

Ardeschir Ghofrani

List of Publications by Year in descending order

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Version: 2024-02-01

510
papers

54,821
citations

2311

98
h-index

1489

219
g-index

580
all docs

580
docs citations

580
times ranked

25311
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic deletion of p66shc and/or cyclophilin D results in decreased pulmonary vascular tone. <i>Cardiovascular Research</i> , 2022, 118, 305-315.	1.8	8
2	A novel non-invasive and echocardiography-derived method for quantification of right ventricular pressureâ€“volume loops. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, 498-507.	0.5	22
3	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> , 2022, 111, 393-405.	1.5	5
4	Temporal trends in pulmonary arterial hypertension: results from the COMPERA registry. <i>European Respiratory Journal</i> , 2022, 59, 2102024.	3.1	57
5	Risk assessment in pulmonary hypertension based on routinely measured laboratory parameters. <i>Journal of Heart and Lung Transplantation</i> , 2022, 41, 400-410.	0.3	12
6	COMPERA 2.0: a refined four-stratum risk assessment model for pulmonary arterial hypertension. <i>European Respiratory Journal</i> , 2022, 60, 2102311.	3.1	124
7	Targeting peptidyl-prolyl isomerase 1 in experimental pulmonary arterial hypertension. <i>European Respiratory Journal</i> , 2022, 60, 2101698.	3.1	5
8	Childhood Trauma in Patients With PAHâ€“Prevalence, Impact on QoL, and Mental Healthâ€“A Preliminary Report. <i>Frontiers in Psychiatry</i> , 2022, 13, 812862.	1.3	0
9	Refined risk stratification in pulmonary arterial hypertension and timing of lung transplantation. <i>European Respiratory Journal</i> , 2022, 60, 2103087.	3.1	7
10	Childhood Maltreatment, Mental Well-Being, and Healthy Lifestyle in Patients With Chronic Thromboembolic Pulmonary Hypertension. <i>Frontiers in Psychiatry</i> , 2022, 13, 821468.	1.3	1
11	Relevance of Cor Pulmonale in COPD With and Without Pulmonary Hypertension: A Retrospective Cohort Study. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 826369.	1.1	8
12	Prevalence of Mental Disorders in Patients With Chronic Thromboembolic Pulmonary Hypertension. <i>Frontiers in Psychiatry</i> , 2022, 13, 821466.	1.3	7
13	Unmasking right ventricular-arterial uncoupling during fluid challenge in pulmonary hypertension. <i>Journal of Heart and Lung Transplantation</i> , 2022, 41, 345-355.	0.3	12
14	SPARC, a Novel Regulator of Vascular Cell Function in Pulmonary Hypertension. <i>Circulation</i> , 2022, 145, 916-933.	1.6	21
15	Inhaled Iloprost Improves Right Ventricular Loadâ€“Independent Contractility in Pulmonary Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 206, 111-114.	2.5	10
16	Metacognitions in Patients With Frequent Mental Disorders After Diagnosis of Pulmonary Arterial Hypertension. <i>Frontiers in Psychiatry</i> , 2022, 13, 812812.	1.3	2
17	Profiles and treatment patterns of patients with pulmonary arterial hypertension on monotherapy at experienced centres. <i>ESC Heart Failure</i> , 2022, 9, 2873-2885.	1.4	5
18	Phenotyping of idiopathic pulmonary arterial hypertension: a registry analysis. <i>Lancet Respiratory Medicine</i> , 2022, 10, 937-948.	5.2	57

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19	Mitochondrial Respiration in Peripheral Blood Mononuclear Cells Negatively Correlates with Disease Severity in Pulmonary Arterial Hypertension. <i>Journal of Clinical Medicine</i> , 2022, 11, 4132.	1.0	7
20	Amelioration of elastase-induced lung emphysema and reversal of pulmonary hypertension by pharmacological iNOS inhibition in mice. <i>British Journal of Pharmacology</i> , 2021, 178, 152-171.	2.7	17
21	Current and future treatments of pulmonary arterial hypertension. <i>British Journal of Pharmacology</i> , 2021, 178, 6-30.	2.7	104
22	CILP1 as a biomarker for right ventricular maladaptation in pulmonary hypertension. <i>European Respiratory Journal</i> , 2021, 57, 1901192.	3.1	15
23	Congestive nephropathy: a neglected entity? Proposal for diagnostic criteria and future perspectives. <i>ESC Heart Failure</i> , 2021, 8, 183-203.	1.4	82
24	Right heart failure in pulmonary hypertension: Diagnosis and new perspectives on vascular and direct right ventricular treatment. <i>British Journal of Pharmacology</i> , 2021, 178, 90-107.	2.7	40
25	Pulmonary Hypertension in Acute and Chronic High Altitude Maladaptation Disorders. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1692.	1.2	43
26	Therapeutic Potential of Regorafenib—A Multikinase Inhibitor in Pulmonary Hypertension. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1502.	1.8	4
27	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.	0.3	0
28	Validity of echocardiographic tricuspid regurgitation gradient to screen for new definition of pulmonary hypertension. <i>EClinicalMedicine</i> , 2021, 34, 100822.	3.2	22
29	Prevalence of Mental Disorders and Impact on Quality of Life in Patients With Pulmonary Arterial Hypertension. <i>Frontiers in Psychiatry</i> , 2021, 12, 667602.	1.3	30
30	Protein expression profiling suggests relevance of noncanonical pathways in isolated pulmonary embolism. <i>Blood</i> , 2021, 137, 2681-2693.	0.6	11
31	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.	1.3	21
32	Switching to riociguat versus maintenance therapy with phosphodiesterase-5 inhibitors in patients with pulmonary arterial hypertension (REPLACE): a multicentre, open-label, randomised controlled trial. <i>Lancet Respiratory Medicine</i> , 2021, 9, 573-584.	5.2	85
33	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.	1.3	9
34	Metabolic Reprogramming in Congenital Cyanotic Heart Disease: Another Fight in Puberty?. <i>Circulation</i> , 2021, 143, 2273-2276.	1.6	2
35	PINK1-mediated Mitophagy Contributes to Pulmonary Vascular Remodeling in Pulmonary Hypertension. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021, 65, 226-228.	1.4	9
36	Deficiency of Axl aggravates pulmonary arterial hypertension via BMPR2. <i>Communications Biology</i> , 2021, 4, 1002.	2.0	3

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37	Osteopontin and galectin-3 as biomarkers of maladaptive right ventricular remodeling in pulmonary hypertension. <i>Biomarkers in Medicine</i> , 2021, 15, 1021-1034.	0.6	6
38	Exercise Hemodynamic Profiling Is Associated With Outcome in Patients Undergoing Percutaneous Mitral Valve Repair. <i>Circulation: Cardiovascular Interventions</i> , 2021, 14, e010453.	1.4	3
39	Impairment of hypoxic pulmonary vasoconstriction in acute respiratory distress syndrome. <i>European Respiratory Review</i> , 2021, 30, 210059.	3.0	16
40	Medical treatment of pulmonary hypertension in adults with congenital heart disease: updated and extended results from the International COMPERA-CHD Registry. <i>Cardiovascular Diagnosis and Therapy</i> , 2021, 11, 1255-1268.	0.7	8
41	ERS statement on chronic thromboembolic pulmonary hypertension. <i>European Respiratory Journal</i> , 2021, 57, 2002828.	3.1	287
42	TORREY, a Phase 2 study to evaluate the efficacy and safety of inhaled seralutinib for the treatment of pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2021, 11, 1-7.	0.8	24
43	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.	1.3	5
44	Clinical Relevance of Right Atrial Functional Response to Treatment in Pulmonary Arterial Hypertension. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 775039.	1.1	3
45	Switching to riociguat: a potential treatment strategy for the management of CTEPH and PAH. <i>Pulmonary Circulation</i> , 2020, 10, 1-12.	0.8	6
46	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.	2.5	68
47	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.	0.7	16
48	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.	1.5	42
49	Advanced risk stratification of intermediate risk group in pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2020, 10, 1-5.	0.8	14
50	IRAG1 Deficient Mice Develop PKG1 β Dependent Pulmonary Hypertension. <i>Cells</i> , 2020, 9, 2280.	1.8	7
51	Effects of macitentan and tadalafil monotherapy or their combination on the right ventricle and plasma metabolites in pulmonary hypertensive rats. <i>Pulmonary Circulation</i> , 2020, 10, 1-16.	0.8	9
52	Impact of SARS-CoV-2 pandemic on pulmonary hypertension out-patient clinics in Germany: a multi-centre study. <i>Pulmonary Circulation</i> , 2020, 10, 1-3.	0.8	15
53	Risk assessment in severe pulmonary hypertension due to interstitial lung disease. <i>Journal of Heart and Lung Transplantation</i> , 2020, 39, 1118-1125.	0.3	15
54	Genetic Deficiency and Pharmacological Stabilization of Mast Cells Ameliorate Pressure Overload-Induced Maladaptive Right Ventricular Remodeling in Mice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9099.	1.8	5

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55	Physical Activity and Mental Health of Patients with Pulmonary Hypertension during the COVID-19 Pandemic. <i>Journal of Clinical Medicine</i> , 2020, 9, 4023.	1.0	14
56	Evaluation of pulmonary hypertension by right heart catheterisation: does timing matter?. <i>European Respiratory Journal</i> , 2020, 56, 1901892.	3.1	9
57	A comprehensive echocardiographic method for risk stratification in pulmonary arterial hypertension. <i>European Respiratory Journal</i> , 2020, 56, 2000513.	3.1	42
58	Pulmonary Hypertension in Adults with Congenital Heart Disease: Real-World Data from the International COMPERA-CHD Registry. <i>Journal of Clinical Medicine</i> , 2020, 9, 1456.	1.0	21
59	Sex Differences in Right Ventricularâ€Pulmonary Arterial Coupling in Pulmonary Arterial Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 1042-1046.	2.5	48
60	Influence of gender in monocrotaline and chronic hypoxia induced pulmonary hypertension in obese rats and mice. <i>Respiratory Research</i> , 2020, 21, 136.	1.4	5
61	NADPH oxidase subunit NOXO1 is a target for emphysema treatment in COPD. <i>Nature Metabolism</i> , 2020, 2, 532-546.	5.1	23
62	Cytochrome P450 epoxygenaseâ€derived 5,6â€epoxyeicosatrienoic acid relaxes pulmonary arteries in normoxia but promotes sustained pulmonary vasoconstriction in hypoxia. <i>Acta Physiologica</i> , 2020, 230, e13521.	1.8	9
63	Yarsagumba is a Promising Therapeutic Option for Treatment of Pulmonary Hypertension due to the Potent Anti-Proliferative and Vasorelaxant Properties. <i>Medicina (Lithuania)</i> , 2020, 56, 131.	0.8	5
64	Flow rate variance of a fully implantable pump for the delivery of intravenous treprostinil in pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2020, 10, 1-5.	0.8	6
65	FHL-1 is not involved in pressure overload-induced maladaptive right ventricular remodeling and dysfunction. <i>Basic Research in Cardiology</i> , 2020, 115, 17.	2.5	17
66	Right ventricular dyssynchrony: from load-independent right ventricular function to wall stress in severe pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2020, 10, 204589402092575.	0.8	5
67	SPARCL1 as a biomarker of maladaptive right ventricular remodelling in pulmonary hypertension. <i>Biomarkers</i> , 2020, 25, 290-295.	0.9	11
68	Bypassing mitochondrial complex III using alternative oxidase inhibits acute pulmonary oxygen sensing. <i>Science Advances</i> , 2020, 6, eaba0694.	4.7	39
69	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.	1.1	16
70	Reply to Bogaard et al.: Emphysema Isâ€at the Mostâ€Only a Mild Phenotype in the Sugden/Hypoxia Rat Model of Pulmonary Arterial Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 1450-1452.	2.5	4
71	Enhanced circulating levels of CD3 cellsâ€derived extracellular vesicles in different forms of pulmonary hypertension. <i>Pulmonary Circulation</i> , 2019, 9, 1-4.	0.8	11
72	Acute response to rapid iloprost inhalation using the Breelibâ„¢ nebulizer in pulmonary arterial hypertension: the Breelibâ„¢ acute study. <i>Pulmonary Circulation</i> , 2019, 9, 1-3.	0.8	4

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73	Is PKM2 Phosphorylation a Prerequisite for Oligomer Disassembly in Pulmonary Arterial Hypertension?. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 1550-1554.	2.5	8
74	Pulmonary Vascular Pressure Response to Acute Cold Exposure in Kyrgyz Highlanders. High Altitude Medicine and Biology, 2019, 20, 375-382.	0.5	3
75	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. Circulation: Cardiovascular Imaging, 2019, 12, e009047.	1.3	222
76	Impaired right ventricular lusitropy is associated with ventilatory inefficiency in pulmonary arterial hypertension. European Respiratory Journal, 2019, 54, 1900342.	3.1	21
77	Clinical outcomes stratified by baseline functional class after initial combination therapy for pulmonary arterial hypertension. Respiratory Research, 2019, 20, 208.	1.4	16
78	Stem/Progenitor Cells in Cardiopulmonary Health, Disease, and Treatment. Stem Cells International, 2019, 2019, 1-4.	1.2	2
79	Integrating Data From Randomized Controlled Trials and Observational Studies to Assess Survival in Rare Diseases. Circulation: Cardiovascular Quality and Outcomes, 2019, 12, e005095.	0.9	8
80	Cardiopulmonary haemodynamics in portopulmonary hypertension. Lancet Respiratory Medicine, the, 2019, 7, 556-558.	5.2	3
81	Intravenous treprostinil as an add-on therapy in patients with pulmonary arterial hypertension. Journal of Heart and Lung Transplantation, 2019, 38, 748-756.	0.3	29
82	Right ventricular function in pulmonary (arterial) hypertension. Herz, 2019, 44, 509-516.	0.4	17
83	Targeting cyclin-dependent kinases for the treatment of pulmonary arterial hypertension. Nature Communications, 2019, 10, 2204.	5.8	69
84	A simple echocardiographic estimate of right ventricular-arterial coupling to assess severity and outcome in pulmonary hypertension on chronic lung disease. European Respiratory Journal, 2019, 54, 1802435.	3.1	30
85	Severe Emphysema in the SU5416/Hypoxia Rat Model of Pulmonary Hypertension. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 515-518.	2.5	20
86	Altered proteasome function in right ventricular hypertrophy. Cardiovascular Research, 2019, 116, 406-415.	1.8	9
87	Suppressor of Tumorigenicity 2 as a Biomarker in Pulmonary Arterial Hypertension and its Association with REVEAL Risk Score in Riociguat-Treated Patients in the RESPITE Study. Journal of Heart and Lung Transplantation, 2019, 38, S96.	0.3	0
88	Circulating Apoptotic Signals During Acute and Chronic Exposure to High Altitude in Kyrgyz Population. Frontiers in Physiology, 2019, 10, 54.	1.3	9
89	Protection against pressure overload-induced right heart failure by uncoupling protein 2 silencing. Cardiovascular Research, 2019, 115, 1217-1227.	1.8	16
90	Cardiac Magnetic Resonance Imaging-Based Right Ventricular Strain Analysis for Assessment of Coupling and Diastolic Function in Pulmonary Hypertension. JACC: Cardiovascular Imaging, 2019, 12, 2155-2164.	2.3	75

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91	Association of N-Terminal Pro Brain Natriuretic Peptide and Long-Term Outcome in Patients With Pulmonary Arterial Hypertension. <i>Circulation</i> , 2019, 139, 2440-2450.	1.6	67
92	Riociguat for treatment of pulmonary hypertension in COPD: a translational study. <i>European Respiratory Journal</i> , 2019, 53, 1802445.	3.1	25
93	Risk assessment in pulmonary arterial hypertension and chronic thromboembolic pulmonary hypertension. <i>European Respiratory Journal</i> , 2019, 53, 1802004.	3.1	68
94	Reply to "œa pediatric perspective on the TAPSE/PASP ratio in pulmonary arterial hypertension" International Journal of Cardiology, 2019, 278, 240-241.	0.8	1
95	Response by Tello et al to Letter Regarding Article, "œValidation of the Tricuspid Annular Plane Systolic Excursion/Systolic Pulmonary Artery Pressure Ratio for the Assessment of Right Ventricular-Arterial Coupling in Severe Pulmonary Hypertension" Circulation: Cardiovascular Imaging, 2019, 12, e010059.	1.3	13
96	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.	5.2	122
97	Evidence for the Fucoïdan/P-Selectin Axis as a Therapeutic Target in Hypoxia-induced Pulmonary Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 1407-1420.	2.5	39
98	Initial combination therapy with ambrisentan + tadafafil on pulmonary arterial hypertension-related hospitalization in the AMBITION trial. <i>Journal of Heart and Lung Transplantation</i> , 2019, 38, 194-202.	0.3	19
99	Subcutaneous treprostinil: a new treatment for chronic thromboembolic pulmonary hypertension?. <i>Lancet Respiratory Medicine</i> , 2019, 7, 191-193.	5.2	1
100	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.	2.5	8
101	Selexipag treatment for pulmonary arterial hypertension associated with congenital heart disease after defect correction: insights from the randomised controlled GRIPHON study. <i>European Journal of Heart Failure</i> , 2019, 21, 352-359.	2.9	40
102	Reserve of Right Ventricular-Arterial Coupling in the Setting of Chronic Overload. <i>Circulation: Heart Failure</i> , 2019, 12, e005512.	1.6	158
103	Treatment with low-dose tacrolimus inhibits bleeding complications in a patient with hereditary hemorrhagic telangiectasia and pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2019, 9, 1-3.	0.8	34
104	Chronic thromboembolic pulmonary hypertension. <i>European Respiratory Journal</i> , 2019, 53, 1801915.	3.1	607
105	Nitric Oxide Synthase 2 Induction Promotes Right Ventricular Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 60, 346-356.	1.4	20
106	REVEAL risk score in patients with chronic thromboembolic pulmonary hypertension receiving riociguat. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 836-843.	0.3	29
107	Identification of rare sequence variation underlying heritable pulmonary arterial hypertension. <i>Nature Communications</i> , 2018, 9, 1416.	5.8	279
108	Telomerecat: A ploidy-agnostic method for estimating telomere length from whole genome sequencing data. <i>Scientific Reports</i> , 2018, 8, 1300.	1.6	48

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109	Impact of the mitochondria-targeted antioxidant MitoQ on hypoxia-induced pulmonary hypertension. <i>European Respiratory Journal</i> , 2018, 51, 1701024.	3.1	64
110	Pulmonary Arterial Hypertension-Related Morbidity Is Prognostic for Mortality. <i>Journal of the American College of Cardiology</i> , 2018, 71, 752-763.	1.2	82
111	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.	2.5	3
112	Targeting the Prostacyclin Pathway with Selexipag in Patients with Pulmonary Arterial Hypertension Receiving Double Combination Therapy: Insights from the Randomized Controlled GRIPHON Study. <i>American Journal of Cardiovascular Drugs</i> , 2018, 18, 37-47.	1.0	69
113	Balloon pulmonary angioplasty for inoperable patients with chronic thromboembolic disease. <i>Pulmonary Circulation</i> , 2018, 8, 1-6.	0.8	54
114	Beyond interleukin-6 in right ventricular function: Evidence for another biomarker. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 674-675.	0.3	2
115	Eplerenone attenuates pathological pulmonary vascular rather than right ventricular remodeling in pulmonary arterial hypertension. <i>BMC Pulmonary Medicine</i> , 2018, 18, 41.	0.8	46
116	Riociguat treatment for portopulmonary hypertension: a subgroup analysis from the PATENT-1/2 studies. <i>Pulmonary Circulation</i> , 2018, 8, 1-4.	0.8	26
117	Short-term venoarterial extracorporeal membrane oxygenation for massive endobronchial hemorrhage after pulmonary endarterectomy. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 643-649.	0.4	33
118	Temporary treatment interruptions with oral selexipag in pulmonary arterial hypertension: Insights from the Prostacyclin (PGI ₂) Receptor Agonist in Pulmonary Arterial Hypertension (GRIPHON) study. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 401-408.	0.3	15
119	ASK1 Inhibition Halts Disease Progression in Preclinical Models of Pulmonary Arterial Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 373-385.	2.5	78
120	REVEAL risk scores applied to riociguat-treated patients in PATENT-2: Impact of changes in risk score on survival. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 513-519.	0.3	29
121	Response to: Comment on "Effect of Riociguat and Sildenafil on Right Heart Remodeling and Function in Pressure Overload Induced Model of Pulmonary Arterial Banding". <i>BioMed Research International</i> , 2018, 2018, 1-2.	0.9	0
122	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.	1.4	39
123	Evaluating Systolic and Diastolic Cardiac Function in Rodents Using Microscopic Computed Tomography. <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, e007653.	1.3	10
124	EFFECT OF RIOCIGUAT ON RIGHT VENTRICULAR FUNCTION IN PATIENTS WITH CHRONIC THROMBOEMBOLIC PULMONARY HYPERTENSION. <i>Chest</i> , 2018, 154, 1065A-1066A.	0.4	0
125	Cologne consensus conference on pulmonary hypertension "Update 2018. <i>International Journal of Cardiology</i> , 2018, 272, 1-3.	0.8	10
126	EFFECT OF RIOCIGUAT ON RIGHT VENTRICULAR FUNCTION IN PATIENTS WITH PULMONARY ARTERIAL HYPERTENSION. <i>Chest</i> , 2018, 154, 1062A-1064A.	0.4	0

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127	Targeted therapy of pulmonary arterial hypertension: Updated recommendations from the Cologne Consensus Conference 2018. <i>International Journal of Cardiology</i> , 2018, 272, 37-45.	0.8	56
128	Exercise right heart catheterisation before and after pulmonary endarterectomy in patients with chronic thromboembolic disease. <i>European Respiratory Journal</i> , 2018, 52, 1800458.	3.1	57
129	Nintedanib in Severe Pulmonary Arterial Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 808-810.	2.5	17
130	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.	2.5	63
131	De Novo Truncating Mutations in WASF1 Cause Intellectual Disability with Seizures. <i>American Journal of Human Genetics</i> , 2018, 103, 144-153.	2.6	36
132	Effect of Riociguat and Sildenafil on Right Heart Remodeling and Function in Pressure Overload Induced Model of Pulmonary Arterial Banding. <i>BioMed Research International</i> , 2018, 2018, 1-9.	0.9	29
133	Hypoxic pulmonary vasoconstriction in isolated mouse pulmonary arterial vessels. <i>Experimental Physiology</i> , 2018, 103, 1185-1191.	0.9	14
134	Sequential treatment with riociguat and balloon pulmonary angioplasty for patients with inoperable chronic thromboembolic pulmonary hypertension. <i>Pulmonary Circulation</i> , 2018, 8, 1-7.	0.8	44
135	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.	0.3	26
136	Inflammatory Mediators Drive Adverse Right Ventricular Remodeling and Dysfunction and Serve as Potential Biomarkers. <i>Frontiers in Physiology</i> , 2018, 9, 609.	1.3	42
137	Switching inhaled iloprost formulations in patients with pulmonary arterial hypertension: the VENTASWITCH Trial. <i>Pulmonary Circulation</i> , 2018, 8, 1-7.	0.8	5
138	Relevance of the TAPSE/PASP ratio in pulmonary arterial hypertension. <i>International Journal of Cardiology</i> , 2018, 266, 229-235.	0.8	154
139	Association between six-minute walk distance and long-term outcomes in patients with pulmonary arterial hypertension: Data from the randomized SERAPHIN trial. <i>PLoS ONE</i> , 2018, 13, e0193226.	1.1	33
140	Effects on Right Ventricular size and function by Riociguat in Pulmonary Arterial Hypertension and Chronic Thromboembolic Pulmonary Hypertension (The RIVER Study). , 2018, , .		0
141	PEGASUS - the effects of commercial air travel on patients suffering from pulmonary hypertension - a prospective, multicenter, multinational study. , 2018, , .		0
142	Acute response of iloprost inhalation using the Breelib nebulizer in pulmonary arterial hypertension: the Breelib acute study. , 2018, , .		0
143	Acute hemodynamic effects of riociguat in pulmonary arterial hypertension and chronic thromboembolic pulmonary hypertension. , 2018, , .		2
144	Effects of electronic cigarette aerosol on isolated murine lung cells and bronchoalveolar lavage fluid. , 2018, , .		0

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145	Diagnostic accuracy of echocardiography in pulmonary hypertension due to interstitial lung disease. , 2018, , .		0
146	EARLIER: End tidal carbon dioxide for earlier detection of pulmonary hypertension. , 2018, , .		0
147	The prognostic relevance of oxygen uptake in inoperable chronic thromboembolic pulmonary hypertension. <i>Clinical Respiratory Journal</i> , 2017, 11, 682-690.	0.6	7
148	Riociguat: Mode of Action and Clinical Development in Pulmonary Hypertension. <i>Chest</i> , 2017, 151, 468-480.	0.4	79
149	Comparison of hemodynamic parameters in treatment-naïve and pre-treated patients with pulmonary arterial hypertension in the randomized phase III PATENT-1 study. <i>Journal of Heart and Lung Transplantation</i> , 2017, 36, 509-519.	0.3	22
150	The Giessen Pulmonary Hypertension Registry: Survival in pulmonary hypertension subgroups. <i>Journal of Heart and Lung Transplantation</i> , 2017, 36, 957-967.	0.3	221
151	Initial combination therapy with ambrisentan and tadalafil in connective tissue disease-associated pulmonary arterial hypertension (CTD-PAH): subgroup analysis from the AMBITION trial. <i>Annals of the Rheumatic Diseases</i> , 2017, 76, 1219-1227.	0.5	135
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209	Prolonged vasodilatory response to nanoencapsulated sildenafil in pulmonary hypertension. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 63-68.	1.7	19
210	Effects of carbon monoxide-releasing molecules on pulmonary vasoreactivity in isolated perfused lungs. <i>Journal of Applied Physiology</i> , 2016, 120, 271-281.	1.2	9
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237	Pulmonary Hemodynamic Response to Exercise in Chronic Thromboembolic Pulmonary Hypertension before and after Pulmonary Endarterectomy. <i>Respiration</i> , 2015, 90, 63-73.	1.2	21
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301	Left ventricular systolic dysfunction associated with pulmonary hypertension riociguat trial (LEPHT): rationale and design. <i>European Journal of Heart Failure</i> , 2012, 14, 946-953.	2.9	25
302	Diagnosis of CTEPH versus IPAH using capillary to end-tidal carbon dioxide gradients. <i>European Respiratory Journal</i> , 2012, 39, 119-124.	3.1	60
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470	Downregulation of hypoxic vasoconstriction by chronic hypoxia in rabbits: effects of nitric oxide. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003, 284, H931-H938.	1.5	34
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472	Effects of Mitochondrial Inhibitors and Uncouplers on Hypoxic Vasoconstriction in Rabbit Lungs. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2003, 29, 721-732.	1.4	51
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476	Lung cGMP release subsequent to NO inhalation in pulmonary hypertension: responders versus nonresponders. <i>European Respiratory Journal</i> , 2002, 19, 664-671.	3.1	24
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483	Mediator generation and signaling events in alveolar epithelial cells attacked by <i>S. aureus</i> toxin. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2002, 282, L207-L214.	1.3	57
484	Sildenafil for treatment of lung fibrosis and pulmonary hypertension: a randomised controlled trial. <i>Lancet</i> , The, 2002, 360, 895-900.	6.3	720
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