

Manuel J Richter

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

1,341
citations

430442

18
h-index

377514

34
g-index

55
all docs

55
docs citations

55
times ranked

1233
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.3	222
2	Reserve of Right Ventricular-Arterial Coupling in the Setting of Chronic Overload. <i>Circulation: Heart Failure</i> , 2019, 12, e005512.	1.6	158
3	Relevance of the TAPSE/PASP ratio in pulmonary arterial hypertension. <i>International Journal of Cardiology</i> , 2018, 266, 229-235.	0.8	154
4	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.	2.3	75
5	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
6	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
7	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
8	Effects of exercise training on pulmonary hemodynamics, functional capacity and inflammation in pulmonary hypertension. <i>Pulmonary Circulation</i> , 2017, 7, 20-37.	0.8	33
9	Thin Air Resulting in High Pressure: Mountain Sickness and Hypoxia-Induced Pulmonary Hypertension. <i>Canadian Respiratory Journal</i> , 2017, 2017, 1-17.	0.8	32
10	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, 1802435.	3.1	30
11	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
12	Dynamic hyperinflation during exercise in patients with precapillary pulmonary hypertension. <i>Respiratory Medicine</i> , 2012, 106, 308-313.	1.3	29
13	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.	0.3	29
14	Supplementation with Iron in Pulmonary Arterial Hypertension. Two Randomized Crossover Trials. <i>Annals of the American Thoracic Society</i> , 2021, 18, 981-988.	1.5	28
15	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
16	The prognostic impact of thyroid function in pulmonary hypertension. <i>Journal of Heart and Lung Transplantation</i> , 2016, 35, 1427-1434.	0.3	25
17	A novel non-invasive and echocardiography-derived method for quantification of right ventricular pressure-volume loops. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, 498-507.	0.5	22
18	Validity of echocardiographic tricuspid regurgitation gradient to screen for new definition of pulmonary hypertension. <i>EClinicalMedicine</i> , 2021, 34, 100822.	3.2	22

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19	Impaired right ventricular lusitropy is associated with ventilatory inefficiency in pulmonary arterial hypertension. <i>European Respiratory Journal</i> , 2019, 54, 1900342.	3.1	21
20	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
21	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
22	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
23	CILP1 as a biomarker for right ventricular maladaptation in pulmonary hypertension. <i>European Respiratory Journal</i> , 2021, 57, 1901192.	3.1	15
24	Response by Tello et al to Letter Regarding Article, "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, e010059.	1.3	13
25	Acute Hemodynamic Effects of Nebulized Iloprost via the Neb Adaptive Aerosol Delivery System in Pulmonary Hypertension. <i>Pulmonary Circulation</i> , 2015, 5, 162-170.	0.8	12
26	When it all comes down to pressure: right ventricular ejection fraction at cardiac catheterisation. <i>European Respiratory Journal</i> , 2020, 55, 1902341.	3.1	12
27	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
28	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
29	SPARCL1 as a biomarker of maladaptive right ventricular remodelling in pulmonary hypertension. <i>Biomarkers</i> , 2020, 25, 290-295.	0.9	11
30	Effects of BPA on right ventricular mechanical dysfunction in patients with inoperable CTEPH – A cardiac magnetic resonance study. <i>European Journal of Radiology</i> , 2022, 147, 110111.	1.2	11
31	Exercise right heart catheterization before and after balloon pulmonary angioplasty in inoperable patients with chronic thromboembolic pulmonary hypertension. <i>Pulmonary Circulation</i> , 2020, 10, 1-9.	0.8	9
32	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
33	Multibeam 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
34	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
35	Relevance of Angiotensin II and Soluble P-selectin Levels in Patients with Pulmonary Arterial Hypertension Receiving Combination Therapy with Oral Treprostinil: A FREEDOM-2 Biomarker Substudy. <i>Pulmonary Circulation</i> , 2016, 6, 516-523.	0.8	7
36	Prevalence of Mental Disorders in Patients With Chronic Thromboembolic Pulmonary Hypertension. <i>Frontiers in Psychiatry</i> , 2022, 13, 821466.	1.3	7

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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	Evaluation of Clinical Outcomes and Simultaneous Digital Tracking of Daily Physical Activity, Heart Rate, and Inhalation Behavior in Patients With Pulmonary Arterial Hypertension Treated With Inhaled Iloprost: Protocol for the Observational VENTASTEP Study. <i>JMIR Research Protocols</i> , 2019, 8, e12144.	0.5	6
39	Digital Tracking of Physical Activity, Heart Rate, and Inhalation Behavior in Patients With Pulmonary Arterial Hypertension Treated With Inhaled Iloprost: Observational Study (VENTASTEP). <i>Journal of Medical Internet Research</i> , 2021, 23, e25163.	2.1	6
40	Switching inhaled iloprost formulations in patients with pulmonary arterial hypertension: the VENTASWITCH Trial. <i>Pulmonary Circulation</i> , 2018, 8, 1-7.	0.8	5
41	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
42	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
43	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
44	Acute Impact of Prone Positioning on the Right Ventricle in COVID-19-Associated Acute Respiratory Distress Syndrome. <i>Circulation: Heart Failure</i> , 2021, 14, e008810.	1.6	4
45	Application and Validation of the Tricuspid Annular Plane Systolic Excursion/Systolic Pulmonary Artery Pressure Ratio in Patients with Ischemic and Non-Ischemic Cardiomyopathy. <i>Diagnostics</i> , 2021, 11, 2188.	1.3	4
46	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
47	Health Disparities and Differences in Health-Care-Utilization in Patients With Pulmonary Arterial Hypertension. <i>Frontiers in Psychiatry</i> , 2022, 13, 813506.	1.3	3
48	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
49	Metacognitions in Patients With Frequent Mental Disorders After Diagnosis of Pulmonary Arterial Hypertension. <i>Frontiers in Psychiatry</i> , 2022, 13, 812812.	1.3	2
50	Reply to "A pediatric perspective on the TAPSE/PASP ratio in pulmonary arterial hypertension". <i>International Journal of Cardiology</i> , 2019, 278, 240-241.	0.8	1
51	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
52	Childhood Trauma in Patients With PAH: Prevalence, Impact on QoL, and Mental Health: A Preliminary Report. <i>Frontiers in Psychiatry</i> , 2022, 13, 812862.	1.3	0
53	Response by Kremer et al to Letter Regarding Article, "Acute Impact of Prone Positioning on the Right Ventricle in COVID-19-Associated Acute Respiratory Distress Syndrome". <i>Circulation: Heart Failure</i> , 2022, , CIRCHEARTFAILURE121009371.	1.6	0