

CITATION REPORT

List of articles citing

The effects of phosphodiesterase-5 inhibition with sildenafil on pulmonary hemodynamics and diffusion capacity, exercise ventilatory efficiency, and oxygen uptake kinetics in chronic heart failure

DOI: 10.1016/j.jacc.2004.09.041

Journal of the American College of Cardiology, 2004, 44, 2339-48.

Source: <https://exaly.com/paper-pdf/37387686/citation-report.pdf>

Version: 2024-04-27

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
194	Current World Literature. 2005 , 14, 502-517		
193	Bibliography Current World Literature. 2005 , 20, 324-368		
192	Pathophysiology and treatment of alveolar-capillary dysfunction in chronic heart failure. <i>Therapy: Open Access in Clinical Medicine</i> , 2005 , 2, 641-648		
191	Effect of sildenafil on cardiac performance in patients with heart failure. 2005 , 96, 1436-40		95
190	Highlights of the year in JACC 2004. <i>Journal of the American College of Cardiology</i> , 2005 , 45, 137-53	15.1	1
189	Controversies in ventricular remodelling. 2006 , 367, 356-67		645
188	Bibliography. Current world literature. <i>Clinical nephrology</i> . 2006 , 15, 187-225		
187	Sildenafil: from angina to erectile dysfunction to pulmonary hypertension and beyond. 2006 , 5, 689-702		366
186	The emerging role for type 5 phosphodiesterase inhibition in heart failure. <i>Current Heart Failure Reports</i> , 2006 , 3, 123-8	2.8	12
185	Gas diffusion and alveolar-capillary unit in chronic heart failure. 2006 , 27, 2538-43		181
184	Sildenafil improves exercise hemodynamics and oxygen uptake in patients with systolic heart failure. 2007 , 115, 59-66		285
183	Potential role of phosphodiesterases in the development of multiple organ dysfunction. 2007 , 3, 18-30		
182	Effects of sildenafil on exercise capacity in hypoxic normal subjects. 2007 , 8, 155-63		59
181	Sildenafil (Viagra) attenuates ischemic cardiomyopathy and improves left ventricular function in mice. 2008 , 294, H1398-406		129
180	The effects of chronic phosphodiesterase-5 inhibitor use on different organ systems. 2007 , 19, 139-48		45
179	Exercise ventilation inefficiency in heart failure: pathophysiological and clinical significance. 2007 , 28, 673-8		58
178	Phosphodiesterase type 5: expanding roles in cardiovascular regulation. <i>Circulation Research</i> , 2007 , 101, 1084-95	15.7	164

177	Expert opinion on available options treating pulmonary arterial hypertension. 2007 , 8, 2247-65		30
176	PDE5 inhibitors beyond erectile dysfunction. 2007 , 19, 533-43		57
175	Sildenafil improves exercise capacity and quality of life in patients with systolic heart failure and secondary pulmonary hypertension. 2007 , 116, 1555-62		394
174	Type 5 phosphodiesterase inhibitors in the treatment of erectile dysfunction and cardiovascular disease. 2007 , 15, 76-86		52
173	Phosphodiesterases. 2007 , 919-957		4
172	Pulmonary hypertension associated with left-sided heart disease. 2007 , 28, 233-41, x		158
171	Type 5 phosphodiesterase inhibition in heart failure: the next step. <i>Journal of the American College of Cardiology</i> , 2007 , 50, 2145-7	15.1	14
170	Long-term use of sildenafil in the therapeutic management of heart failure. <i>Journal of the American College of Cardiology</i> , 2007 , 50, 2136-44	15.1	256
169	Sildenafil may facilitate weaning in mechanically ventilated COPD patients: a report of three cases. 2007 , 35, 610-3		3
168	Sildenafil reduces L-NAME-induced severe hypertension and worsening of myocardial ischaemia-reperfusion damage in the rat. 2007 , 150, 567-76		42
167	Atorvastatin therapy improves exercise oxygen uptake kinetics in post-myocardial infarction patients. 2007 , 37, 454-62		8
166	Why does chronic heart failure cause breathlessness and fatigue?. <i>Progress in Cardiovascular Diseases</i> , 2007 , 49, 366-84	8.5	91
165	[Novel indications for phosphodiesterase type 5 inhibitors]. 2007 , 102, 617-30		4
164	Myocardial phosphodiesterases and regulation of cardiac contractility in health and cardiac disease. <i>Cardiovascular Drugs and Therapy</i> , 2007 , 21, 171-94	3.9	61
163	Approach to patients with heart failure and pulmonary hypertension. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2007 , 9, 302-9	2.1	7
162	Sildenafil analogs used for adulterating marihuana. 2008 , 182, e23-4		8
161	Sildenafil and phosphodiesterase-5 inhibitors for heart failure. <i>Current Heart Failure Reports</i> , 2008 , 5, 110-4	2.8	17
160	Endothelium-mediated modulation of ergoreflex and improvement in exercise ventilation by acute sildenafil in heart failure patients. 2008 , 83, 336-41		36

159	Control of pulmonary vascular tone during exercise in health and pulmonary hypertension. 2008 , 119, 242-63		37
158	Sildenafil improves the alveolar-capillary function in heart failure patients. <i>International Journal of Cardiology</i> , 2008 , 126, 68-72	3.2	13
157	Oxygen uptake efficiency slope in trained and untrained subjects exposed to hypoxia. <i>Respiratory Physiology and Neurobiology</i> , 2008 , 161, 167-73	2.8	4
156	Clinical use of phosphodiesterase-5 inhibitors in chronic heart failure. <i>Circulation: Heart Failure</i> , 2008 , 1, 272-80	7.6	43
155	Effects of 5 α -phosphodiesterase four-week long inhibition with sildenafil in patients with chronic heart failure: a double-blind, placebo-controlled clinical trial. 2008 , 14, 189-97		92
154	Alveolar gas diffusion abnormalities in heart failure. 2008 , 14, 695-702		79
153	Effect of sildenafil on haemodynamic response to exercise and exercise capacity in Fontan patients. 2008 , 29, 1681-7		177
152	Evolving changes in lung interstitial fluid content after acute myocardial infarction: mechanisms and pathophysiological correlates. 2008 , 294, H1357-64		13
151	Prognostic value and diagnostic potential of cardiopulmonary exercise testing in patients with chronic heart failure. <i>European Journal of Heart Failure</i> , 2008 , 10, 112-8	12.3	38
150	Determinants of ventilatory efficiency in heart failure: the role of right ventricular performance and pulmonary vascular tone. <i>Circulation: Heart Failure</i> , 2008 , 1, 227-33	7.6	108
149	Diagnosis and treatment of secondary (non-category 1) pulmonary hypertension. 2008 , 118, 2190-9		83
148	Sildenafil (Viagra) attenuates ischemic cardiomyopathy and improves left ventricular function in mice. 2008 , 294, H1398-H1406		90
147	PDE5 inhibitors in non-urological conditions. 2009 , 15, 3521-39		24
146	Phosphodiesterase 5 inhibition in heart failure: mechanisms and clinical implications. <i>Nature Reviews Cardiology</i> , 2009 , 6, 349-55	14.8	25
145	Pretreatment of sildenafil attenuates ischemia-reperfusion renal injury in rats. 2009 , 297, F362-70		90
144	Pulmonary venous hypertension or pulmonary hypertension due to left heart disease. 2009 , 27, 35-42		6
143	Treating heart failure with sildenafil. <i>Congestive Heart Failure</i> , 2009 , 15, 181-5		10
142	The effects of sildenafil and acetazolamide on breathing efficiency and ventilatory control during hypoxic exercise. 2009 , 106, 509-15		16

141	Phosphodiesterase inhibition in heart failure. <i>Heart Failure Reviews</i> , 2009 , 14, 255-63	5	51
140	Regulation of alveolar gas conductance by NO in man, as based on studies with NO donors and inhibitors of NO production. <i>Acta Physiologica</i> , 2009 , 196, 267-77	5.6	6
139	Pulmonary arterial hypertension secondary to chronic left-sided cardiac dysfunction in dogs. 2009 , 50 Suppl 1, 34-43		35
138	Acute hemodynamic effects of intravenous sildenafil citrate in congestive heart failure: comparison of phosphodiesterase type-3 and -5 inhibition. <i>Journal of Heart and Lung Transplantation</i> , 2009 , 28, 676-82 ⁵⁸		40
137	Transpulmonary B-type natriuretic peptide uptake and cyclic guanosine monophosphate release in heart failure and pulmonary hypertension: the effects of sildenafil. <i>Journal of the American College of Cardiology</i> , 2009 , 54, 595-600	15.1	54
136	Sildenafil increases the force of right atrial contractions in vitro via the NO-guanylyl cyclase pathway involving β adrenoceptor linked mechanisms. 2009 , 61, 1146-52		3
135	Effect of chronic sildenafil treatment on penile endothelial function: a randomized, double-blind, placebo controlled study. 2009 , 182, 2850-5		21
134	Trying to succeed when the right ventricle fails. 2009 , 24, 239-45		23
133	Bosentan decreases pulmonary vascular resistance and improves exercise capacity in acute hypoxia. 2009 , 135, 1215-1222		51
132	The impact of pharmacotherapy on the cardiopulmonary exercise test response in patients with heart failure: a mini review. 2009 , 7, 557-69		23
131	Relation of systemic venous return, pulmonary vascular resistance, and diastolic dysfunction to exercise capacity in patients with single ventricle receiving fontan palliation. 2010 , 105, 1169-75		64
130	Determinants of right ventricular failure in patients admitted with acute left heart failure. <i>Congestive Heart Failure</i> , 2010 , 16, 243-8		13
129	Modulating the nitric oxide - cyclic GMP pathway in the pressure-overloaded left ventricle and group II pulmonary hypertension. 2010 , 64, 15-22		8
128	Clinician's Guide to cardiopulmonary exercise testing in adults: a scientific statement from the American Heart Association. 2010 , 122, 191-225		1120
127	Endothelium-dependent vasodilation is associated with exercise capacity in smokers and non-smokers. 2010 , 15, 119-25		17
126	[Pulmonary hypertension due to left heart disease: recommendations of the Cologne Consensus Conference 2010]. 2010 , 135 Suppl 3, S102-14		1
125	Phosphodiesterase type 5 inhibitors for high-altitude pulmonary hypertension: a meta-analysis. 2010 , 30, 259-65		7
124	The right heart and pulmonary circulation (III). The pulmonary circulation in heart failure. 2010 , 63, 334-45		8

123	Pulmonary hypertension with left-sided heart disease. <i>Nature Reviews Cardiology</i> , 2010 , 7, 648-59	14.8	101
122	La circulaci3n pulmonar en la insuficiencia cardiaca. 2010 , 63, 334-345		20
121	Phosphodiesterase type 5 inhibitors as adjunctive therapy in the management of systolic heart failure. 2011 , 45, 1551-8		11
120	Pulmonary hypertension due to left heart disease: updated Recommendations of the Cologne Consensus Conference 2011. <i>International Journal of Cardiology</i> , 2011 , 154 Suppl 1, S34-44	3.2	21
119	PDE5 Inhibition With Sildenafil Improves Left Ventricular Diastolic Function, Cardiac Geometry, and Clinical Status in Patients With Stable Systolic Heart Failure: Results of a 1-Year, Prospective, Randomized, Placebo-Controlled Study. 2011 , 2011, 323-325		
118	Rodent models of pulmonary hypertension: harmonisation with the world health organisation's categorisation of human PH. 2011 , 65, 15-34		63
117	Effects of pulmonary vasodilator therapy on ventilatory efficiency during exercise in adults with Eisenmenger syndrome. 2011 , 6, 139-46		7
116	Sildenafil does not improve steady state cardiovascular hemodynamics, peak power, or 15-km time trial cycling performance at simulated moderate or high altitudes in men and women. 2011 , 111, 3031-40		18
115	Sildenafil preserves lung endothelial function and prevents pulmonary vascular remodeling in a rat model of diastolic heart failure. <i>Circulation: Heart Failure</i> , 2011 , 4, 198-206	7.6	44
114	PDE5 inhibition with sildenafil improves left ventricular diastolic function, cardiac geometry, and clinical status in patients with stable systolic heart failure: results of a 1-year, prospective, randomized, placebo-controlled study. <i>Circulation: Heart Failure</i> , 2011 , 4, 8-17	7.6	298
113	Pulmonary hypertension in heart failure with preserved ejection fraction: a target for therapy?. 2011 , 124, 133-5		8
112	Mitigation of the progression of heart failure with sildenafil involves inhibition of RhoA/Rho-kinase pathway. 2011 , 300, H2272-9		58
111	Phosphodiesterase-5 Inhibition to Improve Clinical Status and Exercise Capacity in Diastolic Heart Failure (RELAX) trial: rationale and design. <i>Circulation: Heart Failure</i> , 2012 , 5, 653-9	7.6	98
110	Pulmonary hypertension and right ventricular failure in left ventricular systolic dysfunction. 2012 , 27, 262-72		13
109	Pathological cardiac hypertrophy alters intracellular targeting of phosphodiesterase type 5 from nitric oxide synthase-3 to natriuretic peptide signaling. 2012 , 126, 942-51		29
108	Improvement in lung diffusion by endothelin A receptor blockade at high altitude. 2012 , 112, 20-5		28
107	Phosphodiesterase 5 inhibition with sildenafil reverses exercise oscillatory breathing in chronic heart failure: a long-term cardiopulmonary exercise testing placebo-controlled study. <i>European Journal of Heart Failure</i> , 2012 , 14, 82-90	12.3	87
106	Pulmonary circulation at exercise. 2012 , 2, 711-41		110

105	Pulmonary hypertension in left heart disease. 2012 , 21, 338-46		50
104	Diagnosis and management of pulmonary hypertension associated with left ventricular diastolic dysfunction. <i>Pulmonary Circulation</i> , 2012 , 2, 163-9	2.7	18
103	Pulmonary hypertension and right ventricular dysfunction in left heart disease (group 2 pulmonary hypertension). <i>Progress in Cardiovascular Diseases</i> , 2012 , 55, 104-18	8.5	14
102	Pulmonary hypertension due to left heart disease. 2012 , 126, 975-90		294
101	Peripheral circulation. 2012 , 2, 321-447		160
100	Sildenafil improves microvascular O2 delivery-to-utilization matching and accelerates exercise O2 uptake kinetics in chronic heart failure. 2012 , 303, H1474-80		42
99	Pulmonary hypertension in left heart disease: a review. <i>International Journal of Cardiology</i> , 2012 , 156, 253-8	3.2	7
98	Exercise oscillatory breathing and NT-proBNP levels in stable heart failure provide the strongest prediction of cardiac outcome when combining biomarkers with cardiopulmonary exercise testing. 2012 , 18, 313-20		11
97	Hemodynamic and clinical benefits associated with chronic sildenafil therapy in advanced heart failure: experience of the Montréal Heart Institute. <i>Canadian Journal of Cardiology</i> , 2012 , 28, 69-73	3.8	13
96	Complex Challenges of Pulmonary Hypertension. 2012 , 447-460		1
95	Endothelial dysfunction, arterial stiffness, and heart failure. <i>Journal of the American College of Cardiology</i> , 2012 , 60, 1455-69	15.1	292
94	Cardiac role of cyclic-GMP hydrolyzing phosphodiesterase type 5: from experimental models to clinical trials. <i>Current Heart Failure Reports</i> , 2012 , 9, 192-9	2.8	26
93	Right ventricular pulmonary hypertension. <i>Current Heart Failure Reports</i> , 2012 , 9, 303-8	2.8	4
92	Modulation of pulmonary vascular resistance as a target for therapeutic interventions in Fontan patients: focus on phosphodiesterase inhibitors. <i>Future Cardiology</i> , 2012 , 8, 271-84	1.3	23
91	Treatment for pulmonary hypertension of left heart disease. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2012 , 14, 319-27	2.1	12
90	Novel therapies in acute and chronic heart failure. <i>Pharmacology & Therapeutics</i> , 2012 , 135, 1-17	13.9	42
89	ULTIMATE-SHF trial (Udenafil Therapy to Improve symptoMATology, exercise Tolerance and hEmodynamics in patients with chronic systolic heart failure): study protocol for a randomized, placebo-controlled, double-blind trial. <i>Trials</i> , 2013 , 14, 188	2.8	7
88	Role of phosphodiesterase-5 inhibitors in heart failure: emerging data and concepts. <i>Current Heart Failure Reports</i> , 2013 , 10, 26-35	2.8	14

87	Relationships between maximal oxygen uptake and endothelial function in healthy male adults: a preliminary study. <i>Acta Diabetologica</i> , 2013 , 50, 135-41	3.9	25
86	Pulmonary hypertension due to left heart diseases. <i>Journal of the American College of Cardiology</i> , 2013 , 62, D100-8	15.1	437
85	Management of pulmonary hypertension in left heart disease. <i>Therapeutic Advances in Cardiovascular Disease</i> , 2013 , 7, 131-51	3.4	9
84	Left ventricular dysfunction with pulmonary hypertension: part 2: prognosis, noninvasive evaluation, treatment, and future research. <i>Circulation: Heart Failure</i> , 2013 , 6, 584-93	7.6	22
83	The effects of phosphodiesterase 5 inhibition on hemodynamics, functional status and survival in advanced heart failure and pulmonary hypertension: a case-control study. <i>International Journal of Cardiology</i> , 2013 , 168, 60-5	3.2	25
82	Effect of phosphodiesterase-5 inhibition on exercise capacity and clinical status in heart failure with preserved ejection fraction: a randomized clinical trial. <i>JAMA - Journal of the American Medical Association</i> , 2013 , 309, 1268-77	27.4	762
81	Pulmonary hypertension associated with left heart disease. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2013 , 34, 665-80	3.9	11
80	Phosphodiesterase type 5 inhibition improves arterial stiffness after exercise but not exercise capacity in hypertensive men. <i>American Journal of Hypertension</i> , 2013 , 26, 342-50	2.3	12
79	Sildenafil in Heart failure (SilHF). An investigator-initiated multinational randomized controlled clinical trial: rationale and design. <i>European Journal of Heart Failure</i> , 2013 , 15, 119-22	12.3	35
78	Is chronic sildenafil therapy safe and clinically beneficial in patients with systolic heart failure?. <i>Congestive Heart Failure</i> , 2013 , 19, 99-103		18
77	Protein kinase G I and heart failure: Shifting focus from vascular unloading to direct myocardial antiremodeling effects. <i>Circulation: Heart Failure</i> , 2013 , 6, 1268-83	7.6	19
76	Exercise intolerance in heart failure: update on exercise parameters for diagnosis, prognosis and therapeutic interventions. <i>Acta Cardiologica</i> , 2013 , 68, 495-504	0.9	5
75	Sildenafil therapy in thalassemia patients with Doppler-defined risk of pulmonary hypertension. <i>Haematologica</i> , 2013 , 98, 1359-67	6.6	35
74	Exercise training improves erectile dysfunction (ED) in patients with metabolic syndrome on phosphodiesterase-5 (PDE-5) inhibitors. <i>Monaldi Archives for Chest Disease</i> , 2013 , 80, 177-83	2.7	12
73	Management of erectile dysfunction in hypertension: Tips and tricks. <i>World Journal of Cardiology</i> , 2014 , 6, 908-15	2.1	36
72	Tadalafil prevents acute heart failure with reduced ejection fraction in mice. <i>Cardiovascular Drugs and Therapy</i> , 2014 , 28, 493-500	3.9	18
71	Dyspnea in Eisenmenger syndrome and its amelioration by sildenafil: role of J receptors. <i>International Journal of Cardiology</i> , 2014 , 174, 574-8	3.2	6
70	Abnormalities in cardiopulmonary exercise testing ventilatory parameters in heart failure: pathophysiology and clinical usefulness. <i>Current Heart Failure Reports</i> , 2014 , 11, 80-7	2.8	20

69	Pathophysiology and potential treatments of pulmonary hypertension due to systolic left heart failure. <i>Acta Physiologica</i> , 2014 , 211, 314-33	5.6	12
68	The Right Heart. 2014 ,		1
67	PDE5 inhibitor sildenafil in the treatment of heart failure: a meta-analysis of randomized controlled trials. <i>International Journal of Cardiology</i> , 2014 , 172, 581-7	3.2	30
66	Pulmonary hypertension in heart failure preserved ejection fraction: prevalence, pathophysiology, and clinical perspectives. <i>Circulation: Heart Failure</i> , 2014 , 7, 367-77	7.6	75
65	Development of a Human Model for the Study of Effects of Hypoxia, Exercise, and Sildenafil on Cardiac and Vascular Function in Chronic Heart Failure. <i>Journal of Cardiovascular Pharmacology</i> , 2015 , 66, 229-38	3.1	4
64	Mechanism of endothelial cyto-protective and thrombo-resistance effects of sildenafil, vardenafil and tadalafil in male rabbit. <i>Archives of Medical Science</i> , 2015 , 11, 190-8	2.9	12
63	Therapeutic potential of sildenafil in patients with chronic heart failure after cardiac surgery. <i>Journal of Indian College of Cardiology</i> , 2015 , 5, 1-8	0.2	
62	Pulmonary vascular response to exercise in symptomatic heart failure with reduced ejection fraction and pulmonary hypertension. <i>European Journal of Heart Failure</i> , 2015 , 17, 320-8	12.3	15
61	Comparative effectiveness of sildenafil for pulmonary hypertension due to left heart disease with HFrEF. <i>Hypertension Research</i> , 2015 , 38, 829-39	4.7	11
60	PDE 5 inhibition with udenafil improves left ventricular systolic/diastolic functions and exercise capacity in patients with chronic heart failure with reduced ejection fraction; A 12-week, randomized, double-blind, placebo-controlled trial. <i>American Heart Journal</i> , 2015 , 169, 813-822.e3	4.9	31
59	Pathophysiology and clinical relevance of pulmonary remodelling in pulmonary hypertension due to left heart diseases. <i>Canadian Journal of Cardiology</i> , 2015 , 31, 416-29	3.8	25
58	Impact of pharmacologic interventions--treating endothelial dysfunction and group 2 pulmonary hypertension. <i>Progress in Cardiovascular Diseases</i> , 2015 , 57, 473-9	8.5	7
57	The pathophysiology of pulmonary hypertension in left heart disease. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015 , 309, L924-41	5.8	40
56	Pulmonary hypertension in heart failure with preserved ejection fraction. <i>Journal of Heart and Lung Transplantation</i> , 2015 , 34, 273-81	5.8	15
55	The Right Ventricle in Health and Disease. <i>Respiratory Medicine</i> , 2015 ,	0.2	4
54	Pharmacologic and surgical interventions to improve functional capacity in heart failure. <i>Heart Failure Clinics</i> , 2015 , 11, 117-24	3.3	8
53	Increased consumption and vasodilatory effect of nitrite during exercise. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016 , 310, L354-64	5.8	5
52	Protein kinase G signaling in cardiac pathophysiology: Impact of proteomics on clinical trials. <i>Proteomics</i> , 2016 , 16, 894-905	4.8	9

51	Group 2 PH: Medical Therapy. <i>Progress in Cardiovascular Diseases</i> , 2016 , 59, 71-7	8.5	3
50	Impaired Right Ventricular-Pulmonary Arterial Coupling and Effect of Sildenafil in Heart Failure With Preserved Ejection Fraction: An Ancillary Analysis From the Phosphodiesterase-5 Inhibition to Improve Clinical Status And Exercise Capacity in Diastolic Heart Failure (RELAX) Trial. <i>Circulation: Heart Failure</i> , 2016 , 9, e002729	7.6	53
49	Exercise Ventilation in COPD: Influence of Systolic Heart Failure. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2016 , 13, 693-699	2	22
48	Evaluation of Cardiac, Vascular, and Skeletal Muscle Function With MRI: Novel Physiological End Points in Cardiac Rehabilitation Research. <i>Canadian Journal of Cardiology</i> , 2016 , 32, S388-S396	3.8	5
47	Contribution of sport science to performance: Wheelchair rugby. 2016 , 172-198		
46	Sildenafil does not Improve Exercise Capacity under Acute Hypoxia Exposure. <i>International Journal of Sports Medicine</i> , 2016 , 37, 785-91	3.6	5
45	Sildenafil in heart failure with reactive pulmonary hypertension (Sildenafil HF) clinical trial (rationale and design). <i>Pulmonary Circulation</i> , 2016 , 6, 161-7	2.7	6
44	Can sildenafil improve physical performance at altitude? Current scientific evidence. <i>Apunts Medicine De L'Esport</i> , 2016 , 51, 27-35	0.6	
43	Evolving Concepts of Pulmonary Hypertension Secondary to Left Heart Disease. <i>Current Heart Failure Reports</i> , 2016 , 13, 92-102	2.8	8
42	Increased Dead Space Ventilation Mediates Reduced Exercise Capacity in Systolic Heart Failure. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 193, 1292-300	10.2	20
41	Everything you ever wanted to know about phosphodiesterase 5 inhibitors and the heart (but never dared ask): How do they work?. <i>Journal of Endocrinological Investigation</i> , 2016 , 39, 131-42	5.2	18
40	Phosphodiesterase Type 5 Inhibitors, Sport and Doping. <i>Current Sports Medicine Reports</i> , 2017 , 16, 443-447	4.7	11
39	Nitric oxide signalling in cardiovascular health and disease. <i>Nature Reviews Cardiology</i> , 2018 , 15, 292-316	14.8	259
38	Will we be singing a different tune on combined post- and pre-capillary pulmonary hypertension?. <i>European Respiratory Journal</i> , 2018 , 51,	13.6	2
37	Intersection of Pulmonary Hypertension and Right Ventricular Dysfunction in Patients on Left Ventricular Assist Device Support: Is There a Role for Pulmonary Vasodilators?. <i>Circulation: Heart Failure</i> , 2018 , 11, e004255	7.6	17
36	Models and Molecular Mechanisms of World Health Organization Group 2 to 4 Pulmonary Hypertension. <i>Hypertension</i> , 2018 , 71, 34-55	8.5	11
35	Pulmonary Hypertension Associated With Left-Sided Heart Disease. 2018 , 223-229		
34	The influence of pulmonary vascular pressures on lung diffusing capacity during incremental exercise in healthy aging. <i>Physiological Reports</i> , 2018 , 6, e13565	2.6	7

33	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, 3293584	3	17
32	Pulmonary Hypertension and Heart Failure: A Dangerous Liaison. <i>Heart Failure Clinics</i> , 2018 , 14, 297-309	3.3	10
31	Sildenafil does not improve performance in 16.1 km cycle exercise time-trial in acute hypoxia. <i>PLoS ONE</i> , 2019 , 14, e0210841	3.7	5
30	Challenges in pulmonary hypertension associated with left heart disease. <i>Expert Review of Cardiovascular Therapy</i> , 2019 , 17, 461-472	2.5	1
29	Pulmonary Hypertension. 2019 , 327-341.e9		
28	Pulmonary hypertension in left heart disease. <i>Archives of Medical Science</i> , 2019 , 15, 262-273	2.9	14
27	Inhaled Iloprost and Oral Sildenafil Combination Therapy: Is it a Chance for Heart Transplant Candidacy?. <i>Heart Lung and Circulation</i> , 2020 , 29, 1039-1045	1.8	
26	PDE5 Inhibitors in Type 2 Diabetes Cardiovascular Complications. <i>Endocrines</i> , 2020 , 1, 90-101	0.8	2
25	Off-label use of pulmonary vasodilators after left ventricular assist device implantation: Calling in the evidence. <i>Pharmacology & Therapeutics</i> , 2020 , 214, 107619	13.9	4
24	Proportional Assist Ventilation Improves Leg Muscle Reoxygenation After Exercise in Heart Failure With Reduced Ejection Fraction. <i>Frontiers in Physiology</i> , 2021 , 12, 685274	4.6	1
23	PDE5 Inhibition Suppresses Ventricular Arrhythmias by Reducing SR Ca Content. <i>Circulation Research</i> , 2021 , 129, 650-665	15.7	2
22	J receptor activity in idiopathic pulmonary hypertension and its expected change in the presence of pulmonary bed vasodilators. <i>Respiratory Physiology and Neurobiology</i> , 2021 , 294, 103742	2.8	
21	[Phosphodiesterase-5 inhibitors for the treatment of pulmonary arterial hypertension]. <i>Archivos De Cardiologia De Mexico</i> , 2015 , 85, 215-24	0.2	6
20	The successful use of phosphodiesterase type 5 inhibitors to treat the syndrome of cor pulmonale and prerenal azotemia with diuresis of anasarca (CorPRADA). <i>Southern Medical Journal</i> , 2010 , 103, 116-20	20.6	4
19	The Right Ventricle: A Not-So-Innocent Bystander in Pulmonary Hypertension Due to Left Heart Disease. <i>Advances in Pulmonary Hypertension</i> , 2015 , 14, 79-87	0.5	3
18	Pathophysiology and treatment of alveolar-capillary dysfunction in chronic heart failure. <i>Therapy: Open Access in Clinical Medicine</i> , 2005 , 2, 641-648		
17	Treatment of severe pulmonary hypertension with sildenafil in a heart transplant candidate for advanced heart failure. <i>Cor Et Vasa</i> , 2009 , 51, 279-281	0.3	1
16	Left Ventricular Diastolic Heart Function and Pulmonary Hypertension. 2011 , 1183-1188		2

15	Pulmonale Hypertonie. 2011 , 309-334		
14	Pulmonary Hypertension in Congenital Heart Disease. 2014 , 2159-2199		
13	Left Heart Failure. 2014 , 209-221		
12	The Right Ventricle in Left Heart Failure. <i>Respiratory Medicine</i> , 2015 , 361-390		0.2
11	Surgery, Devices, Transplantation and Other Interventional Options for the Treatment of Advanced Pulmonary Hypertension. 2016 , 283-306		
10	Pulmonary Hypertension in Patients Without Pulmonary Arterial Hypertension. 2016 , 29-61		
9	Pulmonary Hypertension in Left Heart Disease. 2017 , 341-369		
8	OBSOLETE: Pulmonary Hypertension Associated with Left-Sided Heart Disease. 2018 ,		
7	Stroke Volume Reserve Is an Independent Predictor of Survival and Need for Advanced Therapies in Systolic Heart Failure Patients.		
6	Effect of Sildenafil Citrate on Exercise Capacity in Athletes With Spinal Cord Injury. <i>International Journal of Sports Physiology and Performance</i> , 2020 , 1-5	3.5	1
5	Sildenafil for Primary Prevention of Anthracycline-Induced Cardiac Toxicity: A Phase I/II Randomized Clinical Trial, SILDAT-TAHA6 Trial.. <i>Cardiology Research and Practice</i> , 2022 , 2022, 5681510	1.9	
4	Effects of sildenafil on symptoms and exercise capacity for heart failure with reduced ejection fraction and pulmonary hypertension (The SilHF study): A randomised placebo-controlled multicentre trial. <i>European Journal of Heart Failure</i> ,	12.3	1
3	Combined pre- and post-capillary pulmonary hypertension in left heart disease. <i>Heart Failure Reviews</i> ,	5	2
2	Cyclic nucleotide phosphodiesterases as therapeutic targets in cardiac hypertrophy and heart failure.		1
1	Pulmonary hypertension associated with left-sided heart disease. 2017 , 147, w14395		0