J Alberto Neder

List of Publications by Year
in descending order

227 papers	8,367 citations	47006 47 h-index	58581 82 g-index
231 all docs	231 docs citations	231 times ranked	5922 citing authors

#	Article	IF	Citations
1	Reference values for lung function tests: II. Maximal respiratory pressures and voluntary ventilation. Brazilian Journal of Medical and Biological Research, 1999, 32, 719-727.	1.5	657
2	ERS statement on respiratory muscle testing at rest and during exercise. European Respiratory Journal, 2019, 53, 1801214.	6.7	379
3	Use of exercise testing in the evaluation of interventional efficacy: an official ERS statement. European Respiratory Journal, 2016, 47, 429-460.	6.7	311
4	Home based neuromuscular electrical stimulation as a new rehabilitative strategy for severely disabled patients with chronic obstructive pulmonary disease (COPD). Thorax, 2002, 57, 333-337.	5.6	262
5	Reference values for lung function tests: I. Static volumes. Brazilian Journal of Medical and Biological Research, 1999, 32, 703-717.	1.5	225
6	Common Mechanisms of Dyspnea in Chronic Interstitial and Obstructive Lung Disorders. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 299-309.	5.6	196
7	Periodic breathing during incremental exercise predicts mortality in patients with chronic heart failure evaluated for cardiac transplantation. Journal of the American College of Cardiology, 2003, 41, 2175-2181.	2.8	180
8	Pulmonary Gas Exchange Abnormalities in Mild Chronic Obstructive Pulmonary Disease. Implications for Dyspnea and Exercise Intolerance. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 1384-1394.	5.6	180
9	Prediction of metabolic and cardiopulmonary responses to maximum cycle ergometry: a randomised study. European Respiratory Journal, 1999, 14, 1304-1313.	6.7	173
10	ERS statement on standardisation of cardiopulmonary exercise testing in chronic lung diseases. European Respiratory Review, 2019, 28, 180101.	7.1	167
11	Respiratory muscle unloading improves leg muscle oxygenation during exercise in patients with COPD. Thorax, 2008, 63, 910-915.	5.6	136
12	Reference values for lung function tests: III. Carbon monoxide diffusing capacity (transfer factor). Brazilian Journal of Medical and Biological Research, 1999, 32, 729-737.	1.5	134
13	Determinants of the Exercise Endurance Capacity in Patients with Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2000, 162, 497-504.	5.6	133
14	Exercise ventilatory inefficiency in mild to end-stage COPD. European Respiratory Journal, 2015, 45, 377-387.	6.7	122
15	Reference Values for Dynamic Responses to Incremental Cycle Ergometry in Males and Females Aged 20 to 80. American Journal of Respiratory and Critical Care Medicine, 2001, 164, 1481-1486.	5.6	121
16	Heliox Improves Oxygen Delivery and Utilization during Dynamic Exercise in Patients with Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2009, 179, 1004-1010.	5.6	117
17	Short term effects of aerobic training in the clinical management of moderate to severe asthma in children. Thorax, 1999, 54, 202-206.	5.6	113
18	Chronic Obstructive Pulmonary Disease. Clinics in Chest Medicine, 2014, 35, 51-69.	2.1	112

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19	Reference Values for Concentric Knee Isokinetic Strength and Power in Nonathletic Men and Women from 20 to 80 Years Old. Journal of Orthopaedic and Sports Physical Therapy, 1999, 29, 116-126.	3.5	110
20	Mechanisms of exercise intolerance in Global Initiative for Chronic Obstructive Lung Disease grade 1 COPD. European Respiratory Journal, 2014, 44, 1177-1187.	6.7	110
21	Creatine supplementation during pulmonary rehabilitation in chronic obstructive pulmonary disease. Thorax, 2005, 60, 531-537.	5.6	109
22	Dyspnea in COPD: New Mechanistic Insights and Management Implications. Advances in Therapy, 2020, 37, 41-60.	2.9	105
23	Inspiratory muscle training reduces diaphragm activation and dyspnea during exercise in COPD. Journal of Applied Physiology, 2018, 125, 381-392.	2.5	104
24	Respiratory muscle function and exercise intolerance in heart failure. Current Heart Failure Reports, 2009, 6, 95-101.	3.3	103
25	Kinetics of muscle deoxygenation are accelerated at the onset of heavy-intensity exercise in patients with COPD: relationship to central cardiovascular dynamics. Journal of Applied Physiology, 2008, 104, 1341-1350.	2.5	100
26	A step test to assess exercise-related oxygen desaturation in interstitial lung disease. European Respiratory Journal, 2006, 29, 330-336.	6.7	99
27	Inspiratory fraction and exercise impairment in COPD patients GOLD stages II-III. European Respiratory Journal, 2006, 28, 939-944.	6.7	85
28	Effects of respiratory muscle unloading on leg muscle oxygenation and blood volume during high-intensity exercise in chronic heart failure. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 294, H2465-H2472.	3.2	82
29	When Obesity and Chronic Obstructive Pulmonary Disease Collide. Physiological and Clinical Consequences. Annals of the American Thoracic Society, 2014, 11, 635-644.	3.2	82
30	The pattern and timing of breathing during incremental exercise: a normative study. European Respiratory Journal, 2003, 21, 530-538.	6.7	81
31	Physiological and clinical relevance of exercise ventilatory efficiency in COPD. European Respiratory Journal, 2017, 49, 1602036.	6.7	74
32	Exertional dyspnoea in COPD: the clinical utility of cardiopulmonary exercise testing. European Respiratory Review, 2016, 25, 333-347.	7.1	72
33	Advances in the Evaluation of Respiratory Pathophysiology during Exercise in Chronic Lung Diseases. Frontiers in Physiology, 2017, 8, 82.	2.8	71
34	Mechanisms of exertional dyspnoea in symptomatic smokers without COPD. European Respiratory Journal, 2016, 48, 694-705.	6.7	70
35	Heart rate recovery in pulmonary arterial hypertension: Relationship with exercise capacity and prognosis. American Heart Journal, 2012, 163, 580-588.	2.7	67
36	Impact of chronic obstructive pulmonary disease on exercise ventilatory efficiency in heart failure. International Journal of Cardiology, 2015, 189, 134-140.	1.7	66

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37	Asbestos-related diseases of the lungs and pleura: uses, trends and management over the last century. International Journal of Tuberculosis and Lung Disease, 2007, 11, 356-69.	1.2	61
38	Maximal aerobic power and leg muscle mass and strength related to age in non-athletic males and females. European Journal of Applied Physiology, 1999, 79, 522-530.	2.5	58
39	Excess Ventilation in Chronic Obstructive Pulmonary Diseaseâ€"Heart Failure Overlap. Implications for Dyspnea and Exercise Intolerance. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 1264-1274.	5.6	58
40	Bronchodilators accelerate the dynamics of muscle O2 delivery and utilisation during exercise in COPD. Thorax, 2010, 65, 588-593.	5.6	56
41	Does expiratory muscle activity influence dynamic hyperinflation and exertional dyspnea in COPD?. Respiratory Physiology and Neurobiology, 2014, 199, 24-33.	1.6	56
42	The effect of age on the power/duration relationship and the intensity-domain limits in sedentary men. European Journal of Applied Physiology, 2000, 82, 326-332.	2.5	55
43	Dietary nitrate supplementation and exercise tolerance in patients with heart failure with reduced ejection fraction. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2017, 312, R13-R22.	1.8	54
44	Lung hyperinflation in chronic obstructive pulmonary disease: mechanisms, clinical implications and treatment. Expert Review of Respiratory Medicine, 2014, 8, 731-749.	2.5	53
45	A Simplified Strategy for the Estimation of the Exercise Ventilatory Thresholds. Medicine and Science in Sports and Exercise, 2006, 38, 1007-1013.	0.4	50
46	Microvascular oxygen delivery-to-utilization mismatch at the onset of heavy-intensity exercise in optimally treated patients with CHF. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 297, H1720-H1728.	3.2	50
47	The Link between Reduced Inspiratory Capacity and Exercise Intolerance in Chronic Obstructive Pulmonary Disease. Annals of the American Thoracic Society, 2017, 14, S30-S39.	3.2	50
48	Sildenafil improves microvascular O₂ delivery-to-utilization matching and accelerates exercise O₂ uptake kinetics in chronic heart failure. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 303, H1474-H1480.	3.2	49
49	Maximal Inspiratory Pressure. Chest, 2017, 152, 32-39.	0.8	48
50	Effects of formoterol on exercise tolerance in severely disabled patients with COPD. Respiratory Medicine, 2007, 101, 2056-2064.	2.9	44
51	Effect of aerobic training on ventilatory muscle endurance of spinal cord injured men. Spinal Cord, 1998, 36, 240-245.	1.9	42
52	Ventilatory Inefficiency and Exertional Dyspnea in Early Chronic Obstructive Pulmonary Disease. Annals of the American Thoracic Society, 2017, 14, S22-S29.	3.2	41
53	The Pathophysiology of Dyspnea and Exercise Intolerance in Chronic Obstructive Pulmonary Disease. Clinics in Chest Medicine, 2019, 40, 343-366.	2.1	41
54	Exercise Ventilatory Inefficiency Adds to Lung Function in Predicting Mortality in COPD. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2016, 13, 416-424.	1.6	40

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55	Emphysema on Thoracic CT and Exercise Ventilatory Inefficiency in Mild-to-Moderate COPD. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2017, 14, 210-218.	1.6	39
56	Contribution of central and peripheral adaptations to changes in maximal oxygen uptake following 4 weeks of sprint interval training. Applied Physiology, Nutrition and Metabolism, 2018, 43, 1059-1068.	1.9	38
57	Low resting diffusion capacity, dyspnea, and exercise intolerance in chronic obstructive pulmonary disease. Journal of Applied Physiology, 2019, 127, 1107-1116.	2.5	38
58	Inspiratory Constraints and Ventilatory Inefficiency Are Superior to Breathing Reserve in the Assessment of Exertional Dyspnea in COPD. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2019, 16, 174-181.	1.6	35
59	Optimizing the evaluation of excess exercise ventilation for prognosis assessment in pulmonary arterial hypertension. European Journal of Preventive Cardiology, 2014, 21, 1409-1419.	1.8	34
60	Incorporating Lung Diffusing Capacity for Carbon Monoxide in Clinical Decision Making in Chest Medicine. Clinics in Chest Medicine, 2019, 40, 285-305.	2.1	34
61	Ventilation Distribution Heterogeneity at Rest as a Marker of Exercise Impairment in Mild-to-Advanced COPD. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2015, 12, 252-259.	1.6	32
62	Physiologic Characterization of the Chronic Bronchitis Phenotype in GOLD Grade IB COPD. Chest, 2015, 147, 1235-1245.	0.8	32
63	Physiological impairment in mild <scp>COPD</scp>. Respirology, 2016, 21, 211-223.	2.3	31
64	Resting Physiological Correlates of Reduced Exercise Capacity in Smokers with Mild Airway Obstruction. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2017, 14, 267-275.	1.6	31
65	Using Cardiopulmonary Exercise Testing to Understand Dyspnea and Exercise Intolerance in Respiratory Disease. Chest, 2022, 161, 1505-1516.	0.8	31
66	Current challenges in managing comorbid heart failure and COPD. Expert Review of Cardiovascular Therapy, 2018, 16, 653-673.	1.5	30
67	Unraveling the Causes of Unexplained Dyspnea. Clinics in Chest Medicine, 2019, 40, 471-499.	2.1	30
68	Clinical, Radiographic and Functional Predictors of Pulmonary Gas Exchange Impairment at Moderate Exercise in Patients with Sarcoidosis. Respiration, 2004, 71, 367-373.	2.6	29
69	Effective Bronchoscopic Lung Volume Reduction Accelerates Exercise Oxygen Uptake Kinetics in Emphysema. Chest, 2016, 149, 435-446.	0.8	29
70	Exercise Ventilation in COPD: Influence of Systolic Heart Failure. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2016, 13, 693-699.	1.6	29
71	Kinetics of skeletal muscle O2 delivery and utilization at the onset of heavy-intensity exercise in pulmonary arterial hypertension. European Journal of Applied Physiology, 2011, 111, 1851-1861.	2.5	28
72	Thin-Section CT Abnormalities and Pulmonary Gas Exchange Impairment in Workers Exposed to Asbestos. Radiology, 2004, 232, 66-74.	7.3	27

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73	Constant Work-Rate Test to Assess the Effects of Intradialytic Aerobic Training in Mildly Impaired Patients With End-Stage Renal Disease: A Randomized Controlled Trial. Archives of Physical Medicine and Rehabilitation, 2011, 92, 2018-2024.	0.9	27
74	Exercise Intolerance in Pulmonary Arterial Hypertension. The Role of Cardiopulmonary Exercise Testing. Annals of the American Thoracic Society, 2015, 12, 604-612.	3.2	27
75	Locomotor Muscles in COPD: The Rationale for Rehabilitative Exercise Training. Frontiers in Physiology, 2019, 10, 1590.	2.8	27
76	Scaling skeletal muscle function to mass in patients with moderate-to-severe COPD. European Journal of Applied Physiology, 2006, 98, 482-488.	2.5	26
77	Effects of oxygen supplementation on cerebral oxygenation during exercise in chronic obstructive pulmonary disease patients not entitled to longâ€term oxygen therapy. Clinical Physiology and Functional Imaging, 2012, 32, 52-58.	1.2	26
78	Differences in respiratory muscle activity during cycling and walking do not influence dyspnea perception in obese patients with COPD. Journal of Applied Physiology, 2014, 117, 1292-1301.	2.5	26
79	Heart Failure Impairs Muscle Blood Flow and Endurance Exercise Tolerance in COPD. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2016, 13, 407-415.	1.6	26
80	Effects of heart failure on cerebral blood flow in COPD: Rest and exercise. Respiratory Physiology and Neurobiology, 2016, 221, 41-48.	1.6	25
81	Alternative strategies for exercise critical power estimation in patients with COPD. European Journal of Applied Physiology, 2006, 96, 59-65.	2.5	24
82	Does exercise test modality influence dyspnoea perception in obese patients with COPD?. European Respiratory Journal, 2014, 43, 1621-1630.	6.7	24
83	Influence of respiratory pressure support on hemodynamics and exercise tolerance in patients with COPD. European Journal of Applied Physiology, 2010, 109, 681-689.	2.5	23
84	Does impaired O2 delivery during exercise accentuate central and peripheral fatigue in patients with coexistent COPD-CHF?. Frontiers in Physiology, 2014, 5, 514.	2.8	23
85	Effect of age-related ventilatory inefficiency on respiratory sensation during exercise. Respiratory Physiology and Neurobiology, 2015, 205, 129-139.	1.6	23
86	Blood Lactate during Recovery from Intense Exercise. Medicine and Science in Sports and Exercise, 2008, 40, 111-116.	0.4	22
87	Respiratory Factors Contributing to Exercise Intolerance in Breast Cancer Survivors: A Case-Control Study. Journal of Pain and Symptom Management, 2016, 52, 54-63.	1.2	22
88	Clinical and Prognostic Impact of Low Diffusing Capacity for Carbon Monoxide Values in Patients With Global Initiative for Obstructive Lung Disease I COPD. Chest, 2021, 160, 872-878.	0.8	22
89	Sildenafil improves skeletal muscle oxygenation during exercise in men with intermittent claudication. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2014, 307, R396-R404.	1.8	21
90	Oxygen delivery-utilization mismatch in contracting locomotor muscle in COPD: peripheral factors. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 308, R105-R111.	1.8	21

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91	Physiological and sensory consequences of exercise oscillatory ventilation in heart failure-COPD. International Journal of Cardiology, 2016, 224, 447-453.	1.7	21
92	Ventilation Heterogeneity in Never-smokers and COPD:. Academic Radiology, 2016, 23, 398-405.	2.5	21
93	The role of evaluating inspiratory constraints and ventilatory inefficiency in the investigation of dyspnea of unclear etiology. Respiratory Medicine, 2019, 158, 6-13.	2.9	21
94	Is the Slow Vital Capacity Clinically Useful to Uncover Airflow Limitation in Subjects With Preserved FEV1/FVC Ratio?. Chest, 2019, 156, 497-506.	0.8	21
95	Exercise oxygen uptake efficiency slope independently predicts poor outcome in pulmonary arterial hypertension. European Respiratory Journal, 2014, 43, 1510-1512.	6.7	20
96	Clinical and Physiologic Implications of Negative Cardiopulmonary Interactions in Coexisting Chronic Obstructive Pulmonary Disease-Heart Failure. Clinics in Chest Medicine, 2019, 40, 421-438.	2.1	20
97	A Frame of Reference for Assessing the Intensity of Exertional Dyspnoea During Incremental Cycle Ergometry. European Respiratory Journal, 2020, 56, 2000191.	6.7	19
98	Breathing at Extremes. Chest, 2020, 158, 1576-1585.	0.8	19
99	Heart Rate at the Estimated Lactate Threshold in Patients With Chronic Obstructive Pulmonary Disease: Effects on the Target Intensity for Dynamic Exercise Training. Journal of Cardiopulmonary Rehabilitation and Prevention, 2000, 20, 369-376.	0.5	19
100	Impaired Ventilatory Efficiency, Dyspnea, and Exercise Intolerance in Chronic Obstructive Pulmonary Disease: Results from the CanCOLD Study. American Journal of Respiratory and Critical Care Medicine, 2022, 205, 1391-1402.	5.6	19
101	Non-malignant consequences of decreasing asbestos exposure in the Brazil chrysotile mines and mills. Occupational and Environmental Medicine, 2005, 62, 381-389.	2.8	18
102	Asbestos-related Disease. Journal of Thoracic Imaging, 2008, 23, 251-257.	1.5	18
103	Effects of hyperoxia on the dynamics of skeletal muscle oxygenation at the onset of heavy-intensity exercise in patients with COPD. Respiratory Physiology and Neurobiology, 2010, 172, 8-14.	1.6	18
104	Pharmacological management of breathlessness in COPD: recent advances and hopes for the future. Expert Review of Respiratory Medicine, 2016, 10, 823-834.	2.5	18
105	The Integrative Physiology of Exercise Training in Patients with COPD. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2019, 16, 182-195.	1.6	18
106	Oxygen Cost for Cycling as Related to Leg Mass in Males and Females, Aged 20 to 801. International Journal of Sports Medicine, 2000, 21, 263-269.	1.7	17
107	Inspiratory resistive loading after all-out exercise improves subsequent performance. European Journal of Applied Physiology, 2009, 106, 297-303.	2.5	17
108	Haemodynamic effects of proportional assist ventilation during highâ€intensity exercise in patients with chronic obstructive pulmonary disease. Respirology, 2010, 15, 1185-1191.	2.3	17

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109	Lung diffusing capacity relates better to shortâ€term progression on HRCT abnormalities than spirometry in mild asbestosis. American Journal of Industrial Medicine, 2011, 54, 185-193.	2.1	17
110	Should Mild COPD Be Treated? Evidence for Early Pharmacological Intervention. Drugs, 2013, 73, 1991-2001.	10.9	17
111	Signalâ€morphology impedance cardiography during incremental cardiopulmonary exercise testing in pulmonary arterial hypertension. Clinical Physiology and Functional Imaging, 2012, 32, 343-352.	1.2	16
112	Heart failure impairs cerebral oxygenation during exercise in patients with COPD. European Respiratory Journal, 2013, 42, 1423-1426.	6.7	16
113	Acute bronchodilator therapy does not reduce wasted ventilation during exercise in COPD. Respiratory Physiology and Neurobiology, 2018, 252-253, 64-71.	1.6	16
114	Exercise intolerance in comorbid COPD and heart failure: the role of impairedÂaerobic function. European Respiratory Journal, 2019, 53, 1802386.	6.7	16
115	Uncovering the mechanisms of exertional dyspnoea in combined pulmonary fibrosis and emphysema. European Respiratory Journal, 2020, 55, 1901319.	6.7	16
116	Clinical usefulness of end-tidal CO2 profiles during incremental exercise in patients with chronic thromboembolic pulmonary hypertension. Respiratory Medicine, 2016, 120, 70-77.	2.9	15
117	Cerebral microvascular blood flow and CO 2 reactivity in pulmonary arterial hypertension. Respiratory Physiology and Neurobiology, 2016, 233, 60-65.	1.6	15
118	Clinical Interpretation of Cardiopulmonary Exercise Testing: Current Pitfalls and Limitations. Frontiers in Physiology, 2021, 12, 552000.	2.8	15
119	Residual Exertional Dyspnea in Cardiopulmonary Disease. Annals of the American Thoracic Society, 2020, 17, 1516-1525.	3.2	15
120	Clinical Role of Rapid-Incremental Tests in the Evaluation of Exercise-Induced Bronchoconstriction. Chest, 2005, 128, 2435-2442.	0.8	14
121	Impaired exercise ventilatory efficiency in smokers with low transfer factor but normal spirometry. European Respiratory Journal, 2017, 49, 1602511.	6.7	14
122	Mild chronic obstructive pulmonary disease: why spirometry is not sufficient!. Expert Review of Respiratory Medicine, 2017, 11, 549-563.	2.5	14
123	Dyspnea and Exercise Limitation in Mild COPD: The Value of CPET. Frontiers in Medicine, 2020, 7, 442.	2.6	14
124	Exercise Tolerance according to the Definition of Airflow Obstruction in Smokers. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 760-762.	5.6	14
125	The Lung Function Laboratory to Assist Clinical Decision-making in Pulmonology. Chest, 2020, 158, 1629-1643.	0.8	14
126	Kinetics analysis of muscle arterialâ€“venous O2 difference profile during exercise. Respiratory Physiology and Neurobiology, 2010, 173, 51-57.	1.6	13

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127	Exercise tolerance with helium-hyperoxiaversushyperoxia in hypoxaemic patients with COPD. European Respiratory Journal, 2013, 42, 362-370.	6.7	13
128	Intra-dialytic training accelerates oxygen uptake kinetics in hemodialysis patients. European Journal of Preventive Cardiology, 2015, 22, 912-919.	1.8	13
129	Does Exercise Ventilatory Inefficiency Predict Poor Outcome in Heart Failure Patients With COPD?. Journal of Cardiopulmonary Rehabilitation and Prevention, 2016, 36, 454-459.	2.1	13
130	Qualitative Components of Dyspnea during Incremental Exercise across the COPD Continuum. Medicine and Science in Sports and Exercise, 2021, 53, 2467-2476.	0.4	13
131	Clinical Relevance of Inter-Method Differences in Fat-Free Mass Estimation in Chronic Obstructive Pulmonary Disease. Respiration, 2003, 70, 585-593.	2.6	12
132	Additive effects of nonâ€invasive ventilation to hyperoxia on cerebral oxygenation in <scp>COPD</scp> patients with exerciseâ€related O₂ desaturation. Clinical Physiology and Functional Imaging, 2013, 33, 274-281.	1.2	12
133	Oral N-acetylcysteine and exercise tolerance in mild chronic obstructive pulmonary disease. Journal of Applied Physiology, 2017, 122, 1351-1361.	2.5	12
134	Systemic vascular dysfunction is associated with emphysema burden in mild COPD. Respiratory Medicine, 2018, 136, 29-36.	2.9	12
135	Deterioration of Nighttime Respiratory Mechanics in COPD. Chest, 2021, 159, 116-127.	0.8	12
136	Oxygen supplementation during exercise improves leg muscle fatigue in chronic fibrotic interstitial lung disease. Thorax, 2021, 76, 672-680.	5.6	12
137	Reduced exercise tolerance in mild chronic obstructive pulmonary disease: The contribution of combined abnormalities of diffusing capacity for carbon monoxide and ventilatory efficiency. Respirology, 2021, 26, 786-795.	2.3	12
138	Chronic breathlessness in patients with idiopathic pulmonary fibrosis: a major challenge for caregivers. Expert Review of Respiratory Medicine, 2016, 10, 1295-1303.	2.5	11
139	Elevated exercise ventilation in mild COPD is not linked to enhanced central chemosensitivity. Respiratory Physiology and Neurobiology, 2021, 284, 103571.	1.6	11
140	Transfer coefficient of the lung for carbon monoxide and the accessible alveolar volume: clinically useful if used wisely. Breathe, 2019, 15, 69-76.	1.3	10
141	Does oxygen pulse trajectory during incremental exercise discriminate impaired oxygen delivery from poor muscle oxygen utilisation?. ERJ Open Research, 2019, 5, 00108-2018.	2.6	10
142	Lung Function Testing in Chronic Obstructive Pulmonary Disease. Clinics in Chest Medicine, 2020, 41, 347-366.	2.1	10
143	Abnormal patterns of response to incremental CPET. , 0, , 34-58.		10
144	Skeletal muscle reoxygenation after high-intensity exercise in mitochondrial myopathy. European Journal of Applied Physiology, 2012, 112, 1763-1771.	2.5	9

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145	Inspiratory resistance decreases limb blood flow in COPD patients with heart failure. European Respiratory Journal, 2014, 43, 1507-1510.	6.7	9
146	Sympathetic ganglion transcutaneous electrical nerve stimulation after coronary artery bypass graft surgery improves femoral blood flow and exercise tolerance. Journal of Applied Physiology, 2014, 117, 633-638.	2.5	9
147	A practical approach to assess leg muscle oxygenation during ramp-incremental cycle ergometry in heart failure. Brazilian Journal of Medical and Biological Research, 2017, 50, e6327.	1.5	9
148	Sensory-mechanical effects of a dual bronchodilator and its anticholinergic component in COPD. Respiratory Physiology and Neurobiology, 2018, 247, 116-125.	1.6	9
149	Evaluation of Dynamic Respiratory Mechanical Abnormalities During Conventional CPET. Frontiers in Medicine, 2020, 7, 548.	2.6	9
150	Influence of exertional hypoxemia on cerebral oxygenation in fibrotic interstitial lung disease. Respiratory Physiology and Neurobiology, 2021, 285, 103601.	1.6	9
151	Excess ventilation and exertional dyspnoea in heart failure and pulmonary hypertension. European Respiratory Journal, 0, , 2200144.	6.7	9
152	Peak &OV0312;O2 correction for fat-free mass estimated by anthropometry and DEXA. Medicine and Science in Sports and Exercise, 2001, 33, 1968-1975.	0.4	8
153	Inspiratory muscle weakness contributes to exertional dyspnea in chronic thromboembolic pulmonary hypertension. PLoS ONE, 2018, 13, e0204072.	2.5	8
154	On the complexities of measuring exercise â€œventilatory efficiencyâ€•in obstructive lung diseases. Pediatric Pulmonology, 2020, 55, 280-282.	2.0	8
155	Exertional dyspnoeaâ€“ventilation relationship to discriminate respiratory from cardiac impairment. European Respiratory Journal, 2020, 55, 1901518.	6.7	8
156	Mechanisms of Exertional Dyspnea in Patients with Mild COPD and a Low Resting DL_{CO}. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2021, 18, 501-510.	1.6	8
157	VÌ‡/QÌ‡ Mismatch. Chest, 2022, 162, 1030-1047.	0.8	8
158	A Simplified Approach to Select Exercise Endurance Intensity for Interventional Studies in COPD. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2018, 15, 139-147.	1.6	7
159	Reduced exercise ventilatory efficiency in adults with cystic fibrosis and normal to moderately impaired lung function. Journal of Applied Physiology, 2019, 127, 501-512.	2.5	7
160	Mechanisms of orthopnoea in patients with advanced COPD. European Respiratory Journal, 2021, 57, 2000754.	6.7	7
161	Skeletal muscle ergoreflex overactivity is not related to exercise ventilatory inefficiency in non-hypoxaemic patients with COPD. European Journal of Applied Physiology, 2007, 101, 705-712.	2.5	6
162	Reliability of peak O2 uptake and O2 uptake kinetics in step exercise tests in healthy subjects. Respiratory Physiology and Neurobiology, 2015, 207, 7-13.	1.6	6

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163	A 56-Year-Old, Otherwise Healthy Woman Presenting With Light-headedness and Progressive Shortness of Breath. Chest, 2016, 150, e23-e27.	0.8	6
164	Insights into ventilationâ€“gas exchange coupling in chronic thromboembolic pulmonary hypertension. European Respiratory Journal, 2016, 48, 252-254.	6.7	6
165	Is the six-minute walk test a useful tool to prescribe high-intensity exercise in patients with chronic obstructive pulmonary disease?. Heart and Lung: Journal of Acute and Critical Care, 2016, 45, 550-556.	1.6	6
166	Excess ventilation in COPD: Implications for dyspnoea and tolerance to interval exercise. Respiratory Physiology and Neurobiology, 2018, 250, 7-13.	1.6	6
167	Effects of lung deflation induced by tiotropium/olodaterol on the cardiocirculatory responses to exertion in COPD. Respiratory Medicine, 2019, 157, 59-68.	2.9	6
168	Functional respiratory assessment: some key misconceptions and their clinical implications. Thorax, 2021, 76, 644-646.	5.6	6
169	Proportional Assist Ventilation Improves Leg Muscle Reoxygenation After Exercise in Heart Failure With Reduced Ejection Fraction. Frontiers in Physiology, 2021, 12, 685274.	2.8	6
170	Exertional ventilation/carbon dioxide output relationship in COPD: from physiological mechanisms to clinical applications. European Respiratory Review, 2021, 30, 200190.	7.1	6
171	Do interindividual differences in cardiac output during submaximal exercise explain differences in exercising muscle oxygenation and ratings of perceived exertion?. Physiological Reports, 2018, 6, e13570.	1.7	5
172	Impact of a Specialized Ambulatory Clinic on Refractory Breathlessness in Subjects With Advanced COPD. Respiratory Care, 2020, 65, 444-454.	1.6	5
173	Heart, lungs, and muscle interplay in worsening activity-related breathlessness in advanced cardiopulmonary disease. Current Opinion in Supportive and Palliative Care, 2020, 14, 157-166.	1.3	5
174	Exercise testing in the evaluation of pharmacotherapy in COPD. , 0, , 235-250.		5
175	Compensatory responses to increased mechanical abnormalities in COPD during sleep. European Journal of Applied Physiology, 2022, 122, 663-676.	2.5	5
176	Breathing pattern of athletes with cerebral palsy. Developmental Medicine and Child Neurology, 2005, 47, 286-287.	2.1	4
177	Update on Nonsurgical Lung Volume Reduction Procedures. Canadian Respiratory Journal, 2016, 2016, 1-6.	1.6	4
178	Characteristics associated with mortality in patients with chronic obstructive pulmonary disease (COPD)â€“heart failure coexistence. Primary Health Care Research and Development, 2018, 19, 570-574.	1.2	4
179	Cardiopulmonary and Muscular Interactions: Potential Implications for Exercise (In)tolerance in Symptomatic Smokers Without Chronic Obstructive Pulmonary Disease. Frontiers in Physiology, 2019, 10, 859.	2.8	4
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