

Martin Witzenrath

List of Publications by Year in descending order

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Version: 2024-02-01

169
papers

11,998
citations

38742

50
h-index

34986

98
g-index

177
all docs

177
docs citations

177
times ranked

21272
citing authors

#	ARTICLE	IF	CITATIONS
1	Severity of respiratory failure and computed chest tomography in acute COVID-19 correlates with pulmonary function and respiratory symptoms after infection with SARS-CoV-2: An observational longitudinal study over 12 months. <i>Respiratory Medicine</i> , 2022, 191, 106709.	2.9	63
2	Altered fibrin clot structure and dysregulated fibrinolysis contribute to thrombosis risk in severe COVID-19. <i>Blood Advances</i> , 2022, 6, 1074-1087.	5.2	35
3	Impact of Ventilation Modes on Bronchoscopic Chartis Assessment Outcome in Candidates for Endobronchial Valve Treatment. <i>Respiration</i> , 2022, 101, 408-416.	2.6	1
4	Genetic Regulation of Cytokine Response in Patients with Acute Community-Acquired Pneumonia. <i>Genes</i> , 2022, 13, 111.	2.4	1
5	A proteomic survival predictor for COVID-19 patients in intensive care. , 2022, 1, e0000007.		28
6	A semisynthetic glycoconjugate provides expanded cross-serotype protection against <i>Streptococcus pneumoniae</i> . <i>Vaccine</i> , 2022, 40, 1038-1046.	3.8	2
7	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.	2.9	82
8	Early post-discharge mortality in CAP: frequency, risk factors and a prediction tool. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2022, 41, 621.	2.9	8
9	European Respiratory Society statement on long COVID follow-up. <i>European Respiratory Journal</i> , 2022, 60, 2102174.	6.7	81
10	Key benefits of dexamethasone and antibody treatment in COVID-19 hamster models revealed by single-cell transcriptomics. <i>Molecular Therapy</i> , 2022, 30, 1952-1965.	8.2	20
11	Preclinical Assessment of Bacteriophage Therapy against Experimental <i>Acinetobacter baumannii</i> Lung Infection. <i>Viruses</i> , 2022, 14, 33.	3.3	4
12	Bitter taste signaling in tracheal epithelial brush cells elicits innate immune responses to bacterial infection. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	19
13	<i>In Vitro</i> Screening Identifies TRPV4 and PAR1 as Targets for Endothelial Barrier Stabilization in COVID-19. <i>FASEB Journal</i> , 2022, 36, .	0.5	1
14	Chronic liver disease negatively affects outcome in hospitalised patients with community-acquired pneumonia. <i>Gut</i> , 2021, 70, 221-222.	12.1	7
15	Plasma mediators in patients with severe COVID-19 cause lung endothelial barrier failure. <i>European Respiratory Journal</i> , 2021, 57, 2002384.	6.7	40
16	Hypertension delays viral clearance and exacerbates airway hyperinflammation in patients with COVID-19. <i>Nature Biotechnology</i> , 2021, 39, 705-716.	17.5	129
17	The impact of the SARS-CoV-2 pandemic on the prevalence of respiratory tract pathogens in patients with community-acquired pneumonia in Germany. <i>Emerging Microbes and Infections</i> , 2021, 10, 1515-1518.	6.5	12
18	KRASG12C/TP53 co-mutations identify long-term responders to first line palliative treatment with pembrolizumab monotherapy in PD-L1 high (≥50%) lung adenocarcinoma. <i>Translational Lung Cancer Research</i> , 2021, 10, 737-752.	2.8	28

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19	Connecting the dots: the role of connexins in the pulmonary vascular response to hypoxia. <i>European Respiratory Journal</i> , 2021, 57, 2004573.	6.7	0
20	Clinical and virological characteristics of hospitalised COVID-19 patients in a German tertiary care centre during the first wave of the SARS-CoV-2 pandemic: a prospective observational study. <i>Infection</i> , 2021, 49, 703-714.	4.7	27
21	CD169/SIGLEC1 is expressed on circulating monocytes in COVID-19 and expression levels are associated with disease severity. <i>Infection</i> , 2021, 49, 757-762.	4.7	47
22	Critical Illness and Systemic Inflammation Are Key Risk Factors of Severe Acute Kidney Injury in Patients With COVID-19. <i>Kidney International Reports</i> , 2021, 6, 905-915.	0.8	22
23	In vitro screening identifies TRPV4 as target for endothelial barrier stabilization in COVID-19. <i>FASEB Journal</i> , 2021, 35, .	0.5	1
24	Pulmonary fibrosis in Fra-2 transgenic mice is associated with decreased numbers of alveolar macrophages and increased susceptibility to pneumococcal pneumonia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 320, L916-L925.	2.9	5
25	Efficacy and safety of intratracheal IFN- β treatment to reverse stroke-induced susceptibility to pulmonary bacterial infections. <i>Journal of Neuroimmunology</i> , 2021, 355, 577568.	2.3	3
26	Impact of dexamethasone on SARS-CoV-2 concentration kinetics and antibody response in hospitalized COVID-19 patients: results from a prospective observational study. <i>Clinical Microbiology and Infection</i> , 2021, 27, 1520.e7-1520.e10.	6.0	13
27	Heart failure with preserved ejection fraction according to the HFA-PEFF score in COVID-19 patients: clinical correlates and echocardiographic findings. <i>European Journal of Heart Failure</i> , 2021, 23, 1891-1902.	7.1	21
28	The CypA-netics of Ventilator-induced Lung Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 385-387.	5.6	0
29	Temporal omics analysis in Syrian hamsters unravel cellular effector responses to moderate COVID-19. <i>Nature Communications</i> , 2021, 12, 4869.	12.8	68
30	A time-resolved proteomic and prognostic map of COVID-19. <i>Cell Systems</i> , 2021, 12, 780-794.e7.	6.2	125
31	Pembrolizumab as First-Line Palliative Therapy in PD-L1 Overexpressing ($\geq 50\%$) NSCLC: Real-world Results with Special Focus on PS ≥ 2 , Brain Metastases, and Steroids. <i>Clinical Lung Cancer</i> , 2021, 22, 411-422.	2.6	11
32	Increased risk of severe clinical course of COVID-19 in carriers of HLA-C*04:01. <i>EClinicalMedicine</i> , 2021, 40, 101099.	7.1	52
33	The Lung-Brain Axis in Ventilator-induced Brain Injury: Enter IL-6. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021, 65, 339-340.	2.9	3
34	Evaluation of a multiplex PCR screening approach to identify community-acquired bacterial co-infections in COVID-19: a multicenter prospective cohort study of the German competence network of community-acquired pneumonia (CAPNETZ). <i>Infection</i> , 2021, 49, 1299-1306.	4.7	8
35	SARS-CoV-2 infection triggers profibrotic macrophage responses and lung fibrosis. <i>Cell</i> , 2021, 184, 6243-6261.e27.	28.9	277
36	Neutrophil-Derived Extracellular Vesicles Activate Platelets after Pneumolysin Exposure. <i>Cells</i> , 2021, 10, 3581.	4.1	12

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37	COVID-19 vs. Classical Myocarditis Associated Myocardial Injury Evaluated by Cardiac Magnetic Resonance and Endomyocardial Biopsy. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 737257.	2.4	33
38	Rate and Predictors of Bacteremia in Afebrile Community-Acquired Pneumonia. <i>Chest</i> , 2020, 157, 529-539.	0.8	20
39	Pneumococcal conjugate serotype distribution and predominating role of serotype 3 in German adults with community-acquired pneumonia. <i>Vaccine</i> , 2020, 38, 1129-1136.	3.8	28
40	Pneumonia in the face of COVID-19. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 319, L863-L866.	2.9	5
41	Anti-C5a antibody IFX-1 (vilobelimab) treatment versus best supportive care for patients with severe COVID-19 (PANAMO): an exploratory, open-label, phase 2 randomised controlled trial. <i>Lancet Rheumatology</i> , The, 2020, 2, e764-e773.	3.9	148
42	A Therapeutic Non-self-reactive SARS-CoV-2 Antibody Protects from Lung Pathology in a COVID-19 Hamster Model. <i>Cell</i> , 2020, 183, 1058-1069.e19.	28.9	305
43	Severe COVID-19 Is Marked by a Dysregulated Myeloid Cell Compartment. <i>Cell</i> , 2020, 182, 1419-1440.e23.	28.9	1,162
44	Pneumolysin induces platelet destruction, not platelet activation, which can be prevented by immunoglobulin preparations in vitro. <i>Blood Advances</i> , 2020, 4, 6315-6326.	5.2	22
45	Dynamics of cytokines, immune cell counts and disease severity in patients with community-acquired pneumonia – Unravelling potential causal relationships. <i>Cytokine</i> , 2020, 136, 155263.	3.2	6
46	Pemetrexed-Based Chemotherapy Is Inferior to Pemetrexed-Free Regimens in Thyroid Transcription Factor 1 (TTF-1)-Negative, EGFR/ALK-Negative Lung Adenocarcinoma: A Propensity Score Matched Pairs Analysis. <i>Clinical Lung Cancer</i> , 2020, 21, e607-e621.	2.6	32
47	Ultra-High-Throughput Clinical Proteomics Reveals Classifiers of COVID-19 Infection. <i>Cell Systems</i> , 2020, 11, 11-24.e4.	6.2	439
48	Studying the pathophysiology of coronavirus disease 2019: a protocol for the Berlin prospective COVID-19 patient cohort (Pa-COVID-19). <i>Infection</i> , 2020, 48, 619-626.	4.7	79
49	Treatment of Community-Acquired Pneumonia in Immunocompromised Adults. <i>Chest</i> , 2020, 158, 1896-1911.	0.8	105
50	Phage capsid nanoparticles with defined ligand arrangement block influenza virus entry. <i>Nature Nanotechnology</i> , 2020, 15, 373-379.	31.5	96
51	Endoscopic Lung Volume Reduction: Can Endobronchial Valves Be Safely Removed?. <i>Respiration</i> , 2020, 99, 459-460.	2.6	0
52	COVID-19 severity correlates with airway epithelium immune cell interactions identified by single-cell analysis. <i>Nature Biotechnology</i> , 2020, 38, 970-979.	17.5	887
53	No SARS-CoV-2 detection in the German CAPNETZ cohort of community acquired pneumonia before COVID-19 peak in March 2020. <i>Infection</i> , 2020, 48, 971-974.	4.7	6
54	Markov State Modelling of Disease Courses and Mortality Risks of Patients with Community-Acquired Pneumonia. <i>Journal of Clinical Medicine</i> , 2020, 9, 393.	2.4	3

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55	Indwelling pleural catheters for non-malignant pleural effusions: report on a single centre's 10 years of experience. <i>BMJ Open Respiratory Research</i> , 2020, 7, e000501.	3.0	12
56	On Top of the Alveolar Epithelium: Surfactant and the Glycocalyx. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3075.	4.1	32
57	Disease Severity, Fever, Age, and Sex Correlate With SARS-CoV-2 Neutralizing Antibody Responses. <i>Frontiers in Immunology</i> , 2020, 11, 628971.	4.8	51
58	SARS-CoV-2-reactive T cells in healthy donors and patients with COVID-19. <i>Nature</i> , 2020, 587, 270-274.	27.8	1,115
59	Neutralizing Complement C5a Protects Mice with Pneumococcal Pulmonary Sepsis. <i>Anesthesiology</i> , 2020, 132, 795-807.	2.5	17
60	Maternal asthma is associated with persistent changes in allergic offspring antibody glycosylation. <i>Clinical and Experimental Allergy</i> , 2020, 50, 520-531.	2.9	9
61	A biomathematical model of immune response and barrier function in mice with pneumococcal lung infection. <i>PLoS ONE</i> , 2020, 15, e0243147.	2.5	4
62	The Glycemic Gap and 90-Day Mortality in Community-acquired Pneumonia. A Prospective Cohort Study. <i>Annals of the American Thoracic Society</i> , 2019, 16, 1518-1526.	3.2	12
63	Mediastinal emphysema after long-distance flight with ketoacidosis and underlying diabetes mellitus type 1. <i>Respirology Case Reports</i> , 2019, 7, e00423.	0.6	0
64	Role of Ryanodine Type 2 Receptors in Elementary Ca ²⁺ Signaling in Arteries and Vascular Adaptive Responses. <i>Journal of the American Heart Association</i> , 2019, 8, e010090.	3.7	29
65	Towards Inhaled Phage Therapy in Western Europe. <i>Viruses</i> , 2019, 11, 295.	3.3	33
66	Sequential organ failure assessment score is an excellent operationalization of disease severity of adult patients with hospitalized community acquired pneumonia – results from the prospective observational PROGRESS study. <i>Critical Care</i> , 2019, 23, 110.	5.8	43
67	Cardiovascular sequelae of pneumonia. <i>Current Opinion in Pulmonary Medicine</i> , 2019, 25, 257-262.	2.6	23
68	Indwelling pleural catheters for malignancy-associated pleural effusion: report on a single centre's ten years of experience. <i>BMC Pulmonary Medicine</i> , 2019, 19, 232.	2.0	13
69	Vasculotide Reduces Pulmonary Permeability in Streptococcus pneumoniae Infected and Mechanically Ventilated Mice. , 2019, 73, .		0
70	Prognostic and Pathogenic Role of Angiotensin-1 and -2 in Pneumonia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 220-231.	5.6	58
71	Digital Image Analyses on Whole-Lung Slides in Mouse Models of Acute Pneumonia. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 58, 440-448.	2.9	10
72	The cGAS/STING Pathway Detects Streptococcus pneumoniae but Appears Dispensable for Antipneumococcal Defense in Mice and Humans. <i>Infection and Immunity</i> , 2018, 86, .	2.2	18

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73	Pneumolysin induced mitochondrial dysfunction leads to release of mitochondrial DNA. <i>Scientific Reports</i> , 2018, 8, 182.	3.3	40
74	Sphingosine Kinase 1 Regulates Inflammation and Contributes to Acute Lung Injury in Pneumococcal Pneumonia via the Sphingosine-1-Phosphate Receptor 2. <i>Critical Care Medicine</i> , 2018, 46, e258-e267.	0.9	16
75	Cystathionine β -Lyase Produced Hydrogen Sulfide Controls Endothelial NO Bioavailability and Blood Pressure. <i>Hypertension</i> , 2018, 71, 1210-1217.	2.7	58
76	Development of an Efficacious, Semisynthetic Glycoconjugate Vaccine Candidate against <i>Streptococcus pneumoniae</i> Serotype 1. <i>ACS Central Science</i> , 2018, 4, 357-361.	11.3	42
77	Acute <i>Moraxella catarrhalis</i> airway infection of chronically smoke-exposed mice increases mechanisms of emphysema development: A pilot study. <i>European Journal of Microbiology and Immunology</i> , 2018, 8, 128-134.	2.8	2
78	Improving vaccines against <i>Streptococcus pneumoniae</i> using synthetic glycans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 13353-13358.	7.1	53
79	Local ablative treatment for synchronous single organ oligometastatic lung cancer: A propensity score analysis of 180 patients. <i>Lung Cancer</i> , 2018, 125, 164-173.	2.0	27
80	Delay in antibiotic therapy results in fatal disease outcome in murine pneumococcal pneumonia. <i>Critical Care</i> , 2018, 22, 287.	5.8	15
81	Ventilator-induced lung injury is aggravated by antibiotic mediated microbiota depletion in mice. <i>Critical Care</i> , 2018, 22, 282.	5.8	17
82	Optimising experimental research in respiratory diseases: an ERS statement. <i>European Respiratory Journal</i> , 2018, 51, 1702133.	6.7	98
83	Resolvin E1 and its precursor 18R-HEPE restore mitochondrial function in inflammation. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 1016-1028.	2.4	20
84	Antibiotic treatment induced secondary IgA deficiency enhances susceptibility to <i>Pseudomonas aeruginosa</i> pneumonia. <i>Journal of Clinical Investigation</i> , 2018, 128, 3535-3545.	8.2	75
85	The common HAQ STING variant impairs cGAS-dependent antibacterial responses and is associated with susceptibility to Legionnaires' disease in humans. <i>PLoS Pathogens</i> , 2018, 14, e1006829.	4.7	43
86	A semisynthetic <i>Streptococcus pneumoniae</i> serotype 8 glycoconjugate vaccine. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	73
87	Spleen tyrosine kinase inhibition blocks airway constriction and protects from Th2-induced airway inflammation and remodeling. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017, 72, 1061-1072.	5.7	15
88	Severe Pneumococcal Pneumonia Causes Acute Cardiac Toxicity and Subsequent Cardiac Remodeling. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 609-620.	5.6	120
89	Antihistone Properties of C1 Esterase Inhibitor Protect against Lung Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 186-199.	5.6	39
90	Semisynthetic glycoconjugate vaccine candidate against <i>Streptococcus pneumoniae</i> serotype 5. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 11063-11068.	7.1	50

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91	A <i>Streptococcus pneumoniae</i> Type 2 Oligosaccharide Glycoconjugate Elicits Opsonic Antibodies and Is Protective in an Animal Model of Invasive Pneumococcal Disease. <i>Journal of the American Chemical Society</i> , 2017, 139, 14783-14791.	13.7	54
92	Hypoxic vascular response and ventilation/perfusion matching in end-stage COPD may depend on p22phox. <i>European Respiratory Journal</i> , 2017, 50, 1601651.	6.7	19
93	A Semi-synthetic Glycoconjugate Vaccine Candidate for Carbapenem-resistant <i>Klebsiella pneumoniae</i> . <i>Angewandte Chemie</i> , 2017, 129, 14161-14166.	2.0	5
94	A Semi-synthetic Glycoconjugate Vaccine Candidate for Carbapenem-resistant <i>Klebsiella pneumoniae</i> . <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13973-13978.	13.8	68
95	High endocan levels are associated with the need for mechanical ventilation among patients with severe sepsis. <i>European Respiratory Journal</i> , 2017, 50, 1700013.	6.7	9
96	Undiagnosed Diabetes Mellitus in Community-Acquired Pneumonia: A Prospective Cohort Study. <i>Clinical Infectious Diseases</i> , 2017, 65, 2091-2098.	5.8	26
97	Spectrum of pathogen- and model-specific histopathologies in mouse models of acute pneumonia. <i>PLoS ONE</i> , 2017, 12, e0188251.	2.5	64
98	Vasculotide reduces pulmonary hyperpermeability in experimental pneumococcal pneumonia. <i>Critical Care</i> , 2017, 21, 274.	5.8	33
99	Schistosomiasis in European Travelers and Migrants: Analysis of 14 Years TropNet Surveillance Data. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017, 97, 567-574.	1.4	69
100	Proteasome β 5i Subunit Deficiency Affects Opsonin Synthesis and Aggravates Pneumococcal Pneumonia. <i>PLoS ONE</i> , 2016, 11, e0153847.	2.5	7
101	IFNs Modify the Proteome of Legionella-Containing Vacuoles and Restrict Infection Via IRG1-Derived Itaconic Acid. <i>PLoS Pathogens</i> , 2016, 12, e1005408.	4.7	195
102	Endothelial adhesion molecules and multiple organ failure in patients with severe sepsis. <i>Cytokine</i> , 2016, 88, 267-273.	3.2	54
103	N-3 vs. n-6 fatty acids differentially influence calcium signalling and adhesion of inflammatory activated monocytes: impact of lipid rafts. <i>Inflammation Research</i> , 2016, 65, 881-894.	4.0	13
104	NLRP3 protects alveolar barrier integrity by an inflammasome-independent increase of epithelial cell adherence. <i>Scientific Reports</i> , 2016, 6, 30943.	3.3	20
105	A Semi-synthetic Oligosaccharide Conjugate Vaccine Candidate Confers Protection against <i>Streptococcus pneumoniae</i> Serotype 3 Infection. <i>Cell Chemical Biology</i> , 2016, 23, 1407-1416.	5.2	51
106	Role of Transient Receptor Potential Vanilloid 4 in Neutrophil Activation and Acute Lung Injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 54, 370-383.	2.9	95
107	A Biomathematical Model of Pneumococcal Lung Infection and Antibiotic Treatment in Mice. <i>PLoS ONE</i> , 2016, 11, e0156047.	2.5	18
108	Immunomodulation by lipid emulsions in pulmonary inflammation: a randomized controlled trial. <i>Critical Care</i> , 2015, 19, 226.	5.8	35

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109	PKC ζ Deficiency in Mice Is Associated with Pulmonary Vascular Hyperresponsiveness to Thromboxane A2 and Increased Thromboxane Receptor Expression. <i>Journal of Vascular Research</i> , 2015, 52, 279-288.	1.4	3
110	Time for Tailored Antimicrobials. <i>Critical Care Medicine</i> , 2015, 43, 1346-1347.	0.9	4
111	The C-Type Lectin Receptor Mincle Binds to <i>Streptococcus pneumoniae</i> but Plays a Limited Role in the Anti-Pneumococcal Innate Immune Response. <i>PLoS ONE</i> , 2015, 10, e0117022.	2.5	44
112	Moxifloxacin is not anti-inflammatory in experimental pneumococcal pneumonia. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 830-840.	3.0	15
113	Increasing the inspiratory time and I:E ratio during mechanical ventilation aggravates ventilator-induced lung injury in mice. <i>Critical Care</i> , 2015, 19, 23.	5.8	36
114	Murine CLCA5 is uniquely expressed in distinct niches of airway epithelial cells. <i>Histochemistry and Cell Biology</i> , 2015, 143, 277-287.	1.7	13
115	CFTR and sphingolipids mediate hypoxic pulmonary vasoconstriction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E1614-23.	7.1	80
116	Pulmonary Immunostimulation with MALP-2 in Influenza Virus-Infected Mice Increases Survival after Pneumococcal Superinfection. <i>Infection and Immunity</i> , 2015, 83, 4617-4629.	2.2	27
117	<i>Moraxella catarrhalis</i> induces an immune response in the murine lung that is independent of human CEACAM5 expression and long-term smoke exposure. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 309, L250-L261.	2.9	12
118	Therapeutic strategies in pneumonia: going beyond antibiotics. <i>European Respiratory Review</i> , 2015, 24, 516-524.	7.1	19
119	The Lung Endothelial Barrier in Acute Inflammation. , 2015, , 159-187.		1
120	Miniaturized Bronchoscopy Enables Unilateral Investigation, Application, and Sampling in Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 51, 730-737.	2.9	23
121	NF κ B/p100 deficiency impairs immune responses to T α cell-independent type 2 antigens. <i>European Journal of Immunology</i> , 2014, 44, 662-672.	2.9	11
122	25-Hydroxvitamin D3 Promotes the Long-Term Effect of Specific Immunotherapy in a Murine Allergy Model. <i>Journal of Immunology</i> , 2014, 193, 1017-1023.	0.8	44
123	Nucleotide Oligomerization Domain 1 Ligation Suppressed Murine Allergen-Specific T-Cell Proliferation and Airway Hyperresponsiveness. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 50, 903-911.	2.9	12
124	Vascular Receptor Autoantibodies in Pulmonary Arterial Hypertension Associated with Systemic Sclerosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 190, 808-817.	5.6	170
125	Dynamics of pulmonary endothelial barrier function in acute inflammation: mechanisms and therapeutic perspectives. <i>Cell and Tissue Research</i> , 2014, 355, 657-673.	2.9	68
126	Endothelial Progenitor Cells for Acute Respiratory Distress Syndrome Treatment: Support Your Local Sheriff!. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 189, 1452-1455.	5.6	3

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127	Juvenile megaesophagus in PKC δ -deficient mice is associated with an increase in the segment of the distal esophagus lined by smooth muscle cells. <i>Annals of Anatomy</i> , 2014, 196, 365-371.	1.9	1
128	Mechanical ventilation drives pneumococcal pneumonia into lung injury and sepsis in mice: protection by adrenomedullin. <i>Critical Care</i> , 2014, 18, R73.	5.8	62
129	Immunomodulation by fish-oil containing lipid emulsions in murine acute respiratory distress syndrome. <i>Critical Care</i> , 2014, 18, R85.	5.8	26
130	mCLCA3 Modulates IL-17 and CXCL-1 Induction and Leukocyte Recruitment in Murine <i>Staphylococcus aureus</i> Pneumonia. <i>PLoS ONE</i> , 2014, 9, e102606.	2.5	27
131	TLR9- and Src-dependent expression of Krueppel-like factor 4 controls interleukin-10 expression in pneumonia. <i>European Respiratory Journal</i> , 2013, 41, 384-391.	6.7	35
132	Effects of Dimethylarginine Dimethylaminohydrolase ¹ Overexpression on the Response of the Pulmonary Vasculature to Hypoxia. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 49, 491-500.	2.9	17
133	Classical Transient Receptor Potential Channel 1 in Hypoxia-induced Pulmonary Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 1451-1459.	5.6	77
134	Delivery of the endolysin Cpl-1 by inhalation rescues mice with fatal pneumococcal pneumonia. <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 2111-2117.	3.0	56
135	<i>Streptococcus pneumoniae</i> Stimulates a STING- and IFN Regulatory Factor 3-Dependent Type I IFN Production in Macrophages, which Regulates RANTES Production in Macrophages, Cocultured Alveolar Epithelial Cells, and Mouse Lungs. <i>Journal of Immunology</i> , 2012, 188, 811-817.	0.8	106
136	Experimental models of pneumonia-induced sepsis. <i>Drug Discovery Today: Disease Models</i> , 2012, 9, e23-e32.	1.2	6
137	Intermedin Stabilized Endothelial Barrier Function and Attenuated Ventilator-induced Lung Injury in Mice. <i>PLoS ONE</i> , 2012, 7, e35832.	2.5	24
138	Hypoxic pulmonary vasoconstriction requires connexin 40-mediated endothelial signal conduction. <i>Journal of Clinical Investigation</i> , 2012, 122, 4218-4230.	8.2	134
139	The Sphingosine-1 Phosphate receptor agonist FTY720 dose dependently affected endothelial integrity in vitro and aggravated ventilator-induced lung injury in mice. <i>Pulmonary Pharmacology and Therapeutics</i> , 2011, 24, 377-385.	2.6	43
140	Dissection of a type I interferon pathway in controlling bacterial intracellular infection in mice. <i>Cellular Microbiology</i> , 2011, 13, 1668-1682.	2.1	75
141	Sphingosine-1-phosphate receptor 4 (S1P ₄) deficiency profoundly affects dendritic cell function and T _H 17 cell differentiation in a murine model. <i>FASEB Journal</i> , 2011, 25, 4024-4036.	0.5	104
142	The NLRP3 Inflammasome Is Differentially Activated by Pneumolysin Variants and Contributes to Host Defense in Pneumococcal Pneumonia. <i>Journal of Immunology</i> , 2011, 187, 434-440.	0.8	222
143	<i>Listeria monocytogenes</i> -Infected Human Peripheral Blood Mononuclear Cells Produce IL-1 β , Depending on Listeriolysin O and NLRP3. <i>Journal of Immunology</i> , 2010, 184, 922-930.	0.8	177
144	TLR2- and Nucleotide-Binding Oligomerization Domain 2-Dependent Krueppel-Like Factor 2 Expression Downregulates NF- κ B-Related Gene Expression. <i>Journal of Immunology</i> , 2010, 185, 597-604.	0.8	24

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145	Adrenomedullin attenuates ventilator-induced lung injury in mice. <i>Thorax</i> , 2010, 65, 1077-1084.	5.6	48
146	Simvastatin attenuates ventilator-induced lung injury in mice. <i>Critical Care</i> , 2010, 14, R143.	5.8	63
147	RNAi-mediated suppression of constitutive pulmonary gene expression by small interfering RNA in mice. <i>Pulmonary Pharmacology and Therapeutics</i> , 2010, 23, 334-344.	2.6	48
148	clAP-1 Controls Innate Immunity to <i>C. pneumoniae</i> Pulmonary Infection. <i>PLoS ONE</i> , 2009, 4, e6519.	2.5	20
149	Small Interfering RNA against Transcription Factor STAT6 Inhibits Allergic Airway Inflammation and Hyperreactivity in Mice. <i>Journal of Immunology</i> , 2009, 182, 7501-7508.	0.8	72
150	Immunostimulation with Macrophage-Activating Lipopeptide-2 Increased Survival in Murine Pneumonia. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2009, 40, 474-481.	2.9	54
151	Systemic use of the endolysin Cpl-1 rescues mice with fatal pneumococcal pneumonia*. <i>Critical Care Medicine</i> , 2009, 37, 642-649.	0.9	136
152	Phosphodiesterase 2 inhibition diminished acute lung injury in murine pneumococcal pneumonia*. <i>Critical Care Medicine</i> , 2009, 37, 584-590.	0.9	67
153	Rho-kinase and contractile apparatus proteins in murine airway hyperresponsiveness. <i>Experimental and Toxicologic Pathology</i> , 2008, 60, 9-15.	2.1	14
154	Histone Acetylation and Flagellin Are Essential for <i>Legionella pneumophila</i> -Induced Cytokine Expression. <i>Journal of Immunology</i> , 2008, 181, 940-947.	0.8	84
155	Simvastatin Reduces <i>Chlamydomydia pneumoniae</i> -Mediated Histone Modifications and Gene Expression in Cultured Human Endothelial Cells. <i>Circulation Research</i> , 2008, 102, 888-895.	4.5	41
156	Role of platelet-activating factor in pneumolysin-induced acute lung injury. <i>Critical Care Medicine</i> , 2007, 35, 1756-1762.	0.9	32
157	Cell-specific Interleukin-15 and Interleukin-15 receptor subunit expression and regulation in pneumococcal pneumonia—Comparison to chlamydial lung infection. <i>Cytokine</i> , 2007, 38, 61-73.	3.2	15
158	Role of pneumolysin for the development of acute lung injury in pneumococcal pneumonia. <i>Critical Care Medicine</i> , 2006, 34, 1947-1954.	0.9	133
159	Angiotensin-2 sensitizes endothelial cells to TNF- α and has a crucial role in the induction of inflammation. <i>Nature Medicine</i> , 2006, 12, 235-239.	30.7	819
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161	Role of Local Pulmonary IFN- γ Expression in Murine Allergic Airway Inflammation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2006, 35, 211-219.	2.9	39
162	Allergic lung inflammation induces pulmonary vascular hyperresponsiveness. <i>European Respiratory Journal</i> , 2006, 28, 370-377.	6.7	40

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166	Adrenomedullin Reduces Endothelial Hyperpermeability. Circulation Research, 2002, 91, 618-625.	4.5	167
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