

Jens Hohlfeld

List of Publications by Year in descending order

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Version: 2024-02-01

168
papers

7,440
citations

44042

48
h-index

66879

78
g-index

172
all docs

172
docs citations

172
times ranked

9240
citing authors

#	ARTICLE	IF	CITATIONS
1	A European Respiratory Society technical standard: exhaled biomarkers in lung disease. <i>European Respiratory Journal</i> , 2017, 49, 1600965.	3.1	432
2	The IL-6R $\hat{\pm}$ chain controls lung CD4+CD25+ Treg development and function during allergic airway inflammation in vivo. <i>Journal of Clinical Investigation</i> , 2005, 115, 313-325.	3.9	292
3	Allergen-Induced Asthmatic Responses Modified by a GATA3-Specific DNzyme. <i>New England Journal of Medicine</i> , 2015, 372, 1987-1995.	13.9	274
4	International Consensus Statement on Allergy and Rhinology: Allergic Rhinitis. <i>International Forum of Allergy and Rhinology</i> , 2018, 8, 108-352.	1.5	273
5	Metal-rich Ambient Particles (Particulate Matter _{2.5}) Cause Airway Inflammation in Healthy Subjects. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004, 170, 898-903.	2.5	240
6	Complement Factors C3a and C5a Are Increased in Bronchoalveolar Lavage Fluid after Segmental Allergen Provocation in Subjects with Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2001, 164, 1841-1843.	2.5	170
7	The IL-6R $\hat{\pm}$ chain controls lung CD4+CD25+ Treg development and function during allergic airway inflammation in vivo. <i>Journal of Clinical Investigation</i> , 2005, 115, 313-325.	3.9	170
8	Lung fibroblasts from patients with emphysema show markers of senescence in vitro. <i>Respiratory Research</i> , 2006, 7, 32.	1.4	144
9	Epithelial IL-6 trans-signaling defines a new asthma phenotype with increased airway inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 577-590.	1.5	140
10	Exacerbation of atopic dermatitis on grass pollen exposure in an environmental challenge chamber. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 96-103.e9.	1.5	137
11	Effect of lung deflation with indacaterol plus glycopyrronium on ventricular filling in patients with hyperinflation and COPD (CLAIM): a double-blind, randomised, crossover, placebo-controlled, single-centre trial. <i>Lancet Respiratory Medicine</i> , 2018, 6, 368-378.	5.2	137
12	Segmental allergen challenge in patients with atopic asthma leads to increased IL-9 expression in bronchoalveolar lavage fluid lymphocytes. <i>Journal of Allergy and Clinical Immunology</i> , 2003, 111, 1319-1327.	1.5	131
13	â/2 TM ...è;†æ•âé¼»çš‘â-â...±è-†â°æ~Ž : ââ”æ€šé¼»ç,Ž. <i>International Forum of Allergy and Rhinology</i> , 2018, 8, 108-352.		124
14	Comprehensive characterisation of pulmonary and serum surfactant protein D in COPD. <i>Respiratory Research</i> , 2011, 12, 29.	1.4	112
15	Dysfunction of Pulmonary Surfactant in Asthmatics after Segmental Allergen Challenge. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1999, 159, 1803-1809.	2.5	110
16	Expression of Xenobiotic Metabolizing Enzymes in Different Lung Compartments of Smokers and Nonsmokers. <i>Environmental Health Perspectives</i> , 2006, 114, 1655-1661.	2.8	107
17	Characterization of Exhaled Particles from the Healthy Human Lungâ€”A Systematic Analysis in Relation to Pulmonary Function Variables. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2010, 23, 371-379.	0.7	100
18	Divergence in urinary 8-iso-PGF ₂ $\hat{\pm}$ (iPF ₂ $\hat{\pm}$ -III, 15-F ₂ t-IsoP) levels from gas chromatographyâ€”tandem mass spectrometry quantification after thin-layer chromatography and immunoaffinity column chromatography reveals heterogeneity of 8-iso-PGF ₂ $\hat{\pm}$. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 794, 237-255.	1.2	90

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19	The role of surfactant in asthma. <i>Respiratory Research</i> , 2002, 3, 4.	1.4	86
20	Allergen exposure chambers: harmonizing current concepts and projecting the needs for the future – an EAACI Position Paper. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017, 72, 1035-1042.	2.7	85
21	Cytokine Profile of Bronchoalveolar Lavage – Derived CD4 ⁺ , CD8 ⁺ , and $\gamma\delta$ T Cells in People with Asthma after Segmental Allergen Challenge. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2001, 25, 125-131.	1.4	84
22	The effect of titanium dioxide nanoparticles on pulmonary surfactant function and ultrastructure. <i>Respiratory Research</i> , 2009, 10, 90.	1.4	82
23	Safety and Efficacy of an Inhaled Epidermal Growth Factor Receptor Inhibitor (BIBW 2948 BS) in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 181, 438-445.	2.5	82
24	Submicron droplet formation in the human lung. <i>Journal of Aerosol Science</i> , 2010, 41, 429-438.	1.8	82
25	Interaction of nanoparticles with the pulmonary surfactant system. <i>Inhalation Toxicology</i> , 2009, 21, 97-103.	0.8	74
26	Pulmonary surfactant in birds: coping with surface tension in a tubular lung. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2001, 281, R327-R337.	0.9	71
27	A dual center study to compare breath volatile organic compounds from smokers and non-smokers with and without COPD. <i>Journal of Breath Research</i> , 2016, 10, 026006.	1.5	70
28	Development and validation of a cough and sputum assessment questionnaire. <i>Respiratory Medicine</i> , 2008, 102, 1545-1555.	1.3	67
29	Surfactant protein D increases phagocytosis and aggregation of pollen-allergen starch granules. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2005, 288, L692-L698.	1.3	65
30	Repetitive measurements of pulmonary mechanics to inhaled cholinergic challenge in spontaneously breathing mice. <i>Journal of Applied Physiology</i> , 2004, 97, 1104-1111.	1.2	63
31	Activation of group 2 innate lymphoid cells after allergen challenge in asthmatic patients. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 61-69.e7.	1.5	62
32	Pulmonary Surfactant Activity Is Impaired in Lung Transplant Recipients. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1998, 158, 706-712.	2.5	61
33	Phospholipid molecular species of bronchoalveolar lavage fluid after local allergen challenge in asthma. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2000, 278, L305-L311.	1.3	61
34	Validation of an environmental exposure unit for controlled human inhalation studies with grass pollen in patients with seasonal allergic rhinitis. <i>Clinical and Experimental Allergy</i> , 2003, 33, 1667-1674.	1.4	61
35	Roflumilast attenuates pulmonary inflammation upon segmental endotoxin challenge in healthy subjects: A randomized placebo-controlled trial. <i>Pulmonary Pharmacology and Therapeutics</i> , 2008, 21, 616-623.	1.1	61
36	Lung microbiome composition and bronchial epithelial gene expression in patients with COPD versus healthy individuals: a bacterial 16S rRNA gene sequencing and host transcriptomic analysis. <i>Lancet Microbe</i> , The, 2021, 2, e300-e310.	3.4	60

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37	The effects of an anti-IL-13 mAb on cytokine levels and nasal symptoms following nasal allergen challenge. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 128, 800-807.e9.	1.5	59
38	Diagnostic value of outcome measures following allergen exposure in an environmental challenge chamber compared with natural conditions. <i>Clinical and Experimental Allergy</i> , 2010, 40, 998-1006.	1.4	58
39	Surfactant function in lung transplantation after 24 hours of ischemia: Advantage of retrograde flush perfusion for preservation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2002, 123, 98-103.	0.4	57
40	Natural innate cytokine response to immunomodulators and adjuvants in human precision-cut lung slices. <i>Toxicology and Applied Pharmacology</i> , 2010, 246, 107-115.	1.3	56
41	Surfactant protein levels in bronchoalveolar lavage after segmental allergen challenge in patients with asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2006, 61, 598-604.	2.7	55
42	Effects of exogenous surfactant instillation in clinical lung transplantation: A prospective, randomized trial. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007, 133, 1620-1625.	0.4	55
43	Repeatability of and Relationship between Potential COPD Biomarkers in Bronchoalveolar Lavage, Bronchial Biopsies, Serum, and Induced Sputum. <i>PLoS ONE</i> , 2012, 7, e46207.	1.1	55
44	Effect of Indacaterol/Glycopyrronium on Pulmonary Perfusion and Ventilation in Hyperinflated Patients with Chronic Obstructive Pulmonary Disease (CLAIM). A Double-Blind, Randomized, Crossover Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 1086-1096.	2.5	55
45	Pharmacokinetics and pharmacodynamics of tiotropium solution and tiotropium powder in chronic obstructive pulmonary disease. <i>Journal of Clinical Pharmacology</i> , 2014, 54, 405-414.	1.0	54
46	Free-breathing Dynamic 19F Gas MR Imaging for Mapping of Regional Lung Ventilation in Patients with COPD. <i>Radiology</i> , 2018, 286, 1040-1051.	3.6	54
47	Low-potassium dextran solution ameliorates reperfusion injury of the lung and protects surfactant function. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2000, 120, 566-572.	0.4	52
48	Efficacy of the oral chemoattractant receptor homologous molecule on TH2 cells antagonist BI 671800 in patients with seasonal allergic rhinitis. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 414-419.e8.	1.5	52
49	Measurement of exhaled volatile organic compounds from patients with chronic obstructive pulmonary disease (COPD) using closed gas loop GC-IMS and GC-APCI-MS. <i>Journal of Breath Research</i> , 2016, 10, 026004.	1.5	50
50	Noninvasive measurement of midexpiratory flow indicates bronchoconstriction in allergic rats. <i>Journal of Applied Physiology</i> , 2002, 93, 1208-1214.	1.2	49
51	Eosinophil cationic protein alters pulmonary surfactant structure and function in asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2004, 113, 496-502.	1.5	48
52	Endotoxin Augments Myeloid Dendritic Cell Influx into the Airways in Patients with Allergic Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008, 177, 1307-1313.	2.5	48
53	Surfactant Proteins SP-A and SP-D as Modulators of the Allergic Inflammation in Asthma. <i>Pathobiology</i> , 2002, 70, 287-292.	1.9	47
54	Natural Porcine Surfactant Augments Airway Inflammation after Allergen Challenge in Patients with Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004, 169, 578-586.	2.5	47

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55	Safety and tolerability of a novel inhaled GATA3 mRNA targeting DNzyme in patients with TH2-driven asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 797-800.	1.5	47
56	Characterization of Exhaled Particles from the Human Lungs in Airway Obstruction. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2015, 28, 52-58.	0.7	47
57	Emphysema- and airway-dominant COPD phenotypes defined by standardised quantitative computed tomography. <i>European Respiratory Journal</i> , 2016, 48, 92-103.	3.1	46
58	Invasive versus noninvasive measurement of allergic and cholinergic airway responsiveness in mice. <i>Respiratory Research</i> , 2005, 6, 139.	1.4	43
59	Gene Targeting of the Cysteine Peptidase Cathepsin H Impairs Lung Surfactant in Mice. <i>PLoS ONE</i> , 2011, 6, e26247.	1.1	41
60	LPS-Induced Lung Inflammation in Marmoset Monkeys – An Acute Model for Anti-Inflammatory Drug Testing. <i>PLoS ONE</i> , 2012, 7, e43709.	1.1	41
61	Interleukin 16 and T-cell Chemoattractant Activity in Bronchoalveolar Lavage 24 Hours after Allergen Challenge in Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2000, 162, 105-111.	2.5	39
62	Blood eosinophil count and airway epithelial transcriptome relationships in COPD versus asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 370-380.	2.7	37
63	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
64	Effect of anti-nerve growth factor on early and late airway responses in allergic rats. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2003, 58, 900-904.	2.7	35
65	Segmental Allergen Challenge Alters Multimeric Structure and Function of Surfactant Protein D in Humans. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 183, 856-864.	2.5	35
66	Childhood asthma is associated with mutations and gene expression differences of <i>ORMDL</i> genes that can interact. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2015, 70, 1288-1299.	2.7	35
67	Comparison of quantitative regional ventilation-weighted fourier decomposition MRI with dynamic fluorinated gas washout MRI and lung function testing in COPD patients. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 1534-1541.	1.9	35
68	Specificity and reproducibility of nasal biomarkers in patients with allergic rhinitis after allergen challenge chamber exposure. <i>Annals of Allergy, Asthma and Immunology</i> , 2017, 118, 290-297.	0.5	34
69	Exogenous surfactant improves survival and surfactant function in ischaemia-reperfusion injury in minipigs. <i>European Respiratory Journal</i> , 1999, 13, 1037.	3.1	33
70	Surfactant protein D decreases pollen-induced IgE-dependent mast cell degranulation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2005, 289, L856-L866.	1.3	33
71	Influence of lung CT changes in chronic obstructive pulmonary disease (COPD) on the human lung microbiome. <i>PLoS ONE</i> , 2017, 12, e0180859.	1.1	33
72	Quantification of Pulmonary Inflammation after Segmental Allergen Challenge Using Turbo-Inversion Recovery-Magnitude Magnetic Resonance Imaging. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 189, 650-657.	2.5	32

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73	Low-dose endotoxin inhalation in healthy volunteers - a challenge model for early clinical drug development. <i>BMC Pulmonary Medicine</i> , 2013, 13, 19.	0.8	31
74	The EvA study: aims and strategy. <i>European Respiratory Journal</i> , 2012, 40, 823-829.	3.1	29
75	Identification and quantification of basophils in the airways of asthmatics following segmental allergen challenge. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2014, 85, 580-587.	1.1	29
76	A GATA3-specific DNzyme attenuates sputum eosinophilia in eosinophilic COPD patients: a feasibility randomized clinical trial. <i>Respiratory Research</i> , 2018, 19, 55.	1.4	29
77	Regulation of GATA-3, c-maf and T-bet mRNA Expression in Bronchoalveolar Lavage Cells and Bronchial Biopsies after Segmental Allergen Challenge. <i>International Archives of Allergy and Immunology</i> , 2006, 139, 306-316.	0.9	28
78	Repeatability of Phase-Resolved Functional Lung (<sc>PREFUL</sc>)â€<sc>MRI</sc> Ventilation and Perfusion Parameters in Healthy Subjects and <sc>COPD</sc> Patients. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 53, 915-927.	1.9	28
79	Effect of loteprednol etabonate nasal spray suspension on seasonal allergic rhinitis assessed by allergen challenge in an environmental exposure unit. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2005, 60, 354-359.	2.7	27
80	Anti-allergic drug testing in an environmental challenge chamber is suitable both in and out of the relevant pollen season. <i>Annals of Allergy, Asthma and Immunology</i> , 2011, 106, 336-341.	0.5	27
81	Allergen Challenge Increases Anandamide in Bronchoalveolar Fluid of Patients With Allergic Asthma. <i>Clinical Pharmacology and Therapeutics</i> , 2011, 90, 388-391.	2.3	27
82	Effects of ultrafine particles on the allergic inflammation in the lung of asthmatics: results of a double-blinded randomized cross-over clinical pilot study. <i>Particle and Fibre Toxicology</i> , 2014, 11, 39.	2.8	26
83	Warm or Cold Ischemia in Animal Models of Lung Ischemia-Reperfusion Injury: Is There a Difference?. <i>Thoracic and Cardiovascular Surgeon</i> , 2004, 52, 174-179.	0.4	25
84	Iloprost to improve surfactant function in porcine pulmonary grafts stored for twenty-four hours in low-potassium dextran solution. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2005, 129, 80-86.	0.4	25
85	Noninvasive Quantification of Airway Inflammation Following Segmental Allergen Challenge with Functional MR Imaging: A Proof of Concept Study. <i>Radiology</i> , 2015, 274, 267-275.	3.6	23
86	Technical standards in allergen exposure chambers worldwide â€“ an EAACI Task Force Report. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 3589-3612.	2.7	23
87	Increase of inactive intra-alveolar surfactant subtypes in lungs of asthmatic Brown Norway rats. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2003, 442, 56-65.	1.4	22
88	A combination of cetirizine and pseudoephedrine has therapeutic benefits when compared to single drug treatment in allergic rhinitis. <i>International Journal of Clinical Pharmacology and Therapeutics</i> , 2009, 47, 71-77.	0.3	22
89	Enhanced expression of Fas ligand (CD95L) on T cells after segmental allergen provocation in asthma. <i>Journal of Allergy and Clinical Immunology</i> , 1999, 103, 649-655.	1.5	21
90	Surfactant Homeostasis Is Maintained In Vivo during Keratinocyte Growth Factorâ€“induced Rat Lung Type II Cell Hyperplasia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003, 167, 1264-1270.	2.5	21

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91	Surfactant Protein D modulates allergen particle uptake and inflammatory response in a human epithelial airway model. <i>Respiratory Research</i> , 2012, 13, 8.	1.4	21
92	The inhibition of β_1 -adrenoceptor-mediated contractions of rabbit pulmonary artery by Ca^{2+} -withdrawal, pertussis toxin and N-ethylmaleimide is dependent on agonist intrinsic efficacy. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1989, 339, 496-502.	1.4	20
93	COMBINED EXOGENOUS SURFACTANT AND INHALED NITRIC OXIDE THERAPY FOR LUNG ISCHEMIA-REPERFUSION INJURY IN MINIPIGS ¹ . <i>Transplantation</i> , 2001, 71, 1238-1244.	0.5	20
94	Independent Information of Nonspecific Biomarkers in Exhaled Breath Condensate. <i>Respiration</i> , 2010, 80, 401-409.	1.2	20
95	Glutathione improves the function of porcine pulmonary grafts stored for twenty-four hours in low-potassium dextran solution. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2005, 130, 864-869.	0.4	19
96	Preoperative Low-Dose Irradiation Promotes Long-Term Allograft Acceptance and Induces Regulatory T Cells in a Porcine Model of Pulmonary Transplantation. <i>Transplantation</i> , 2006, 82, 93-101.	0.5	19
97	Facial thermography is a sensitive tool to determine antihistaminic activity: comparison of levocetirizine and fexofenadine. <i>British Journal of Clinical Pharmacology</i> , 2006, 62, 158-164.	1.1	19
98	Efficacy and safety of a novel nasal steroid, S0597, in patients with seasonal allergic rhinitis. <i>Annals of Allergy, Asthma and Immunology</i> , 2015, 115, 325-329.e1.	0.5	19
99	Keratinocyte growth factor transiently alters pulmonary function in rats. <i>Journal of Applied Physiology</i> , 2004, 96, 704-710.	1.2	18
100	Cardiac safety of tiotropium in patients with COPD: a combined analysis of Holter-ECG data from four randomised clinical trials. <i>International Journal of Clinical Practice</i> , 2015, 69, 72-80.	0.8	18
101	Safety, efficacy and repeatability of a novel house dust mite allergen challenge technique in the Fraunhofer allergen challenge chamber. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2016, 71, 1693-1700.	2.7	18
102	Local release of eosinophil peroxidase following segmental allergen provocation in asthma. <i>Clinical and Experimental Allergy</i> , 2003, 33, 331-336.	1.4	17
103	Impact of endobronchial allergen provocation on macrophage phenotype in asthmatics. <i>BMC Immunology</i> , 2014, 15, 12.	0.9	17
104	Airway and systemic inflammatory responses to ultrafine carbon black particles and ozone in older healthy subjects. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2018, 81, 576-588.	1.1	17
105	Breath profiles by electronic nose correlate with systemic markers but not ozone response. <i>Respiratory Medicine</i> , 2011, 105, 1352-1363.	1.3	16
106	Dose-response relationship of a new Timothy grass pollen allergoid in comparison with a grass pollen allergoid. <i>Clinical and Experimental Allergy</i> , 2017, 47, 1445-1455.	1.4	16
107	Effect of Acute Ozone Induced Airway Inflammation on Human Sympathetic Nerve Traffic: A Randomized, Placebo Controlled, Crossover Study. <i>PLoS ONE</i> , 2011, 6, e18737.	1.1	16
108	Pulmonary preservation with LPD and celsior solution in porcine lung transplantation after 24 h of cold ischemia. <i>European Journal of Cardio-thoracic Surgery</i> , 2004, 26, 151-157.	0.6	15

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109	Pollen starch granules in bronchial inflammation. <i>Annals of Allergy, Asthma and Immunology</i> , 2012, 109, 208-214.e6.	0.5	15
110	Blood eosinophils predict therapeutic effects of a GATA3-specific DNAzyme in asthma patients. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 625-628.e5.	1.5	15
111	Ultrafine particles and ozone perturb norepinephrine clearance rather than centrally generated sympathetic activity in humans. <i>Scientific Reports</i> , 2019, 9, 3641.	1.6	15
112	Repeatability of Regional Lung Ventilation Quantification Using Fluorinated (¹⁹ F) Gas Magnetic Resonance Imaging. <i>Academic Radiology</i> , 2019, 26, 395-403.	1.3	15
113	Influence of plasma and inflammatory proteins on the ultrastructure of exogenous surfactant. <i>Journal of Electron Microscopy</i> , 2004, 53, 407-416.	0.9	14
114	Lung pharmacokinetics of inhaled and systemic drugs: A clinical evaluation. <i>British Journal of Pharmacology</i> , 2021, 178, 4440-4451.	2.7	14
115	Type A natriuretic peptides exhibit different bronchoprotective effects in rats. <i>European Journal of Pharmacology</i> , 1994, 271, 395-402.	1.7	13
116	Pulmonary preservation with Bretscheider's HTK and Celsior solution in minipigs. <i>European Journal of Cardio-thoracic Surgery</i> , 2002, 21, 1073-1079.	0.6	13
117	Local nitric oxide levels reflect the degree of allergic airway inflammation after segmental allergen challenge in asthmatics. <i>Nitric Oxide - Biology and Chemistry</i> , 2005, 13, 125-133.	1.2	13
118	Human eosinophil granulocytes do not express the enzyme arginase. <i>Journal of Leukocyte Biology</i> , 2010, 87, 1125-1132.	1.5	13
119	Airway hyper-responsiveness in lipopolysaccharide-challenged common marmosets (<i>Callithrix</i>) Tj ETQq1 1 0.784314 ggBT /Overlock 10 T	1.8	13
120	Inter- and intrasubject variability of the inflammatory response to segmental endotoxin challenge in healthy volunteers. <i>Pulmonary Pharmacology and Therapeutics</i> , 2015, 35, 50-59.	1.1	13
121	In-situ topical cooling of lung grafts: early graft function and surfactant analysis in a porcine single lung transplant model. <i>European Journal of Cardio-thoracic Surgery</i> , 2003, 24, 411-419.	0.6	12
122	Noninvasive Monitoring of the Response of Human Lungs to Low-dose Lipopolysaccharide Inhalation Challenge Using MRI: A Feasibility Study. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 1669-1676.	1.9	12
123	Allergen particle binding by human primary bronchial epithelial cells is modulated by surfactant protein D. <i>Respiratory Research</i> , 2010, 11, 83.	1.4	11
124	Surfactant protein D modulates pulmonary clearance of pollen starch granules. <i>Experimental Lung Research</i> , 2010, 36, 522-530.	0.5	11
125	Breath volatile organic compounds of lung transplant recipients with and without chronic lung allograft dysfunction. <i>Journal of Breath Research</i> , 2018, 12, 036023.	1.5	11
126	PREFUL MRI Depicts Dual Bronchodilator Changes in COPD: A Retrospective Analysis of a Randomized Controlled Trial. <i>Radiology: Cardiothoracic Imaging</i> , 2022, 4, e210147.	0.9	11

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127	Elastase-induced lung emphysema in rats is not reduced by hematopoietic growth factors when applied preventively. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2008, 452, 675-688.	1.4	10
128	Keratinocyte growth factor prevents intra-alveolar oedema in experimental lung isografts. <i>European Respiratory Journal</i> , 2008, 31, 21-28.	3.1	10
129	Therapeutic use of surfactant components in allergic asthma. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2009, 379, 217-224.	1.4	10
130	Impact of a Met(11)Thr single nucleotide polymorphism of surfactant protein D on allergic airway inflammation in a murine asthma model. <i>Experimental Lung Research</i> , 2014, 40, 154-163.	0.5	10
131	Randomized immunotherapy trial in dual allergic patients using active allergen placebo as control. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 1480-1489.	2.7	10
132	Investigating the effect of TRPV4 inhibition on pulmonary-vascular barrier permeability following segmental endotoxin challenge. <i>Pulmonary Pharmacology and Therapeutics</i> , 2020, 64, 101977.	1.1	10
133	Detection of air trapping in chronic obstructive pulmonary disease by low frequency ultrasound. <i>BMC Pulmonary Medicine</i> , 2012, 12, 8.	0.8	9
134	Correlation of Donor Leukocyte Chimerism With Pulmonary Allograft Survival After Immunosuppressive Drug Withdrawal in a Porcine Model. <i>Transplantation</i> , 2009, 87, 1468-1477.	0.5	8
135	Constant-load exercise decreases the serum concentration of myeloperoxidase in healthy smokers and smokers with COPD. <i>International Journal of COPD</i> , 2015, 10, 1393.	0.9	8
136	Isolated aggregates of lymphoid cells in the inner bronchial wall in asthma patients. <i>Cell and Tissue Research</i> , 2018, 374, 423-425.	1.5	8
137	Breath volatile organic compounds and inflammatory markers in adult asthma patients: negative results from the ALLIANCE cohort. <i>European Respiratory Journal</i> , 2021, 57, 2002127.	3.1	8
138	Gender specific airway gene expression in COPD sub-phenotypes supports a role of mitochondria and of different types of leukocytes. <i>Scientific Reports</i> , 2021, 11, 12848.	1.6	8
139	Changes of breath volatile organic compounds in healthy volunteers following segmental and inhalation endotoxin challenge. <i>Journal of Breath Research</i> , 2022, 16, 037102.	1.5	8
140	Therapeutic Surfactants Modulate the Viability of Eosinophils and Induce Inflammatory Mediator Release. <i>International Archives of Allergy and Immunology</i> , 2009, 149, 333-342.	0.9	7
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