

Standardisation of the measurement of lung volumes

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Pulmonary-Respiratory Medicine. JAMA - Journal of the American Medical Association, 2001, 285, 943.	7.4	0
2	The ATS/ERS consensus on clinical pulmonary function testing. Breathe, 2005, 2, 9-10.	1.3	3
3	General considerations for lung function testing. European Respiratory Journal, 2005, 26, 153-161.	6.7	1,661
4	Coming together: the ATS/ERS consensus on clinical pulmonary function testing. European Respiratory Journal, 2005, 26, 1-2.	6.7	259
5	Standardisation of spirometry. European Respiratory Journal, 2005, 26, 319-338.	6.7	12,939
6	Interpretative strategies for lung function tests. European Respiratory Journal, 2005, 26, 948-968.	6.7	4,712
7	Pulmonary complications: one of the most challenging complications of systemic sclerosis. Rheumatology, 2006, 48, iii40-iii44.	1.9	77
8	Comparison between total lung capacity and residual volume values obtained by pletysmography and single breath methods with methane. Revista Portuguesa De Pneumologia, 2006, 12, 659-667.	0.7	0
9	Pruebas de funci?n respiratoria. Medicine, 2006, 9, 4385-4392.	0.0	1
10	Compara?o dos valores da capacidade pulmonar total e do volume residual obtidos pelas tcnicas pletismogr?fica e de respira?o ?nica com metano. Revista Portuguesa De Pneumologia, 2006, 12, 659-667.	0.7	1
11	What???s New in Pulmonary Function Testing?. Clinical Pulmonary Medicine, 2006, 13, 353-355.	0.3	0
13	Letter to the Editor. Journal of Applied Physiology, 2006, 101, 1812-1812.	2.5	2
14	Longitudinal changes in hyperinflation parameters and exercise capacity after giant bullous emphysema surgery. Journal of Thoracic and Cardiovascular Surgery, 2006, 132, 1203-1207.	0.8	18
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16	Standardisation of lung function testing: helpful guidance from the ATS/ERS Task Force. Thorax, 2006, 61, 744-746.	5.6	175
17	Effects of rehabilitation on chest wall volume regulation during exercise in COPD patients. European Respiratory Journal, 2006, 29, 284-291.	6.7	53
18	Comparison of Total-Breath and Single-Breath Diffusing Capacity in Healthy Volunteers and COPD Patients. Chest, 2007, 131, 237-244.	0.8	12
19	Spirometer Calibration Checks. Chest, 2007, 131, 1486-1493.	0.8	14

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20	Variations in Physician Interpretation of Overnight Pulse Oximetry Monitoring. Chest, 2007, 132, 852-859.	0.8	44
21	Comparison of High-Frequency Chest Wall Oscillation With Differing Waveforms for Airway Clearance in Cystic Fibrosis. Chest, 2007, 132, 1227-1232.	0.8	17
22	Lung clearance index is a sensitive, repeatable and practical measure of airways disease in adults with cystic fibrosis. Thorax, 2007, 63, 135-140.	5.6	193
23	Review Series: Lung function made easy: Assessing lung size. Chronic Respiratory Disease, 2007, 4, 151-157.	2.4	11
24	Soluble Triggering Receptor Expressed on Myeloid Cells 1 Is Released in Patients with Stable Chronic Obstructive Pulmonary Disease. Clinical and Developmental Immunology, 2007, 2007, 1-7.	3.3	60
25	Effects of a Program of Hospital-Supervised Chest Physical therapy on Lung Function Tests in Children with Chronic Respiratory Disease: 1-Year Follow-up. International Journal of Immunopathology and Pharmacology, 2007, 20, 841-845.	2.1	24
26	Induced sputum as a tool for early detection of airway inflammation in connective diseases-related lung involvement. Respiratory Medicine, 2007, 101, 1383-1389.	2.9	16
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41	P3-220: Pulmonary function tests as a predictor of quantitative and qualitative outcomes after thoracic surgery for lung cancer. Journal of Thoracic Oncology, 2007, 2, S773-S774.	1.1	0
42	Do supervised weekly exercise programs maintain functional exercise capacity and quality of life, twelve months after pulmonary rehabilitation in COPD?. BMC Pulmonary Medicine, 2007, 7, 7.	2.0	11
43	Standardizing lung function laboratories for multicenter trials. Pediatric Pulmonology, 2007, 42, 51-59.	2.0	7

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54	Pulmonary function: the basics. <i>Medicine</i> , 2008, 36, 142-150.	0.4	2
55	Monitoring Recovery From Diaphragm Paralysis With Ultrasound. <i>Chest</i> , 2008, 133, 737-743.	0.8	213
57	Ipsilateral Diaphragmatic Motion and Lung Function in Long-Term Pneumonectomy Patients. <i>Annals of Thoracic Surgery</i> , 2008, 86, 1745-1752.	1.3	23
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66	Mechanisms of Dyspnea during Cycle Exercise in Symptomatic Patients with GOLD Stage I Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2008, 177, 622-629.	5.6	306
67	The Association between Obesity and Asthma. American Journal of Respiratory and Critical Care Medicine, 2008, 178, 469-475.	5.6	172
68	Mechanisms of dyspnoea relief and improved exercise endurance after furosemide inhalation in COPD. Thorax, 2008, 63, 606-613.	5.6	79
69	Outcomes for COPD pharmacological trials: from lung function to biomarkers. European Respiratory Journal, 2008, 31, 416-469.	6.7	732
70	The effect of adiposity measured by dual-energy X-ray absorptiometry on lung function. European Respiratory Journal, 2008, 32, 85-91.	6.7	88
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159	No effect of arm-crank exercise on diaphragmatic fatigue or ventilatory constraint in Paralympic athletes with cervical spinal cord injury. <i>Journal of Applied Physiology</i> , 2010, 109, 358-366.	2.5	29
160	Airway distensibility and volume recruitment with lung inflation in COPD. <i>Journal of Applied Physiology</i> , 2010, 109, 1019-1026.	2.5	30
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176	Glossopharyngeal insufflation causes lung injury in trained breath-hold divers. <i>Respirology</i> , 2010, 15, 813-817.	2.3	24
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181	Hypoxia-induced intrapulmonary arteriovenous shunting at rest in healthy humans. <i>Journal of Applied Physiology</i> , 2010, 109, 1072-1079.	2.5	69
182	Fatores preditores da qualidade de vida relacionada à saúde física e mental em pacientes com doença pulmonar intersticial: uma análise multifatorial. <i>Jornal Brasileiro De Pneumologia</i> , 2010, 36, 562-570.	0.7	20
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184	Outpatient pulmonary rehabilitation following acute exacerbations of COPD. <i>Thorax</i> , 2010, 65, 423-428.	5.6	236
185	Elevated brain natriuretic peptide predicts mortality in interstitial lung disease. <i>European Respiratory Journal</i> , 2010, 36, 819-825.	6.7	59
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191	Small Airway Pathology and Bronchoreversibility in Advanced Emphysema. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2010, 7, 93-101.	1.6	13
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193	Non-invasive assessment of pulmonary blood flow using an inert gas rebreathing device in fibrotic lung disease. <i>Thorax</i> , 2010, 65, 341-345.	5.6	12
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195	Biologic lung volume reduction therapy for advanced homogeneous emphysema. <i>European Respiratory Journal</i> , 2010, 36, 20-27.	6.7	70

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197	Effects of Obesity on Perceptual and Mechanical Responses to Bronchoconstriction in Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 181, 125-133.	5.6	43
198	⁶⁸ Ga-DOTANOC PET/CT Allows Somatostatin Receptor Imaging in Idiopathic Pulmonary Fibrosis: Preliminary Results. <i>Journal of Nuclear Medicine</i> , 2010, 51, 1950-1955.	5.0	60
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200	Lung perfusion and chest wall configuration is altered by glossopharyngeal breathing. <i>European Respiratory Journal</i> , 2010, 36, 151-156.	6.7	10
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211	Bone mineral density and respiratory muscle strength in male individuals with mental retardation (with and without Down Syndrome). <i>Research in Developmental Disabilities</i> , 2010, 31, 1585-1589.	2.2	24
212	Effects of proportional assisted ventilation on exercise performance in idiopathic pulmonary fibrosis patients. <i>Respiratory Medicine</i> , 2010, 104, 134-141.	2.9	22
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218	Predictors of interstitial lung disease in early systemic sclerosis: a prospective longitudinal study of the GENISOS cohort. <i>Arthritis Research and Therapy</i> , 2010, 12, R166.	3.5	148
219	Assessment of pulmonary functions and anthropometric measurements in women with polycystic ovary syndrome. <i>Gynecological Endocrinology</i> , 2010, 26, 827-832.	1.7	4
220	Lung Dysfunction of Chronic Smokers with No Signs of COPD. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2011, 8, 189-195.	1.6	15
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223	Respiratory Physiology in Pregnancy. <i>Clinics in Chest Medicine</i> , 2011, 32, 1-13.	2.1	231
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235	Use of a portable device to record maximum inspiratory flow in relation to dyspnoea in patients with COPD. <i>Respiratory Medicine</i> , 2011, 105, 316-321.	2.9	6
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269	Gas exchanges and pulmonary vascular abnormalities at different stages of chronic liver disease. <i>Liver International</i> , 2011, 31, 525-533.	3.9	7
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271	Characteristics of diaphragmatic fatigue during exhaustive exercise until task failure. <i>Respiratory Physiology and Neurobiology</i> , 2011, 176, 14-20.	1.6	24
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280	Cardiopulmonary Response to Exercise and Cardiac Assessment in Patients With Turner Syndrome. <i>American Journal of Cardiology</i> , 2011, 107, 1076-1082.	1.6	20
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289	Exhaled breath temperature in healthy children is influenced by room temperature and lung volume. <i>Pediatric Pulmonology</i> , 2011, 46, 1062-1068.	2.0	14
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292	Left ventricular dysfunction assessed by speckle-tracking strain analysis in patients with systemic sclerosis: Relationship to functional capacity and ventricular arrhythmias. <i>Arthritis and Rheumatism</i> , 2011, 63, 3969-3978.	6.7	80
293	Evolution of Dyspnea during Exercise in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 184, 1367-1373.	5.6	140
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295	Measurement of functional residual capacity by modified multiple breath nitrogen washout for spontaneously breathing and mechanically ventilated patients. <i>British Journal of Anaesthesia</i> , 2011, 107, 796-805.	3.4	11
296	Lung Clearance Index and HRCT are complementary markers of lung abnormalities in young children with CF. <i>Thorax</i> , 2011, 66, 481-488.	5.6	173
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298	Impact of Altered Alveolar Volume on the Diffusing Capacity of the Lung for Carbon Monoxide in Obesity. <i>Respiration</i> , 2011, 81, 217-222.	2.6	13
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301	Mechanism of Greater Oxygen Desaturation During Walking Compared With Cycling in Patients With COPD. <i>Chest</i> , 2011, 140, 351-358.	0.8	41
302	Physical Activity Is the Strongest Predictor of All-Cause Mortality in Patients With COPD. <i>Chest</i> , 2011, 140, 331-342.	0.8	787
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311	Breath-Hold Diving. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 1214-1219.	0.4	20
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317	Recommendations for epidemiological studies on COPD. <i>European Respiratory Journal</i> , 2012, 39, 1277-1278.	6.7	45
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319	PFT Interpretive Strategies: American Thoracic Society/ European Respiratory Society 2005 Guideline Gaps. <i>Respiratory Care</i> , 2012, 57, 127-135.	1.6	30
320	Pulmonary Rehabilitation in Patients With Bronchiectasis. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2012, 32, 278-283.	2.1	35
321	Pulmonary Rehabilitation in Non-small Cell Lung Cancer Patients After Completion of Treatment. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2012, 35, 120-125.	1.3	29
322	Anti-reflux surgery in lung transplant recipients: outcomes and effects on quality of life. <i>European Respiratory Journal</i> , 2012, 39, 691-697.	6.7	44
323	Exercise Performance and Dynamic Hyperinflation in Lymphangioleiomyomatosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012, 186, 341-348.	5.6	31
324	Left Ventricular Dysfunction Induced by Nonsevere Idiopathic Pulmonary Arterial Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012, 186, 181-189.	5.6	74
325	Children Should Not Be Treated Like Little Adults in the PFT Lab. <i>Respiratory Care</i> , 2012, 57, 61-74.	1.6	36
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337	Quality Assurance of the Pulmonary Function Technologist. Respiratory Care, 2012, 57, 114-126.	1.6	8
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340	Randomized Controlled Trial of a Breath-Activated Nebulizer in Patients with Exacerbation of COPD. Respiratory Care, 2012, 57, 1385-1390.	1.6	10
341	The Measurement of Lung Volumes Using Body Plethysmography: A Comparison of Methodologies. Respiratory Care, 2012, 57, 1076-1083.	1.6	11
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347	The Relationship Between Airflow Obstruction, Emphysema Extent, and Small Airways Function in COPD. Chest, 2012, 142, 312-319.	0.8	61
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350	Does increased baseline ventilation heterogeneity following chest wall strapping predispose to airway hyperresponsiveness?. Journal of Applied Physiology, 2012, 113, 25-30.	2.5	19
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509	Pulmonary Function and Flow-Volume Loop Patterns in Patients with Tracheobronchomalacia. <i>Respiratory Care</i> , 2013, 58, 1521-1526.	1.6	55
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1010	Association between inspiratory muscle weakness and slowed oxygen uptake kinetics in patients with chronic obstructive pulmonary disease. <i>Applied Physiology, Nutrition and Metabolism</i> , 2017, 42, 1239-1246.	1.9	6
1011	Small airway dysfunction in chronic hypersensitivity pneumonitis. <i>Respirology</i> , 2017, 22, 1637-1642.	2.3	15

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1015	<i>In vitro</i> and <i>in vivo</i> functional residual capacity comparisons between multiple-breath nitrogen washout devices. ERJ Open Research, 2017, 3, 00011-2017.	2.6	14
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1019	Resting limb muscle perfusion during inspiratory muscle loading in hypoxia and normoxia. Respiratory Physiology and Neurobiology, 2017, 244, 1-9.	1.6	3
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1443	Mechanisms affecting exercise ventilatory inefficiency-airflow obstruction relationship in male patients with chronic obstructive pulmonary disease. <i>Respiratory Research</i> , 2020, 21, 206.	3.6	6
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1453	The acute impact of resistance training on fatigue in patients with pulmonary sarcoidosis. <i>Chronic Respiratory Disease</i> , 2020, 17, 147997312096702.	2.4	2
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1455	Medical devices in allergy practice. <i>World Allergy Organization Journal</i> , 2020, 13, 100466.	3.5	7
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1487	Ultrasound Evaluation of Diaphragm Force Reserve in Patients with Chronic Obstructive Pulmonary Disease. <i>Annals of the American Thoracic Society</i> , 2020, 17, 1222-1230.	3.2	18
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1489	Diffuse cystic lung disease as the primary tomographic manifestation of bronchiolitis: A case series. <i>Pulmonology</i> , 2020, 26, 403-406.	2.1	5
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1491	Fractional exhaled nitric oxide and forced expiratory volume in 1 second/forced vital capacity have predictive value of asthma exacerbation in Korean school children. <i>Asia Pacific Allergy</i> , 2020, 10, e7.	1.3	6
1492	Lobar distribution of non-emphysematous gas trapping and lung hyperinflation in chronic obstructive pulmonary disease. <i>Respiratory Investigation</i> , 2020, 58, 246-254.	1.8	7
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1494	Pulmonary Imaging Phenotypes of Chronic Obstructive Pulmonary Disease Using Multiparametric Response Maps. <i>Radiology</i> , 2020, 295, 227-236.	7.3	20
1497	Validating the inspired sinewave technique to measure the volume of the "baby lung" in a porcine lung-injury model. <i>British Journal of Anaesthesia</i> , 2020, 124, 345-353.	3.4	6
1498	Endobronchial Valve Treatment in Emphysema Patients with a Very Low DLCO. <i>Respiration</i> , 2020, 99, 163-170.	2.6	16
1499	Effect of Inhaled Corticosteroids on Exacerbation of Asthma-COPD Overlap According to Different Diagnostic Criteria. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020, 8, 1625-1633.e6.	3.8	26
1500	Technical standards for respiratory oscillometry. <i>European Respiratory Journal</i> , 2020, 55, 1900753.	6.7	311
1501	Indoor air pollution and respiratory health effects in inner city children with moderate to severe asthma. <i>Air Quality, Atmosphere and Health</i> , 2020, 13, 247-257.	3.3	10
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1505	Lung Function of Adults Born at Very Low Birth Weight. <i>Pediatrics</i> , 2020, 145, .	2.1	48
1506	Lung function in relation to six-minute walk test in pulmonary hypertension. <i>European Clinical Respiratory Journal</i> , 2020, 7, 1745492.	1.5	1
1507	Fractional exhaled breath temperature in patients with asthma, chronic obstructive pulmonary disease, or systemic sclerosis compared to healthy controls. <i>European Clinical Respiratory Journal</i> , 2020, 7, 1747014.	1.5	9
1508	Discrimination Between Atopic, Allergic, and Asthmatic Volunteers for Human Exposure Studies on Sensory Irritation. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1279, 27-35.	1.6	2
1509	Evolution of high-resolution CT-scan in systemic sclerosis-associated interstitial lung disease: Description and prognosis factors. <i>Seminars in Arthritis and Rheumatism</i> , 2020, 50, 1406-1413.	3.4	11
1510	Endobronchial coils for emphysema: Dual mechanism of action on lobar residual volume reduction. <i>Respirology</i> , 2020, 25, 1160-1166.	2.3	12
1511	<p>Easy to Perform Physical Performance Tests to Identify COPD Patients with Low Physical Activity in Clinical Practice</p>. <i>International Journal of COPD</i> , 2020, Volume 15, 921-929.	2.3	7
1512	The Effect of Carotid Chemoreceptor Inhibition on Exercise Tolerance in Chronic Heart Failure. <i>Frontiers in Physiology</i> , 2020, 11, 195.	2.8	4
1513	Efficacy and Safety of the 9-mm Intrabronchial Valve in Patients with Advanced Emphysema. <i>Respiration</i> , 2020, 99, 333-343.	2.6	2
1514	Protocol for the EARCO Registry: a pan-European observational study in patients with α_1 -antitrypsin deficiency. <i>ERJ Open Research</i> , 2020, 6, 00181-2019.	2.6	20
1515	Safety and Efficacy of Pirfenidone in Advanced Idiopathic Pulmonary Fibrosis: A Nationwide Post-Marketing Surveillance Study in Korean Patients. <i>Advances in Therapy</i> , 2020, 37, 2303-2316.	2.9	20
1516	Clinical decision support systems to improve the diagnosis and management of respiratory diseases. , 2020, , 359-391.		2
1517	Pulmonary Function Tests in Bronchopulmonary Dysplasia. , 2020, , 97-112.		1
1518	A robust and novel electrical impedance metric of pulmonary function in ALS patients. <i>Physiological Measurement</i> , 2020, 41, 044005.	2.1	5
1519	Home initiation of chronic non-invasive ventilation in COPD patients with chronic hypercapnic respiratory failure: a randomised controlled trial. <i>Thorax</i> , 2020, 75, 244-252.	5.6	121
1520	Gene expression profiling of bronchial brushes is associated with the level of emphysema measured by computed tomography-based parametric response mapping. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 318, L1222-L1228.	2.9	6
1521	Field Application of Digital Technologies for Health Assessment in the 10,000 Families Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020, 29, 744-751.	2.5	2
1522	Subclinical impairment of dynamic left ventricular systolic and diastolic function in patients with obstructive sleep apnea and preserved left ventricular ejection fraction. <i>BMC Pulmonary Medicine</i> , 2020, 20, 76.	2.0	14

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1523	Functional Examination of the Upper and Lower Airways in Asthma and Respiratory Allergic Diseases: Considerations in the Postâ€SARS-CoV-2 Era. Journal of Investigational Allergology and Clinical Immunology, 2021, 31, 17-35.	1.3	12
1524	Mixed Airway and Pulmonary Parenchymal Disease in Patients With Primary Sj�gren Syndrome: A 6-year Follow-up. Journal of Rheumatology, 2021, 48, 232-240.	2.0	4
1525	Diagnostic value of the hypertonic saline bronchial provocation test in children with asthma using the high-power aerosol provocation system. Journal of Asthma, 2021, 58, 625-632.	1.7	0
1526	CT Pulmonary Vessels and MRI Ventilation in Chronic Obstructive Pulmonary Disease: Relationship with worsening FEV1 in the TINCan cohort study. Academic Radiology, 2021, 28, 495-506.	2.5	9
1527	Ascorbate attenuates cycling exercise-induced neuromuscular fatigue but fails to improve exertional dyspnea and exercise tolerance in COPD. Journal of Applied Physiology, 2021, 130, 69-79.	2.5	8
1528	Intra-alveolar neutrophil-derived microvesicles are associated with disease severity in COPD. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 320, L73-L83.	2.9	22
1529	Prognostic impact of ventilation�perfusion defects and pulmonary diffusing capacity after single lung transplantation. Clinical Physiology and Functional Imaging, 2021, 41, 221-225.	1.2	0
1530	Performance difference on the six-minute walk test on tracks of 20 and 30 meters for patients with chronic obstructive pulmonary disease: validity and reliability. Brazilian Journal of Physical Therapy, 2021, 25, 40-47.	2.5	18
1531	Integrative genomic analysis in African American children with asthma finds three novel loci associated with lung function. Genetic Epidemiology, 2021, 45, 190-208.	1.3	4
1532	Associations of marijuana with markers of chronic lung disease in people living with HIV. HIV Medicine, 2021, 22, 92-101.	2.2	3
1533	Long-Term Benefits of Pulmonary Rehabilitation in Patients With COPD. Chest, 2021, 159, 967-974.	0.8	22
1534	Nitrogen dioxide increases the risk of mortality in idiopathic pulmonary fibrosis. European Respiratory Journal, 2021, 57, 2001877.	6.7	29
1535	Quantification of <scp>MRI T2</scp> Interstitial Lung Disease Signal�Intensity Volume in Idiopathic Pulmonary Fibrosis: A Pilot Study. Journal of Magnetic Resonance Imaging, 2021, 53, 1500-1507.	3.4	7
1537	Elevated exercise ventilation in mild COPD is not linked to enhanced central chemosensitivity. Respiratory Physiology and Neurobiology, 2021, 284, 103571.	1.6	11
1538	Early improvements in pulmonary function after severe COVID-19 requiring mechanical ventilation. Infectious Diseases, 2021, 53, 218-221.	2.8	4
1539	Pulmonary Ventilation Maps Generated with Free-breathing Proton MRI and a Deep Convolutional Neural Network. Radiology, 2021, 298, 427-438.	7.3	16
1540	Systemic but not local rehydration restores dehydration-induced changes in pulmonary function in healthy adults. Journal of Applied Physiology, 2021, 130, 517-527.	2.5	5
1541	Respiratory outcomes of â�enew� bronchopulmonary dysplasia in adolescents: A multicenter study. Pediatric Pulmonology, 2021, 56, 1205-1214.	2.0	17

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1542	Airway closure is the predominant physiological mechanism of low ventilation seen on hyperpolarized helium-3 MRI lung scans. <i>Journal of Applied Physiology</i> , 2021, 130, 781-791.	2.5	8
1543	Peripheral obstruction without airflow limitation is rare and not specific to asthma in children. <i>Pediatric Pulmonology</i> , 2021, 56, 858-865.	2.0	7
1544	Comparative analysis of density histograms and visual scores in incremental and volumetric high-resolution computed tomography of the chest in idiopathic pulmonary fibrosis patients. <i>Radiologia Medica</i> , 2021, 126, 599-607.	7.7	9
1545	Plethysmographic data and profile of North-African patients with severe obstructive sleep apnea treated with continuous positive airway pressure. <i>Expert Review of Respiratory Medicine</i> , 2021, 15, 267-275.	2.5	2
1546	Lung abnormalities do not influence aerobic capacity in school children born preterm. <i>European Journal of Applied Physiology</i> , 2021, 121, 489-498.	2.5	7
1547	High-intensity exercise impairs extradiaphragmatic respiratory muscle perfusion in patients with COPD. <i>Journal of Applied Physiology</i> , 2021, 130, 325-341.	2.5	16
1548	Reference Values for Pulmonary Single-Breath Diffusing Capacity “ Results of the “Study of Health in Pomerania” Pneumologie, 2021, 75, 268-275.	0.1	1
1549	Determinants of cardiorespiratory fitness in very long-term survivors of allogeneic hematopoietic stem cell transplantation: a national cohort study. <i>Supportive Care in Cancer</i> , 2021, 29, 1959-1967.	2.2	7
1550	Effects of endobronchial coils for endoscopic lung volume reduction on sleep in COPD patients with advanced pulmonary emphysema. <i>Sleep and Breathing</i> , 2021, 25, 727-735.	1.7	1
1551	Reproducibility of the 6-Min Step Test in Subjects With COPD. <i>Respiratory Care</i> , 2021, 66, 292-299.	1.6	2
1552	Maximum Voluntary Ventilation and Its Relationship With Clinical Outcomes in Subjects With COPD. <i>Respiratory Care</i> , 2021, 66, 79-86.	1.6	3
1553	Cardiopulmonary Exercise Testing in Combined Pulmonary Fibrosis and Emphysema. <i>Respiration</i> , 2021, 100, 395-403.	2.6	6
1554	Pulmonary restriction predicts long-term pulmonary impairment in people with HIV and tuberculosis. <i>BMC Pulmonary Medicine</i> , 2021, 21, 19.	2.0	9
1555	Pulmonary function and radiological features 4 months after COVID-19: first results from the national prospective observational Swiss COVID-19 lung study. <i>European Respiratory Journal</i> , 2021, 57, 2003690.	6.7	291
1556	Pulmonary function test abnormalities in children and adolescents with non-alcoholic fatty liver disease. <i>European Journal of Pediatrics</i> , 2021, 180, 1693-1699.	2.7	3
1557	Unilateral diaphragmatic paralysis: inspiratory muscles, breathlessness and exercise capacity. <i>ERJ Open Research</i> , 2021, 7, 00357-2019.	2.6	3
1558	The Impact of Tobacco Smoking on Adult Asthma Outcomes. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 992.	2.6	24
1559	Ventilatory constraint is more severe in walking than cycling in patients with COPD. <i>Current Research in Physiology</i> , 2021, 4, 73-79.	1.7	1

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1560	Clinical characteristics and outcomes in patients with primary Sjogren's syndrome-associated interstitial lung disease. <i>Annals of Thoracic Medicine</i> , 2021, 16, 156.	1.8	3
1561	Association between air flow limitation and body composition in young adults. <i>Journal of Physiological Anthropology</i> , 2021, 40, 2.	2.6	2
1562	Determinants and functional impacts of diaphragmatic involvement in patients with inclusion body myositis. <i>Muscle and Nerve</i> , 2021, 63, 497-505.	2.2	4
1563	Electronic Health Records and Pulmonary Function Data: Developing an Interoperability Roadmap. An Official American Thoracic Society Workshop Report. <i>Annals of the American Thoracic Society</i> , 2021, 18, 1-11.	3.2	12
1564	Abnormal Lung Clearance Index in Cystic Fibrosis Children with Normal FEV1 and Single-Breath Nitrogen Washout Test. <i>Lung</i> , 2021, 199, 37-41.	3.3	5
1565	Central airway collapse is related to obesity independent of asthma phenotype. <i>Respirology</i> , 2021, 26, 334-341.	2.3	14
1567	Identifying Responders and Exploring Mechanisms of Action of the Endobronchial Coil Treatment for Emphysema. <i>Respiration</i> , 2021, 100, 443-451.	2.6	5
1569	Patient Satisfaction and Attainment of Patient-Specific Goals after Endobronchial Valve Treatment. <i>Annals of the American Thoracic Society</i> , 2021, 18, 68-74.	3.2	6
1570	New Method for Combined Quantitative Assessment of Air-Trapping and Emphysema on Chest Computed Tomography in Chronic Obstructive Pulmonary Disease: Comparison with Parametric Response Mapping. <i>Korean Journal of Radiology</i> , 2021, 22, 1719.	3.4	8
1571	Inhaled nitric oxide improves ventilatory efficiency and exercise capacity in patients with mild COPD: A randomizedâ€control crossâ€over trial. <i>Journal of Physiology</i> , 2021, 599, 1665-1683.	2.9	23
1572	Acute exacerbation in interstitial lung disease. <i>Annals of Thoracic Medicine</i> , 2021, 16, 178.	1.8	6
1573	Reliability and validity of the Glittre-ADL test to assess the functional status of patients with interstitial lung disease. <i>Chronic Respiratory Disease</i> , 2021, 18, 147997312110129.	2.4	6
1574	The Value of ¹⁸ F-FDG PET/CT in Evaluating Disease Severity and Prognosis in Idiopathic Pulmonary Fibrosis Patients. <i>Journal of Korean Medical Science</i> , 2021, 36, e257.	2.5	5
1575	Assessing the applicability of the new Global Lung Function Initiative reference values for the diffusing capacity of the lung for carbon monoxide in a large population set. <i>PLoS ONE</i> , 2021, 16, e0245434.	2.5	11
1576	Vitamin D: association with eosinophil counts and IgE levels in children with asthma. <i>Jornal Brasileiro De Pneumologia</i> , 2020, 47, e20200279.	0.7	7
1577	What are the barriers to the completion of a home-based rehabilitation programme for patients awaiting surgery for lung cancer: a prospective observational study. <i>BMJ Open</i> , 2021, 11, e041907.	1.9	2
1578	Suggestions for lung function testing in the context of COVID-19. <i>Respiratory Medicine</i> , 2021, 177, 106292.	2.9	14
1579	Myositis-associated Interstitial Lung Disease: Clinical Characteristics and Factors Related to Pulmonary Function Improvement: A Latin-American Multicenter Cohort Study. <i>ReumatologÃa ClÃnica</i> , 2022, 18, 293-298.	0.5	3

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1580	HIV induces airway basal progenitor cells to adopt an inflammatory phenotype. Scientific Reports, 2021, 11, 3988.	3.3	12
1581	Lung diffusing capacity for nitric oxide and carbon monoxide following mild-to-severe COVID-19. Physiological Reports, 2021, 9, e14748.	1.7	29
1582	Validity of the Modified Dyspnea Index for the French-Canadian Population. Journal of Nursing Measurement, 2021, 29, 121-139.	0.3	0
1583	Estimation of the dynamic volume of each lung via rapid limited-slice dynamic MRI. , 2021, 11595, .		1
1584	Resting Dead Space Fraction as Related to Clinical Characteristics, Lung Function, and Gas Exchange in Male Patients with Chronic Obstructive Pulmonary Disease. International Journal of General Medicine, 2021, Volume 14, 169-177.	1.8	3
1585	Diagnosing ventilation inhomogeneity after COVID-19 by multiple-breath nitrogen washout test. Pulmonologiya, 2021, 31, 30-36.	0.8	9
1586	Respiratory and Perceptual Responses to High-Intensity Interval Exercise in Obese Adults. Medicine and Science in Sports and Exercise, 2021, 53, 1719-1728.	0.4	0
1587	Greenness may improve lung health in low-to-moderate but not high air pollution areas: Seven Northeastern Cities™ study. Thorax, 2021, 76, 880-886.	5.6	17
1588	The Effects of Low Pressure Domiciliary Non-Invasive Ventilation on Clinical Outcomes in Patients with Severe COPD Regardless Having Hypercapnia. International Journal of COPD, 2021, Volume 16, 817-824.	2.3	3
1589	Intrauterine growth retardation and lung function of very prematurely born young people. Pediatric Pulmonology, 2021, 56, 2284-2291.	2.0	5
1590	HRCT characteristics of severe emphysema patients: Interobserver variability among expert readers and comparison with quantitative software. European Journal of Radiology, 2021, 136, 109561.	2.6	5
1591	Trends over Time of Lung Function and Radiological Abnormalities in COVID-19 Pneumonia: A Prospective, Observational, Cohort Study. Journal of Clinical Medicine, 2021, 10, 1021.	2.4	17
1592	Temporal changes in pulmonary gas exchange efficiency when breath-hold diving below residual volume. Experimental Physiology, 2021, 106, 1120-1133.	2.0	7
1593	Comparison of Multiple Diagnostic Tests to Measure Dynamic Hyperinflation in Patients with Severe Emphysema Treated with Endobronchial Coils. Lung, 2021, 199, 195-198.	3.3	2
1594	Official ERS technical standard: Global Lung Function Initiative reference values for static lung volumes in individuals of European ancestry. European Respiratory Journal, 2021, 57, 2000289.	6.7	147
1596	Pleuroparenchymal fibroelastosis in Korean patients: clinico-radiologic-pathologic features and 2-year follow-up. Korean Journal of Internal Medicine, 2021, 36, S132-S141.	1.7	4
1597	Dramatic impact of morbid obesity on child lung development. Archives De Pediatrie, 2021, 28, 186-190.	1.0	1
1598	Impact of idiopathic pulmonary fibrosis on clinical outcomes of lung cancer patients. Scientific Reports, 2021, 11, 8312.	3.3	24

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1599	Sputum IL-25, IL-33 and TSLP, IL-23 and IL-36 in airway obstructive diseases. Reduced levels of IL-36 in eosinophilic phenotype. Cytokine, 2021, 140, 155421.	3.2	10
1600	Diaphragmatic Ultrasound in Non-Cystic Fibrosis Bronchiectasis: Relationship to Clinical Parameters. Ultrasound in Medicine and Biology, 2021, 47, 902-909.	1.5	6
1601	Modern requirements for spirometry in children. Medical Alphabet, 2021, , 50-56.	0.2	0
1602	Reduced exercise tolerance in mild chronic obstructive pulmonary disease: The contribution of combined abnormalities of diffusing capacity for carbon monoxide and ventilatory efficiency. Respiriology, 2021, 26, 786-795.	2.3	12
1603	Dynamic compliance and reactance in older non-smokers with asthma and fixed airflow obstruction. European Respiratory Journal, 2021, 58, 2004400.	6.7	6
1604	Clinical, radiological and functional outcomes in patients with SARS-CoV-2 pneumonia: a prospective observational study. BMC Pulmonary Medicine, 2021, 21, 136.	2.0	13
1605	Insomnia in adults with cystic fibrosis: strong association with anxiety/depression and impaired quality of life. BMC Pulmonary Medicine, 2021, 21, 108.	2.0	4
1606	Slow chest compression acutely reduces dynamic hyperinflation in people with chronic obstructive pulmonary disease: a randomized cross-over trial. Physiotherapy Theory and Practice, 2021, , 1-9.	1.3	0
1607	Performance of a diagnostic algorithm for fibrotic hypersensitivity pneumonitis. A caseâ€“control study. Respiratory Research, 2021, 22, 120.	3.6	4
1608	The bronchodilator test in patients with airway obstruction: the responsiveness of lung function parameters. Medical Alphabet, 2021, , 57-61.	0.2	1
1609	Comparative analysis between available challenge tests in the hyperventilation syndrome. Respiratory Medicine, 2021, 179, 106329.	2.9	4
1610	Enhanced Deep-Inspiration Breath Hold Superior to High-Frequency Percussive Ventilation for Respiratory Motion Mitigation: A Physiology-Driven, MRI-Guided Assessment Toward Optimized Lung Cancer Treatment With Proton Therapy. Frontiers in Oncology, 2021, 11, 621350.	2.8	12
1611	The effect of long-acting dual bronchodilator therapy on exercise tolerance, dynamic hyperinflation, and dead space during constant work rate exercise in COPD. Journal of Applied Physiology, 2021, 130, 2009-2018.	2.5	4
1612	Reduced skeletal muscle endurance and ventilatory efficiency during exercise in adult smokers without airflow obstruction. Journal of Applied Physiology, 2021, 130, 976-986.	2.5	5
1613	Systolic reserve maintains left ventricular-vascular coupling when challenged by adverse breathing mechanics and hypertension in healthy adults. Journal of Applied Physiology, 2021, 130, 1171-1182.	2.5	0
1614	Comparison of diffusing capacity of carbon monoxide (DLCO) and total lung capacity (TLC) between Indigenous Australians and Australian Caucasian adults. PLoS ONE, 2021, 16, e0248900.	2.5	17
1615	Evaluation of longâ€“term radiological findings, pulmonary functions, and healthâ€“related quality of life in survivors of severe COVIDâ€“19. Journal of Medical Virology, 2021, 93, 5574-5581.	5.0	26
1616	Quantitative ¹⁸ F-fluorodeoxyglucose positron emission tomography/computed tomography to assess pulmonary inflammation in COPD. ERJ Open Research, 2021, 7, 00699-2020.	2.6	2

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1617	Acute exacerbation of fibrotic hypersensitivity pneumonitis: incidence and outcomes. Respiratory Research, 2021, 22, 152.	3.6	17
1618	Clinical Assessment of Endothelial Function in Convalescent COVID-19 Patients Undergoing Multidisciplinary Pulmonary Rehabilitation. Biomedicines, 2021, 9, 614.	3.2	27
1619	Regional Gas Exchange Measured by ^{129}Xe Magnetic Resonance Imaging Before and After Combination Bronchodilators Treatment in Chronic Obstructive Pulmonary Disease. Journal of Magnetic Resonance Imaging, 2021, 54, 964-974.	3.4	12
1620	Association between frailty index, lung function, and major clinical determinants in chronic obstructive pulmonary disease. Aging Clinical and Experimental Research, 2021, 33, 2165-2173.	2.9	23
1621	Requirements for Supporting Diagnostic Equipment of Respiration Process in Humans. Sensors, 2021, 21, 3479.	3.8	0
1622	The effects of direct hemoperfusion with polymyxin B-immobilized fiber in patients with acute exacerbation of interstitial lung disease. Acute and Critical Care, 2021, 36, 126-132.	1.4	2
1623	Six Months Follow-Up of Patients with Invasive Mechanical Ventilation Due to COVID-19 Related ARDS. International Journal of Environmental Research and Public Health, 2021, 18, 5861.	2.6	20
1624	Detección de autoanticuerpos en el lavado broncoalveolar en pacientes con enfermedad pulmonar intersticial difusa. Archivos De Bronconeumología, 2021, 57, 351-358.	0.8	1
1625	PULMONARY HYPERTENSION IN LYMPHANGIOLEIOMYOMATOSIS. Journal of the American College of Cardiology, 2021, 77, 2794.	2.8	0
1626	Condensed Outpatient Rehabilitation Early After Lung Transplantation: A Retrospective Analysis of 6-Minute Walk Distance and Its Predictors. Cardiopulmonary Physical Therapy Journal, 2022, 33, 24-30.	0.3	5
1627	Handgrip Strength as a Reflection of General Muscle Strength in Chronic Obstructive Pulmonary Disease. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2021, 18, 299-306.	1.6	7
1628	Evaluation of the Parameters Affecting Respiratory Functions at Adolescent Idiopathic Scoliosis Patients. Clinical Spine Surgery, 2022, 35, E236-E241.	1.3	1
1629	Detection of autoantibodies in bronchoalveolar lavage in patients with diffuse interstitial lung disease. Archivos De Bronconeumología, 2021, 57, 351-358.	0.8	6
1630	The sub-acute effects of high-intensity interval training in healthy young adults: respiratory parameters, aerobic capacity and perceived stress. Journal of Sports Medicine and Physical Fitness, 2021, 61, 617-624.	0.7	0
1631	Multidimensional breathlessness response to exercise: Impact of COPD and healthy ageing. Respiratory Physiology and Neurobiology, 2021, 287, 103619.	1.6	10
1632	Pulmonary function testing in COPD: looking beyond the curtain of FEV1. Npj Primary Care Respiratory Medicine, 2021, 31, 23.	2.6	30
1633	Stable to improved cardiac and pulmonary function in children with high-risk sickle cell disease following haploidentical stem cell transplantation. Bone Marrow Transplantation, 2021, 56, 2221-2230.	2.4	10
1635	Association between pulmonary artery to aorta diameter ratio with pulmonary hypertension and outcomes in diffuse cystic lung diseases. Medicine (United States), 2021, 100, e26483.	1.0	6

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1636	Longitudinal Lung Volume Changes by Ultrastructure and Genotype in Primary Ciliary Dyskinesia. Annals of the American Thoracic Society, 2021, 18, 963-970.	3.2	12
1637	Long-term consequences in critically ill COVID-19 patients: A prospective cohort study. Acta Anaesthesiologica Scandinavica, 2021, 65, 1285-1292.	1.6	29
1638	Non-contrast pulmonary perfusion MRI in patients with cystic fibrosis. European Journal of Radiology, 2021, 139, 109653.	2.6	6
1639	Ventilatory limitations are not associated with dyspnea on exertion or reduced aerobic fitness in pectus excavatum. Pediatric Pulmonology, 2021, 56, 2911-2917.	2.0	2
1640	Effect of Dynamic Hyperinflation on Cardiac Response to Exercise of Patients With Chronic Obstructive Pulmonary Disease. Archivos De Bronconeumologia, 2021, 57, 406-414.	0.8	5
1641	Long-term clinical course and outcome in patients with primary Sjögren syndrome-associated interstitial lung disease. Scientific Reports, 2021, 11, 12827.	3.3	11
1642	Distancing Measures in COVID-19 Pandemic: Loneliness, More than Physical Isolation, Affects Health Status and Psycho-Cognitive Wellbeing in Elderly Patients with Chronic Obstructive Pulmonary Disease. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2021, 18, 443-448.	1.6	7
1643	Validation of a Novel Compact System for the Measurement of Lung Volumes. Chest, 2021, 159, 2356-2365.	0.8	6
1644	Automatic algorithm for quantifying lung involvement in patients with chronic obstructive pulmonary disease, infection with SARS-CoV-2, paracoccidioidomycosis and no lung disease patients. PLoS ONE, 2021, 16, e0251783.	2.5	5
1645	The place of impulse oscillometry system in the diagnosis of early obstructive disorders associated with asthma. Pulmonologiya, 2021, 31, 320-328.	0.8	0
1646	Diaphragm Morphology Assessed by Computed Tomography in Chronic Obstructive Pulmonary Disease. Annals of the American Thoracic Society, 2021, 18, 955-962.	3.2	11
1647	Raised sputum extracellular DNA confers lung function impairment and poor symptom control in an exacerbation-susceptible phenotype of neutrophilic asthma. Respiratory Research, 2021, 22, 167.	3.6	10
1648	The impacts of parity on spirometric parameters: a systematic review. Expert Review of Respiratory Medicine, 2021, 15, 1169-1185.	2.5	5
1649	Effect of Dynamic Hyperinflation on Cardiac Response to Exercise of Patients With Chronic Obstructive Pulmonary Disease. Archivos De Bronconeumologia, 2021, 57, 406-414.	0.8	3
1650	Single-breath oxygen dilution for the measurement of total lung capacity: technical description and preliminary results in healthy subjects. Physiological Measurement, 2021, 42, .	2.1	0
1651	COMPARATIVE EVALUATION OF SPIROMETRY PARAMETERS IN HEALTHY YOUNG AND ELDERLY ADULTS POPULATION IN PUNJAB, INDIA. , 2021, , 1-3.		0
1652	Measuring Lung Volumes in an Office With a New Device Body-Box Free. Chest, 2021, 159, 2143-2144.	0.8	0
1653	Neuropsychobiological Fingerprints of Chronic Fatigue in Sarcoidosis. Frontiers in Behavioral Neuroscience, 2021, 15, 633005.	2.0	3

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1654	Continuous Glucose Monitoring as a Valuable Tool in the Early Detection of Diabetes Related to Cystic Fibrosis. <i>Frontiers in Pediatrics</i> , 2021, 9, 659728.	1.9	12
1655	The need for race-specific reference equations for pulmonary diffusing capacity for nitric oxide. <i>BMC Pulmonary Medicine</i> , 2021, 21, 232.	2.0	4
1656	Effects of High and Moderate-Intensity Interval Training on Pulmonary and Performance Parameters in Miners Suffering From Chronic Obstructive Pulmonary Diseases. <i>Journal of Occupational and Environmental Medicine</i> , 2021, 63, e673-e678.	1.7	0
1657	Bilevel Noninvasive Ventilation During Exercise Reduces Dynamic Hyperinflation and Improves Cycle Endurance Time in Severe to Very Severe COPD. <i>Chest</i> , 2021, 160, 2066-2079.	0.8	9
1658	Efficacy of Nebulized Glycopyrrolate on Lung Hyperinflation in Patients with COPD. <i>Pulmonary Therapy</i> , 2021, 7, 503-516.	2.2	0
1659	Growth and morbidity in infants with Congenital Diaphragmatic Hernia according to initial lung volume: A pilot study. <i>Journal of Pediatric Surgery</i> , 2021, , .	1.6	2
1660	Predictive value of positional change in vital capacity to identify diaphragm dysfunction. <i>Respiratory Physiology and Neurobiology</i> , 2021, 289, 103668.	1.6	6
1661	The role of interleukin-6 as a prognostic biomarker for predicting acute exacerbation in interstitial lung diseases. <i>PLoS ONE</i> , 2021, 16, e0255365.	2.5	19
1662	Fine crackles on chest auscultation in the early diagnosis of idiopathic pulmonary fibrosis: a prospective cohort study. <i>BMJ Open Respiratory Research</i> , 2021, 8, e000815.	3.0	12
1663	Translation, cross-cultural adaptation, and measurement properties of the Brazilian-Portuguese version of the idiopathic pulmonary fibrosis-specific version of the Saint George's Respiratory Questionnaire (SGRQ-I) for patients with interstitial lung disease. <i>Brazilian Journal of Physical Therapy</i> , 2021, 25, 794-794.	2.5	2
1664	Qualitative Components of Dyspnea during Incremental Exercise across the COPD Continuum. <i>Medicine and Science in Sports and Exercise</i> , 2021, 53, 2467-2476.	0.4	13
1665	Dynamic airway function during exercise in COPD assessed via impulse oscillometry before and after inhaled bronchodilators. <i>Journal of Applied Physiology</i> , 2021, 131, 326-338.	2.5	2
1666	Measuring pulmonary function in COPD using quantitative chest computed tomography analysis. <i>European Respiratory Review</i> , 2021, 30, 210031.	7.1	9
1667	Computed tomography total airway count predicts progression to COPD in at-risk smokers. <i>ERJ Open Research</i> , 2021, 7, 00307-2021.	2.6	14
1668	CFTR-function and ventilation inhomogeneity in individuals with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2021, 20, 641-647.	0.7	6
1669	The Relevance of Small Airway Dysfunction in Asthma with Nocturnal Symptoms. <i>Journal of Asthma and Allergy</i> , 2021, Volume 14, 897-905.	3.4	17
1670	Pathological and clinical relevance of selective recruitment of Langerhans cells in the respiratory bronchioles of smokers. <i>Respiratory Investigation</i> , 2021, 59, 513-521.	1.8	4
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1894	Evidence for impaired chronotropic responses to and recovery from 6-minute walk test in women with post-acute COVID-19 syndrome. <i>Experimental Physiology</i> , 2022, 107, 722-732.	2.0	18
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1897	Health-related quality of life in patients with chronic obstructive pulmonary disease: A hospital-based study. <i>Indian Journal of Medical Research</i> , 2021, 153, 459.	1.0	11
1898	Ascaris exposure and its association with lung function, asthma, and DNA methylation in Northern Europe. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 1960-1969.	2.9	14
1899	Multi-organ assessment in mainly non-hospitalized individuals after SARS-CoV-2 infection: The Hamburg City Health Study COVID programme. <i>European Heart Journal</i> , 2022, 43, 1124-1137.	2.2	111
1900	Repeatability of dyspnea measurements during exercise in women with obesity. <i>Respiratory Physiology and Neurobiology</i> , 2022, 297, 103831.	1.6	1
1901	Automatic quantitative computed tomography measurement of longitudinal lung volume loss in interstitial lung diseases. <i>European Radiology</i> , 2022, 32, 4292-4303.	4.5	11
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1903	Ultrasound-Derived Diaphragm Contractile Reserve as a Marker of Clinical Status in Patients With Cystic Fibrosis. <i>Frontiers in Physiology</i> , 2021, 12, 808770.	2.8	2
1904	Estimating pulmonary function after surgery for adolescent idiopathic scoliosis using biplanar radiographs of the chest with 3D reconstruction. <i>Bone and Joint Journal</i> , 2022, 104-B, 112-119.	4.4	5
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1906	No effect of patent foramen ovale on acute mountain sickness and pulmonary pressure in normobaric hypoxia. <i>Experimental Physiology</i> , 2022, 107, 122-132.	2.0	2
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1908	Estimation of Tidal Volume Using Load Cells on a Hospital Bed. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2022, 26, 3330-3341.	6.3	5
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1912	Acute Respiratory Deterioration in Rheumatoid Arthritis-Associated Interstitial Lung Disease. <i>Chest</i> , 2022, 162, 136-144.	0.8	6
1913	Lung Clearance Index May Detect Early Peripheral Lung Disease in Sickle Cell Anemia. <i>Annals of the American Thoracic Society</i> , 2022, , .	3.2	3
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1915	Adiposity increases weight-bearing exercise-induced dyspnea despite favoring resting lung hyperinflation in COPD. <i>Chronic Respiratory Disease</i> , 2022, 19, 14799731211052305.	2.4	2
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1920	Physical Tests Are Poorly Related to Patient-Reported Outcome Measures during Severe Acute Exacerbations of COPD. <i>Journal of Clinical Medicine</i> , 2022, 11, 150.	2.4	2
1921	Relationship between handgrip strength, peripheral muscle strength, and respiratory muscle endurance in women with fibromyalgia: a cross-sectional study. <i>Acta Fisiológica</i> , 2021, 28, 97-104.	0.1	0
1922	Impaired differentiation of small airway basal stem/progenitor cells in people living with HIV. <i>Scientific Reports</i> , 2022, 12, 2966.	3.3	3
1923	Area under the expiratory flow-volume curve: normative values in the National Health and Nutrition Survey (NHANES) study. <i>Journal of Investigative Medicine</i> , 2022, , jim-2021-002057.	1.6	1
1924	Childhood lung function following perinatal HIV infection and early antiretroviral therapy initiation; a cross-sectional study. <i>ERJ Open Research</i> , 2022, 8, 00691-2021.	2.6	2
1925	Phenotyping Cardiopulmonary Exercise Limitations in Chronic Obstructive Pulmonary Disease. <i>Frontiers in Physiology</i> , 2022, 13, 816586.	2.8	3
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1927	Cardiopulmonary Exercise Performance and Endothelial Function in Convalescent COVID-19 Patients. <i>Journal of Clinical Medicine</i> , 2022, 11, 1452.	2.4	18
1928	Longitudinal Impact of Sputum Inflammatory Phenotypes on Small Airway Dysfunction and Disease Outcomes in Asthma. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2022, 10, 1545-1553.e2.	3.8	28

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1930	Plethysmography-derived gas trapping lacks utility in predicting response to bronchial thermoplasty. <i>ERJ Open Research</i> , 2022, 8, 00690-2021.	2.6	1
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1932	Longitudinal changes in forced expiratory volume in 1Âs in patients with eosinophilic chronic obstructive pulmonary disease. <i>BMC Pulmonary Medicine</i> , 2022, 22, 91.	2.0	1
1933	Evaluation of obesity and asthma as risk factors for moderate to severe obstructive sleep apnea in children. <i>Journal of Clinical Sleep Medicine</i> , 2022, 18, 1639-1648.	2.6	3
1934	Expiratory flow limitation in a cohort of highly symptomatic COPD patients. <i>ERJ Open Research</i> , 2022, 8, 00680-2021.	2.6	1
1935	Effects of COPD on Left Ventricular and Left Atrial Deformation in Patients with Acute Myocardial Infarction: Strain Analysis Using Speckle-Tracking Echocardiography. <i>Journal of Clinical Medicine</i> , 2022, 11, 1917.	2.4	1
1936	Automated quantification system predicts survival in rheumatoid arthritis-associated interstitial lung disease. <i>Rheumatology</i> , 2022, 61, 4702-4710.	1.9	11
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1939	Pulmonary <sc>MRI</sc> and Cluster Analysis Help Identify Novel Asthma Phenotypes. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 56, 1475-1486.	3.4	4
1940	Differential Outcomes Following 4 Weeks of Aclidinium/Formoterol in Patients with COPD: A Reanalysis of the ACTIVATE Study. <i>International Journal of COPD</i> , 2022, Volume 17, 517-533.	2.3	3
1941	Dark-field chest x-ray imaging: first experience in patients with alpha1-antitrypsin deficiency. <i>European Radiology Experimental</i> , 2022, 6, 9.	3.4	5
1942	Impaired Ventilatory Efficiency, Dyspnea, and Exercise Intolerance in Chronic Obstructive Pulmonary Disease: Results from the CanCOLD Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 1391-1402.	5.6	19
1943	Influence of Apnea Hypopnea Index and the Degree of Airflow Limitation on Endothelial Function in Patients Undergoing Diagnostic Coronary Angiography. <i>Biology</i> , 2022, 11, 457.	2.8	2
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1945	Association between obesity-related dyspnea in daily living, lung function and body composition analyzed by DXA: a prospective study of 130 patients. <i>BMC Pulmonary Medicine</i> , 2022, 22, 103.	2.0	4
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1948	Effects of supplementation of vitamins D, C and E on Idiopathic Pulmonary Fibrosis (IPF): A clinical trial. <i>Clinical Nutrition ESPEN</i> , 2022, 49, 295-300.	1.2	4
1949	Correlation of respiratory oscillometry with CT image analysis in a prospective cohort of idiopathic pulmonary fibrosis. <i>BMJ Open Respiratory Research</i> , 2022, 9, e001163.	3.0	7
1950	The global lung function initiative 2021 (GLI-2021) norms provide mixed results for static lung volumes (SLVs) in Algerian adults. <i>Libyan Journal of Medicine</i> , 2022, 17, 2059893.	1.6	2
1951	MRI Shows Lung Perfusion Changes after Vaping and Smoking. <i>Radiology</i> , 2022, 304, 195-204.	7.3	9
1952	Automated estimation of total lung volume using chest radiographs and deep learning. <i>Medical Physics</i> , 2022, 49, 4466-4477.	3.0	5
1953	Prospective longitudinal evaluation of hospitalised COVID-19 survivors 3 and 12 months after discharge. <i>ERJ Open Research</i> , 2022, 8, 00004-2022.	2.6	58
1954	Vitamin D supplementation in chronic obstructive pulmonary disease patients with low serum vitamin D: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2022, 116, 491-499.	4.7	11
1955	Survival in COPD patients treated with bronchoscopic lung volume reduction. <i>Respiratory Medicine</i> , 2022, 196, 106825.	2.9	19
1956	Selective serotonin reuptake inhibitors and lung function in the multi-ethnic study of atherosclerosis lung study. <i>Respiratory Medicine</i> , 2022, 196, 106805.	2.9	0
1957	Validation of the Brazilian Portuguese version of the University of California San Diego Shortness of Breath Questionnaire in patients with interstitial lung disease. <i>Jornal Brasileiro De Pneumologia</i> , 2021, 47, e20210172.	0.7	2
1959	Evaluation of spirometry-gated computed tomography to measure lung volumes in emphysema patients. <i>ERJ Open Research</i> , 2022, 8, 00492-2021.	2.6	4
1960	Validation of the risk stratification score in idiopathic pulmonary fibrosis: study protocol of a prospective, multi-centre, observational, 3-year clinical trial. <i>BMC Pulmonary Medicine</i> , 2021, 21, 396.	2.0	0
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1962	Spirometry for the diagnosis of airway obstruction in patients with risk factors for COPD: the GOLD and lower limit of normal criteria. <i>Jornal Brasileiro De Pneumologia</i> , 2022, 47, e20210124.	0.7	2
1963	Changes in lung inflation in asthma in patients with osmotic airway hyperresponsiveness. <i>Pulmonologiya</i> , 2021, 31, 749-758.	0.8	1
1964	Disease progression in patients with the restrictive and mixed phenotype of Chronic Lung Allograft dysfunction – A retrospective analysis in five European centers to assess the feasibility of a therapeutic trial. <i>PLoS ONE</i> , 2021, 16, e0260881.	2.5	1
1965	Late-Onset, Noninfectious Pulmonary Complications following Allogeneic Hematopoietic Stem Cell Transplantation: A Nationwide Cohort Study of Long-Term Survivors. <i>Respiration</i> , 2022, 101, 544-552.	2.6	4

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1969	Adjunctive Inspiratory Muscle Training During a Rehabilitation Program in Patients With Breast Cancer: An Exploratory Double-Blind, Randomized, Controlled Pilot Study. Archives of Rehabilitation Research and Clinical Translation, 2022, 4, 100196.	0.9	1
1978	Frailty assessment for COVID-19 follow-up: a prospective cohort study. BMJ Open Respiratory Research, 2022, 9, e001227.	3.0	12
1982	Quantitative CT in mortality prediction in pulmonary fibrosis with or without emphysema. Sarcoidosis Vasculitis and Diffuse Lung Diseases, 2021, 38, e2021024.	0.2	3
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1995	Reduction of Lung Hyperinflation Improves Cardiac Preload, Contractility, and Output in Emphysema: A Clinical Trial in Patients Who Received Endobronchial Valves. American Journal of Respiratory and Critical Care Medicine, 2022, 206, 704-711.	5.6	17
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2002	Functional disorders of the respiratory system in patients with penetrating lung wounds: study prospective design. <i>Consilium Medicum</i> , 2022, 24, 199-204.	0.3	2
2003	Pleuroparenchymal fibroelastosis in rheumatoid arthritis-associated interstitial lung disease. <i>Respiratory Research</i> , 2022, 23, .	3.6	5
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2005	Evaluation of the Global Lung Function Initiative reference equations in Belgian adults. <i>ERJ Open Research</i> , 2022, 8, 00671-2021.	2.6	3
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2008	Long-term clinical course and outcomes in patients with lymphangioleiomyomatosis. <i>Respiratory Research</i> , 2022, 23, .	3.6	4
2009	Digital quantification of p16-positive foci in fibrotic interstitial lung disease is associated with a phenotype of idiopathic pulmonary fibrosis with reduced survival. <i>Respiratory Research</i> , 2022, 23, .	3.6	3
2010	Quantitative CT Lung Imaging and Machine Learning Improves Prediction of Emergency Room Visits and Hospitalizations in COPD. <i>Academic Radiology</i> , 2023, 30, 707-716.	2.5	7
2012	The potential of impulse oscillometry in lung function assessment in children after allogeneic hematopoietic stem cell transplantation. <i>Pediatric Hematology/Oncology and Immunopathology</i> , 2022, 21, 42-47.	0.3	1
2013	Differences in Pulmonary and Extra-Pulmonary Traits between Women and Men with Chronic Obstructive Pulmonary Disease. <i>Journal of Clinical Medicine</i> , 2022, 11, 3680.	2.4	6
2014	Outcome of Pulmonary Rehabilitation in Patients after Acute Exacerbation of Chronic Obstructive Pulmonary Disease. <i>The Indian Journal of Chest Diseases & Allied Sciences</i> , 2022, 56, 7-12.	0.1	9
2015	Dehydroepiandrosterone in fibrotic interstitial lung disease: a translational study. <i>Respiratory Research</i> , 2022, 23, .	3.6	3
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2017	Cystic fibrosis related diabetes is not associated with maximal aerobic exercise capacity in cystic fibrosis: a cross-sectional analysis of an international multicenter trial. <i>Journal of Cystic Fibrosis</i> , 2023, 22, 31-38.	0.7	2
2018	Single dose of budesonide/formoterol turbuhaler compared to salbutamol pMDI for speed of bronchodilator onset in asthma: a randomised cross-over trial. <i>Thorax</i> , 2023, 78, 745-751.	5.6	9

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2021	Sex differences in the ventilatory responses to exercise in mild to moderate obesity. <i>Experimental Physiology</i> , 2022, 107, 965-977.	2.0	4
2022	Influence of respiratory loading on left ventricular function in cervical spinal cord injury. <i>Journal of Physiology</i> , 0, , .	2.9	2
2023	Diagnostics of pulmonary sarcoidosis by the method of computed tomographic densitovolumetry. <i>Bulletin Physiology and Pathology of Respiration</i> , 2022, 1, 49-62.	0.2	3
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2025	Exertional dyspnoea in patients with mild to severe chronic obstructive pulmonary disease: neuromechanical mechanisms. <i>Journal of Physiology</i> , 2022, 600, 4227-4245.	2.9	11
2026	Leveraging Therapy-Specific Polygenic Risk Scores to Predict Restrictive Lung Defects in Childhood Cancer Survivors. <i>Cancer Research</i> , 2022, 82, 2940-2950.	0.9	3
2027	Dual-energy CT lung perfusion in systemic sclerosis: preliminary experience in 101 patients. <i>European Radiology</i> , 2023, 33, 401-413.	4.5	2
2028	Small airways dysfunction is associated with increased exacerbations in patients with asthma. <i>Journal of Applied Physiology</i> , 2022, 133, 629-636.	2.5	10
2029	Physiological predictors of morbidity and mortality in COPD: the relative importance of reduced inspiratory capacity and inspiratory muscle strength. <i>Journal of Applied Physiology</i> , 2022, 133, 679-688.	2.5	3
2030	Reversal of collateral ventilation using endoscopic polymer foam in COPD patients undergoing endoscopic lung volume reduction with endobronchial valves: A controlled parallel group trial. <i>Respirology</i> , 2022, 27, 1064-1072.	2.3	8
2031	Mechanical effects of obesity on central and peripheral airway resistance in nonasthmatic early pubescent children. <i>Pediatric Pulmonology</i> , 2022, 57, 2937-2945.	2.0	3
2032	Functional changes in the respiratory system after COVID-19-associated lung injury. <i>Pulmonologiya</i> , 2022, 32, 558-567.	0.8	4
2033	Transbronchial lung cryobiopsy for diagnosing interstitial lung disease: A retrospective single-center experience. <i>Tuberculosis and Respiratory Diseases</i> , 0, , .	1.8	0
2034	Assessing Decreased Thoracic Compliance With Forced Oscillation Technique and Spirometry. <i>Respiratory Care</i> , 2022, 67, 1460-1464.	1.6	0
2037	Pulmonary function testing in neuromuscular disease. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2022, , 3-13.	1.8	0
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2042	Cytokines Profile and Lung Function in Children with Obesity and Asthma: A Case Control Study. Children, 2022, 9, 1462.	1.5	5
2043	Exercise testing and postoperative complications after minimally invasive lung resection: A cohort study. Frontiers in Physiology, 0, 13, .	2.8	4
2044	Influence of bronchopulmonary dysplasia on lung function in adolescents who were born extremely prematurely. Pediatric Pulmonology, 2022, 57, 3151-3157.	2.0	8
2045	Stabilising function of the human diaphragm in response to involuntary augmented breaths induced with or without lowerâ€limb movements. Experimental Physiology, 2022, 107, 1477-1492.	2.0	3
2046	Cardiopulmonary testing in adult patients with Î²-thalassemia major in comparison to healthy subjects. Annals of Hematology, 2022, 101, 2445-2452.	1.8	0
2047	Pulmonary function in children with persistent tachypnea of infancy. Pediatric Pulmonology, 2023, 58, 81-87.	2.0	0
2049	Small for gestational age is associated with reduced lung function in middle age: A prospective study from first to fifth decade of life. Respiriology, 0, , .	2.3	3
2050	Tidal volume expandability affected by flow, dynamic hyperinflation, and quasi-fixed inspiratory time in patients with COPD and healthy individuals. Chronic Respiratory Disease, 2022, 19, 147997312211333.	2.4	2
2052	Cardiopulmonary work up of patients with and without fatigue 6Âmonths after COVID-19. Scientific Reports, 2022, 12, .	3.3	1
2053	Deep Learning for Estimating Lung Capacity on Chest Radiographs Predicts Survival in Idiopathic Pulmonary Fibrosis. Radiology, 2023, 306, .	7.3	5
2054	Bronchodilator Responsiveness Defined by the 2005 and 2021 ERS/ATS Criteria in Patients with Asthma as Well as Chronic Obstructive Pulmonary Disease. International Journal of COPD, 0, Volume 17, 2623-2633.	2.3	8
2055	Longitudinal Analysis of Quadriceps Muscle Strength in Patients with Previous COVID-19 Hospitalization and in Patients with Post-Acute Sequelae following Mild COVID-19. Nutrients, 2022, 14, 4319.	4.1	4
2056	Non-Invasive Assessment of Right Ventricle to Arterial Coupling for Prognosis Stratification of Fibrotic Interstitial Lung Diseases. Journal of Clinical Medicine, 2022, 11, 6115.	2.4	0
2057	Oropharyngeal obstruction and respiratory system compliance are linked to ventilatory control parameters in pediatric obstructive sleep apnea syndrome. Scientific Reports, 2022, 12, .	3.3	3
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