

Stefan Uhlig

List of Publications by Year in descending order

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Version: 2024-02-01

184
papers

12,064
citations

29994

54
h-index

29081

104
g-index

191
all docs

191
docs citations

191
times ranked

15072
citing authors

#	ARTICLE	IF	CITATIONS
1	Update on the Features and Measurements of Experimental Acute Lung Injury in Animals: An Official American Thoracic Society Workshop Report. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, 66, e1-e14.	1.4	82
2	Stimulation of the EP ₃ receptor causes lung edema by activation of TRPC6 in pulmonary endothelial cells. <i>European Respiratory Journal</i> , 2022, , 2102635.	3.1	3
3	Platelet-derived growth factor (PDGF)-BB regulates the airway tone via activation of MAP2K, thromboxane, actin polymerisation and Ca ²⁺ -sensitisation. <i>Respiratory Research</i> , 2022, 23, .	1.4	3
4	Stretchable electrical cell-substrate impedance sensor platform for monitoring cell monolayers under strain. <i>Sensors and Actuators B: Chemical</i> , 2021, 336, 129656.	4.0	4
5	Reference Gene Selection for Gene Expression Analyses in Mouse Models of Acute Lung Injury. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7853.	1.8	7
6	Acid sphingomyelinase regulates T _H 2 cytokine release and bronchial asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 603-615.	2.7	14
7	Levosimendan reduces segmental pulmonary vascular resistance in isolated perfused rat lungs and relaxes human pulmonary vessels. <i>PLoS ONE</i> , 2020, 15, e0233176.	1.1	12
8	Reevaluation of Lung Injury in TNF-Induced Shock: The Role of the Acid Sphingomyelinase. <i>Mediators of Inflammation</i> , 2020, 2020, 1-14.	1.4	9
9	Autopsy registry can facilitate COVID-19 research. <i>EMBO Molecular Medicine</i> , 2020, 12, e12885.	3.3	20
10	Constituent-specific material behavior of soft biological tissue: experimental quantification and numerical identification for lung parenchyma. <i>Biomechanics and Modeling in Mechanobiology</i> , 2019, 18, 1383-1400.	1.4	17
11	Tyrosine kinase inhibitors relax pulmonary arteries in human and murine precision-cut lung slices. <i>Respiratory Research</i> , 2019, 20, 111.	1.4	19
12	Retrograde perfusion in isolated perfused mouse lungs—Feasibility and effects on cytokine levels and pulmonary oedema formation. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2019, 125, 279-288.	1.2	3
13	A coupled approach for identification of nonlinear and compressible material models for soft tissue based on different experimental setups—Exemplified and detailed for lung parenchyma. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 94, 126-143.	1.5	18
14	Argon reduces the pulmonary vascular tone in rats and humans by GABA-receptor activation. <i>Scientific Reports</i> , 2019, 9, 1902.	1.6	9
15	Pulmonary phagocyte-derived NPY controls the pathology of severe influenza virus infection. <i>Nature Microbiology</i> , 2019, 4, 258-268.	5.9	13
16	Difficulties in modelling ARDS (2017 Grover Conference Series). <i>Pulmonary Circulation</i> , 2018, 8, 1-9.	0.8	11
17	The effects of hydroxyethyl starch and gelatine on pulmonary cytokine production and oedema formation. <i>Scientific Reports</i> , 2018, 8, 5123.	1.6	10
18	Inflammatory processes during acute respiratory distress syndrome: a complex system. <i>Current Opinion in Critical Care</i> , 2018, 24, 1-9.	1.6	52

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19	Experimental characterization and model identification of the nonlinear compressible material behavior of lung parenchyma. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018, 77, 754-763.	1.5	13
20	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
21	Optimising experimental research in respiratory diseases: an ERS statement. <i>European Respiratory Journal</i> , 2018, 51, 1702133.	3.1	98
22	PDGF-BB regulates the pulmonary vascular tone: impact of prostaglandins, calcium, MAPK- and PI3K/AKT/mTOR signalling and actin polymerisation in pulmonary veins of guinea pigs. <i>Respiratory Research</i> , 2018, 19, 120.	1.4	39
23	Smart Medical Information Technology for Healthcare (SMITH). <i>Methods of Information in Medicine</i> , 2018, 57, e92-e105.	0.7	89
24	Signalling mechanisms in PAF-induced intestinal failure. <i>Scientific Reports</i> , 2017, 7, 13382.	1.6	6
25	In Reply. <i>Anesthesiology</i> , 2017, 127, 1042-1042.	1.3	3
26	One-hit Models of Ventilator-induced Lung Injury. <i>Anesthesiology</i> , 2017, 126, 909-922.	1.3	29
27	Imatinib relaxes the pulmonary venous bed of guinea pigs. <i>Respiratory Research</i> , 2017, 18, 32.	1.4	17
28	Inflammatory Mediators in Tracheal Aspirates of Preterm Infants Participating in a Randomized Trial of Permissive Hypercapnia. <i>Frontiers in Pediatrics</i> , 2017, 5, 246.	0.9	3
29	Shear Stress Counteracts Endothelial CX3CL1 Induction and Monocytic Cell Adhesion. <i>Mediators of Inflammation</i> , 2017, 2017, 1-10.	1.4	21
30	Inflammatory Mediators in Tracheal Aspirates of Preterm Infants Participating in a Randomized Trial of Inhaled Nitric Oxide. <i>PLoS ONE</i> , 2017, 12, e0169352.	1.1	13
31	Nintedanib relaxes human pulmonary arteries more potently than murine. , 2017, , .		0
32	Thrombin stimulates albumin transcytosis in lung microvascular endothelial cells via activation of acid sphingomyelinase. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 310, L720-L732.	1.3	29
33	Toward the Molecular Signature of Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 922-924.	2.5	1
34	LSC Abstract â€“ Differentiation between inflammation and hyperinflammation in the murine lung. , 2016, , .		0
35	LSC Abstract â€“ Differentiation between inflammation and hyperinflammation in the murine lung. , 2016, , .		0
36	Quinidine, but Not Eicosanoid Antagonists or Dexamethasone, Protect the Gut from Platelet Activating Factor-Induced Vasoconstriction, Edema and Paralysis. <i>PLoS ONE</i> , 2015, 10, e0120802.	1.1	5

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37	The Effects of Dexamethasone and Oxygen in Ventilated Adult Sheep with Early Phase Acute Respiratory Distress Syndrome. <i>Lung</i> , 2015, 193, 97-103.	1.4	7
38	ADAM-family metalloproteinases in lung inflammation: potential therapeutic targets. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 308, L325-L343.	1.3	108
39	Mechanical Stress and the Induction of Lung Fibrosis via the Midkine Signaling Pathway. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 192, 315-323.	2.5	93
40	The cAMP response element modulator (CREM) regulates TH2 mediated inflammation. <i>Oncotarget</i> , 2015, 6, 38538-38551.	0.8	15
41	Dual mechanism of platelet-derived growth factor (PDGF)-receptor: Contribution of vascular response to the pathogenesis of pulmonary hypertension (PH). , 2015, , .		0
42	Milrinone Relaxes Pulmonary Veins in Guinea Pigs and Humans. <i>PLoS ONE</i> , 2014, 9, e87685.	1.1	26
43	Comparison of Airway Responses in Sheep of Different Age in Precision-Cut Lung Slices (PCLS). <i>PLoS ONE</i> , 2014, 9, e97610.	1.1	14
44	Interplay between Nuclear Factor Erythroid 2-Related Factor 2 and Amphiregulin during Mechanical Ventilation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 51, 668-677.	1.4	14
45	Differential Regulation of Lung Endothelial Permeability & in Vitro & in Situ. <i>Cellular Physiology and Biochemistry</i> , 2014, 34, 1-19.	1.1	54
46	Smooth Muscle Cells Relay Acute Pulmonary Inflammation via Distinct ADAM17/ErbB Axes. <i>Journal of Immunology</i> , 2014, 192, 722-731.	0.4	21
47	Numerical identification method for the non-linear viscoelastic compressible behavior of soft tissue using uniaxial tensile tests and image registration – Application to rat lung parenchyma. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2014, 29, 360-374.	1.5	30
48	18:1/18:1-Dioleoyl-phosphatidylglycerol prevents alveolar epithelial apoptosis and profibrotic stimulus in a neonatal piglet model of acute respiratory distress syndrome. <i>Pulmonary Pharmacology and Therapeutics</i> , 2014, 28, 25-34.	1.1	14
49	Leukocytes require ADAM10 but not ADAM17 for their migration and inflammatory recruitment into the alveolar space. <i>Blood</i> , 2014, 123, 4077-4088.	0.6	54
50	Comparison of Recruitment Manoeuvres in Ventilated Sheep with Acute Respiratory Distress Syndrome. <i>Lung</i> , 2013, 191, 77-86.	1.4	9
51	Modulation of antigen-induced responses by serotonin and prostaglandin E2 via EP1 and EP4 receptors in the peripheral rat lung. <i>European Journal of Pharmacology</i> , 2013, 699, 141-149.	1.7	8
52	CXCL10-CXCR3 Enhances the Development of Neutrophil-mediated Fulminant Lung Injury of Viral and Nonviral Origin. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 187, 65-77.	2.5	248
53	Overexpression of CREM± in T Cells Aggravates Lipopolysaccharide-Induced Acute Lung Injury. <i>Journal of Immunology</i> , 2013, 191, 1316-1323.	0.4	20
54	Negative Pressure Ventilation and Positive Pressure Ventilation Promote Comparable Levels of Ventilator-induced Diaphragmatic Dysfunction in Rats. <i>Anesthesiology</i> , 2013, 119, 652-662.	1.3	24

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55	Levosimendan Relaxes Pulmonary Arteries and Veins in Precision-Cut Lung Slices - The Role of KATP-Channels, cAMP and cGMP. PLoS ONE, 2013, 8, e66195.	1.1	23
56	Sphingolipids in Acute Lung Injury. Handbook of Experimental Pharmacology, 2013, , 227-246.	0.9	16
57	Inhalative IL-10 Attenuates Pulmonary Inflammation following Hemorrhagic Shock without Major Alterations of the Systemic Inflammatory Response. Mediators of Inflammation, 2012, 2012, 1-6.	1.4	20
58	Orai1 Determines Calcium Selectivity of an Endogenous TRPC Heterotetramer Channel. Circulation Research, 2012, 110, 1435-1444.	2.0	61
59	Lung Endothelial Ca ²⁺ and Permeability Response to Platelet-Activating Factor Is Mediated by Acid Sphingomyelinase and Transient Receptor Potential Classical 6. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 160-170.	2.5	80
60	Topical application of phosphatidylinositol(3,5)bisphosphate for acute lung injury in neonatal swine. Journal of Cellular and Molecular Medicine, 2012, 16, 2813-2826.	1.6	9
61	Inositol Trisphosphate Reduces Alveolar Apoptosis and Pulmonary Edema in Neonatal Lung Injury. American Journal of Respiratory Cell and Molecular Biology, 2012, 47, 158-169.	1.4	14
62	Detection of air trapping in chronic obstructive pulmonary disease by low frequency ultrasound. BMC Pulmonary Medicine, 2012, 12, 8.	0.8	9
63	Neurally Mediated Airway Constriction in Human and Other Species: A Comparative Study Using Precision-Cut Lung Slices (PCLS). PLoS ONE, 2012, 7, e47344.	1.1	54
64	Lung endothelial ADAM17 regulates the acute inflammatory response to lipopolysaccharide. EMBO Molecular Medicine, 2012, 4, 412-423.	3.3	86
65	Models and mechanisms of acute lung injury caused by direct insults. European Journal of Cell Biology, 2012, 91, 590-601.	1.6	139
66	Using the One-Lung Method to Link p38 to Pro-Inflammatory Gene Expression during Overventilation in C57BL/6 and BALB/c Mice. PLoS ONE, 2012, 7, e41464.	1.1	18
67	Lung endothelial Ca ²⁺ and permeability response to PAF is mediated by TRPC6. FASEB Journal, 2012, 26, .	0.2	0
68	The role of sphingolipids in respiratory disease. Therapeutic Advances in Respiratory Disease, 2011, 5, 325-344.	1.0	78
69	Ventilation-Induced Lung Injury. , 2011, 1, 635-61.		35
70	Electric field stimulation of precision-cut lung slices. Journal of Applied Physiology, 2011, 110, 545-554.	1.2	33
71	Human-Relevant Bronchoconstrictors Are Effective In Precision Cut Lung Slices Of Non-Human Primates. , 2011, , .		1
72	Comparative Effects Of Variable Pressure Support And Biphasic Positive Airway Pressure Ventilation On Lung Function, Damage And Inflammation In Experimental Lung Injury. , 2011, , .		0

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73	Recurrent Recruitment Manoeuvres Improve Lung Mechanics and Minimize Lung Injury during Mechanical Ventilation of Healthy Mice. PLoS ONE, 2011, 6, e24527.	1.1	57
74	Cardiovascular Agents Affect the Tone of Pulmonary Arteries and Veins in Precision-Cut Lung Slices. PLoS ONE, 2011, 6, e29698.	1.1	30
75	Pressure support improves oxygenation and lung protection compared to pressure-controlled ventilation and is further improved by random variation of pressure support*. Critical Care Medicine, 2011, 39, 746-755.	0.4	71
76	Bronchoconstriction in nonhuman primates: a species comparison. Journal of Applied Physiology, 2011, 111, 791-798.	1.2	43
77	Material model of lung parenchyma based on living precision-cut lung slice testing. Journal of the Mechanical Behavior of Biomedical Materials, 2011, 4, 583-592.	1.5	66
78	Open lung approach vs acute respiratory distress syndrome network ventilation in experimental acute lung injury. British Journal of Anaesthesia, 2011, 107, 388-397.	1.5	25
79	Mitogen-activated protein kinases p38 and ERK1/2 regulated control of <i>Mycobacterium avium</i> replication in primary murine macrophages is independent of tumor necrosis factor- α and interleukin-10. Innate Immunity, 2011, 17, 470-485.	1.1	17
80	Antenatal Inflammation Reduces Expression of Caveolin-1 and Influences Multiple Signaling Pathways in Preterm Fetal Lungs. American Journal of Respiratory Cell and Molecular Biology, 2011, 45, 969-976.	1.4	36
81	Ingestion of (n-3) Fatty Acids Augments Basal and Platelet Activating Factor-Induced Permeability to Dextran in the Rat Mesenteric Vascular Bed. Journal of Nutrition, 2011, 141, 1635-1642.	1.3	4
82	Assessment of Endothelial Permeability and Leukocyte Transmigration in Human Endothelial Cell Monolayers. Methods in Molecular Biology, 2011, 763, 319-332.	0.4	8
83	Strain And Vehicle Dependence Of Zymosan-induced Lung Injury. , 2010, , .		0
84	TRPV4-deficiency Protects Overventilated Mice From Lung Edema But Not Inflammation. , 2010, , .		1
85	Vascular Barrier Regulation by PAF, Ceramide, Caveolae, and NO - an Intricate Signaling Network with Discrepant Effects in the Pulmonary and Systemic Vasculature. Cellular Physiology and Biochemistry, 2010, 26, 29-40.	1.1	74
86	Requirements for leukocyte transmigration via the transmembrane chemokine CX3CL1. Cellular and Molecular Life Sciences, 2010, 67, 4233-4248.	2.4	44
87	Absence Of Lung Injury In Mice During High-tidal Volume Ventilation When Other Physiological Parameters Are Maintained In A Physiological Range. , 2010, , .		0
88	Biaxial distension of precision-cut lung slices. Journal of Applied Physiology, 2010, 108, 713-721.	1.2	47
89	Platelet-activating factor reduces endothelial nitric oxide production: role of acid sphingomyelinase. European Respiratory Journal, 2010, 36, 417-427.	3.1	46
90	A Disintegrin and Metalloproteinase 17 (ADAM17) Mediates Inflammation-induced Shedding of Syndecan-1 and -4 by Lung Epithelial Cells. Journal of Biological Chemistry, 2010, 285, 555-564.	1.6	137

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91	Kidney calling lung and call back: how organs talk to each other. Nephrology Dialysis Transplantation, 2010, 25, 32-34.	0.4	13
92	Low-Frequency Ultrasound Permeates the Human Thorax and Lung: a Novel Approach to Non-Invasive Monitoring. Ultraschall in Der Medizin, 2010, 31, 53-62.	0.8	21
93	A model of the isolated perfused rat small intestine. American Journal of Physiology - Renal Physiology, 2010, 298, G304-G313.	1.6	28
94	Effects of the TLR2 Agonists MALP-2 and Pam3Cys in Isolated Mouse Lungs. PLoS ONE, 2010, 5, e13889.	1.1	32
95	Variable Tidal Volumes Improve Lung Protective Ventilation Strategies in Experimental Lung Injury. American Journal of Respiratory and Critical Care Medicine, 2009, 179, 684-693.	2.5	136
96	Potent and Selective Inhibition of Acid Sphingomyelinase by Bisphosphonates. Angewandte Chemie - International Edition, 2009, 48, 7560-7563.	7.2	73
97	Conserved responses to trichostatin A in rodent lungs exposed to endotoxin or stretch. Pulmonary Pharmacology and Therapeutics, 2009, 22, 593-602.	1.1	16
98	Ex vivo testing of immune responses in precision-cut lung slices. Toxicology and Applied Pharmacology, 2008, 231, 68-76.	1.3	92
99	Ex Vivo Lung Function Measurements in Precision-Cut Lung Slices (PCLS) from Chemical Allergen-Sensitized Mice Represent a Suitable Alternative to In Vivo Studies. Toxicological Sciences, 2008, 106, 444-453.	1.4	61
100	Improved Pulmonary Function by Acid Sphingomyelinase Inhibition in a Newborn Piglet Lavage Model. American Journal of Respiratory and Critical Care Medicine, 2008, 177, 1233-1241.	2.5	56
101	Sphingolipids in the Lungs. American Journal of Respiratory and Critical Care Medicine, 2008, 178, 1100-1114.	2.5	139
102	Pulmonary Cytokine Responses During Mechanical Ventilation of Noninjured Lungs With and Without End-Expiratory Pressure. Anesthesia and Analgesia, 2008, 107, 1265-1275.	1.1	32
103	Inhibition of Poly(Adenosine Diphosphate-Ribose) Polymerase Attenuates Ventilator-induced Lung Injury. Anesthesiology, 2008, 108, 261-268.	1.3	52
104	Steroids and histone deacetylase in ventilation-induced gene transcription. European Respiratory Journal, 2007, 30, 865-877.	3.1	14
105	Reduced rather than enhanced cholinergic airway constriction in mice with ablation of the large conductance Ca ²⁺ -activated K ⁺ channel. FASEB Journal, 2007, 21, 812-822.	0.2	40
106	Pumpless extracorporeal lung assist for protective mechanical ventilation in experimental lung injury*. Critical Care Medicine, 2007, 35, 2359-2366.	0.4	68
107	Surfactant "cofortification" by topical inhibition of nuclear factor- κ B activity in a newborn piglet lavage model*. Critical Care Medicine, 2007, 35, 2309-2318.	0.4	21
108	Activin A is an acute allergen-responsive cytokine and provides a link to TGF- β -mediated airway remodeling in asthma. Journal of Allergy and Clinical Immunology, 2006, 117, 111-118.	1.5	108

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109	Pulmonary Responses to Overventilation in Late Multiple Organ Failure. <i>Anesthesiology</i> , 2006, 105, 1192-1200.	1.3	7
110	Surfactant protein D inhibits early airway response in <i>Aspergillus fumigatus</i> -sensitized mice. <i>Clinical and Experimental Allergy</i> , 2006, 36, 930-940.	1.4	36
111	The zinc finger protein Gfi1 acts upstream of TNF to attenuate endotoxin-mediated inflammatory responses in the lung. <i>European Journal of Immunology</i> , 2006, 36, 421-430.	1.6	27
112	Irradiation-Induced Pneumonitis Mediated by the CD95/CD95-Ligand System. <i>Journal of the National Cancer Institute</i> , 2006, 98, 1248-1251.	3.0	37
113	Gene expression profiling of target genes in ventilator-induced lung injury. <i>Physiological Genomics</i> , 2006, 26, 68-75.	1.0	95
114	Characterisation of guinea pig precision-cut lung slices: comparison with human tissues. <i>European Respiratory Journal</i> , 2006, 28, 603-611.	3.1	149
115	REDUCED ACID SPHINGOMYELINASE ACTIVITY IMPROVES LUNG FUNCTION IN A NEWBORN PIGLET LAVAGE MODEL. <i>Critical Care Medicine</i> , 2006, 34, A39.	0.4	0
116	Ceramide alters endothelial cell permeability by a nonapoptotic mechanism. <i>British Journal of Pharmacology</i> , 2005, 145, 132-140.	2.7	28
117	Angiotensin-converting enzyme 2 protects from severe acute lung failure. <i>Nature</i> , 2005, 436, 112-116.	13.7	2,264
118	Reperfusion-Induced Gene Expression Profiles in Rat Lung Transplantation. <i>American Journal of Transplantation</i> , 2005, 5, 2160-2169.	2.6	32
119	Mechanical ventilation strategies and inflammatory responses to cardiac surgery: a prospective randomized clinical trial. <i>Intensive Care Medicine</i> , 2005, 31, 1379-1387.	3.9	115
120	The inositol trisphosphate pathway mediates platelet-activating-factor-induced pulmonary oedema. <i>European Respiratory Journal</i> , 2005, 25, 849-857.	3.1	30
121	Who Tidies Up the Lung?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 171, 1198-1199.	2.5	6
122	Mechanisms of platelet-activating factor (PAF)-mediated responses in the lung. <i>Pharmacological Reports</i> , 2005, 57 Suppl, 206-21.	1.5	17
123	Pressor responses to platelet-activating factor and thromboxane are mediated by Rho-kinase. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2004, 287, L250-L257.	1.3	21
124	Phosphoinositide 3-OH Kinase Inhibition Prevents Ventilation-induced Lung Cell Activation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004, 169, 201-208.	2.5	78
125	Altered Pulmonary Vascular Reactivity in Mice with Excessive Erythrocytosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004, 169, 829-835.	2.5	35
126	Biotrauma Hypothesis of Ventilator-induced Lung Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004, 169, 314-316.	2.5	65

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127	Intercellular Adhesion Molecule-1 Mediates Cellular Cross-Talk between Parenchymal and Immune Cells after Lipopolysaccharide Neutralization. <i>Journal of Immunology</i> , 2004, 172, 608-616.	0.4	29
128	PAF-mediated pulmonary edema: a new role for acid sphingomyelinase and ceramide. <i>Nature Medicine</i> , 2004, 10, 155-160.	15.2	276
129	HOPE technique enables western blot analysis from paraffin-embedded tissues. <i>Pathology Research and Practice</i> , 2004, 200, 469-472.	1.0	17
130	DNA microarray analysis of gene expression in alveolar epithelial cells in response to TNF α , LPS, and cyclic stretch. <i>Physiological Genomics</i> , 2004, 19, 331-342.	1.0	132
131	Pharmacological interventions in ventilator-induced lung injury. <i>Trends in Pharmacological Sciences</i> , 2004, 25, 592-600.	4.0	58
132	The Effects of Different Ventilatory Settings on Pulmonary and Systemic Inflammatory Responses During Major Surgery. <i>Anesthesia and Analgesia</i> , 2004, 98, 775-781.	1.1	195
133	Injurious ventilation strategies cause systemic release of IL-6 and MIP-2 in rats in vivo *. <i>Clinical Physiology and Functional Imaging</i> , 2003, 23, 349-353.	0.5	29
134	Assessment of the acute pulmonary toxicity of lamp oil aspiration in the isolated perfused rat lung. <i>Food and Chemical Toxicology</i> , 2003, 41, 1029-1033.	1.8	1
135	Stretch Activates Nitric Oxide Production in Pulmonary Vascular Endothelial Cells In Situ. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003, 168, 1391-1398.	2.5	111
136	The early allergic response in small airways of human precision-cut lung slices. <i>European Respiratory Journal</i> , 2003, 21, 1024-1032.	3.1	120
137	Taking a Peep at the Upper Airways. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003, 168, 1026-1027.	2.5	4
138	Modulation of Bacterial Growth by Tumor Necrosis Factor- α In Vitro and In Vivo. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003, 168, 1462-1470.	2.5	53
139	Ventilation-induced lung injury and mechanotransduction: stretching it too far?. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2002, 282, L892-L896.	1.3	226
140	Platelet-Activating Factor-induced Pulmonary Edema Is Partly Mediated by Prostaglandin E ₂ , E-Prostanoid 3-Receptors, and Potassium Channels. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2002, 166, 657-662.	2.5	61
141	Ventilation-induced activation of the mitogen-activated protein kinase pathway. <i>European Respiratory Journal</i> , 2002, 20, 946-956.	3.1	87
142	Effect of Surfactant on Ventilation-induced Mediator Release in Isolated Perfused Mouse Lungs. <i>Pulmonary Pharmacology and Therapeutics</i> , 2002, 15, 455-461.	1.1	32
143	Airway relaxant and anti-inflammatory properties of a PDE4 inhibitor with low affinity for the high-affinity rolipram binding site. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2002, 365, 284-289.	1.4	12
144	Exogenous surfactant reduces ventilator-induced decompartmentalization of tumor necrosis factor α in absence of positive end-expiratory pressure. <i>Intensive Care Medicine</i> , 2002, 28, 1131-1137.	3.9	33

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145	Immediate Allergic Response in Small Airways. American Journal of Respiratory and Critical Care Medicine, 2001, 163, 1462-1469.	2.5	61
146	Changes in airway resistance by simultaneous exposure to TNF- α and IL-1 β in perfused rat lungs. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2001, 280, L595-L601.	1.3	18
147	α 1 β T Cell Receptor-positive Cells and Interferon- γ , but not Inducible Nitric Oxide Synthase, Are Critical for Granuloma Necrosis in a Mouse Model of Mycobacteria-induced Pulmonary Immunopathology. Journal of Experimental Medicine, 2001, 194, 1847-1859.	4.2	101
148	Ventilation-Induced Chemokine and Cytokine Release Is Associated with Activation of Nuclear Factor- κ B and Is Blocked by Steroids. American Journal of Respiratory and Critical Care Medicine, 2001, 163, 711-716.	2.5	247
149	Cytokine-Induced Bronchoconstriction in Precision-Cut Lung Slices Is Dependent upon Cyclooxygenase-2 and Thromboxane Receptor Activation. American Journal of Respiratory Cell and Molecular Biology, 2001, 24, 139-145.	1.4	45
150	Granulocyte-Macrophage Colony-Stimulating Factor Amplifies Lipopolysaccharide-induced Bronchoconstriction by a Neutrophil- and Cyclooxygenase 2-Dependent Mechanism. American Journal of Respiratory and Critical Care Medicine, 2001, 163, 443-450.	2.5	22
151	Ether lipids in the cell membrane of Mycoplasma fermentans. FEBS Journal, 2000, 267, 6276-6286.	0.2	37
152	Differential effects of the mixed ET A /ET B -receptor antagonist bosentan on endothelin-induced bronchoconstriction, vasoconstriction and prostacyclin release. Naunyn-Schmiedeberg's Archives of Pharmacology, 2000, 362, 128-136.	1.4	23
153	Ventilator-induced lung injury leads to loss of alveolar and systemic compartmentalization of tumor necrosis factor- α . Intensive Care Medicine, 2000, 26, 1515-1522.	3.9	168
154	Basal lung mechanics and airway and pulmonary vascular responsiveness in different inbred mouse strains. Journal of Applied Physiology, 2000, 88, 2192-2198.	1.2	41
155	Can airways close completely?. Journal of Applied Physiology, 2000, 89, 2521-2522.	1.2	0
156	Mechanisms of Endotoxin-Induced Airway and Pulmonary Vascular Hyperreactivity in Mice. American Journal of Respiratory and Critical Care Medicine, 2000, 162, 1547-1552.	2.5	73
157	Effects of the thromboxane receptor agonist U46619 and endothelin-1 on large and small airways. European Respiratory Journal, 2000, 16, 316.	3.1	26
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