

Horst Olschewski

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

264 papers	21,432 citations	67 h-index	143 g-index
346 ext. papers	25,357 ext. citations	6.8 avg, IF	6.36 L-index

#	Paper	IF	Citations
264	Pulmonale Hypertonie 2022 , 419-438		
263	Severe pulmonary hypertension in COPD - impact on survival and diagnostic approach.. <i>Chest</i> , 2022 ,	5.3	1
262	Management of patients with SARS-CoV-2 infections with focus on patients with chronic lung diseases (as of 10 January 2022) : Updated statement of the Austrian Society of Pneumology (ASP).. <i>Wiener Klinische Wochenschrift</i> , 2022 , 134, 399	2.3	
261	Standardized exercise training is feasible, safe, and effective in pulmonary arterial and chronic thromboembolic pulmonary hypertension: results from a large European multicentre randomized controlled trial. <i>European Heart Journal</i> , 2021 , 42, 2284-2295	9.5	11
260	Combination Therapy in Pulmonary Arterial Hypertension-Targeting the Nitric Oxide and Prostacyclin Pathways. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2021 , 26, 453-462	2.6	4
259	Impact of Smoking Behavior on Survival Following Allogeneic Hematopoietic Stem Cell Transplantation - Smoking Cessation Matters. <i>Nicotine and Tobacco Research</i> , 2021 , 23, 1708-1715	4.9	0
258	Update pulmonale Hypertonie mit Fokus auf Lungenkrankheiten. <i>Pneumologie</i> , 2021 , 18, 195-206	0.1	
257	Dysbalance of ACE2 levels - a possible cause for severe COVID-19 outcome in COPD. <i>Journal of Pathology: Clinical Research</i> , 2021 , 7, 446-458	5.3	7
256	Between inflammation and thrombosis: endothelial cells in COVID-19. <i>European Respiratory Journal</i> , 2021 , 58,	13.6	15
255	Elevated pulmonary vascular resistance predicts mortality in COPD patients. <i>European Respiratory Journal</i> , 2021 , 58,	13.6	3
254	Pulmonary Arterial Hypertension: Diagnosis, Treatment, and Novel Advances. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 , 203, 1472-1487	10.2	13
253	Pulmonary hypertension in chronic obstructive pulmonary disease. <i>British Journal of Pharmacology</i> , 2021 , 178, 132-151	8.6	19
252	Clinical-Pathological Conference Series from the Medical University of Graz : Case No. 70: A 33-year-old psychologist with severe dyspnea and right-sided chylothorax. <i>Wiener Klinische Wochenschrift</i> , 2021 , 133, 65-72	2.3	1
251	MR 4D flow-based mean pulmonary arterial pressure tracking in pulmonary hypertension. <i>European Radiology</i> , 2021 , 31, 1883-1893	8	4
250	Exercise Pulmonary Resistances Predict Long-Term Survival in Systemic Sclerosis. <i>Chest</i> , 2021 , 159, 781-790	5.9	3
249	Successful treatment of severe interstitial pneumonia by removal of circulating autoantibodies: a case series. <i>BMC Pulmonary Medicine</i> , 2021 , 21, 13	3.5	1
248	The Challenge to Decide between Pulmonary Hypertension Due to Chronic Lung Disease and PAH with Chronic Lung Disease. <i>Diagnostics</i> , 2021 , 11,	3.8	3

247	The definition of pulmonary hypertension: history, practical implications and current controversies.. <i>Breathe</i> , 2021 , 17, 210076	1.8	1
246	Real-world experience with anti-PD-1/PD-L1 monotherapy in patients with non-small cell lung cancer : A retrospective Austrian multicenter study. <i>Wiener Klinische Wochenschrift</i> , 2021 , 133, 1122-1130 ³	3.3	1
245	PCK2 opposes mitochondrial respiration and maintains the redox balance in starved lung cancer cells. <i>Free Radical Biology and Medicine</i> , 2021 , 176, 34-45	7.8	1
244	Erfolgreiche Behandlung einer schweren interstitiellen Pneumonie durch Entfernung zirkulierender Autoantikörper: eine Fallserie. <i>Karger Kompass Pneumologie</i> , 2021 , 96-101	0	
243	Phospholipid dynamics in ex vivo lung cancer and normal lung explants. <i>Experimental and Molecular Medicine</i> , 2021 , 53, 81-90	12.8	4
242	TMEM16A Potentiation: Possible Drawbacks. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 202, 904-905	10.2	0
241	Multi-channel lung sound classification with convolutional recurrent neural networks. <i>Computers in Biology and Medicine</i> , 2020 , 122, 103831	7	18
240	Management of patients with SARS-CoV-2 infections and of patients with chronic lung diseases during the COVID-19 pandemic (as of 9 May 2020) : Statement of the Austrian Society of Pneumology (ASP). <i>Wiener Klinische Wochenschrift</i> , 2020 , 132, 365-386	2.3	13
239	Basement Membrane Remodeling Controls Endothelial Function in Idiopathic Pulmonary Arterial Hypertension. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020 , 63, 104-117	5.7	9
238	No indication of insulin resistance in idiopathic pulmonary arterial hypertension with preserved physical activity. <i>European Respiratory Journal</i> , 2020 , 55,	13.6	1
237	CDK4/6 inhibition enhances pulmonary inflammatory infiltration in bleomycin-induced lung fibrosis. <i>Respiratory Research</i> , 2020 , 21, 167	7.3	6
236	Characterization of Mutations and Levels of BMP9 and BMP10 in Pulmonary Arterial Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 201, 575-585	10.2	46
235	MicroRNA-182-5p regulates hedgehog signaling pathway and chemosensitivity of cisplatin-resistant lung adenocarcinoma cells via targeting GLI2. <i>Cancer Letters</i> , 2020 , 469, 266-276	9.9	21
234	Oncogene addiction and tumor mutational burden in non-small-cell lung cancer: Clinical significance and limitations. <i>Thoracic Cancer</i> , 2020 , 11, 205-215	3.2	11
233	Inhibiting eicosanoid degradation exerts antifibrotic effects in a pulmonary fibrosis mouse model and human tissue. <i>Journal of Allergy and Clinical Immunology</i> , 2020 , 145, 818-833.e11	11.5	15
232	Distribution and prognostic significance of gluconeogenesis and glycolysis in lung cancer. <i>Molecular Oncology</i> , 2020 , 14, 2853-2867	7.9	19
231	Quality of Life and Limitations in Daily Life of Stable COPD Outpatients in a Real-World Setting in Austria - Results from the CLARA Project. <i>International Journal of COPD</i> , 2020 , 15, 1655-1663	3	4
230	Pulmonary vascular resistance and clinical outcomes in patients with pulmonary hypertension: a retrospective cohort study. <i>Lancet Respiratory Medicine</i> , 2020 , 8, 873-884	35.1	41

229	Neue ESC/ERS-Leitlinien für Lungenembolie. <i>Pneumologie</i> , 2020 , 17, 365-375	0.1	0
228	Endothelial Dysfunction Following Enhanced TMEM16A Activity in Human Pulmonary Arteries. <i>Cells</i> , 2020 , 9,	7.9	3
227	C-Reactive Protein (CRP) Levels in Immune Checkpoint Inhibitor Response and Progression in Advanced Non-Small Cell Lung Cancer: A Bi-Center Study. <i>Cancers</i> , 2020 , 12,	6.6	18
226	Bayesian Inference Associates Rare Variants with Specific Phenotypes in Pulmonary Arterial Hypertension. <i>Circulation Genomic and Precision Medicine</i> , 2020 ,	5.2	9
225	Diagnostic and Therapeutic Gaps in Patients With Heart Failure and Chronic Obstructive Pulmonary Disease. <i>JACC: Heart Failure</i> , 2019 , 7, 823-833	7.9	30
224	Potential role of exercise echocardiography and right heart catheterization in the detection of early pulmonary vascular disease in patients with systemic sclerosis.. <i>Journal of Scleroderma and Related Disorders</i> , 2019 , 4, 219-224	2.3	1
223	Gluconeogenesis in cancer cells - Repurposing of a starvation-induced metabolic pathway?. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2019 , 1872, 24-36	11.2	65
222	Targeting TMEM16A to reverse vasoconstriction and remodelling in idiopathic pulmonary arterial hypertension. <i>European Respiratory Journal</i> , 2019 , 53,	13.6	33
221	EXPRESS: Statement on imaging and pulmonary hypertension from the Pulmonary Vascular Research Institute (PVRI). <i>Pulmonary Circulation</i> , 2019 , 2045894019841990	2.7	59
220	Quantitative CT-derived vessel metrics in idiopathic pulmonary fibrosis: A structure-function study. <i>Respirology</i> , 2019 , 24, 445-452	3.6	7
219	Advanced interstitial lung fibrosis with emphysema and pulmonary hypertension with no evidence for interstitial lung disease on high resolution CT. <i>Pulmonary Circulation</i> , 2019 , 9, 2045894019832214	2.7	
218	Whole-Body Lung Function Test-Derived Outcome Predictors in Allogeneic Stem Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2019 , 25, 129-136	4.7	4
217	Mildly increased pulmonary arterial pressure: a new disease entity or just a marker of poor prognosis?. <i>European Journal of Heart Failure</i> , 2019 , 21, 1057-1061	12.3	6
216	IL-1 receptor blockade skews inflammation towards Th2 in a mouse model of systemic sclerosis. <i>European Respiratory Journal</i> , 2019 , 54,	13.6	14
215	Pulmonary and cardiac drugs: clinically relevant interactions. <i>Herz</i> , 2019 , 44, 517-521	2.6	2
214	External validation and longitudinal extension of the LIPI (Lung Immune Prognostic Index) for immunotherapy outcomes in advanced non-small cell lung cancer. <i>Annals of Oncology</i> , 2019 , 30, v514	10.3	3
213	Matwo-CapsNet: A Multi-label Semantic Segmentation Capsules Network. <i>Lecture Notes in Computer Science</i> , 2019 , 664-672	0.9	11
212	Prognostic value of cardiopulmonary exercise testing in patients with systemic sclerosis. <i>BMC Pulmonary Medicine</i> , 2019 , 19, 230	3.5	10

211	Genetic determinants of risk in pulmonary arterial hypertension: international genome-wide association studies and meta-analysis. <i>Lancet Respiratory Medicine</i> , 2019 , 7, 227-238	35.1	55
210	Disconnect between Fibrotic Response and Right Ventricular Dysfunction. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 199, 1550-1560	10.2	23
209	ERS statement on exercise training and rehabilitation in patients with severe chronic pulmonary hypertension. <i>European Respiratory Journal</i> , 2019 , 53,	13.6	63
208	Imatinib for right heart failure in COPD. <i>Pulmonary Circulation</i> , 2019 , 9, 2045894018816974	2.7	1
207	Long non-coding RNAs influence the transcriptome in pulmonary arterial hypertension: the role of PAXIP1-AS1. <i>Journal of Pathology</i> , 2019 , 247, 357-370	9.4	26
206	Pulmonary hypertension in chronic lung disease and hypoxia. <i>European Respiratory Journal</i> , 2019 , 53,	13.6	231
205	Identification of rare sequence variation underlying heritable pulmonary arterial hypertension. <i>Nature Communications</i> , 2018 , 9, 1416	17.4	182
204	Network Analysis to Risk Stratify Patients With Exercise Intolerance. <i>Circulation Research</i> , 2018 , 122, 864-876	15.7	29
203	Resident cell lineages are preserved in pulmonary vascular remodeling. <i>Journal of Pathology</i> , 2018 , 244, 485-498	9.4	22
202	Right ventricular fibrosis and dysfunction: Actual concepts and common misconceptions. <i>Matrix Biology</i> , 2018 , 68-69, 507-521	11.4	19
201	The inflammatory cell landscape in the lungs of patients with idiopathic pulmonary arterial hypertension. <i>European Respiratory Journal</i> , 2018 , 51,	13.6	57
200	Pulmonary capillary recruitment in exercise and pulmonary hypertension. <i>European Respiratory Journal</i> , 2018 , 51,	13.6	1
199	Healthy Lung Vessel Morphology Derived From Thoracic Computed Tomography. <i>Frontiers in Physiology</i> , 2018 , 9, 346	4.6	7
198	Rho-Kinase Inhibition Ameliorates Dasatinib-Induced Endothelial Dysfunction and Pulmonary Hypertension. <i>Frontiers in Physiology</i> , 2018 , 9, 537	4.6	12
197	Biomarkers for Pulmonary Vascular Remodeling in Systemic Sclerosis: A Pathophysiological Approach. <i>Frontiers in Physiology</i> , 2018 , 9, 587	4.6	16
196	Pulmonary Vascular Involvement in Chronic Obstructive Pulmonary Disease. Is There a Pulmonary Vascular Phenotype?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 1000-1011	10.2	56
195	Pulmonary hypertension due to lung diseases: Updated recommendations from the Cologne Consensus Conference 2018. <i>International Journal of Cardiology</i> , 2018 , 272S, 63-68	3.2	21
194	No erythropoietin-induced growth is observed in non-small cell lung cancer cells. <i>International Journal of Oncology</i> , 2018 , 52, 518-526	4.4	5

193	Pulmonary Lobe Segmentation in CT Images using Alpha-Expansion 2018 ,		4
192	Mild Elevation of Pulmonary Arterial Pressure as a Predictor of Mortality. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 197, 509-516	10.2	84
191	Risikofaktoren für Lungenkrankheiten. <i>Pneumologe</i> , 2018 , 15, 227-228	0.1	1
190	Crackle and Breathing Phase Detection in Lung Sounds with Deep Bidirectional Gated Recurrent Neural Networks. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2018 , 2018, 356-359	0.9	11
189	Are anticoagulants still indicated in pulmonary arterial hypertension?. <i>Pulmonary Circulation</i> , 2018 , 8, 2045894018807681	2.7	8
188	Clinical-Pathological Conference Series from the Medical University of Graz : Case No 168: A 28-year-old Syrian refugee with severe abdominal pain and eosinophilia. <i>Wiener Klinische Wochenschrift</i> , 2018 , 130, 581-588	2.3	1
187	Pulmonale Hypertonie und rheumatische Erkrankungen. <i>Pneumologe</i> , 2018 , 15, 396-403	0.1	
186	Transcriptome profiling reveals the complexity of pirfenidone effects in idiopathic pulmonary fibrosis. <i>European Respiratory Journal</i> , 2018 , 52,	13.6	33
185	The glycerol backbone of phospholipids derives from noncarbohydrate precursors in starved lung cancer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 6225-6230	11.5	25
184	Native myocardial T1 mapping in pulmonary hypertension: correlations with cardiac function and hemodynamics. <i>European Radiology</i> , 2017 , 27, 157-166	8	34
183	Cardiopulmonary exercise testing for detecting pulmonary arterial hypertension in systemic sclerosis. <i>Heart</i> , 2017 , 103, 774-782	5.1	35
182	Pulmonale Hypertonie. <i>Pneumologe</i> , 2017 , 14, 117-128	0.1	
181	The safety and pharmacokinetics of rapid iloprost aerosol delivery via the BREELIB nebulizer in pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2017 , 7, 505-513	2.7	14
180	Understanding exercise hemodynamics. <i>Pulmonary Circulation</i> , 2017 , 7, 565-566	2.7	
179	MicroRNAs as regulators of cisplatin-resistance in non-small cell lung carcinomas. <i>Oncotarget</i> , 2017 , 8, 115754-115773	3.3	37
178	Importance of kynurenine in pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017 , 313, L741-L751	5.8	19
177	Changes in pulmonary exercise haemodynamics in scleroderma: a 4-year prospective study. <i>European Respiratory Journal</i> , 2017 , 50,	13.6	20
176	Hypoxic vascular response and ventilation/perfusion matching in end-stage COPD may depend on p22phox. <i>European Respiratory Journal</i> , 2017 , 50,	13.6	12

175	TR3 is involved in hypoxia-induced apoptosis resistance in lung cancer cells downstream of HIF-1 <i>Lung Cancer</i> , 2017 , 111, 15-22	5.9	15
174	Screening in der Pneumologie. <i>Pneumologe</i> , 2017 , 14, 129-130	0.1	
173	Screening auf pulmonale Hypertonie. <i>Pneumologe</i> , 2017 , 14, 153-159	0.1	
172	An official European Respiratory Society statement: pulmonary haemodynamics during exercise. <i>European Respiratory Journal</i> , 2017 , 50,	13.6	124
171	Lack of ABCG2 Leads to Biventricular Dysfunction and Remodeling in Response to Hypoxia. <i>Frontiers in Physiology</i> , 2017 , 8, 98	4.6	3
170	Pulmonary Hypertension. <i>Deutsches A&#x0308;rztblatt International</i> , 2017 , 114, 73-84	2.5	57
169	Progression of Lung Cancer: Role of Hypoxia and the Metabolic Tumor Microenvironment 2017 , 287-299		
168	Docosahexaenoic acid causes rapid pulmonary arterial relaxation via KCa channel-mediated hyperpolarisation in pulmonary hypertension. <i>European Respiratory Journal</i> , 2016 , 48, 1127-1136	13.6	18
167	Efficacy and Safety of Inhaled Iloprost in Japanese Patients With Pulmonary Arterial Hypertension - Insights From the IBUKI and AIR Studies. <i>Circulation Journal</i> , 2016 , 80, 835-42	2.9	18
166	Counter-clockwise vortical blood flow in the main pulmonary artery in a patient with patent ductus arteriosus with pulmonary arterial hypertension: a cardiac magnetic resonance imaging case report. <i>BMC Medical Imaging</i> , 2016 , 16, 45	2.9	5
165	Does exercise pulmonary hypertension exist?. <i>Current Opinion in Pulmonary Medicine</i> , 2016 , 22, 400-7	3	4
164	Amitriptyline and carbamazepine utilize voltage-gated ion channel suppression to impair excitability of sensory dorsal horn neurons in thin tissue slice: An in vitro study. <i>Neuroscience Research</i> , 2016 , 109, 16-27	2.9	8
163	Belastungsuntersuchungen in der Pneumologie. <i>Pneumologe</i> , 2016 , 13, 209-219	0.1	
162	Proposed new definition of exercise pulmonary hypertension decreases false-positive cases. <i>European Respiratory Journal</i> , 2016 , 47, 1270-3	13.6	18
161	Clinical Manifestations of Respiratory Bronchiolitis as an Incidental Finding in Surgical Lung Biopsies: A Retrospective Analysis of a Large Austrian Registry. <i>Respiration</i> , 2016 , 91, 26-33	3.7	3
160	TASK-1 Regulates Apoptosis and Proliferation in a Subset of Non-Small Cell Lung Cancers. <i>PLoS ONE</i> , 2016 , 11, e0157453	3.7	22
159	Use of ECG and Other Simple Non-Invasive Tools to Assess Pulmonary Hypertension. <i>PLoS ONE</i> , 2016 , 11, e0168706	3.7	9
158	Pulmonale Hypertonie 2016 , 313-329		

157	Letter by Olschewski et al Regarding Article, "Upregulation of K2P3.1 K ⁺ Current Causes Action Potential Shortening in Patients With Chronic Atrial Fibrillation". <i>Circulation</i> , 2016 , 133, e439	16.7	4
156	Functional and molecular factors associated with TAPSE in hypoxic pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016 , 311, L59-73	5.8	7
155	Safety and tolerability of acetylcysteine and pirfenidone combination therapy in idiopathic pulmonary fibrosis: a randomised, double-blind, placebo-controlled, phase 2 trial. <i>Lancet Respiratory Medicine</i> , 2016 , 4, 445-53	35.1	81
154	Pulmonary arterial pressure in patients with myelodysplastic syndromes. <i>Leukemia and Lymphoma</i> , 2016 , 57, 2723-6	1.9	5
153	CD133+ cells in pulmonary arterial hypertension. <i>European Respiratory Journal</i> , 2016 , 48, 459-69	13.6	14
152	Automated integer programming based separation of arteries and veins from thoracic CT images. <i>Medical Image Analysis</i> , 2016 , 34, 109-122	15.4	19
151	Pressure Overload Creates Right Ventricular Diastolic Dysfunction in a Mouse Model: Assessment by Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2015 , 28, 828-43	5.8	28
150	Compartment-specific expression of collagens and their processing enzymes in intrapulmonary arteries of IPAH patients. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015 , 308, L1002-13	5.8	44
149	Panobinostat reduces hypoxia-induced cisplatin resistance of non-small cell lung carcinoma cells via HIF-1 α destabilization. <i>Molecular Cancer</i> , 2015 , 14, 4	42.1	47
148	Blood flow vortices along the main pulmonary artery measured with MR imaging for diagnosis of pulmonary hypertension. <i>Radiology</i> , 2015 , 275, 71-9	20.5	88
147	PCK2 activation mediates an adaptive response to glucose depletion in lung cancer. <i>Oncogene</i> , 2015 , 34, 1044-50	9.2	119
146	Herausforderungen bei der Diagnostik der pulmonalen Hypertonie. <i>Pneumologe</i> , 2015 , 12, 381-389	0.1	
145	Medikamentöse Therapie der pulmonal arteriellen Hypertonie. <i>Pneumologe</i> , 2015 , 12, 390-400	0.1	
144	Sleep Related Breathing Disorders and Inflammation - The Missing Link? A Cohort Study Evaluating the Interaction of Inflammation and Sleep Related Breathing Disorders and Effects of Treatment. <i>PLoS ONE</i> , 2015 , 10, e0137594	3.7	5
143	Automatic Artery-Vein Separation from Thoracic CT Images Using Integer Programming. <i>Lecture Notes in Computer Science</i> , 2015 , 36-43	0.9	
142	Non-invasive determination of pulmonary hypertension with dynamic contrast-enhanced computed tomography: a pilot study. <i>European Radiology</i> , 2014 , 24, 668-76	8	18
141	Hypoxia increases membrane metallo-endopeptidase expression in a novel lung cancer ex vivo model - role of tumor stroma cells. <i>BMC Cancer</i> , 2014 , 14, 40	4.8	41
140	Inhalative Antibiotikatherapie bei Non-CF-Bronchiektasen. <i>Pneumologe</i> , 2014 , 11, 323-329	0.1	1

139	Gluconeogenesis in cancer: door wide open. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E4394	11.5	10
138	Comprehensive analysis of inflammatory markers in chronic thromboembolic pulmonary hypertension patients. <i>European Respiratory Journal</i> , 2014 , 44, 951-62	13.6	71
137	Distinct differences in gene expression patterns in pulmonary arteries of patients with chronic obstructive pulmonary disease and idiopathic pulmonary fibrosis with pulmonary hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 190, 98-111	10.2	69
136	Ion channels and transporters as therapeutic targets in the pulmonary circulation. <i>Pharmacology & Therapeutics</i> , 2014 , 144, 349-68	13.9	18
135	Characterization of patients with borderline pulmonary arterial pressure. <i>Chest</i> , 2014 , 146, 1486-1493	5.3	51
134	Liposomal nanoparticles encapsulating iloprost exhibit enhanced vasodilation in pulmonary arteries. <i>International Journal of Nanomedicine</i> , 2014 , 9, 3249-61	7.3	21
133	Reply: reading of pulmonary artery pressure tracings: the best compromise of accuracy and clinical pertinence. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 190, 1198-9	10.2	18
132	Reading pulmonary vascular pressure tracings. How to handle the problems of zero leveling and respiratory swings. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 190, 252-7	10.2	113
131	Meprin α a novel mediator of vascular remodelling underlying pulmonary hypertension. <i>Journal of Pathology</i> , 2014 , 233, 7-17	9.4	42
130	Impact of atomization technique on the stability and transport efficiency of nebulized liposomes harboring different surface characteristics. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014 , 88, 1076-85	5.7	22
129	Changes in right ventricular function measured by cardiac magnetic resonance imaging in patients receiving pulmonary arterial hypertension-targeted therapy: the EURO-MR study. <i>Circulation: Cardiovascular Imaging</i> , 2014 , 7, 107-14	3.9	111
128	Complete resolution of idiopathic pulmonary arterial hypertension following chemotherapy. <i>European Respiratory Journal</i> , 2014 , 43, 1513-5	13.6	4
127	Double-stranded RNA attenuates the barrier function of human pulmonary artery endothelial cells. <i>PLoS ONE</i> , 2014 , 8, e63776	3.7	11
126	Quantification of tortuosity and fractal dimension of the lung vessels in pulmonary hypertension patients. <i>PLoS ONE</i> , 2014 , 9, e87515	3.7	59
125	Pulmonale Hypertonie. <i>Pneumologe</i> , 2013 , 10, 53-57	0.1	
124	Docosahexaenoic acid (DHA)-induced heme oxygenase-1 attenuates cytotoxic effects of DHA in vascular smooth muscle cells. <i>Atherosclerosis</i> , 2013 , 230, 406-13	3.1	11
123	Updated clinical classification of pulmonary hypertension. <i>Journal of the American College of Cardiology</i> , 2013 , 62, D34-41	15.1	1937
122	Determination of cardiac output with dynamic contrast-enhanced computed tomography. <i>International Journal of Cardiovascular Imaging</i> , 2013 , 29, 1871-8	2.5	8

121	Biomarkers in pulmonary hypertension: what do we know?. <i>Chest</i> , 2013 , 144, 274-283	5.3	66
120	PL-7 positive antisynthetase syndrome and pulmonary hypertension. <i>Journal of Rheumatology</i> , 2013 , 40, 1777-9	4.1	6
119	Zero reference level for right heart catheterisation. <i>European Respiratory Journal</i> , 2013 , 42, 1586-94	13.6	83
118	Src tyrosine kinase is crucial for potassium channel function in human pulmonary arteries. <i>European Respiratory Journal</i> , 2013 , 41, 85-95	13.6	82
117	Assessment and prognostic relevance of right ventricular contractile reserve in patients with severe pulmonary hypertension. <i>Circulation</i> , 2013 , 128, 2005-15	16.7	149
116	A 57-year-old woman with obesity, respiratory insufficiency, and slowed mental state. Diagnosis: Obesity hypoventilation syndrome. <i>Chest</i> , 2013 , 144, 347-348	5.3	0
115	Baseline and follow-up 6-min walk distance and brain natriuretic peptide predict 2-year mortality in pulmonary arterial hypertension. <i>Chest</i> , 2013 , 143, 315-323	5.3	69
114	Evaluation of elevated mean pulmonary arterial pressure based on magnetic resonance 4D velocity mapping: comparison of visualization techniques. <i>PLoS ONE</i> , 2013 , 8, e82212	3.7	46
113	Prostacyclins. <i>Handbook of Experimental Pharmacology</i> , 2013 , 218, 177-98	3.2	4
112	HbA1c in pulmonary arterial hypertension: a marker of prognostic relevance?. <i>Journal of Heart and Lung Transplantation</i> , 2012 , 31, 1109-14	5.8	27
111	Pulmonary arterial hypertension therapy may be safe and effective in patients with systemic sclerosis and borderline pulmonary artery pressure. <i>Arthritis and Rheumatism</i> , 2012 , 64, 1257-62		47
110	Dyspnoe. <i>Pneumologie</i> , 2012 , 9, 247-247	0.1	
109	Docosahexaenoic acid-induced unfolded protein response, cell cycle arrest, and apoptosis in vascular smooth muscle cells are triggered by Ca ²⁺ -dependent induction of oxidative stress. <i>Free Radical Biology and Medicine</i> , 2012 , 52, 1786-95	7.8	30
108	Pulmonary vascular resistances during exercise in normal subjects: a systematic review. <i>European Respiratory Journal</i> , 2012 , 39, 319-28	13.6	125
107	Peroxisome proliferator-activated receptor- γ the acute signaling factor in prostacyclin-induced pulmonary vasodilation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012 , 46, 372-9	5.7	34
106	Diagnosis of CTEPH versus IPAH using capillary to end-tidal carbon dioxide gradients. <i>European Respiratory Journal</i> , 2012 , 39, 119-24	13.6	41
105	Angiostatic factors in the pulmonary endarterectomy material from chronic thromboembolic pulmonary hypertension patients cause endothelial dysfunction. <i>PLoS ONE</i> , 2012 , 7, e43793	3.7	41
104	Exercise in Pulmonary Hypertension. <i>Advances in Pulmonary Hypertension</i> , 2012 , 10, 237-240	0.5	0

103	Effect of exercise and respiratory training on clinical progression and survival in patients with severe chronic pulmonary hypertension. <i>Respiration</i> , 2011 , 81, 394-401	3.7	125
102	Hypoxia-induced cisplatin resistance is reversible and growth rate independent in lung cancer cells. <i>Cancer Letters</i> , 2011 , 308, 134-43	9.9	45
101	Long-term effects of inhaled treprostinil in patients with pulmonary arterial hypertension: the Treprostinil Sodium Inhalation Used in the Management of Pulmonary Arterial Hypertension (TRIUMPH) study open-label extension. <i>Journal of Heart and Lung Transplantation</i> , 2011 , 30, 1327-33	5.8	69
100	Treatment of pulmonary arterial hypertension (PAH): updated Recommendations of the Cologne Consensus Conference 2011. <i>International Journal of Cardiology</i> , 2011 , 154 Suppl 1, S20-33	3.2	38
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