

Henning Gall

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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.

108 papers	2,267 citations	24 h-index	44 g-index
121 ext. papers	3,424 ext. citations	6.7 avg, IF	4.68 L-index

#	Paper	IF	Citations
108	Identification of rare sequence variation underlying heritable pulmonary arterial hypertension. <i>Nature Communications</i> , 2018 , 9, 1416	17.4	182
107	Whole-genome sequencing of patients with rare diseases in a national health system. <i>Nature</i> , 2020 , 583, 96-102	50.4	139
106	Exercise training improves peak oxygen consumption and haemodynamics in patients with severe pulmonary arterial hypertension and inoperable chronic thrombo-embolic pulmonary hypertension: a prospective, randomized, controlled trial. <i>European Heart Journal</i> , 2016 , 37, 35-44	9.5	139
105	The Giessen Pulmonary Hypertension Registry: Survival in pulmonary hypertension subgroups. <i>Journal of Heart and Lung Transplantation</i> , 2017 , 36, 957-967	5.8	138
104	An epidemiological analysis of the burden of chronic thromboembolic pulmonary hypertension in the USA, Europe and Japan. <i>European Respiratory Review</i> , 2017 , 26,	9.8	95
103	Reserve of Right Ventricular-Arterial Coupling in the Setting of Chronic Overload. <i>Circulation: Heart Failure</i> , 2019 , 12, e005512	7.6	78
102	Validation of the Tricuspid Annular Plane Systolic Excursion/Systolic Pulmonary Artery Pressure Ratio for the Assessment of Right Ventricular-Arterial Coupling in Severe Pulmonary Hypertension. <i>Circulation: Cardiovascular Imaging</i> , 2019 , 12, e009047	3.9	77
101	Relevance of the TAPSE/PASP ratio in pulmonary arterial hypertension. <i>International Journal of Cardiology</i> , 2018 , 266, 229-235	3.2	65
100	Plasma proteome analysis in patients with pulmonary arterial hypertension: an observational cohort study. <i>Lancet Respiratory Medicine</i> , 2017 , 5, 717-726	35.1	62
99	Acute effects of the combination of sildenafil and inhaled treprostinil on haemodynamics and gas exchange in pulmonary hypertension. <i>Pulmonary Pharmacology and Therapeutics</i> , 2008 , 21, 824-32	3.5	57
98	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
97	Lung cancer-associated pulmonary hypertension: Role of microenvironmental inflammation based on tumor cell-immune cell cross-talk. <i>Science Translational Medicine</i> , 2017 , 9,	17.5	50
96	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
95	More on Single-Beat Estimation of Right Ventriculoarterial Coupling in Pulmonary Arterial Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 816-818	10.2	45
94	Prevalence of Pulmonary Hypertension in the General Population: The Rotterdam Study. <i>PLoS ONE</i> , 2015 , 10, e0130072	3.7	41
93	Cardiac Magnetic Resonance Imaging-Based Right Ventricular Strain Analysis for Assessment of Coupling and Diastolic Function in Pulmonary Hypertension. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 2155-2164	8.4	36
92	Metered dose inhaler delivery of treprostinil for the treatment of pulmonary hypertension. <i>Pulmonary Pharmacology and Therapeutics</i> , 2009 , 22, 50-6	3.5	36

91	Change of right heart size and function by long-term therapy with riociguat in patients with pulmonary arterial hypertension and chronic thromboembolic pulmonary hypertension. <i>International Journal of Cardiology</i> , 2015 , 195, 19-26	3.2	32
90	Doppler-Derived Renal Venous Stasis Index in the Prognosis of Right Heart Failure. <i>Journal of the American Heart Association</i> , 2019 , 8, e013584	6	30
89	Evaluation and Prognostic Relevance of Right Ventricular-Arterial Coupling in Pulmonary Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 201, 116-119	10.2	30
88	An international physician survey of chronic thromboembolic pulmonary hypertension management. <i>Pulmonary Circulation</i> , 2016 , 6, 472-482	2.7	26
87	Risk assessment in medically treated chronic thromboembolic pulmonary hypertension patients. <i>European Respiratory Journal</i> , 2018 , 52,	13.6	25
86	Riociguat for pulmonary hypertension. <i>Future Cardiology</i> , 2010 , 6, 155-66	1.3	24
85	Idiopathic pulmonary arterial hypertension phenotypes determined by cluster analysis from the COMPERA registry. <i>Journal of Heart and Lung Transplantation</i> , 2020 , 39, 1435-1444	5.8	24
84	Photoaging smartphone app promoting poster campaign to reduce smoking prevalence in secondary schools: the Smokerface Randomized Trial: design and baseline characteristics. <i>BMJ Open</i> , 2016 , 6, e014288	3	23
83	New potential diagnostic biomarkers for pulmonary hypertension. <i>European Respiratory Journal</i> , 2015 , 46, 1390-6	13.6	22
82	Effects of exercise training on pulmonary hemodynamics, functional capacity and inflammation in pulmonary hypertension. <i>Pulmonary Circulation</i> , 2017 , 7, 20-37	2.7	21
81	Right ventricular size and function under riociguat in pulmonary arterial hypertension and chronic thromboembolic pulmonary hypertension (the RIVER study). <i>Respiratory Research</i> , 2018 , 19, 258	7.3	21
80	Sex Differences in Right Ventricular-Pulmonary Arterial Coupling in Pulmonary Arterial Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 202, 1042-1046	10.2	19
79	Thin Air Resulting in High Pressure: Mountain Sickness and Hypoxia-Induced Pulmonary Hypertension. <i>Canadian Respiratory Journal</i> , 2017 , 2017, 8381653	2.1	19
78	Pulmonary Hemodynamic Response to Exercise in Chronic Thromboembolic Pulmonary Hypertension before and after Pulmonary Endarterectomy. <i>Respiration</i> , 2015 , 90, 63-73	3.7	18
77	Biomarkers of tissue remodeling predict survival in patients with pulmonary hypertension. <i>International Journal of Cardiology</i> , 2016 , 223, 821-826	3.2	18
76	Evaluation of the prognostic value of electrocardiography parameters and heart rhythm in patients with pulmonary hypertension. <i>Cardiology Journal</i> , 2016 , 23, 465-72	1.4	18
75	Right ventricular function correlates of right atrial strain in pulmonary hypertension: a combined cardiac magnetic resonance and conductance catheter study. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020 , 318, H156-H164	5.2	18
74	De Novo Truncating Mutations in WASF1 Cause Intellectual Disability with Seizures. <i>American Journal of Human Genetics</i> , 2018 , 103, 144-153	11	18

73	Decompensated right heart failure, intensive care and perioperative management in patients with pulmonary hypertension: Updated recommendations from the Cologne Consensus Conference 2018. <i>International Journal of Cardiology</i> , 2018 , 272S, 46-52	3.2	17
72	Long-term safety and outcome of intravenous treprostinil via an implanted pump in pulmonary hypertension. <i>Journal of Heart and Lung Transplantation</i> , 2018 , 37, 1235-1244	5.8	16
71	Riociguat for treatment of pulmonary hypertension in COPD: a translational study. <i>European Respiratory Journal</i> , 2019 , 53,	13.6	15
70	A comprehensive echocardiographic method for risk stratification in pulmonary arterial hypertension. <i>European Respiratory Journal</i> , 2020 , 56,	13.6	14
69	The prognostic impact of thyroid function in pulmonary hypertension. <i>Journal of Heart and Lung Transplantation</i> , 2016 , 35, 1427-1434	5.8	14
68	Procedural safety of a fully implantable intravenous prostanoid pump for pulmonary hypertension. <i>Clinical Research in Cardiology</i> , 2017 , 106, 174-182	6.1	14
67	Impaired right ventricular lusitropy is associated with ventilatory inefficiency in pulmonary arterial hypertension. <i>European Respiratory Journal</i> , 2019 , 54,	13.6	13
66	Intravenous treprostinil as an add-on therapy in patients with pulmonary arterial hypertension. <i>Journal of Heart and Lung Transplantation</i> , 2019 , 38, 748-756	5.8	13
65	A simple echocardiographic estimate of right ventricular-arterial coupling to assess severity and outcome in pulmonary hypertension on chronic lung disease. <i>European Respiratory Journal</i> , 2019 , 54,	13.6	13
64	Sildenafil versus nitric oxide for acute vasodilator testing in pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2015 , 5, 305-12	2.7	13
63	Prevalence of Mental Disorders and Impact on Quality of Life in Patients With Pulmonary Arterial Hypertension. <i>Frontiers in Psychiatry</i> , 2021 , 12, 667602	5	13
62	Acute hemodynamic effects of nebulized iloprost via the I-neb Adaptive Aerosol Delivery system in pulmonary hypertension. <i>Pulmonary Circulation</i> , 2015 , 5, 162-70	2.7	11
61	Congestive nephropathy: a neglected entity? Proposal for diagnostic criteria and future perspectives. <i>ESC Heart Failure</i> , 2021 , 8, 183-203	3.7	11
60	Nintedanib in Severe Pulmonary Arterial Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 808-810	10.2	11
59	Hemodynamic phenotyping based on exercise catheterization predicts outcome in patients with heart failure and reduced ejection fraction. <i>Journal of Heart and Lung Transplantation</i> , 2017 , 36, 880-889	5.8	10
58	Plasma MMP2/TIMP4 Ratio at Follow-up Assessment Predicts Disease Progression of Idiopathic Pulmonary Arterial Hypertension. <i>Lung</i> , 2017 , 195, 489-496	2.9	10
57	Riociguat treatment in patients with chronic thromboembolic pulmonary hypertension: Final safety data from the EXPERT registry. <i>Respiratory Medicine</i> , 2021 , 178, 106220	4.6	10
56	Real-World Switching to Riociguat: Management and Practicalities in Patients with PAH and CTEPH. <i>Lung</i> , 2018 , 196, 305-312	2.9	9

55	An international physician survey of pulmonary arterial hypertension management. <i>Pulmonary Circulation</i> , 2016 , 6, 338-46	2.7	9
54	Impact of SARS-CoV-2 pandemic on pulmonary hypertension out-patient clinics in Germany: a multi-centre study. <i>Pulmonary Circulation</i> , 2020 , 10, 2045894020941682	2.7	9
53	Bayesian Inference Associates Rare Variants with Specific Phenotypes in Pulmonary Arterial Hypertension. <i>Circulation Genomic and Precision Medicine</i> , 2020 ,	5.2	9
52	Survival with sildenafil and inhaled iloprost in a cohort with pulmonary hypertension: an observational study. <i>BMC Pulmonary Medicine</i> , 2016 , 16, 5	3.5	8
51	The Clinical Significance of HbA1c in Operable Chronic Thromboembolic Pulmonary Hypertension. <i>PLoS ONE</i> , 2016 , 11, e0152580	3.7	8
50	Multibeat Right Ventricular-Arterial Coupling during a Positive Acute Vasoreactivity Test. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 199, e41-e42	10.2	8
49	CPAP therapy improves erectile function in patients with severe obstructive sleep apnea. <i>Sleep Medicine</i> , 2019 , 53, 189-194	4.6	8
48	Enhanced circulating levels of CD3 cells-derived extracellular vesicles in different forms of pulmonary hypertension. <i>Pulmonary Circulation</i> , 2019 , 9, 2045894019864357	2.7	7
47	COMPERA 2.0: A refined 4-strata risk assessment model for pulmonary arterial hypertension. <i>European Respiratory Journal</i> , 2021 ,	13.6	7
46	Association of right atrial conduit phase with right ventricular lusitropic function in pulmonary hypertension. <i>International Journal of Cardiovascular Imaging</i> , 2020 , 36, 633-642	2.5	7
45	Temporal trends in pulmonary arterial hypertension: Results from the COMPERA registry. <i>European Respiratory Journal</i> , 2021 ,	13.6	6
44	Risk assessment in severe pulmonary hypertension due to interstitial lung disease. <i>Journal of Heart and Lung Transplantation</i> , 2020 , 39, 1118-1125	5.8	6
43	The prognostic relevance of oxygen uptake in inoperable chronic thromboembolic pulmonary hypertension. <i>Clinical Respiratory Journal</i> , 2017 , 11, 682-690	1.7	5
42	Flow rate variance of a fully implantable pump for the delivery of intravenous treprostinil in pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2020 , 10, 2045894020910136	2.7	5
41	Circulating Angiopoietin-1 Is Not a Biomarker of Disease Severity or Prognosis in Pulmonary Hypertension. <i>PLoS ONE</i> , 2016 , 11, e0165982	3.7	5
40	Advanced risk stratification of intermediate risk group in pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2020 , 10, 2045894020961739	2.7	5
39	Relevance of angiopoietin-2 and soluble P-selectin levels in patients with pulmonary arterial hypertension receiving combination therapy with oral treprostinil: a FREEDOM-C2 biomarker substudy. <i>Pulmonary Circulation</i> , 2016 , 6, 516-523	2.7	5
38	Physical Activity and Mental Health of Patients with Pulmonary Hypertension during the COVID-19 Pandemic. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	4

37	Evaluation of pulmonary hypertension by right heart catheterisation: does timing matter?. <i>European Respiratory Journal</i> , 2020 , 56,	13.6	4
36	Right ventricular pressure-volume loop shape and systolic pressure change in pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021 , 320, L715-L725	5.8	4
35	Impact of SARS-CoV-2-Pandemic on Mental Disorders and Quality of Life in Patients With Pulmonary Arterial Hypertension. <i>Frontiers in Psychiatry</i> , 2021 , 12, 668647	5	4
34	Heart rate response during 6-minute walking testing predicts outcome in operable chronic thromboembolic pulmonary hypertension. <i>BMC Pulmonary Medicine</i> , 2016 , 16, 96	3.5	4
33	Comparison of MRI and VQ-SPECT as a Screening Test for Patients With Suspected CTEPH: CHANGE-MRI Study Design and Rationale. <i>Frontiers in Cardiovascular Medicine</i> , 2020 , 7, 51	5.4	4
32	Right ventricular dyssynchrony: from load-independent right ventricular function to wall stress in severe pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2020 , 10, 2045894020925759	2.7	3
31	Measures of subclinical cardiac dysfunction and increased filling pressures associate with pulmonary arterial pressure in the general population: results from the population-based Rotterdam Study. <i>European Journal of Epidemiology</i> , 2018 , 33, 403-413	12.1	3
30	Association of galectin-3 with changes in left ventricular function in recent-onset dilated cardiomyopathy. <i>Biomarkers</i> , 2019 , 24, 652-658	2.6	3
29	Acute response to rapid iloprost inhalation using the Breelibhebulizer in pulmonary arterial hypertension: the Breelibacute study. <i>Pulmonary Circulation</i> , 2019 , 9, 2045894019875342	2.7	3
28	Validity of echocardiographic tricuspid regurgitation gradient to screen for new definition of pulmonary hypertension. <i>EClinicalMedicine</i> , 2021 , 34, 100822	11.3	3
27	Supplementation with Iron in Pulmonary Arterial Hypertension. Two Randomized Crossover Trials. <i>Annals of the American Thoracic Society</i> , 2021 , 18, 981-988	4.7	3
26	CILP1 as a biomarker for right ventricular maladaptation in pulmonary hypertension. <i>European Respiratory Journal</i> , 2021 , 57,	13.6	3
25	A novel non-invasive and echocardiography-derived method for quantification of right ventricular pressure-volume loops. <i>European Heart Journal Cardiovascular Imaging</i> , 2021 ,	4.1	3
24	Pulmonary vascular resistance predicts mortality in patients with pulmonary hypertension associated with interstitial lung disease: results from the COMPERA registry. <i>European Respiratory Journal</i> , 2021 , 58,	13.6	3
23	Inspiratory capacity is not altered in operable chronic thromboembolic pulmonary hypertension. <i>Pulmonary Circulation</i> , 2017 , 7, 543-546	2.7	2
22	Is PKM2 Phosphorylation a Prerequisite for Oligomer Disassembly in Pulmonary Arterial Hypertension?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 200, 1550-1554	10.2	2
21	Beyond interleukin-6 in right ventricular function: Evidence for another biomarker. <i>Journal of Heart and Lung Transplantation</i> , 2018 , 37, 674-675	5.8	2
20	The effective systematic heparin pre-treatment on thrombus formation on pulmonary artery catheter tips during pulmonary endarterectomy for chronic thromboembolic pulmonary hypertension: a randomized, double-blind study. <i>Journal of Thrombosis and Thrombolysis</i> , 2017 , 44, 335-340	5.1	2

19	Selexipag for the treatment of pulmonary arterial hypertension. <i>Expert Opinion on Pharmacotherapy</i> , 2016 , 17, 1825-34	4	2
18	Prevalence of Mental Disorders in Patients With Chronic Thromboembolic Pulmonary Hypertension.. <i>Frontiers in Psychiatry</i> , 2022 , 13, 821466	5	2
17	Reply to "a pediatric perspective on the TAPSE/PASP ratio in pulmonary arterial hypertension". <i>International Journal of Cardiology</i> , 2019 , 278, 240-241	3.2	1
16	SPARCL1 as a biomarker of maladaptive right ventricular remodelling in pulmonary hypertension. <i>Biomarkers</i> , 2020 , 25, 290-295	2.6	1
15	Impact of Pulmonary Arterial Hypertension on Employment, Work Productivity, and Quality of Life - Results of a Cross-Sectional Multi-Center Study.. <i>Frontiers in Psychiatry</i> , 2021 , 12, 781532	5	1
14	Clinical Relevance of Right Atrial Functional Response to Treatment in Pulmonary Arterial Hypertension.. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 775039	5.4	1
13	Biological heterogeneity in idiopathic pulmonary arterial hypertension identified through unsupervised transcriptomic profiling of whole blood. <i>Nature Communications</i> , 2021 , 12, 7104	17.4	1
12	Process Evaluation of a Medical Student-Delivered Smoking Prevention Program for Secondary Schools: Protocol for the Education Against Tobacco Cluster Randomized Trial. <i>JMIR Research Protocols</i> , 2019 , 8, e13508	2	1
11	Alterations in Doppler-derived renal venous stasis index during recompensation of right heart failure and fluid overload in a patient with pulmonary hypertension. <i>Reviews in Cardiovascular Medicine</i> , 2019 , 20, 263-266	3.9	1
10	Osteopontin and galectin-3 as biomarkers of maladaptive right ventricular remodeling in pulmonary hypertension. <i>Biomarkers in Medicine</i> , 2021 , 15, 1021-1034	2.3	1
9	Exercise Hemodynamic Profiling Is Associated With Outcome in Patients Undergoing Percutaneous Mitral Valve Repair. <i>Circulation: Cardiovascular Interventions</i> , 2021 , 14, e010453	6	1
8	Childhood Maltreatment, Mental Well-Being, and Healthy Lifestyle in Patients With Chronic Thromboembolic Pulmonary Hypertension.. <i>Frontiers in Psychiatry</i> , 2022 , 13, 821468	5	1
7	Exercise hemodynamics in heart failure patients with preserved and mid-range ejection fraction: key role of the right heart. <i>Clinical Research in Cardiology</i> , 2021 , 1	6.1	0
6	Generation of pulmonary arterial hypertension patient-specific induced pluripotent stem cell lines from three unrelated patients with a heterozygous missense mutation in exon 12, a heterozygous in-frame deletion in exon 3 and a missense mutation in exon 11 of the BMPR2 gene. <i>Stem Cell Research</i> , 2021 , 55, 102466	1.6	0
5	Relevance of Cor Pulmonale in COPD With and Without Pulmonary Hypertension: A Retrospective Cohort Study.. <i>Frontiers in Cardiovascular Medicine</i> , 2022 , 9, 826369	5.4	0
4	Childhood Trauma in Patients With PAH-Prevalence, Impact on QoL, and Mental Health-A Preliminary Report.. <i>Frontiers in Psychiatry</i> , 2022 , 13, 812862	5	
3	Reply to "Risk stratification in PH associated with interstitial lung disease: The Holy Grail?". <i>Journal of Heart and Lung Transplantation</i> , 2021 , 40, 317	5.8	
2	Deficiency of Axl aggravates pulmonary arterial hypertension via BMPR2. <i>Communications Biology</i> , 2021 , 4, 1002	6.7	

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