Stephan Rosenkranz

List of Publications by Year
in descending order

110 papers	10,464 citations	41344 49 h-index	33894 99 g-index
124 all docs	124 docs citations	124 times ranked	13161 citing authors

#	Article	IF	Citations
1	COVID-19 and Thrombotic or Thromboembolic Disease: Implications for Prevention, Antithrombotic Therapy, and Follow-Up. Journal of the American College of Cardiology, 2020, 75, 2950-2973.	2.8	2,392
2	Mortality in pulmonary arterial hypertension: prediction by the 2015 European pulmonary hypertension guidelines risk stratification model. European Respiratory Journal, 2017, 50, 1700740.	6.7	489
3	Left ventricular heart failure and pulmonary hypertension. European Heart Journal, 2016, 37, 942-954.	2.2	486
4	Pulmonary Arterial Hypertension. Journal of the American College of Cardiology, 2013, 62, D51-D59.	2.8	432
5	Pulmonary hypertension due to left heartÂdisease. European Respiratory Journal, 2019, 53, 1801897.	6.7	389
6	Elderly patients diagnosed with idiopathic pulmonary arterial hypertension: Results from the COMPERA registry. International Journal of Cardiology, 2013, 168, 871-880.	1.7	357
7	Anticoagulation and Survival in Pulmonary Arterial Hypertension. Circulation, 2014, 129, 57-65.	1.6	317
8	Pre-Capillary, Combined, and Post-Capillary Pulmonary Hypertension. Journal of the American College of Cardiology, 2016, 68, 368-378.	2.8	244
9	An official European Respiratory Society statement: pulmonary haemodynamics during exercise. European Respiratory Journal, 2017, 50, 1700578.	6.7	222
10	Acute Hemodynamic Effects of Riociguat in Patients With Pulmonary Hypertension Associated With Diastolic Heart Failure (DILATE-1). Chest, 2014, 146, 1274-1285.	0.8	214
11	Pharmacological Agents Targeting Thromboinflammation in COVID-19: Review and Implications for Future Research. Thrombosis and Haemostasis, 2020, 120, 1004-1024.	3.4	206
12	Evidence for Distinct Signaling Properties and Biological Responses Induced by the PDGF Receptor Î± and Î² Subtypes. Growth Factors, 1999, 16, 201-216.	1.7	190
13	Predictors of Permanent Pacemaker Implantation After Transcatheter Aortic Valve Replacement With the SAPIEN 3. JACC: Cardiovascular Interventions, 2016, 9, 2200-2209.	2.9	173
14	Right heart catheterisation: best practice and pitfalls in pulmonary hypertension. European Respiratory Review, 2015, 24, 642-652.	7.1	147
15	Pulmonary artery pressureâ€guided therapy in ambulatory patients with symptomatic heart failure: the <scp>CardioMEMS E</scp>uropean <scp>M</scp>onitoring <scp>S</scp>tudy for <scp>H</scp>eart <scp>F</scp>ailure (<scp>MEMSâ€HF</scp>). European Journal of Heart Failure, 2020, 22, 1891-1901.	7.1	142
16	Systemic Consequences of Pulmonary Hypertension and Right-Sided Heart Failure. Circulation, 2020, 141, 678-693.	1.6	139
17	COMPERA 2.0: a refined four-stratum risk assessment model for pulmonary arterial hypertension. European Respiratory Journal, 2022, 60, 2102311.	6.7	124
18	RESPITE: switching to riociguat in pulmonary arterial hypertension patients with inadequate response to phosphodiesterase-5 inhibitors. European Respiratory Journal, 2017, 50, 1602425.	6.7	113

#	Article	IF	Citations
19	ESC guidance for the diagnosis and management of cardiovascular disease during the COVID-19 pandemic: part 2â€"care pathways, treatment, and follow-up. European Heart Journal, 2022, 43, 1059-1103.	2.2	111
20	Idiopathic pulmonary arterial hypertension phenotypes determined by cluster analysis from the COMPERA registry. Journal of Heart and Lung Transplantation, 2020, 39, 1435-1444.	0.6	104
21	Current and future treatments of pulmonary arterial hypertension. British Journal of Pharmacology, 2021, 178, 6-30.	5.4	104
22	Predictors of long-term outcomes in patients treated with riociguat for pulmonary arterial hypertension: data from the PATENT-2 open-label, randomised, long-term extension trial. Lancet Respiratory Medicine,the, 2016, 4, 361-371.	10.7	97
23	Echocardiographic estimation of left ventricular and pulmonary pressures in patients with heart failure and preserved ejection fraction: a study utilizing simultaneous echocardiography and invasive measurements. European Journal of Heart Failure, 2017, 19, 1651-1660.	7.1	89
24	Pulmonary Hypertension. Deutsches Ärzteblatt International, 2017, 114, 73-84.	0.9	87
25	Switching to riociguat versus maintenance therapy with phosphodiesterase-5 inhibitors in patients with pulmonary arterial hypertension (REPLACE): a multicentre, open-label, randomised controlled trial. Lancet Respiratory Medicine,the, 2021, 9, 573-584.	10.7	85
26	Pulmonary hypertension in heart failure with preserved ejection fraction: a plea for proper phenotyping and further researchâ€. European Heart Journal, 2017, 38, ehw597.	2.2	83
27	Optimal follow-up after acute pulmonary embolism: a position paper of the European Society of Cardiology Working Group on Pulmonary Circulation and Right Ventricular Function, in collaboration with the European Society of Cardiology Working Group on Atherosclerosis and Vascular Biology, endorsed by the European Respiratory Society. European Heart Journal, 2022, 43, 183-189.	2.2	83
28	Phosphodiesterase Type 5 Inhibition Is a Novel Therapeutic Option in Raynaud Disease. Archives of Internal Medicine, 2006, 166, 231.	3.8	80
29	Ferric carboxymaltose improves exercise capacity and quality of life in patients with pulmonary arterial hypertension and iron deficiency: A pilot study. International Journal of Cardiology, 2014, 175, 233-239.	1.7	78
30	A Role for Src in Signal Relay by the Platelet-derived Growth Factor Î± Receptor. Journal of Biological Chemistry, 1998, 273, 5908-5915.	3.4	76
31	Identification of the Receptor-associated Signaling Enzymes That Are Required for Platelet-derived Growth Factor-AA-dependent Chemotaxis and DNA Synthesis. Journal of Biological Chemistry, 1999, 274, 28335-28343.	3.4	73
32	Hypoxia Enhances Platelet-derived Growth Factor Signaling in the Pulmonary Vasculature by Down-Regulation of Protein Tyrosine Phosphatases. American Journal of Respiratory and Critical Care Medicine, 2011, 183, 1092-1102.	5.6	73
33	Sildenafil Improved Pulmonary Hypertension and Peripheral Blood Flow in a Patient with Scleroderma-Associated Lung Fibrosis and the Raynaud Phenomenon. Annals of Internal Medicine, 2003, 139, 871.	3.9	69
34	Chronic thromboembolic pulmonary hypertension and impairment after pulmonary embolism: the FOCUS study. European Heart Journal, 2022, 43, 3387-3398.	2.2	69
35	Risk assessment in pulmonary arterial hypertension. European Respiratory Journal, 2018, 51, 1702606.	6.7	67
36	Pulmonary hypertension: current diagnosis and treatment. Clinical Research in Cardiology, 2007, 96, 527-541.	3.3	63

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37	Loss of UCP2 Attenuates Mitochondrial Dysfunction without Altering ROS Production and Uncoupling Activity. PLoS Genetics, 2014, 10, e1004385.	3.5	63
38	Patients with pulmonary arterial hypertension with and without cardiovascular risk factors: Results from the AMBITION trial. Journal of Heart and Lung Transplantation, 2019, 38, 1286-1295.	0.6	62
39	Risk assessment in medically treated chronic thromboembolic pulmonary hypertension patients. European Respiratory Journal, 2018, 52, 1800248.	6.7	61
40	Initial combination therapy with ambrisentan and tadalafil and mortality in patients with pulmonary arterial hypertension: a secondary analysis of the results from the randomised, controlled AMBITION study. Lancet Respiratory Medicine,the, 2016, 4, 894-901.	10.7	59
41	Cardiopulmonary exercise testing for detecting pulmonary arterial hypertension in systemic sclerosis. Heart, 2017, 103, 774-782.	2.9	59
42	Imatinib mesylate for the treatment of pulmonary arterial hypertension. Expert Opinion on Investigational Drugs, 2012, 21, 119-134.	4.1	58
43	Temporal trends in pulmonary arterial hypertension: results from the COMPERA registry. European Respiratory Journal, 2022, 59, 2102024.	6.7	57
44	The Arg389Gly ??1-adrenoceptor gene polymorphism determines contractile response to catecholamines. Pharmacogenetics and Genomics, 2004, 14, 711-716.	5.7	56
45	Targeted therapy of pulmonary arterial hypertension: Updated recommendations from the Cologne Consensus Conference 2018. International Journal of Cardiology, 2018, 272, 37-45.	1.7	56
46	Pulmonary hypertension associated with left heart disease: Updated Recommendations of the Cologne Consensus Conference 2018. International Journal of Cardiology, 2018, 272, 53-62.	1.7	56
47	Diagnostic and Therapeutic Gaps inÂPatients With HeartÂFailure and ChronicÂObstructive PulmonaryÂDisease. JACC: Heart Failure, 2019, 7, 823-833.	4.1	55
48	Src Family Kinases Negatively Regulate Platelet-derived Growth Factor Î± Receptor-dependent Signaling and Disease Progression. Journal of Biological Chemistry, 2000, 275, 9620-9627.	3.4	52
49	Pulmonary hypertension 2015: current definitions, terminology, and novel treatment options. Clinical Research in Cardiology, 2015, 104, 197-207.	3.3	50
50	Late outcomes after acute pulmonary embolism: rationale and design of FOCUS, a prospective observational multicenter cohort study. Journal of Thrombosis and Thrombolysis, 2016, 42, 600-609.	2.1	50
51	Significant improvement of right ventricular function by imatinib mesylate in scleroderma-associated pulmonary arterial hypertension. Clinical Research in Cardiology, 2009, 98, 265-267.	3.3	49
52	Profilin-1 Is Expressed in Human Atherosclerotic Plaques and Induces Atherogenic Effects on Vascular Smooth Muscle Cells. PLoS ONE, 2010, 5, e13608.	2.5	49
53	Right Heart Catheterization for the Diagnosis of Pulmonary Hypertension. Heart Failure Clinics, 2018, 14, 467-477.	2.1	49
54	Pulmonary vascular resistance predicts mortality in patients with pulmonary hypertension associated with interstitial lung disease: results from the COMPERA registry. European Respiratory Journal, 2021, 58, 2101483.	6.7	48

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55	Systematic Evaluation of Anti-apoptotic Growth Factor Signaling in Vascular Smooth Muscle Cells. Journal of Biological Chemistry, 2005, 280, 14168-14176.	3.4	47
56	Vardenafil for the Treatment of Raynaud Phenomenon: A Randomized, Double-blind, Placebo-Controlled Crossover Study. Archives of Internal Medicine, 2012, 172, 1182-4.	3.8	47
57	Treatment of pulmonary arterial hypertension (PAH): Updated Recommendations of the Cologne Consensus Conference 2011. International Journal of Cardiology, 2011, 154, S20-S33.	1.7	46
58	What can we learn from pulmonary function testing in heart failure?. European Journal of Heart Failure, 2017, 19, 1222-1229.	7.1	46
59	Transforming Growth Factor Î²1 Oppositely Regulates the Hypertrophic and Contractile Response to Î²-Adrenergic Stimulation in the Heart. PLoS ONE, 2011, 6, e26628.	2.5	44
60	Genetic Ablation of PDGF-Dependent Signaling Pathways Abolishes Vascular Remodeling and Experimental Pulmonary Hypertension. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 1236-1245.	2.4	42
61	PDGF-BB protects cardiomyocytes from apoptosis and improves contractile function of engineered heart tissue. Journal of Molecular and Cellular Cardiology, 2010, 48, 1316-1323.	1.9	41
62	Influence of Cell Treatment with PDGF-BB and Reperfusion on Cardiac Persistence of Mononuclear and Mesenchymal Bone Marrow Cells after Transplantation into Acute Myocardial Infarction in Rats. Cell Transplantation, 2009, 18, 847-853.	2.5	38
63	Therapeutic potential of phosphodiesterase type 5 inhibitors in heart failure with preserved ejection fraction and combined post- and pre-capillary pulmonary hypertension. International Journal of Cardiology, 2019, 283, 152-158.	1.7	38
64	Pioglitazone alleviates cardiac and vascular remodelling and improves survival in monocrotaline induced pulmonary arterial hypertension. Naunyn-Schmiedeberg's Archives of Pharmacology, 2016, 389, 369-379.	3.0	34
65	Oscillatory whole-body vibration improves exercise capacity and physical performance in pulmonary arterial hypertension: a randomised clinical study. Heart, 2017, 103, 592-598.	2.9	34
66	Quality of Life 3 and 12 Months Following Acute Pulmonary Embolism. Chest, 2021, 159, 2428-2438.	0.8	34
67	Pulmonary hypertension due to left heart disease: Updated Recommendations of the Cologne Consensus Conference 2011. International Journal of Cardiology, 2011, 154, S34-S44.	1.7	29
68	Therapeutic potential of sildenafil in patients with heart failure and reactive pulmonary hypertension. International Journal of Cardiology, 2012, 154, 205-206.	1.7	28
69	The REPAIR Study. JACC: Cardiovascular Imaging, 2022, 15, 240-253.	5.3	28
70	European Society of Cardiology guidance for the diagnosis and management of cardiovascular disease during the COVID-19 pandemic: part 1â€"epidemiology, pathophysiology, and diagnosis. Cardiovascular Research, 2022, 118, 1385-1412.	3.8	27
71	PI3-kinase/Akt-dependent antiapoptotic signaling by the PDGF Î± receptor is negatively regulated by Src family kinases. FEBS Letters, 2006, 580, 6769-6776.	2.8	23
72	FGF21 modulates mitochondrial stress response in cardiomyocytes only under mild mitochondrial dysfunction. Science Advances, 2022, 8, eabn7105.	10.3	23

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73	The impact of comorbidities on selexipag treatment effect in patients with pulmonary arterial hypertension: insights from the <scp>GRIPHON</scp> study. European Journal of Heart Failure, 2022, 24, 205-214.	7.1	22
74	Pulmonary Hypertension in Adults with Congenital Heart Disease: Real-World Data from the International COMPERA-CHD Registry. Journal of Clinical Medicine, 2020, 9, 1456.	2.4	21
75	Riociguat: Clinical research and evolving role in therapy. British Journal of Clinical Pharmacology, 2021, 87, 2645-2662.	2.4	18
76	Ferric carboxymaltose in patients with pulmonary arterial hypertension and iron deficiency: a longâ€term study. Journal of Cachexia, Sarcopenia and Muscle, 2021, 12, 1501-1512.	7.3	18
77	Selonsertib in adults with pulmonary arterial hypertension (ARROW): a randomised, double-blind, placebo-controlled, phase 2 trial. Lancet Respiratory Medicine,the, 2022, 10, 35-46.	10.7	17
78	Beta1-Adrenoceptor Polymorphism Predicts Flecainide Action in Patients with Atrial Fibrillation. PLoS ONE, 2010, 5, e11421.	2.5	17
79	Clinical outcomes stratified by baseline functional class after initial combination therapy for pulmonary arterial hypertension. Respiratory Research, 2019, 20, 208.	3.6	16
80	Diagnosis of pulmonary hypertension using spectral-detector CT. International Journal of Cardiology, 2019, 285, 80-85.	1.7	14
81	The Arg389Gly Î²1-adrenoceptor gene polymorphism influences the acute effects of Î²-adrenoceptor blockade on contractility in the human heart. Clinical Research in Cardiology, 2011, 100, 641-647.	3.3	13
82	Class IA Phosphatidylinositol 3-Kinase Isoform p110Î± Mediates Vascular Remodeling. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 1434-1444.	2.4	13
83	Pulmonary hypertension associated with left-sided heart failure. Current Opinion in Cardiology, 2020, 35, 610-619.	1.8	13
84	Right ventricular dysfunction and long-term risk of death. Cardiovascular Diagnosis and Therapy, 2020, 10, 1646-1658.	1.7	12
85	Disrupted PI3K subunit p110Î± signaling protects against pulmonary hypertension and reverses established disease in rodents. Journal of Clinical Investigation, 2021, 131, .	8.2	12
86	Riociguat for the Treatment of Raynaudâ€™s Phenomenon: A Single-Dose, Double-Blind, Randomized, Placebo-Controlled Cross-Over Pilot Study (DIGIT). Clinical Drug Investigation, 2018, 38, 1061-1069.	2.2	11
87	Cologne consensus conference on pulmonary hypertension â€“ Update 2018. International Journal of Cardiology, 2018, 272, 1-3.	1.7	10
88	ER stress-induced aggresome trafficking of HtrA1 protects against proteotoxicity. Journal of Molecular Cell Biology, 2017, 9, 516-532.	3.3	9
89	Prognostic value of improvement endpoints in pulmonary arterial hypertension trials: A COMPERA analysis. Journal of Heart and Lung Transplantation, 2022, 41, 971-981.	0.6	9
90	Phosphodiesterase type 5 inhibitor sildenafil citrate does not potentiate the vasodilative properties of nebivolol in rat aorta. Life Sciences, 2006, 78, 1103-1107.	4.3	8

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91	The six-transmembrane protein Stamp2 ameliorates pulmonary vascular remodeling and pulmonary hypertension in mice. Basic Research in Cardiology, 2020, 115, 68.	5.9	7
92	k-t accelerated multi-VENC 4D flow MRI improves vortex assessment in pulmonary hypertension. European Journal of Radiology, 2021, 145, 110035.	2.6	6
93	Was Paul Wood wrong about pre-capillary pulmonary hypertension protecting against pulmonary congestion in left heart disease?. European Heart Journal, 2022, 43, 3432-3434.	2.2	6
94	Response to Letters Regarding Article, â€œAnticoagulation and Survival in Pulmonary Arterial Hypertension: Results From the Comparative, Prospective Registry of Newly Initiated Therapies for Pulmonary Hypertension (COMPERA)â€. Circulation, 2014, 130, e110-2.	1.6	5
95	Case report: Subjective loss of performance after pulmonary embolism in an athleteâ€“ beyond normal values. BMC Pulmonary Medicine, 2016, 16, 21.	2.0	5
96	Identifying potential parameters associated with response to switching from a PDE5i to riociguat in RESPITE. International Journal of Cardiology, 2020, 317, 188-192.	1.7	5
97	Detection of patients with chronic thromboembolic pulmonary hypertension by volumetric iodine quantification in the lungâ€”a case control study. Quantitative Imaging in Medicine and Surgery, 2022, 12, 1121-1129.	2.0	5
98	Profiles and treatment patterns of patients with pulmonary arterial hypertension on monotherapy at experienced centres. ESC Heart Failure, 2022, 9, 2873-2885.	3.1	5
99	Cologne Consensus Conference on pulmonary hypertension. International Journal of Cardiology, 2011, 154, S1-S2.	1.7	4
100	Less loop diuretic use in patients on sacubitril/valsartan undergoing remote pulmonary artery pressure monitoring. ESC Heart Failure, 2021, , .	3.1	4
101	Pulmonary vascular indices and survival in left heart disease: illusion of conclusion?. European Journal of Heart Failure, 2018, 20, 256-259.	7.1	3
102	Coagulation-independent effects of thrombin and Factor Xa: role of protease-activated receptors in pulmonary hypertension. Cardiovascular Research, 2022, 118, 3225-3238.	3.8	3
103	Spectral Detector CT-Derived Pulmonary Perfusion Maps and Pulmonary Parenchyma Characteristics for the Semiautomated Classification of Pulmonary Hypertension. Frontiers in Cardiovascular Medicine, 2022, 9, 835732.	2.4	3
104	HipertensiÃ³n pulmonar. Regreso al futuro. Revista Espanola De Cardiologia, 2017, 70, 901-904.	1.2	2
105	CT-proET1 predicts pulmonary hemodynamics in Scleroderma-associated pulmonary hypertension. Clinical Research in Cardiology, 2015, 104, 525-529.	3.3	1
106	Transfemoral transcatheter aortic valve implantation in a patient with multiple endovascular aortic stents â€“ a case report. Journal of Cardiothoracic Surgery, 2016, 11, 24.	1.1	1
107	Pulmonary Hypertensionâ€“Back to the Future. Revista Espanola De Cardiologia (English Ed), 2017, 70, 901-904.	0.6	1
108	Stamp2 Protects From Maladaptive Structural Remodeling and Systolic Dysfunction in Post-Ischemic Hearts by Attenuating Neutrophil Activation. Frontiers in Immunology, 2021, 12, 701721.	4.8	0

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109	Whole-Body Vibration Therapy in Patients with Pulmonary Hypertension and Right Heart Failure: Lessons from a Pilot Study. , 2020, , 355-362.		0
110	Prognostic Power of Pulmonary Arterial Compliance Is Boosted by a Hemodynamic Unloading Test With Glyceryl Trinitrate in Heart Failure Patients With Post-capillary Pulmonary Hypertension. Frontiers in Cardiovascular Medicine, 2022, 9, 838898.	2.4	0