model. <i>Scientific Reports</i> , 2018, 8, 13316.	1.6	7
353	Cytokines and radiation-induced pulmonary injuries. <i>Journal of Radiation Research</i> , 2018, 59, 709-753.	0.8	71
354	Exposure to diethylhexyl phthalate (DEHP) and monoethylhexyl phthalate (MEHP) promotes the loss of alveolar epithelial phenotype of A549 cells. <i>Toxicology Letters</i> , 2018, 294, 135-144.	0.4	28
355	Biomimetics of the pulmonary environment <i>in vitro</i>: A microfluidics perspective. <i>Biomicrofluidics</i> , 2018, 12, 042209.	1.2	43
356	Pulmonary pericytes regulate lung morphogenesis. <i>Nature Communications</i> , 2018, 9, 2448.	5.8	72
357	Telomere shortening activates TGF- β /Smads signaling in lungs and enhances both lipopolysaccharide and bleomycin-induced pulmonary fibrosis. <i>Acta Pharmacologica Sinica</i> , 2018, 39, 1735-1745.	2.8	31
358	Protective Role of Surfactant Protein-D Against Lung Injury and Oxidative Stress Induced by Nitrogen Mustard. <i>Toxicological Sciences</i> , 2018, 166, 108-122.	1.4	9
359	Real-time visualization of two-photon fluorescence lifetime imaging microscopy using a wavelength-tunable femtosecond pulsed laser. <i>Biomedical Optics Express</i> , 2018, 9, 3449.	1.5	22
360	Long-Term Engraftment Promotes Differentiation of Alveolar Epithelial Cells from Human Embryonic Stem Cell Derived Lung Organoids. <i>Stem Cells and Development</i> , 2018, 27, 1339-1349.	1.1	33
361	Isolation and Characterization of Human Alveolar Type II Cells. <i>Methods in Molecular Biology</i> , 2018, 1809, 83-90.	0.4	14
362	Expression profile analysis reveals that <i>Aspergillus fumigatus</i> but not <i>Aspergillus niger</i> makes type II epithelial lung cells less immunological alert. <i>BMC Genomics</i> , 2018, 19, 534.	1.2	11
363	Isolation and characterisation of alveolar type II pneumocytes from adult bovine lung. <i>Scientific Reports</i> , 2018, 8, 11927.	1.6	20

#	ARTICLE	IF	CITATIONS
364	Human Co- and Triple-Culture Model of the Alveolar-Capillary Barrier on a Basement Membrane Mimic. <i>Tissue Engineering - Part C: Methods</i> , 2018, 24, 495-503.	1.1	25
365	Dynamic expression of HOPX in alveolar epithelial cells reflects injury and repair during the progression of pulmonary fibrosis. <i>Scientific Reports</i> , 2018, 8, 12983.	1.6	38
366	Expression of cytochrome P450 <sc>mRNA</sc>s in Type <sc>II</sc> alveolar cells from subjects with chronic obstructive pulmonary disease. <i>Pharmacology Research and Perspectives</i> , 2018, 6, e00405.	1.1	18
367	TNF- α induction of IL-6 in alveolar type II epithelial cells: Contributions of JNK/c-Jun/AP-1 element, C/EBP β /C/EBP binding site and IKK/NF- κ B p65/ β B site. <i>Molecular Immunology</i> , 2018, 101, 585-596.	1.0	20
368	Lung Development. , 2018, , 586-599.e2.		4
369	The Structural and Physiologic Basis of Respiratory Disease. , 2019, , 63-100.e2.		4
370	SPECT/CT Imaging of Mycobacterium tuberculosis Infection with [125I]anti-C3d mAb. <i>Molecular Imaging and Biology</i> , 2019, 21, 473-481.	1.3	19
371	Susceptibility of microtubule-associated protein 1 light chain 3 β (MAP1LC3B/LC3B) knockout mice to lung injury and fibrosis. <i>FASEB Journal</i> , 2019, 33, 12392-12408.	0.2	13
372	12-Lipoxygenase is a Critical Mediator of Type II Pneumocyte Senescence, Macrophage Polarization and Pulmonary Fibrosis after Irradiation. <i>Radiation Research</i> , 2019, 192, 367.	0.7	12
373	Print Me An Organ! Why We Are Not There Yet. <i>Progress in Polymer Science</i> , 2019, 97, 101145.	11.8	192
374	The Role of Hedgehog Signaling in Adult Lung Regeneration and Maintenance. <i>Journal of Developmental Biology</i> , 2019, 7, 14.	0.9	29
375	Mitofusins regulate lipid metabolism to mediate the development of lung fibrosis. <i>Nature Communications</i> , 2019, 10, 3390.	5.8	93
376	The Lord of the Lungs: The essential role of pulmonary surfactant upon inhalation of nanoparticles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 144, 230-243.	2.0	78
377	Differential gene regulation in human small airway epithelial cells grown in monoculture versus coculture with human microvascular endothelial cells following multiwalled carbon nanotube exposure. <i>Toxicology Reports</i> , 2019, 6, 482-488.	1.6	4
378	In Vivo Comparative Study on Acute and Sub-acute Biological Effects Induced by Ultrafine Particles of Different Anthropogenic Sources in BALB/c Mice. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2805.	1.8	20
379	Isolation of Alveolar Type II Cells from Adult Bovine Lung. <i>Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al]</i> , 2019, 80, e71.	1.1	3
380	The human lung mucosa drives differential Mycobacterium tuberculosis infection outcome in the alveolar epithelium. <i>Mucosal Immunology</i> , 2019, 12, 795-804.	2.7	27
381	The therapeutic effects of bone marrow-derived mesenchymal stromal cells in the acute lung injury induced by sulfur mustard. <i>Stem Cell Research and Therapy</i> , 2019, 10, 90.	2.4	21

#	ARTICLE	IF	CITATIONS
382	Time-course transcriptomic alterations reflect the pathophysiology of polyhexamethylene guanidine phosphate-induced lung injury in rats. <i>Inhalation Toxicology</i> , 2019, 31, 457-467.	0.8	6
383	<i>Trametes orientalis</i> polysaccharide alleviates PM _{2.5} -induced lung injury in mice through its antioxidant and anti-inflammatory activities. <i>Food and Function</i> , 2019, 10, 8005-8015.	2.1	28
384	Age-Related Structural and Functional Changes in the Mouse Lung. <i>Frontiers in Physiology</i> , 2019, 10, 1466.	1.3	55
385	The Development of Controllable Magnetic Driven Microphysiological System. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 275.	1.8	3
386	Spontaneous pneumothorax as a complication of chronic Jet propulsion fuel-8 exposure. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2019, 48, 169-172.	0.8	2
387	Comparative study of interruption of signaling pathways in lung epithelial cell by two different <i>Mycobacterium tuberculosis</i> lineages. <i>Journal of Cellular Physiology</i> , 2019, 234, 4739-4753.	2.0	11
388	Ambient PM _{2.5} causes lung injuries and coupled energy metabolic disorder. <i>Ecotoxicology and Environmental Safety</i> , 2019, 170, 620-626.	2.9	39
389	Ambient fine particulate matter induce toxicity in lung epithelial-endothelial co-culture models. <i>Toxicology Letters</i> , 2019, 301, 133-145.	0.4	29
390	Fibrotic Signaling in the Lung. <i>Molecular and Translational Medicine</i> , 2019, , 91-119.	0.4	0
391	Vibrational spectroscopic imaging and live cell video microscopy for studying differentiation of primary human alveolar epithelial cells. <i>Journal of Biophotonics</i> , 2019, 12, e201800052.	1.1	6
392	Advances in Molecular Mechanisms and Treatment of Radiation-Induced Pulmonary Fibrosis. <i>Translational Oncology</i> , 2019, 12, 162-169.	1.7	54
393	Synthetic surfactants with SP ⁺ and SP ⁻ analogues to enable worldwide treatment of neonatal respiratory distress syndrome and other lung diseases. <i>Journal of Internal Medicine</i> , 2019, 285, 165-186.	2.7	45
394	Innate Immunity and Pulmonary Inflammation: A Balance Between Protection and Disease. , 2019, , 153-175.		2
395	Air-blood barrier thickening and alterations of alveolar epithelial type 2 cells in mouse lungs with disrupted hepcidin/ferroportin regulatory system. <i>Histochemistry and Cell Biology</i> , 2019, 151, 217-228.	0.8	5
396	Epithelial cell plasticity defines heterogeneity in lung cancer. <i>Cellular Signalling</i> , 2020, 65, 109463.	1.7	17
397	Ageing and Lung Disease. <i>Annual Review of Physiology</i> , 2020, 82, 433-459.	5.6	192
399	Silver nanoparticle uptake in the human lung assessed through in-vitro and in-silico methods. <i>Environmental Pollution</i> , 2020, 259, 113880.	3.7	8
400	Interleukin-22 regulates interferon lambda expression in a mice model of <i>pseudomonas aeruginosa</i> pneumonia. <i>Molecular Immunology</i> , 2020, 118, 52-59.	1.0	15

#	ARTICLE	IF	CITATIONS
401	STAT3â€“BDNFâ€“TrkB signalling promotes alveolar epithelial regeneration after lung injury. <i>Nature Cell Biology</i> , 2020, 22, 1197-1210.	4.6	71
402	Adhesion-PCR Gpr116 (ADGRF5) expression inhibits renal acid secretion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 26470-26481.	3.3	24
403	Senescence in Pulmonary Fibrosis: Between Aging and Exposure. <i>Frontiers in Medicine</i> , 2020, 7, 606462.	1.2	31
404	Cross-Talk Between Alveolar Macrophages and Lung Epithelial Cells is Essential to Maintain Lung Homeostasis. <i>Frontiers in Immunology</i> , 2020, 11, 583042.	2.2	108
405	A lung tropic AAV vector improves survival in a mouse model of surfactant B deficiency. <i>Nature Communications</i> , 2020, 11, 3929.	5.8	37
406	Alveolar Epithelial Cells Promote IGF-1 Production by Alveolar Macrophages Through TGF-Î² to Suppress Endogenous Inflammatory Signals. <i>Frontiers in Immunology</i> , 2020, 11, 1585.	2.2	16
407	Glycogen synthase kinase-3Î² promotes radiation-induced lung fibrosis by regulating Î²-catenin/lin28 signaling network to determine type II alveolar stem cell transdifferentiation state. <i>FASEB Journal</i> , 2020, 34, 12466-12480.	0.2	4
408	Modelling early events in <i>Mycobacterium bovis</i> infection using a co-culture model of the bovine alveolus. <i>Scientific Reports</i> , 2020, 10, 18495.	1.6	3
409	A 47-Year-Old Woman With Pulmonary Nodules and Facial Hemispasms. <i>Chest</i> , 2020, 158, e197-e204.	0.4	0
411	Morphological and Mechanistic Aspects of Thiourea-Induced Acute Lung Injury and Tolerance in the Rat. <i>Toxicologic Pathology</i> , 2020, 48, 725-737.	0.9	0
412	Current Ultrasound Technologies and Instrumentation in the Assessment and Monitoring of COVID-19 Positive Patients. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2020, 67, 2230-2240.	1.7	13
413	Maimendong Decoction Improves Pulmonary Function in Rats With Idiopathic Pulmonary Fibrosis by Inhibiting Endoplasmic Reticulum Stress in AECIIs. <i>Frontiers in Pharmacology</i> , 2020, 11, 1262.	1.6	5
414	Immortalisation of primary human alveolar epithelial lung cells using a non-viral vector to study respiratory bioreactivity in vitro. <i>Scientific Reports</i> , 2020, 10, 20486.	1.6	7
415	Nanoapproaches to Modifying Epigenetics of Epithelial Mesenchymal Transition for Treatment of Pulmonary Fibrosis. <i>Frontiers in Pharmacology</i> , 2020, 11, 607689.	1.6	28
416	Alveolar Dynamics and Beyond â€“ The Importance of Surfactant Protein C and Cholesterol in Lung Homeostasis and Fibrosis. <i>Frontiers in Physiology</i> , 2020, 11, 386.	1.3	23
417	Alveolar lipids in pulmonary disease. A review. <i>Lipids in Health and Disease</i> , 2020, 19, 122.	1.2	95
418	Induced pluripotent stem cell-derived lung alveolar epithelial type II cells reduce damage in bleomycin-induced lung fibrosis. <i>Stem Cell Research and Therapy</i> , 2020, 11, 213.	2.4	27
419	Alveolar mimics with periodic strain and its effect on the cell layer formation. <i>Biotechnology and Bioengineering</i> , 2020, 117, 2827-2841.	1.7	21

#	ARTICLE	IF	CITATIONS
420	Dissecting the Niche for Alveolar Type II Cells With Alveolar Organoids. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 419.	1.8	9
421	Pulmonary surfactant itself must be a strong defender against SARS-CoV-2. <i>Medical Hypotheses</i> , 2020, 144, 110020.	0.8	34
422	SARS-CoV-2 infection and stem cells: Interaction and intervention. <i>Stem Cell Research</i> , 2020, 46, 101859.	0.3	27
423	Recessive missense LAMP3 variant associated with defect in lamellar body biogenesis and fatal neonatal interstitial lung disease in dogs. <i>PLoS Genetics</i> , 2020, 16, e1008651.	1.5	8
424	Nano-structured microparticles for inhalation. , 2020, , 119-160.		1
425	Respiratory microbiome and epithelial interactions shape immunity in the lungs. <i>Immunology</i> , 2020, 160, 171-182.	2.0	103
426	Mevastatin-Induced AP-1-Dependent HO-1 Expression Suppresses Vascular Cell Adhesion Molecule-1 Expression and Monocyte Adhesion on Human Pulmonary Alveolar Epithelial Cells Challenged with TNF- α . <i>Biomolecules</i> , 2020, 10, 381.	1.8	10
427	Protein Coding and Long Noncoding RNA (lncRNA) Transcriptional Landscape in SARS-CoV-2 Infected Bronchial Epithelial Cells Highlight a Role for Interferon and Inflammatory Response. <i>Genes</i> , 2020, 11, 760.	1.0	107
428	Inhibition of miR-93 promotes interferon effector signaling to suppress influenza A infection by upregulating JAK1. <i>International Immunopharmacology</i> , 2020, 86, 106754.	1.7	12
429	Last Word on Viewpoint: pH Buffer capacity and pharmacokinetics: two remaining questions. <i>Journal of Applied Physiology</i> , 2020, 128, 1063-1064.	1.2	1
430	Stimulation of surfactant exocytosis in primary alveolar type II cells by <i>A. fumigatus</i> . <i>Medical Mycology</i> , 2021, 59, 168-179.	0.3	3
431	3D alveolar in vitro model based on epithelialized biomimetically curved culture membranes. <i>Biomaterials</i> , 2021, 266, 120436.	5.7	29
432	A human surfactant B deficiency air-liquid interface cell culture model suitable for gene therapy applications. <i>Molecular Therapy - Methods and Clinical Development</i> , 2021, 20, 237-246.	1.8	12
433	The plate body: 3D ultrastructure of a facultative organelle of alveolar epithelial type II cells involved in SP-A trafficking. <i>Histochemistry and Cell Biology</i> , 2021, 155, 261-269.	0.8	4
434	Contemporary Formulation Development for Inhaled Pharmaceuticals. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 66-86.	1.6	26
435	Experimental Models to Study COVID-19 Effect in Stem Cells. <i>Cells</i> , 2021, 10, 91.	1.8	12
436	Human induced pluripotent stem cells as a tool for disease modeling and drug screening for COVID-19. <i>Genetics and Molecular Biology</i> , 2021, 44, e20200198.	0.6	3
437	Healing after COVID-19: are survivors at risk for pulmonary fibrosis?. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 320, L257-L265.	1.3	166

#	ARTICLE	IF	CITATIONS
438	Ticagrelor Ameliorates Bleomycin-Induced Pulmonary Fibrosis in Rats by the Inhibition of TGF- β 1/Smad3 and PI3K/AKT/mTOR Pathways. <i>Current Molecular Pharmacology</i> , 2021, 15, 227-238.	0.7	11
439	Regulatory mechanisms of neutrophil migration from the circulation to the airspace. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 4095-4124.	2.4	30
441	Can biomarkers of extracellular matrix remodelling and wound healing be used to identify high risk patients infected with SARS-CoV-2?: lessons learned from pulmonary fibrosis. <i>Respiratory Research</i> , 2021, 22, 38.	1.4	24
442	Hermansky-Pudlak syndrome-2 alters mitochondrial homeostasis in the alveolar epithelium of the lung. <i>Respiratory Research</i> , 2021, 22, 49.	1.4	5
443	The History and Mystery of Alveolar Epithelial Type II Cells: Focus on Their Physiologic and Pathologic Role in Lung. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2566.	1.8	128
445	The diversity of adult lung epithelial stem cells and their niche in homeostasis and regeneration. <i>Science China Life Sciences</i> , 2021, 64, 2045-2059.	2.3	8
446	Influence of Culture Substrates on Morphology and Function of Pulmonary Alveolar Cells In Vitro. <i>Biomolecules</i> , 2021, 11, 675.	1.8	3
447	Identification of a novel subset of alveolar type 2 cells enriched in PD-L1 and expanded following pneumonectomy. <i>European Respiratory Journal</i> , 2021, 58, 2004168.	3.1	31
449	In Vitro Models for Studying Respiratory Host-Pathogen Interactions. <i>Advanced Biology</i> , 2021, 5, e2000624.	1.4	16
451	The Persistent Challenge of Pneumocystis Growth Outside the Mammalian Lung: Past and Future Approaches. <i>Frontiers in Microbiology</i> , 2021, 12, 681474.	1.5	17
452	Mesna ameliorates acute lung injury induced by intestinal ischemia-reperfusion in rats. <i>Scientific Reports</i> , 2021, 11, 13356.	1.6	8
453	IGF-1 Receptor Signaling Regulates Type II Pneumocyte Senescence and Resulting Macrophage Polarization in Lung Fibrosis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 526-538.	0.4	21
454	Type II alveolar cell MHCII improves respiratory viral disease outcomes while exhibiting limited antigen presentation. <i>Nature Communications</i> , 2021, 12, 3993.	5.8	25
455	Dexamethasone for Severe COVID-19: How Does It Work at Cellular and Molecular Levels?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6764.	1.8	25
456	Comprehensive micro-scaled proteome and phosphoproteome characterization of archived retrospective cancer repositories. <i>Nature Communications</i> , 2021, 12, 3576.	5.8	39
457	Implications of microscale lung damage for COVID-19 pulmonary ventilation dynamics: A narrative review. <i>Life Sciences</i> , 2021, 274, 119341.	2.0	17
459	Linking Fibrotic Remodeling and Ultrastructural Alterations of Alveolar Epithelial Cells after Deletion of Nedd4-2. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7607.	1.8	5
460	The role of vitamin D in reducing SARS-CoV-2 infection: An update. <i>International Immunopharmacology</i> , 2021, 97, 107686.	1.7	31

#	ARTICLE	IF	CITATIONS
462	Functional human iPSC-derived alveolar-like cells cultured in a miniaturized 96-well Transwell liquid interface model. <i>Scientific Reports</i> , 2021, 11, 17028.	1.6	17
463	Pulmonary Surfactant: A Unique Biomaterial with Life-saving Therapeutic Applications. <i>Current Medicinal Chemistry</i> , 2022, 29, 526-590.	1.2	9
464	An Adverse Outcomes Approach to Study the Effects of SARS-CoV-2 in 3D Organoid Models. <i>Journal of Molecular Biology</i> , 2022, 434, 167213.	2.0	6
465	Stretch increases alveolar type 1 cell number in fetal lungs through ROCK-Yap/Taz pathway. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 321, L814-L826.	1.3	7
466	The Potential of Lung Epithelium Specific Proteins as Biomarkers for COVID-19-Associated Lung Injury. <i>Diagnostics</i> , 2021, 11, 1643.	1.3	10
467	MicroRNA-541-5p regulates Type II Alveolar Epithelial Cell Proliferation and Activity by Modulating the HMGB1 Expression. <i>Shock</i> , 2022, 57, 536-543.	1.0	5
469	Novel severe acute respiratory syndrome coronavirus 2 (SARS-COV-2) infection: Microbiologic perspectives and anatomic considerations for sanctuary sites. <i>Journal of Infection and Public Health</i> , 2021, 14, 1237-1246.	1.9	0
470	Lungs. , 2022, , 243-256.		0
471	The Anatomy and Physiology of Laboratory Mouse. , 2021, , 159-185.		0
472	In Vitro Models of the Alveolar Epithelial Barrier. , 2008, , 258-282.		11
473	Chemokines and Their Receptors in Fibrosis. , 2007, , 295-317.		2
474	Physicochemical Aspects of Pulmonary Surfactant. , 2004, , 1014-1034.		10
477	COVID-19: Proposing a Ketone-Based Metabolic Therapy as a Treatment to Blunt the Cytokine Storm. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-34.	1.9	43
478	Cell-Cell Communication in Heterocellular Cultures of Alveolar Epithelial Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2003, 29, 552-561.	1.4	55
479	TRPV4 channels are essential for alveolar epithelial barrier function as protection from lung edema. <i>JCI Insight</i> , 2020, 5, .	2.3	28
480	Yap/Taz regulate alveolar regeneration and resolution of lung inflammation. <i>Journal of Clinical Investigation</i> , 2019, 129, 2107-2122.	3.9	178
481	Human iPSC cell-derived alveolar epithelium repopulates lung extracellular matrix. <i>Journal of Clinical Investigation</i> , 2013, 123, 4950-4962.	3.9	214
482	Pulmonary Drug Delivery with Nanoparticles. , 2011, , .		1

#	ARTICLE	IF	CITATIONS
483	Alveolar Epithelial Type II Cells Activate Alveolar Macrophages and Mitigate P. Aeruginosa Infection. PLoS ONE, 2009, 4, e4891.	1.1	75
484	MicroRNome Analysis Unravels the Molecular Basis of SARS Infection in Bronchoalveolar Stem Cells. PLoS ONE, 2009, 4, e7837.	1.1	122
485	Cultured Alveolar Epithelial Cells From Septic Rats Mimic In Vivo Septic Lung. PLoS ONE, 2010, 5, e11322.	1.1	28
486	The Role of Alveolar Epithelial Type II-Like Cells in Uptake of Structurally Different Antigens and in Polarisation of Local Immune Responses. PLoS ONE, 2015, 10, e0124777.	1.1	6
487	Glucocorticoids Distinctively Modulate the CFTR Channel with Possible Implications in Lung Development and Transition into Extrauterine Life. PLoS ONE, 2015, 10, e0124833.	1.1	18
488	Long Term Culture of the A549 Cancer Cell Line Promotes Multilamellar Body Formation and Differentiation towards an Alveolar Type II Pneumocyte Phenotype. PLoS ONE, 2016, 11, e0164438.	1.1	78
489	Heat-Not-Burn cigarette induces oxidative stress response in primary rat alveolar epithelial cells. PLoS ONE, 2020, 15, e0242789.	1.1	15
490	Non-animal models of epithelial barriers (skin, intestine and lung) in research, industrial applications and regulatory toxicology. ALTEX: Alternatives To Animal Experimentation, 2015, 32, 327-378.	0.9	108
491	Protein Folding and the Challenges of Maintaining Endoplasmic Reticulum Proteostasis in Idiopathic Pulmonary Fibrosis. Annals of the American Thoracic Society, 2017, 14, S410-S413.	1.5	25
492	The Epithelial Cell in Lung Health and Emphysema Pathogenesis. Current Respiratory Medicine Reviews, 2006, 2, 101-142.	0.1	42
494	Hydrocortisone Promotes Differentiation of Mouse Embryonic Stem Cell-Derived Definitive Endoderm toward Lung Alveolar Epithelial Cells. Cell Journal, 2019, 20, 469-476.	0.2	2
495	Epithelial cell restoration and regeneration in inflammatory lung diseases. Inflammation and Regeneration, 2011, 31, 290-295.	1.5	2
496	COVID-19: Targeting the cytokine storm via cholinergic anti-inflammatory (Pyridostigmine). International Journal of Clinical Virology, 2020, 4, 041-046.	0.1	5
497	Pulmonary Surfactant and Bacterial Lipopolysaccharide: The Interaction and its Functional Consequences. Physiological Research, 2017, 66, S147-S157.	0.4	38
498	The Three-Dimensional Ultrastructure of the Human Alveolar Epithelium Revealed by Focused Ion Beam Electron Microscopy. International Journal of Molecular Sciences, 2020, 21, 1089.	1.8	5
499	The emergence of novel coronavirus disease (COVID-19) in Bangladesh: Present status, challenges, and future management. Journal of Advanced Veterinary and Animal Research, 2020, 7, 198.	0.5	25
500	Insights into the Signal Transduction Pathways of Mouse Lung Type II Cells Revealed by Transcription Factor Profiling in the Transcriptome. Genomics and Informatics, 2019, 17, e8.	0.4	10
501	Pulmonary Alveolar Stem Cell Senescence, Apoptosis, and Differentiation by p53-Dependent and -Independent Mechanisms in Telomerase-Deficient Mice. Cells, 2021, 10, 2892.	1.8	5

#	ARTICLE	IF	CITATIONS
502	The Role of Vascular Endothelial Growth Factor in Lung Injury and Repair. Yearbook of Intensive Care and Emergency Medicine, 2007, , 299-309.	0.1	0
503	Physicochemical Aspects of Pulmonary Surfactant. , 2011, , 1094-1114.		3
504	Functional Designs of the Gas Exchangers. , 2011, , 141-221.		1
505	Directed Differentiation of Mesendoderm Derivatives from Embryonic Stem Cells. , 0, , .		0
506	Broadening Our View About the Role of Mycobacterium tuberculosis Cell Envelope Components During Infection: A Battle for Survival. , 0, , .		0
507	Tissue Differentiation of ESC into Lung Cells and Functional Validation. , 2014, , 39-65.		0
508	Type II Cells as Progenitors in Alveolar Repair. Pancreatic Islet Biology, 2015, , 13-33.	0.1	1
510	Interactive effects of reducing exercise intensity and Adiantum capillus veneris extract on remodeling and modulation of pulmonary apoptotic indices in the rats exposed to the hypoxia.. Scientific Journal of Kurdistan University of Medical Sciences, 2018, 23, 81-91.	0.1	1
511	Cigarette Smoke-Induced Oxidative Stress in Type I and Type II Lung Epithelial Cells. , 2019, , 115-123.		0
513	Alveolar Epithelial Cells. , 2021, , 247-255.		1
514	Compositional, structural and functional properties of discrete coexisting complexes within bronchoalveolar pulmonary surfactant. Biochimica Et Biophysica Acta - Biomembranes, 2022, 1864, 183808.	1.4	1
515	Management of Covid-19 in the outpatient setting. Case Reports International, 2020, 9, 1.	0.0	0
516	Animal models of drug-induced pulmonary fibrosis: an overview of molecular mechanisms and characteristics. Cell Biology and Toxicology, 2022, 38, 699-723.	2.4	31
517	Die Alveolen: Gasaustausch und Abwehrsystem. , 2005, , 228-229.		0
518	The Role of Vascular Endothelial Growth Factor in Lung Injury and Repair. , 2007, , 299-309.		0
520	Alveolar epithelial cells in idiopathic pulmonary fibrosis display upregulation of TRAIL, DR4 and DR5 expression with simultaneous preferential over-expression of pro-apoptotic marker p53. International Journal of Clinical and Experimental Pathology, 2014, 7, 552-64.	0.5	31
521	Endoplasmic reticulum stress, a new wrestler, in the pathogenesis of idiopathic pulmonary fibrosis. American Journal of Translational Research (discontinued), 2017, 9, 722-735.	0.0	26
522	MicroRNA-21-5p antagonizes oxidant-mediated apoptosis in alveolar epithelial type II cells by targeting PDCD4. International Journal of Clinical and Experimental Pathology, 2017, 10, 10315-10324.	0.5	0

#	ARTICLE	IF	CITATIONS
523	MicroRNA-22 enhances the differentiation of mouse induced pluripotent stem cells into alveolar epithelial type II cells. <i>European Journal of Histochemistry</i> , 2020, 64, .	0.6	1
524	Anticipated pharmacological role of Aviptadil on COVID-19. <i>Environmental Science and Pollution Research</i> , 2022, 29, 8109-8125.	2.7	9
525	The pathogenesis, epidemiology and biomarkers of susceptibility of pulmonary fibrosis in COVID-19 survivors. <i>Clinical Chemistry and Laboratory Medicine</i> , 2022, 60, 307-316.	1.4	27
526	Fifty years of the schistosome tegument: discoveries, controversies, and outstanding questions. <i>International Journal for Parasitology</i> , 2021, 51, 1213-1232.	1.3	26
527	Capillary instability of a two-layer annular film: an airway closure model. <i>Journal of Fluid Mechanics</i> , 2022, 934, .	1.4	6
528	MicroRNA-22 enhances the differentiation of mouse induced pluripotent stem cells into alveolar epithelial type II cells. <i>European Journal of Histochemistry</i> , 2020, 64, .	0.6	1
529	Gene Therapy Potential for Genetic Disorders of Surfactant Dysfunction. <i>Frontiers in Genome Editing</i> , 2021, 3, 785829.	2.7	13
530	MICU1-dependent mitochondrial calcium uptake regulates lung alveolar type 2 cell plasticity and lung regeneration. <i>JCI Insight</i> , 2022, 7, .	2.3	11
531	Calcitonin Gene-Related Peptide Attenuates Hyperoxia-Induced Oxidative Damage in Alveolar Epithelial Type II Cells Through Regulating Viability and Transdifferentiation. <i>Inflammation</i> , 2022, 45, 863-875.	1.7	9
532	The Role of Sphingolipid Signaling in Oxidative Lung Injury and Pathogenesis of Bronchopulmonary Dysplasia. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1254.	1.8	12
533	Non-invasive administration of AAV to target lung parenchymal cells and develop SARS-CoV-2-susceptible mice. <i>Molecular Therapy</i> , 2022, 30, 1994-2004.	3.7	9
534	GM-CSF: Orchestrating the Pulmonary Response to Infection. <i>Frontiers in Pharmacology</i> , 2021, 12, 735443.	1.6	8
535	The differentiation of embryonic stem cells and induced pluripotent stem cells into airway and alveolar epithelial cells. , 2022, , 95-127.		0
536	Epithelial LIF signaling limits apoptosis and lung injury during bacterial pneumonia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2022, 322, L550-L563.	1.3	5
537	Current Challenges for the Effective Management of the COVID-19 Pandemic. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1353, 131-149.	0.8	1
539	Aryl Hydrocarbon Receptor (AhR) Limits the Inflammatory Responses in Human Lung Adenocarcinoma A549 Cells via Interference with NF- κ B Signaling. <i>Cells</i> , 2022, 11, 707.	1.8	7
541	A New Homotetramer Hemoglobin in the Pulmonary Surfactant of Plateau Zokors (<i>Myospalax Baileyi</i>). <i>Frontiers in Genetics</i> , 2022, 13, 824049.	1.1	2
542	Lung type II alveolar epithelial cells collaborate with CCR2+ inflammatory monocytes in host defense against poxvirus infection. <i>Nature Communications</i> , 2022, 13, 1671.	5.8	10

#	ARTICLE	IF	CITATIONS
544	Emerging role of exosomes in the pathology of chronic obstructive pulmonary diseases; destructive and therapeutic properties. <i>Stem Cell Research and Therapy</i> , 2022, 13, 144.	2.4	9
545	Diabetes Induced Changes in the Expression of Markers for Alveolar Epithelial Type I and II Cells in the Lung of the Albino Rat. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2021, 57, 1322-1332.	0.2	0
546	Hypothetical Immunological and Immunogenetic Model of Heterogenous Effects of BCG Vaccination in SARS-CoV-2 Infections: BCG-induced Trained and Heterologous Immunity. <i>Journal of Medical Science</i> , 0, e551.	0.2	2
547	Ultrastructural investigation of the pneumocytes in piglets that live in a trashed environment. <i>Morphologie</i> , 2021, , .	0.5	0
557	Mesenchymal stem cells: Novel avenues in combating COVID-19. , 2022, , 71-94.		0
558	Antigen Presentation in the Lung. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	19
559	3D Lung-on-Chip Model Based on Biomimetically Microcurved Culture Membranes. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 2684-2699.	2.6	27
560	Cell-Surface Programmed Death Ligand-1 Expression Identifies a Sub-Population of Distal Epithelial Cells Enriched in Idiopathic Pulmonary Fibrosis. <i>Cells</i> , 2022, 11, 1593.	1.8	11
561	MicroRNA-20b carried by mesenchymal stem cell-derived extracellular vesicles protects alveolar epithelial type II cells from Mycobacterium tuberculosis infection in vitro. <i>Infection, Genetics and Evolution</i> , 2022, 101, 105292.	1.0	2
562	Hedgehog Signaling: Linking Embryonic Lung Development and Asthmatic Airway Remodeling. <i>Cells</i> , 2022, 11, 1774.	1.8	7
564	Activating transcription factor 3 protects alveolar epithelial type II cells from Mycobacterium tuberculosis infection-induced inflammation. <i>Tuberculosis</i> , 2022, 135, 102227.	0.8	5
565	A single-cell lung atlas of complement genes identifies the mesothelium and epithelium as prominent sources of extrahepatic complement proteins. <i>Mucosal Immunology</i> , 2022, 15, 927-939.	2.7	17
566	Maximizing the relevance and reproducibility of A549 cell culture using FBS-free media. <i>Toxicology in Vitro</i> , 2022, 83, 105423.	1.1	8
567	Regeneration or Repair? The Role of Alveolar Epithelial Cells in the Pathogenesis of Idiopathic Pulmonary Fibrosis (IPF). <i>Cells</i> , 2022, 11, 2095.	1.8	60
568	Protein nanoparticle-induced osmotic pressure gradients modify pulmonary edema through hyperpermeability in acute respiratory distress syndrome. <i>Journal of Nanobiotechnology</i> , 2022, 20, .	4.2	5
569	Comprehensive overview of COVID-19-related respiratory failure: focus on cellular interactions. <i>Cellular and Molecular Biology Letters</i> , 2022, 27, .	2.7	6
570	microRNA Expression Profile of Purified Alveolar Epithelial Type II Cells. <i>Genes</i> , 2022, 13, 1420.	1.0	1
571	Human Pulmonary Tuberculosis: Understanding the Immune Response in the Bronchoalveolar System. <i>Biomolecules</i> , 2022, 12, 1148.	1.8	11

#	ARTICLE	IF	CITATIONS
573	Lung fibrogenic microenvironment in mouse reconstitutes human alveolar structure and lung tumor. <i>IScience</i> , 2022, 25, 104912.	1.9	3
574	Strain-Specific Behavior of <i>Mycobacterium tuberculosis</i> in Interruption of Autophagy Pathway in Human Alveolar Type II Epithelial A549 Cells. <i>Iranian Biomedical Journal</i> , 2022, 26, 313-323.	0.4	1
575	Expression of long noncoding RNA uc.375 in bronchopulmonary dysplasia and its function in the proliferation and apoptosis of mouse alveolar epithelial cell line MLE 12. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	1
576	Transient Receptor Potential (TRP) Channels in Airway Toxicity and Disease: An Update. <i>Cells</i> , 2022, 11, 2907.	1.8	11
577	Impaired energy metabolism and altered functional activity of alveolar type II epithelial cells following exposure of rats to nitrogen mustard. <i>Toxicology and Applied Pharmacology</i> , 2022, 456, 116257.	1.3	2
578	A homotetrameric hemoglobin expressed in alveolar epithelial cells increases blood oxygenation in high-altitude plateau pika (<i>Ochotona curzoniae</i>). <i>Cell Reports</i> , 2022, 41, 111446.	2.9	3
579	Lung Organoids in Smoking Research: Current Advances and Future Promises. <i>Biomolecules</i> , 2022, 12, 1463.	1.8	4
580	The underappreciated role of resident epithelial cell populations in metastatic progression: contributions of the lung alveolar epithelium. <i>American Journal of Physiology - Cell Physiology</i> , 2022, 323, C1777-C1790.	2.1	3
581	Resistance and Susceptibility Immune Factors at Play during <i>Mycobacterium tuberculosis</i> Infection of Macrophages. <i>Pathogens</i> , 2022, 11, 1153.	1.2	1
583	Enhancement of airway epithelial cell differentiation by pulmonary endothelial cell co-culture. <i>Stem Cell Research</i> , 2022, 65, 102967.	0.3	2
585	Salidroside attenuates HALI via IL-17A-mediated ferroptosis of alveolar epithelial cells by regulating Act1-TRAF6-p38 MAPK pathway. <i>Cell Communication and Signaling</i> , 2022, 20, .	2.7	19
586	Efficacy of Alveolar Type II Epithelial Cell Transplantation for Pulmonary Fibrosis: A Meta-Analysis. <i>Iranian Journal of Public Health</i> , 0, , .	0.3	0
587	iNOS Deletion in Alveolar Epithelium Cannot Reverse the Elastase-Induced Emphysema in Mice. <i>Cells</i> , 2023, 12, 125.	1.8	0
588	ACE2 in pulmonary diseases. , 2023, , 285-316.		0
589	Dysregulated lung stroma drives emphysema exacerbation by potentiating resident lymphocytes to suppress an epithelial stem cell reservoir. <i>Immunity</i> , 2023, 56, 576-591.e10.	6.6	15
590	Decreased expression of surfactant Protein-C and CD74 in alveolar epithelial cells during influenza virus A(H1N1)pdm09 and H3N2 infection. <i>Microbial Pathogenesis</i> , 2023, 176, 106017.	1.3	2
591	The Defenders of the Alveolus Succumb in COVID-19 Pneumonia to SARS-CoV-2 and Necroptosis, Pyroptosis, and PANoptosis. <i>Journal of Infectious Diseases</i> , 2023, 227, 1245-1254.	1.9	6
592	A four-part guide to lung immunology: Invasion, inflammation, immunity, and intervention. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	5

#	ARTICLE	IF	CITATIONS
594	Lung Development. , 2024, , 535-547.e2.		0
616	Organ-on-chip models for pulmonary permeability studies. , 2024, , 563-575.		0