

# Horst Olschewski

## List of Publications by Citations

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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	Updated clinical classification of pulmonary hypertension. <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 62, D34-41	15.1	1937
263	Inhaled iloprost for severe pulmonary hypertension. <i>New England Journal of Medicine</i> , <b>2002</b> , 347, 322-9	59.2	1308
262	Diagnosis and assessment of pulmonary arterial hypertension. <i>Journal of the American College of Cardiology</i> , <b>2009</b> , 54, S55-S66	15.1	828
261	Ambrisentan for the treatment of pulmonary arterial hypertension: results of the ambrisentan in pulmonary arterial hypertension, randomized, double-blind, placebo-controlled, multicenter, efficacy (ARIES) study 1 and 2. <i>Circulation</i> , <b>2008</b> , 117, 3010-9	16.7	769
260	Guidelines on diagnosis and treatment of pulmonary arterial hypertension. The Task Force on Diagnosis and Treatment of Pulmonary Arterial Hypertension of the European Society of Cardiology. <i>European Heart Journal</i> , <b>2004</b> , 25, 2243-78	9.5	665
259	Diagnosis and differential assessment of pulmonary arterial hypertension. <i>Journal of the American College of Cardiology</i> , <b>2004</b> , 43, 40S-47S	15.1	651
258	Pulmonary arterial pressure during rest and exercise in healthy subjects: a systematic review. <i>European Respiratory Journal</i> , <b>2009</b> , 34, 888-94	13.6	614
257	Sildenafil for treatment of lung fibrosis and pulmonary hypertension: a randomised controlled trial. <i>Lancet, The</i> , <b>2002</b> , 360, 895-900	40	590
256	Enhanced release of superoxide from polymorphonuclear neutrophils in obstructive sleep apnea. Impact of continuous positive airway pressure therapy. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2000</b> , 162, 566-70	10.2	500
255	Exercise and respiratory training improve exercise capacity and quality of life in patients with severe chronic pulmonary hypertension. <i>Circulation</i> , <b>2006</b> , 114, 1482-9	16.7	489
254	Addition of inhaled treprostinil to oral therapy for pulmonary arterial hypertension: a randomized controlled clinical trial. <i>Journal of the American College of Cardiology</i> , <b>2010</b> , 55, 1915-22	15.1	381
253	Ambrisentan therapy for pulmonary arterial hypertension. <i>Journal of the American College of Cardiology</i> , <b>2005</b> , 46, 529-35	15.1	364
252	Combination therapy with oral sildenafil and inhaled iloprost for severe pulmonary hypertension. <i>Annals of Internal Medicine</i> , <b>2002</b> , 136, 515-22	8	346
251	Mutations of the TGF-beta type II receptor BMPR2 in pulmonary arterial hypertension. <i>Human Mutation</i> , <b>2006</b> , 27, 121-32	4.7	322
250	Inhaled prostacyclin and iloprost in severe pulmonary hypertension secondary to lung fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>1999</b> , 160, 600-7	10.2	300
249	Oral sildenafil as long-term adjunct therapy to inhaled iloprost in severe pulmonary arterial hypertension. <i>Journal of the American College of Cardiology</i> , <b>2003</b> , 42, 158-64	15.1	290
248	Diagnosis, assessment, and treatment of non-pulmonary arterial hypertension pulmonary hypertension. <i>Journal of the American College of Cardiology</i> , <b>2009</b> , 54, S85-S96	15.1	284

247	Imatinib in pulmonary arterial hypertension patients with inadequate response to established therapy. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2010</b> , 182, 1171-7	10.2	276
246	Aerosolized prostacyclin and iloprost in severe pulmonary hypertension. <i>Annals of Internal Medicine</i> , <b>1996</b> , 124, 820-4	8	273
245	Molecular and functional analysis identifies ALK-1 as the predominant cause of pulmonary hypertension related to hereditary haemorrhagic telangiectasia. <i>Journal of Medical Genetics</i> , <b>2003</b> , 40, 865-71	5.8	257
244	Direct comparison of inhaled nitric oxide and aerosolized prostacyclin in acute respiratory distress syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>1996</b> , 153, 991-6	10.2	255
243	A comparison of the acute hemodynamic effects of inhaled nitric oxide and aerosolized iloprost in primary pulmonary hypertension. German PPH study group. <i>Journal of the American College of Cardiology</i> , <b>2000</b> , 35, 176-82	15.1	246
242	Pulmonary hypertension in chronic lung disease and hypoxia. <i>European Respiratory Journal</i> , <b>2019</b> , 53,	13.6	231
241	Sildenafil increased exercise capacity during hypoxia at low altitudes and at Mount Everest base camp: a randomized, double-blind, placebo-controlled crossover trial. <i>Annals of Internal Medicine</i> , <b>2004</b> , 141, 169-77	8	220
240	Sildenafil for long-term treatment of nonoperable chronic thromboembolic pulmonary hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2003</b> , 167, 1139-41	10.2	211
239	Prostacyclin therapies for the treatment of pulmonary arterial hypertension. <i>European Respiratory Journal</i> , <b>2008</b> , 31, 891-901	13.6	197
238	Decreased plasma levels of nitric oxide derivatives in obstructive sleep apnoea: response to CPAP therapy. <i>Thorax</i> , <b>2000</b> , 55, 1046-51	7.3	194
237	Long-term ambrisentan therapy for the treatment of pulmonary arterial hypertension. <i>Journal of the American College of Cardiology</i> , <b>2009</b> , 54, 1971-81	15.1	191
236	Abnormal pulmonary artery pressure response in asymptomatic carriers of primary pulmonary hypertension gene. <i>Circulation</i> , <b>2000</b> , 102, 1145-50	16.7	189
235	Identification of rare sequence variation underlying heritable pulmonary arterial hypertension. <i>Nature Communications</i> , <b>2018</b> , 9, 1416	17.4	182
234	Impact of TASK-1 in human pulmonary artery smooth muscle cells. <i>Circulation Research</i> , <b>2006</b> , 98, 1072-80	15.7	174
233	Magnetic resonance-derived 3-dimensional blood flow patterns in the main pulmonary artery as a marker of pulmonary hypertension and a measure of elevated mean pulmonary arterial pressure. <i>Circulation: Cardiovascular Imaging</i> , <b>2008</b> , 1, 23-30	3.9	168
232	Sildenafil treatment for portopulmonary hypertension. <i>European Respiratory Journal</i> , <b>2006</b> , 28, 563-7	13.6	168
231	Inhaled iloprost to treat severe pulmonary hypertension. An uncontrolled trial. German PPH Study Group. <i>Annals of Internal Medicine</i> , <b>2000</b> , 132, 435-43	8	167
230	Stress Doppler echocardiography in relatives of patients with idiopathic and familial pulmonary arterial hypertension: results of a multicenter European analysis of pulmonary artery pressure response to exercise and hypoxia. <i>Circulation</i> , <b>2009</b> , 119, 1747-57	16.7	164

229	Prostanoid therapy for pulmonary arterial hypertension. <i>Journal of the American College of Cardiology</i> , <b>2004</b> , 43, 56S-61S	15.1	154
228	Assessment and prognostic relevance of right ventricular contractile reserve in patients with severe pulmonary hypertension. <i>Circulation</i> , <b>2013</b> , 128, 2005-15	16.7	149
227	Ambrisentan therapy in patients with pulmonary arterial hypertension who discontinued bosentan or sitaxsentan due to liver function test abnormalities. <i>Chest</i> , <b>2009</b> , 135, 122-129	5.3	149
226	Abnormalities of gastric mucosal oxygenation in septic shock: partial responsiveness to doxamine. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>1998</b> , 157, 1586-92	10.2	127
225	Effect of exercise and respiratory training on clinical progression and survival in patients with severe chronic pulmonary hypertension. <i>Respiration</i> , <b>2011</b> , 81, 394-401	3.7	125
224	Pulmonary vascular resistances during exercise in normal subjects: a systematic review. <i>European Respiratory Journal</i> , <b>2012</b> , 39, 319-28	13.6	125
223	An official European Respiratory Society statement: pulmonary haemodynamics during exercise. <i>European Respiratory Journal</i> , <b>2017</b> , 50,	13.6	124
222	PCK2 activation mediates an adaptive response to glucose depletion in lung cancer. <i>Oncogene</i> , <b>2015</b> , 34, 1044-50	9.2	119
221	Outcome after cardiopulmonary resuscitation in patients with pulmonary arterial hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2002</b> , 165, 341-4	10.2	119
220	Favorable effects of inhaled treprostinil in severe pulmonary hypertension: results from randomized controlled pilot studies. <i>Journal of the American College of Cardiology</i> , <b>2006</b> , 48, 1672-81	15.1	115
219	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> , <b>2014</b> , 190, 252-7	10.2	113
218	Borderline pulmonary arterial pressure is associated with decreased exercise capacity in scleroderma. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2009</b> , 180, 881-6	10.2	113
217	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> , <b>2014</b> , 7, 107-14	3.9	111
216	Prostacyclin and its analogues in the treatment of pulmonary hypertension <b>2004</b> , 102, 139-53		102
215	Safety and efficacy of inhaled treprostinil as add-on therapy to bosentan in pulmonary arterial hypertension. <i>Journal of the American College of Cardiology</i> , <b>2006</b> , 48, 1433-7	15.1	101
214	Thermoregulatory, cardiovascular, and muscular factors related to exercise after precooling. <i>Journal of Applied Physiology</i> , <b>1988</b> , 64, 803-11	3.7	101
213	Pharmacodynamics and pharmacokinetics of inhaled iloprost, aerosolized by three different devices, in severe pulmonary hypertension. <i>Chest</i> , <b>2003</b> , 124, 1294-304	5.3	100
212	Blood flow vortices along the main pulmonary artery measured with MR imaging for diagnosis of pulmonary hypertension. <i>Radiology</i> , <b>2015</b> , 275, 71-9	20.5	88

211	Differences in hemodynamic and oxygenation responses to three different phosphodiesterase-5 inhibitors in patients with pulmonary arterial hypertension: a randomized prospective study. <i>Journal of the American College of Cardiology</i> , <b>2004</b> , 44, 1488-96	15.1	86
210	Mild Elevation of Pulmonary Arterial Pressure as a Predictor of Mortality. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 197, 509-516	10.2	84
209	Zero reference level for right heart catheterisation. <i>European Respiratory Journal</i> , <b>2013</b> , 42, 1586-94	13.6	83
208	Src tyrosine kinase is crucial for potassium channel function in human pulmonary arteries. <i>European Respiratory Journal</i> , <b>2013</b> , 41, 85-95	13.6	82
207	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> , <b>2016</b> , 4, 445-53	35.1	81
206	Ultrasonic versus jet nebulization of iloprost in severe pulmonary hypertension. <i>European Respiratory Journal</i> , <b>2001</b> , 17, 14-9	13.6	79
205	Peripheral airway obstruction in primary pulmonary hypertension. <i>Thorax</i> , <b>2002</b> , 57, 473-6	7.3	77
204	Comprehensive analysis of inflammatory markers in chronic thromboembolic pulmonary hypertension patients. <i>European Respiratory Journal</i> , <b>2014</b> , 44, 951-62	13.6	71
203	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> , <b>2014</b> , 190, 98-111	10.2	69
202	Baseline and follow-up 6-min walk distance and brain natriuretic peptide predict 2-year mortality in pulmonary arterial hypertension. <i>Chest</i> , <b>2013</b> , 143, 315-323	5.3	69
201	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> , <b>2011</b> , 30, 1327-33	5.8	69
200	Assessment of pulmonary arterial pressure during exercise in collagen vascular disease: echocardiography vs right-sided heart catheterization. <i>Chest</i> , <b>2010</b> , 138, 270-8	5.3	67
199	Nocturnal periodic breathing in primary pulmonary hypertension. <i>European Respiratory Journal</i> , <b>2002</b> , 19, 658-63	13.6	67
198	Biomarkers in pulmonary hypertension: what do we know?. <i>Chest</i> , <b>2013</b> , 144, 274-283	5.3	66
197	Gluconeogenesis in cancer cells - Repurposing of a starvation-induced metabolic pathway?. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , <b>2019</b> , 1872, 24-36	11.2	65
196	ERS statement on exercise training and rehabilitation in patients with severe chronic pulmonary hypertension. <i>European Respiratory Journal</i> , <b>2019</b> , 53,	13.6	63
195	Physiologic basis for the treatment of pulmonary hypertension. <i>Translational Research</i> , <b>2001</b> , 138, 287-97		62
194	Amplification of the pulmonary vasodilatory response to inhaled iloprost by subthreshold phosphodiesterase types 3 and 4 inhibition in severe pulmonary hypertension. <i>Critical Care Medicine</i> , <b>2002</b> , 30, 2489-92	1.4	62

193	EXPRESS: Statement on imaging and pulmonary hypertension from the Pulmonary Vascular Research Institute (PVRI). <i>Pulmonary Circulation</i> , <b>2019</b> , 2045894019841990	2.7	59
192	Long-term therapy with inhaled iloprost in patients with pulmonary hypertension. <i>Respiratory Medicine</i> , <b>2010</b> , 104, 731-40	4.6	59
191	Ketamine impairs excitability in superficial dorsal horn neurones by blocking sodium and voltage-gated potassium currents. <i>British Journal of Pharmacology</i> , <b>2005</b> , 146, 826-33	8.6	59
190	Quantification of tortuosity and fractal dimension of the lung vessels in pulmonary hypertension patients. <i>PLoS ONE</i> , <b>2014</b> , 9, e87515	3.7	59
189	Inhaled iloprost is a potent acute pulmonary vasodilator in HIV-related severe pulmonary hypertension. <i>European Respiratory Journal</i> , <b>2004</b> , 23, 321-6	13.6	58
188	The inflammatory cell landscape in the lungs of patients with idiopathic pulmonary arterial hypertension. <i>European Respiratory Journal</i> , <b>2018</b> , 51,	13.6	57
187	Acute effects of the combination of sildenafil and inhaled treprostinil on haemodynamics and gas exchange in pulmonary hypertension. <i>Pulmonary Pharmacology and Therapeutics</i> , <b>2008</b> , 21, 824-32	3.5	57
186	Pulmonary Hypertension. <i>Deutsches A&amp;#x0308;rztblatt International</i> , <b>2017</b> , 114, 73-84	2.5	57
185	Pulmonary Vascular Involvement in Chronic Obstructive Pulmonary Disease. Is There a Pulmonary Vascular Phenotype?. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 198, 1000-1011	10.2	56
184	Genetic determinants of risk in pulmonary arterial hypertension: international genome-wide association studies and meta-analysis. <i>Lancet Respiratory Medicine</i> , <b>2019</b> , 7, 227-238	35.1	55
183	Characterization of patients with borderline pulmonary arterial pressure. <i>Chest</i> , <b>2014</b> , 146, 1486-1493	5.3	51
182	Endothelin-1 inhibits background two-pore domain channel TASK-1 in primary human pulmonary artery smooth muscle cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2009</b> , 41, 476-83	5.7	51
181	Low frequency of BMPR2 mutations in a German cohort of patients with sporadic idiopathic pulmonary arterial hypertension. <i>Journal of Medical Genetics</i> , <b>2004</b> , 41, e127	5.8	51
180	Recovery from circulatory shock in severe primary pulmonary hypertension (PPH) with aerosolization of iloprost. <i>Intensive Care Medicine</i> , <b>1998</b> , 24, 631-4	14.5	49
179	Cellular pathophysiology and therapy of pulmonary hypertension. <i>Translational Research</i> , <b>2001</b> , 138, 367-77		48
178	Panobinostat reduces hypoxia-induced cisplatin resistance of non-small cell lung carcinoma cells via HIF-1 $\beta$ destabilization. <i>Molecular Cancer</i> , <b>2015</b> , 14, 4	42.1	47
177	Pulmonary arterial hypertension therapy may be safe and effective in patients with systemic sclerosis and borderline pulmonary artery pressure. <i>Arthritis and Rheumatism</i> , <b>2012</b> , 64, 1257-62		47
176	Hemodynamic and clinical onset in patients with hereditary pulmonary arterial hypertension and BMPR2 mutations. <i>Respiratory Research</i> , <b>2011</b> , 12, 99	7.3	47



175	Atrial natriuretic peptide in severe primary and nonprimary pulmonary hypertension: response to iloprost inhalation. <i>Journal of the American College of Cardiology</i> , <b>2001</b> , 38, 1130-6	15.1	47
174	Evaluation of elevated mean pulmonary arterial pressure based on magnetic resonance 4D velocity mapping: comparison of visualization techniques. <i>PLoS ONE</i> , <b>2013</b> , 8, e82212	3.7	46
173	Sildenafil improves dynamic vascular function in the brain: studies in patients with pulmonary hypertension. <i>Cerebrovascular Diseases</i> , <b>2006</b> , 21, 194-200	3.2	46
172	Characterization of Mutations and Levels of BMP9 and BMP10 in Pulmonary Arterial Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2020</b> , 201, 575-585	10.2	46
171	Hypoxia-induced cisplatin resistance is reversible and growth rate independent in lung cancer cells. <i>Cancer Letters</i> , <b>2011</b> , 308, 134-43	9.9	45
170	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> , <b>2015</b> , 308, L1002-13	5.8	44
169	Meprin $\alpha$ a novel mediator of vascular remodelling underlying pulmonary hypertension. <i>Journal of Pathology</i> , <b>2014</b> , 233, 7-17	9.4	42
168	Hypoxia increases membrane metallo-endopeptidase expression in a novel lung cancer ex vivo model - role of tumor stroma cells. <i>BMC Cancer</i> , <b>2014</b> , 14, 40	4.8	41
167	Diagnosis of CTEPH versus IPAH using capillary to end-tidal carbon dioxide gradients. <i>European Respiratory Journal</i> , <b>2012</b> , 39, 119-24	13.6	41
166	Angiostatic factors in the pulmonary endarterectomy material from chronic thromboembolic pulmonary hypertension patients cause endothelial dysfunction. <i>PLoS ONE</i> , <b>2012</b> , 7, e43793	3.7	41
165	Pulmonary vascular resistance and clinical outcomes in patients with pulmonary hypertension: a retrospective cohort study. <i>Lancet Respiratory Medicine</i> , <b>2020</b> , 8, 873-884	35.1	41
164	Treatment of pulmonary arterial hypertension (PAH): updated Recommendations of the Cologne Consensus Conference 2011. <i>International Journal of Cardiology</i> , <b>2011</b> , 154 Suppl 1, S20-33	3.2	38
163	MicroRNAs as regulators of cisplatin-resistance in non-small cell lung carcinomas. <i>Oncotarget</i> , <b>2017</b> , 8, 115754-115773	3.3	37
162	Metered dose inhaler delivery of treprostinil for the treatment of pulmonary hypertension. <i>Pulmonary Pharmacology and Therapeutics</i> , <b>2009</b> , 22, 50-6	3.5	36
161	Increased neutrophil mediator release in patients with pulmonary hypertension--suppression by inhaled iloprost. <i>Thrombosis and Haemostasis</i> , <b>2003</b> , 90, 1141-9	7	36
160	Cardiopulmonary exercise testing for detecting pulmonary arterial hypertension in systemic sclerosis. <i>Heart</i> , <b>2017</b> , 103, 774-782	5.1	35
159	Native myocardial T1 mapping in pulmonary hypertension: correlations with cardiac function and hemodynamics. <i>European Radiology</i> , <b>2017</b> , 27, 157-166	8	34
158	Peroxisome proliferator-activated receptor- $\gamma$ the acute signaling factor in prostacyclin-induced pulmonary vasodilation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2012</b> , 46, 372-9	5.7	34

157	Targeting TMEM16A to reverse vasoconstriction and remodelling in idiopathic pulmonary arterial hypertension. <i>European Respiratory Journal</i> , <b>2019</b> , 53,	13.6	33
156	The emerging role of magnetic resonance imaging in the diagnosis and management of pulmonary hypertension. <i>Respiration</i> , <b>2008</b> , 76, 458-70	3.7	33
155	Transcriptome profiling reveals the complexity of pirfenidone effects in idiopathic pulmonary fibrosis. <i>European Respiratory Journal</i> , <b>2018</b> , 52,	13.6	33
154	Advantage of buffered solutions or automated capnometry in air-filled balloons for use in gastric tonometry. <i>Intensive Care Medicine</i> , <b>1997</b> , 23, 423-7	14.5	32
153	Diagnostic and Therapeutic Gaps in Patients With Heart Failure and Chronic Obstructive Pulmonary Disease. <i>JACC: Heart Failure</i> , <b>2019</b> , 7, 823-833	7.9	30
152	Docosahexaenoic acid-induced unfolded protein response, cell cycle arrest, and apoptosis in vascular smooth muscle cells are triggered by Ca <sup>2+</sup> -dependent induction of oxidative stress. <i>Free Radical Biology and Medicine</i> , <b>2012</b> , 52, 1786-95	7.8	30
151	Network Analysis to Risk Stratify Patients With Exercise Intolerance. <i>Circulation Research</i> , <b>2018</b> , 122, 864-876	15.7	29
150	Pressure Overload Creates Right Ventricular Diastolic Dysfunction in a Mouse Model: Assessment by Echocardiography. <i>Journal of the American Society of Echocardiography</i> , <b>2015</b> , 28, 828-43	5.8	28
149	Effect of sildenafil on hypoxia-induced changes in pulmonary circulation and right ventricular function. <i>Respiratory Physiology and Neurobiology</i> , <b>2007</b> , 159, 196-201	2.8	28
148	HbA1c in pulmonary arterial hypertension: a marker of prognostic relevance?. <i>Journal of Heart and Lung Transplantation</i> , <b>2012</b> , 31, 1109-14	5.8	27
147	Nuclear and cytoplasmic death receptor 5 as prognostic factors in patients with non-small cell lung cancer treated with chemotherapy. <i>Lung Cancer</i> , <b>2009</b> , 65, 98-104	5.9	27
146	Inhaled treprostinil [corrected] for treatment of chronic pulmonary arterial hypertension. <i>Annals of Internal Medicine</i> , <b>2006</b> , 144, 149-50	8	27
145	Long non-coding RNAs influence the transcriptome in pulmonary arterial hypertension: the role of PAXIP1-AS1. <i>Journal of Pathology</i> , <b>2019</b> , 247, 357-370	9.4	26
144	Primary pulmonary hypertension may be a heterogeneous disease with a second locus on chromosome 2q31. <i>Journal of the American College of Cardiology</i> , <b>2003</b> , 41, 2237-44	15.1	25
143	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> , <b>2018</b> , 115, 6225-6230	11.5	25
142	Inhaled iloprost for the treatment of pulmonary hypertension. <i>European Respiratory Review</i> , <b>2009</b> , 18, 29-34	9.8	24
141	Oral and intestinal Candida colonization in patients undergoing hematopoietic stem-cell transplantation. <i>Journal of Infectious Diseases</i> , <b>2008</b> , 198, 150-3	7	24
140	Effect of bupivacaine on ATP-dependent potassium channels in rat cardiomyocytes. <i>British Journal of Anaesthesia</i> , <b>1999</b> , 82, 435-8	5.4	24



139	Portopulmonary hypertension: short review. <i>European Journal of Gastroenterology and Hepatology</i> , <b>2010</b> , 22, 385-90	2.2	23
138	Disconnect between Fibrotic Response and Right Ventricular Dysfunction. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2019</b> , 199, 1550-1560	10.2	23
137	Resident cell lineages are preserved in pulmonary vascular remodeling. <i>Journal of Pathology</i> , <b>2018</b> , 244, 485-498	9.4	22
136	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> , <b>2014</b> , 88, 1076-85	5.7	22
135	TASK-1 Regulates Apoptosis and Proliferation in a Subset of Non-Small Cell Lung Cancers. <i>PLoS ONE</i> , <b>2016</b> , 11, e0157453	3.7	22
134	Pulmonary hypertension due to lung diseases: Updated recommendations from the Cologne Consensus Conference 2018. <i>International Journal of Cardiology</i> , <b>2018</b> , 272S, 63-68	3.2	21
133	Liposomal nanoparticles encapsulating iloprost exhibit enhanced vasodilation in pulmonary arteries. <i>International Journal of Nanomedicine</i> , <b>2014</b> , 9, 3249-61	7.3	21
132	Delayed processing of blood samples influences time to positivity of blood cultures and results of Gram stain-acridine orange leukocyte Cytospin test. <i>Journal of Clinical Microbiology</i> , <b>2007</b> , 45, 2691-4	9.7	21
131	ARIES-1: A PLACEBO-CONTROLLED, EFFICACY AND SAFETY STUDY OF AMBRISENTAN IN PATIENTS WITH PULMONARY ARTERIAL HYPERTENSION. <i>Chest</i> , <b>2006</b> , 130, 121S	5.3	21
130	MicroRNA-182-5p regulates hedgehog signaling pathway and chemosensitivity of cisplatin-resistant lung adenocarcinoma cells via targeting GLI2. <i>Cancer Letters</i> , <b>2020</b> , 469, 266-276	9.9	21
129	Changes in pulmonary exercise haemodynamics in scleroderma: a 4-year prospective study. <i>European Respiratory Journal</i> , <b>2017</b> , 50,	13.6	20
128	Treprostinil potentiates the positive inotropic effect of catecholamines in adult rat ventricular cardiomyocytes. <i>British Journal of Pharmacology</i> , <b>2007</b> , 151, 779-86	8.6	20
127	Enhanced hypoxic pulmonary vasoconstriction in families of adults or children with idiopathic pulmonary arterial hypertension. <i>Chest</i> , <b>2005</b> , 128, 630S-633S	5.3	20
126	Lung cGMP release subsequent to NO inhalation in pulmonary hypertension: responders versus nonresponders. <i>European Respiratory Journal</i> , <b>2002</b> , 19, 664-71	13.6	20
125	Severe microcirculatory abnormalities elicited by E. coli hemolysin in the rabbit ileum mucosa. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>1999</b> , 160, 1171-8	10.2	20
124	Right ventricular fibrosis and dysfunction: Actual concepts and common misconceptions. <i>Matrix Biology</i> , <b>2018</b> , 68-69, 507-521	11.4	19
123	Importance of kynurenine in pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2017</b> , 313, L741-L751	5.8	19
122	Distribution and prognostic significance of gluconeogenesis and glycolysis in lung cancer. <i>Molecular Oncology</i> , <b>2020</b> , 14, 2853-2867	7.9	19

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