Thierry Troosters

List of Publications by Year
in descending order

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Version: 2024-02-01

117 papers	17,715 citations	57719 44 h-index	22808 112 g-index
119 all docs	119 docs citations	119 times ranked	10551 citing authors

#	Article	IF	Citations
1	An Official American Thoracic Society/European Respiratory Society Statement: Key Concepts and Advances in Pulmonary Rehabilitation. American Journal of Respiratory and Critical Care Medicine, 2013, 188, e13-e64.	2.5	2,668
2	An official European Respiratory Society/American Thoracic Society technical standard: field walking tests in chronic respiratory disease. European Respiratory Journal, 2014, 44, 1428-1446.	3.1	1,663
3	American Thoracic Society/European Respiratory Society Statement on Pulmonary Rehabilitation. American Journal of Respiratory and Critical Care Medicine, 2006, 173, 1390-1413.	2.5	1,644
4	Characteristics of Physical Activities in Daily Life in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2005, 171, 972-977.	2.5	1,052
5	An Official American Thoracic Society/European Respiratory Society Statement: Update on Limb Muscle Dysfunction in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2014, 189, e15-e62.	2.5	793
6	An official systematic review of the European Respiratory Society/American Thoracic Society: measurement properties of field walking tests in chronic respiratory disease. European Respiratory Journal, 2014, 44, 1447-1478.	3.1	652
7	An Official American Thoracic Society/European Respiratory Society Policy Statement: Enhancing Implementation, Use, and Delivery of Pulmonary Rehabilitation. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 1373-1386.	2.5	584
8	Physical Activity and Hospitalization for Exacerbation of COPD. Chest, 2006, 129, 536-544.	0.4	575
9	Pulmonary rehabilitation following exacerbations of chronic obstructive pulmonary disease. The Cochrane Library, 2019, 2019, CD005305.	1.5	493
10	Pulmonary Rehabilitation in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2005, 172, 19-38.	2.5	489
11	Short- and long-term effects of outpatient rehabilitation in patients with chronic obstructive pulmonary disease: a randomized trial. American Journal of Medicine, 2000, 109, 207-212.	0.6	464
12	An official European Respiratory Society statement on physical activity in COPD. European Respiratory Journal, 2014, 44, 1521-1537.	3.1	398
13	Determinants and outcomes of physical activity in patients with COPD: a systematic review. Thorax, 2014, 69, 731-739.	2.7	316
14	Use of exercise testing in the evaluation of interventional efficacy: an official ERS statement. European Respiratory Journal, 2016, 47, 429-460.	3.1	311
15	Physical inactivity in patients with COPD, a controlled multi-center pilot-study. Respiratory Medicine, 2010, 104, 1005-1011.	1.3	303
16	Validity of Six Activity Monitors in Chronic Obstructive Pulmonary Disease: A Comparison with Indirect Calorimetry. PLoS ONE, 2012, 7, e39198.	1.1	283
17	Are Patients With COPD More Active After Pulmonary Rehabilitation?. Chest, 2008, 134, 273-280.	0.4	268
18	COVID-19: interim guidance on rehabilitation in the hospital and post-hospital phase from a European Respiratory Society- and American Thoracic Society-coordinated international task force. European Respiratory Journal, 2020, 56, 2002197.	3.1	264

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19	Validity of physical activity monitors during daily life in patients with COPD. European Respiratory Journal, 2013, 42, 1205-1215.	3.1	243
20	Differences in content and organisational aspects of pulmonary rehabilitation programmes. European Respiratory Journal, 2014, 43, 1326-1337.	3.1	231
21	Activity Monitoring for Assessment of Physical Activities in Daily Life in Patients With Chronic Obstructive Pulmonary Disease. Archives of Physical Medicine and Rehabilitation, 2005, 86, 1979-1985.	0.5	205
22	The Minimal Important Difference in Physical Activity in Patients with COPD. PLoS ONE, 2016, 11, e0154587.	1.1	196
23	Defining Modern Pulmonary Rehabilitation. An Official American Thoracic Society Workshop Report. Annals of the American Thoracic Society, 2021, 18, e12-e29.	1.5	176
24	Standardizing the Analysis of Physical Activity in Patients With COPD Following a Pulmonary Rehabilitation Program. Chest, 2014, 146, 318-327.	0.4	172
25	ERS statement on standardisation of cardiopulmonary exercise testing in chronic lung diseases. European Respiratory Review, 2019, 28, 180101.	3.0	167
26	Daily physical activity in subjects with newly diagnosed COPD. Thorax, 2013, 68, 962-963.	2.7	162
27	High-intensity interval training evokes larger serum BDNF levels compared with intense continuous exercise. Journal of Applied Physiology, 2015, 119, 1363-1373.	1.2	160
28	Improving physical activity in COPD: towards a new paradigm. Respiratory Research, 2013, 14, 115.	1.4	123
29	The PROactive instruments to measure physical activity in patients with chronic obstructive pulmonary disease. European Respiratory Journal, 2015, 46, 988-1000.	3.1	114
30	Increasing implementation and delivery of pulmonary rehabilitation: key messages from the new ATS/ERS policy statement. European Respiratory Journal, 2016, 47, 1336-1341.	3.1	109
31	Dyspnea Perception in COPD. Chest, 2011, 140, 618-625.	0.4	105
32	Effects of Pulmonary Rehabilitation in Patients With Restrictive Lung Diseases. Chest, 2010, 137, 273-279.	0.4	103
33	Effectiveness of exercise training in patients with COPD: the role of muscle fatigue. European Respiratory Journal, 2012, 40, 338-344.	3.1	101
34	Risk Factors and Comorbidities in the Preclinical Stages of Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 30-38.	2.5	93
35	Efficacy of an mHealth intervention to stimulate physical activity in COPD patients after pulmonary rehabilitation. European Respiratory Journal, 2016, 48, 1019-1029.	3.1	91
36	Peripheral muscle abnormalities in cystic fibrosis: Etiology, clinical implications and response to therapeutic interventions. Journal of Cystic Fibrosis, 2017, 16, 538-552.	0.3	87

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37	Short and long-term effects of pulmonary rehabilitation in interstitial lung diseases: a randomised controlled trial. Respiratory Research, 2018, 19, 182.	1.4	85
38	Effect of Bronchodilation, Exercise Training, and Behavior Modification on Symptoms and Physical Activity in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 1021-1032.	2.5	79
39	Tiotropium in patients with moderate COPD naive to maintenance therapy: a randomised placebo-controlled trial. Npj Primary Care Respiratory Medicine, 2014, 24, 14003.	1.1	61
40	The PROactive innovative conceptual framework on physical activity. European Respiratory Journal, 2014, 44, 1223-1233.	3.1	55
41	Walking on common ground: a cross-disciplinary scoping review on the clinical utility of digital mobility outcomes. Npj Digital Medicine, 2021, 4, 149.	5.7	54
42	Effect of â€œadd-onâ€•interventions on exercise training in individuals with COPD: a systematic review. ERJ Open Research, 2016, 2, 00078-2015.	1.1	53
43	ACTIVATE: the effect of aclidinium/formoterol on hyperinflation, exercise capacity, and physical activity in patients with COPD. International Journal of COPD, 2017, Volume 12, 2545-2558.	0.9	53
44	Depression symptoms reduce physical activity in COPD patients: a prospective multicenter study. International Journal of COPD, 2016, 11, 1287.	0.9	50
45	The past, present and future of pulmonary rehabilitation. Respirology, 2019, 24, 830-837.	1.3	47
46	Physical Activity Counselling during Pulmonary Rehabilitation in Patients with COPD: A Randomised Controlled Trial. PLoS ONE, 2015, 10, e0144989.	1.1	46
47	Smartphone-Based Physical Activity Telecoaching in Chronic Obstructive Pulmonary Disease: Mixed-Methods Study on Patient Experiences and Lessons for Implementation. JMIR MHealth and UHealth, 2018, 6, e200.	1.8	46
48	Impaired Postural Control Reduces Sit-to-Stand-to-Sit Performance in Individuals with Chronic Obstructive Pulmonary Disease. PLoS ONE, 2014, 9, e88247.	1.1	45
49	The effects of a physical activity counseling program after an exacerbation in patients with Chronic Obstructive Pulmonary Disease: a randomized controlled pilot study. BMC Pulmonary Medicine, 2015, 15, 136.	0.8	44
50	The likelihood of improving physical activity after pulmonary rehabilitation is increased in patients with COPD who have better exercise tolerance. International Journal of COPD, 2018, Volume 13, 3515-3527.	0.9	44
51	A Mobile Phone App to Stimulate Daily Physical Activity in Patients with Chronic Obstructive Pulmonary Disease: Development, Feasibility, and Pilot Studies. JMIR MHealth and UHealth, 2016, 4, e11.	1.8	43
52	Chronic Obstructive Pulmonary Disease and Chronic Heart Failure. Journal of Cardiopulmonary Rehabilitation and Prevention, 2004, 24, 137-145.	0.5	39
53	The role of physical activity in the context of pulmonary rehabilitation. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2018, 15, 632-639.	0.7	39
54	Survival after pulmonary rehabilitation in patients with COPD: impact of functional exercise capacity and its changes. International Journal of COPD, 2016, Volume 11, 2671-2679.	0.9	37

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55	PossÃveis conseqÃ¼Ãªncias de nÃ£o se atingir a mÃnima atividade fÃsica diÃ¡ria recomendada em pacientes com doenÃ§a pulmonar obstrutiva cronica estÃ¡vel. Jornal Brasileiro De Pneumologia, 2006, 32, 301-308.	0.4	37
56	The Influence of Comorbidities on Outcomes of Pulmonary Rehabilitation Programs in Patients with COPD: A Systematic Review. BioMed Research International, 2013, 2013, 1-8.	0.9	35
57	Enhancing exercise tolerance and physical activity in COPD with combined pharmacological and non-pharmacological interventions: PHYSACTO randomised, placebo-controlled study design. BMJ Open, 2016, 6, e010106.	0.8	35
58	Moderate Intense Physical Activity Depends on Selected Metabolic Equivalent of Task (MET) Cut-Off and Type of Data Analysis. PLoS ONE, 2013, 8, e84365.	1.1	35
59	Physiological responses during downhill walking. Chronic Respiratory Disease, 2015, 12, 155-164.	1.0	34
60	Both moderate and severe exacerbations accelerate physical activity decline in COPD patients. European Respiratory Journal, 2018, 51, 1702110.	3.1	34
61	COVID-19 recovery: benefits of multidisciplinary respiratory rehabilitation. BMJ Open Respiratory Research, 2021, 8, e000837.	1.2	32
62	Physical Activity of Patients with COPD from Regions with Different Climatic Variations. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2017, 14, 276-283.	0.7	30
63	Technology use by older adults in the Netherlands and its associations with demographics and health outcomes. Assistive Technology, 2017, 29, 188-196.	1.2	29
64	Walking-related digital mobility outcomes as clinical trial endpoint measures: protocol for a scoping review. BMJ Open, 2020, 10, e038704.	0.8	29
65	Validity and reliability of strain gauge measurement of volitional quadriceps force in patients with COPD. Chronic Respiratory Disease, 2017, 14, 289-297.	1.0	27
66	Airways resistance and specific conductance for the diagnosis of obstructive airways diseases. Respiratory Research, 2015, 16, 88.	1.4	26
67	The impact of disease-specific fears on outcome measures of pulmonary rehabilitation in patients with COPD. Respiratory Medicine, 2019, 146, 87-95.	1.3	26
68	Validity and responsiveness of the Daily- and Clinical visit-PROactive Physical Activity in COPD (D-PPAC) Tj ETQq0 0 0 rgBT /Overlock 10	2.7	26
69	Perceptions of Patients With Chronic Obstructive Pulmonary Disease and Their Physiotherapists Regarding the Use of an eHealth Intervention. JMIR Human Factors, 2017, 4, e20.	1.0	26
70	Progression of physical inactivity in COPD patients: the effect of time and climate conditions â€“ a multicenter prospective cohort study . International Journal of COPD, 2019, Volume 14, 1979-1992.	0.9	25
71	Pulmonary rehabilitation for patients with COPD during and after an exacerbation-related hospitalisation: back to the future?. European Respiratory Journal, 2018, 51, 1701312.	3.1	24
72	Objectively Measured Physical Activity in Patients with COPD: Recommendations from an International Task Force on Physical Activity. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2021, 8, 528-550.	0.5	24

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73	Behaviour-change intervention in a multicentre, randomised, placebo-controlled COPD study: methodological considerations and implementation. BMJ Open, 2016, 6, e010109.	0.8	23
74	Strategies to Increase Physical Activity in Chronic Respiratory Diseases. Clinics in Chest Medicine, 2019, 40, 397-404.	0.8	23
75	Pulmonary Rehabilitation. Clinics in Chest Medicine, 2014, 35, 241-249.	0.8	21
76	Physical activity and exercise in obstructive sleep apnea. Acta Clinica Belgica, 2019, 74, 92-101.	0.5	21
77	Introduction of the harmonised respiratory physiotherapy curriculum. Breathe, 2019, 15, 110-115.	0.6	21
78	Effects of downhill walking in pulmonary rehabilitation for patients with COPD: a randomised controlled trial. European Respiratory Journal, 2020, 56, 2000639.	3.1	21
79	Objectively Measured Physical Activity as a COPD Clinical Trial Outcome. Chest, 2021, 160, 2080-2100.	0.4	17
80	The Impact of Loneliness on Outcomes of Pulmonary Rehabilitation in Patients with COPD. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2018, 15, 446-453.	0.7	16
81	Behavioural interventions targeting physical activity improve psychocognitive outcomes in COPD. ERJ Open Research, 2019, 5, 00013-2019.	1.1	15
82	Brain Activations to Dyspnea in Patients With COPD. Frontiers in Physiology, 2020, 11, 7.	1.3	15
83	Physical Activity Characteristics across GOLD Quadrants Depend on the Questionnaire Used. PLoS ONE, 2016, 11, e0151255.	1.1	15
84	The Belgian trial with azithromycin for acute COPD exacerbations requiring hospitalization: an investigator-initiated study protocol for a multicenter, randomized, double-blind, placebo-controlled trial. International Journal of COPD, 2016, 11, 687.	0.9	13
85	Accuracy of consumer-based activity trackers as measuring tool and coaching device in patients with COPD and healthy controls. PLoS ONE, 2020, 15, e0236676.	1.1	13
86	Pulmonary Rehabilitation. Clinics in Chest Medicine, 2014, 35, 303-311.	0.8	12
87	Using dynamics of forced expiration to identify <scp>COPD</scp> where conventional criteria for the <scp>FEV₁</scp>/<scp>FVC</scp> ratio do not match. Respirology, 2015, 20, 925-931.	1.3	11
88	Non-linear parameters of specific resistance loops to characterise obstructive airways diseases. Respiratory Research, 2017, 18, 9.	1.4	11
89	Development of a syllabus for postgraduate respiratory physiotherapy education: the Respiratory Physiotherapy HERMES project. European Respiratory Journal, 2015, 45, 1221-1223.	3.1	9
90	Can health status questionnaires be used as a measure of physical activity in COPD patients?. European Respiratory Journal, 2016, 47, 1565-1568.	3.1	9

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91	Patterns of Physical Activity Progression in Patients With COPD. Archivos De Bronconeumologia, 2021, 57, 214-223.	0.4	9
92	Unexpected improvements of lung function in chronic obstructive pulmonary disease. Respiratory Medicine Case Reports, 2016, 18, 81-84.	0.2	8
93	Clinician-Facilitated Physical Activity Intervention Versus Pulmonary Rehabilitation for Improving Physical Activity in COPD: A Feasibility Study. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2018, 15, 254-264.	0.7	8
94	<scp>AQUA</scp>^{Â©} Questionnaire as prediction tool for atopy in young elite athletes. Pediatric Allergy and Immunology, 2018, 29, 648-650.	1.1	8
95	Early-onset airway damage in early-career elite athletes: AÂrisk factor for exercise-induced bronchoconstriction. Journal of Allergy and Clinical Immunology, 2019, 144, 1423-1425.e9.	1.5	8
96	How resources determine pulmonary rehabilitation programs: A survey among Belgian chest physicians. Chronic Respiratory Disease, 2019, 16, 147997231876773.	1.0	7
97	Lung volume reduction in emphysema: a pragmatic prospective cohort study. ERJ Open Research, 2021, 7, 00877-2020.	1.1	7
98	Mechanisms associated with increased physical activity in patients undergoing self-management behaviour modification in the randomised PHYSACTO trial. ERJ Open Research, 2021, 7, 00533-2020.	1.1	7
99	The European Respiratory Society's 10 Principles for Lung Health. European Respiratory Journal, 2018, 52, 1801373.	3.1	6
100	Physical inactivity in patients with COPD: the next step is â€¦ action. Primary Care Respiratory Journal: Journal of the General Practice Airways Group, 2013, 22, 391-392.	2.5	5
101	A guide for respiratory physiotherapy postgraduate education: presentation ofÂthe harmonised curriculum. European Respiratory Journal, 2019, 53, 1900320.	3.1	5
102	Health status deterioration in subjects with mild to moderate airflow obstruction, a six years observational study. Respiratory Research, 2019, 20, 93.	1.4	5
103	Multidisciplinary Perspectives on the Importance of Physical Activity in COPD. Archivos De Bronconeumologia, 2019, 55, 551-552.	0.4	5
104	Interview with Prof. Dr Richard Casaburi, Presidential Awardee 2020. Breathe, 2020, 16, 200249.	0.6	5
105	Physical Activity Levels of Breast Cancer Patients Before Diagnosis Compared to a Reference Population: A Cross-Sectional Comparative Study. Clinical Breast Cancer, 2022, 22, e708-e717.	1.1	5
106	Six years progression of exercise capacity in subjects with mild to moderate airflow obstruction, smoking and never smoking controls. PLoS ONE, 2018, 13, e0208841.	1.1	3
107	Expanding the spectrum of European Respiratory Society official scientific documents: short documents complement clinical practice guidelines, statements and technical standards. European Respiratory Journal, 2020, 55, 2001030.	3.1	3
108	High-Intensity Training for 6 Months Safely, but Only Temporarily, Improves Exercise Capacity in Selected Solid Organ Transplant Recipients. Transplantation Proceedings, 2021, 53, 1836-1845.	0.3	3

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109	Differential Outcomes Following 4 Weeks of Aclidinium/Formoterol in Patients with COPD: A Reanalysis of the ACTIVATE Study. International Journal of COPD, 2022, Volume 17, 517-533.	0.9	3
110	The European Respiratory Society: ensuring excellence through education best practice. European Respiratory Journal, 2018, 52, 1801248.	3.1	2
111	The combination of smoking with vitamin D deficiency impairs skeletal muscle fiber hypertrophy in response to overload in mice. Journal of Applied Physiology, 2021, 131, 339-351.	1.2	2
112	The 6-min walk test in patients with COPD: walk this way!. Thorax, 2015, 70, 86.1-86.	2.7	1
113	Patterns of Physical Activity Progression in Patients With COPD. Archivos De Bronconeumologia, 2021, 57, 214-223.	0.4	1
114	Should European Respiratory Society meetings come with a health warning?. Breathe, 2015, 11, 279-281.	0.6	0
115	Multidisciplinary Perspectives on the Importance of Physical Activity in COPD. Archivos De Bronconeumologia, 2019, 55, 551-552.	0.4	0
116	Respiratory physiotherapy. , 2019, , 232-238.		0
117	Critically appraised paper: In people with chronic respiratory disease, telerehabilitation was equivalent to centre-based pulmonary rehabilitation at improving exercise capacity but may not be for dyspnoea [commentary]. Journal of Physiotherapy, 2022, 68, 143-143.	0.7	0