## CITATION REPORT List of articles citing

Global Strategy for the Diagnosis, Management, and Prevention of Chronic Obstructive Lung Disease 2017 Report. GOLD Executive Summary

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#	Paper	IF	Citations
2094	Causes and predictors of hospital readmissions in patients older than 65 years hospitalized for heart failure with preserved left ventricular ejection fraction in western Romania. <b>2015</b> , 10, 979-90		7
2093	Computed Tomography Image Matching in Chronic Obstructive Pulmonary Disease. <b>2016</b> , 44, 411-425		O
2092	Stability of Blood Eosinophils in Patients with Chronic Obstructive Pulmonary Disease and in Control Subjects, and the Impact of Sex, Age, Smoking, and Baseline Counts. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 195, 1402-1404	10.2	77
2091	Bringing Stability to the Chronic Obstructive Pulmonary Disease Patient: Clinical and Pharmacological Considerations for Frequent Exacerbators. <b>2017</b> , 77, 651-670		4
2090	This patient is not breathing properly: is this COPD, heart failure, or neither?. <b>2017</b> , 15, 389-396		4
2089	Clinical News. <b>2017</b> , 78, 128-131		
2088	Transpulmonary Pressure Meaning: Babel or Conceptual Evolution?. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 195, 1404-1405	10.2	4
2087	A Light in the Darkness? The FLAME Trial, Blood Eosinophils, and Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 195, 1125-1127	10.2	5
2086	Responsiveness to Ipratropium Bromide in Male and Female Patients with Mild to Moderate Chronic Obstructive Pulmonary Disease. <b>2017</b> , 19, 139-145		21
2085	Lung Function Abnormalities in Smokers with Ischemic Heart Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 195, 1536-1537	10.2	3
2084	Response to Indacaterol/Glycopyrronium (IND/GLY) by Sex in Patients with COPD: A Pooled Analysis from the IGNITE Program. <b>2017</b> , 14, 375-381		25
2083	Update in Asthma 2016. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 548-557	10.2	4
2082	Update in Chronic Obstructive Pulmonary Disease 2016. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 196, 414-424	10.2	8
2081	Response. <b>2017</b> , 151, 1397-1398		
2080	Sarcoidosis and Risk of VTE: Validation With Big Data. <b>2017</b> , 151, 1398-1399		7
2079	Commencement of cardioselective beta-blockers during hospitalisation for acute exacerbations of chronic obstructive pulmonary disease. <b>2017</b> , 47, 1043-1050		6
2078	Underdiagnosis in COPD: a battle worth fighting. <b>2017</b> , 5, 367-368		17

2077	Eosinophilia, Frequent Exacerbations, and Steroid Response in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 196, 1219-1221	2	81
2076	Predicting Corticosteroid Response in Chronic Obstructive Pulmonary Disease. Blood Eosinophils Gain Momentum. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 196, 1098-1100	2	11
2075	Dissecting Survival Pathways in Lung Cancer, Fibrosis and Emphysema: "The Four Horses of the Apocalypse". <b>2017</b> , 94, 239-241		
2074	Toll-like receptor 2 and 4 have opposing roles in the pathogenesis of cigarette smoke-induced chronic obstructive pulmonary disease. <b>2018</b> , 314, L298-L317		23
2073	Interventions to promote referral, uptake and adherence to pulmonary rehabilitation for people with chronic obstructive pulmonary disease (COPD). <b>2017</b> ,		5
2072	Effect of morphine on breathlessness and exercise endurance in advanced COPD: a randomised crossover trial. <b>2017</b> , 50,		31
2071	The prevalence of PI*S and PI*Z SERPINA1 alleles in healthy individuals and COPD patients in Saudi Arabia: A case-control study. <b>2017</b> , 96, e8320		6
2070	Nutrition Therapy in End-Stage Lung Disease. <b>2017</b> , 6, 291-298		1
2069	Comparative effectiveness of indacaterol/glycopyrronium in the treatment of chronic obstructive pulmonary disease. <b>2017</b> , 6, 627-636		3
2068	Magnesium to counteract elastin degradation and vascular calcification in chronic obstructive pulmonary disease. <b>2017</b> , 107, 74-77		5
2067	Obesity modulates diaphragm curvature in subjects with and without COPD. <b>2017</b> , 313, R620-R629		12
2066	Requirements, Strengths and Weaknesses of Inhaler Devices for COPD Patients from the Expert Prescribers' Point of View: Results of the EPOCA Delphi Consensus. <b>2017</b> , 14, 573-580		12
2065	More Options for Treating Severe Hyperinflation in Advanced Emphysema. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 196, 1496-1498	2	
2064	Effect of Statins on COPD: A Meta-Analysis of Randomized Controlled Trials. <b>2017</b> , 152, 1159-1168		32
2063	Emerging inhaled long-acting beta-2 adrenoceptor agonists for the treatment of COPD. <b>2017</b> , 22, 285-299		2
2062	Epidemiology of Lung Disease in Older Persons. <b>2017</b> , 33, 491-501		6
2061	Evaluation of Dyspnea in the Elderly. <b>2017</b> , 33, 503-521		10
2060	Care of Respiratory Conditions in an Observation Unit. <b>2017</b> , 35, 625-645		O

2059	A pragmatic, phase III, multisite, double-blind, placebo-controlled, parallel-arm, dose increment randomised trial of regular, low-dose extended-release morphine for chronic breathlessness: Breathlessness, Exertion And Morphine Sulfate (BEAMS) study protocol. <b>2017</b> , 7, e018100		16
2058	Inhaler Training Delivered by Internet-Based Home Videoconferencing Improves Technique and Quality of Life. <b>2017</b> , 62, 1412-1422		21
2057	Signs of Gas Trapping in Normal Lung Density Regions in Smokers. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 196, 1404-1410	10.2	18
2056	Promoting physical activity in COPD: Insights from a randomized trial of a web-based intervention and pedometer use. <b>2017</b> , 130, 102-110		41
2055	Characterisation of lung macrophage subpopulations in COPD patients and controls. <b>2017</b> , 7, 7143		48
2054	Comparison of exercise training responses in COPD patients with and without Alpha-1 antitrypsin deficiency. <b>2017</b> , 130, 98-101		5
2053	Hospital Procalcitonin Testing and Antibiotic Treatment of Patients Admitted for Chronic Obstructive Pulmonary Disease Exacerbation. <b>2017</b> , 14, 1779-1785		7
2052	Internet-based support for self-management strategies for people with COPD-protocol for a controlled pragmatic pilot trial of effectiveness and a process evaluation in primary healthcare. <b>2017</b> , 7, e016851		14
2051	Breathlessness in the primary care setting. <b>2017</b> , 11, 152-158		2
2050	What do polymorphisms tell us about the mechanisms of COPD?. <b>2017</b> , 131, 2847-2863		10
2049	Procalcitonin in Chronic Obstructive Pulmonary Disease Exacerbations: Is It Ready for Primetime Use?. <b>2017</b> , 14, 1757-1758		
2048	Environmental exposures and chronic obstructive pulmonary disease. <b>2017</b> , 13, 251-255		17
2047	Knockout of RAGE ameliorates mainstream cigarette smoke-induced airway inflammation in mice. <b>2017</b> , 50, 230-235		20
2046	Global Initiative for Chronic Obstructive Lung Disease (GOLD) 20th Anniversary: a brief history of time. <b>2017</b> , 50,		43
2045	A pragmatic approach to simplify inhaler therapy for COPD. <b>2017</b> , 5, 679-681		4
2044	COPD exacerbator phenotype: time for reassessment?. <b>2017</b> , 5, 600-601		2
2043	The Role of Chest Computed Tomography in the Evaluation and Management of the Patient with Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 196, 1372-1379	10.2	65
2042	Natural history of COPD: gaps and opportunities. <b>2017</b> , 3,		23

2041 Tratamiento de la insuficiencia respiratoria crilica. Oxigenoterapia. <b>2017</b> , 12, 2755-2765	1
2040 [Accuracy in the diagnosis of chronic obstructive pulmonary disease in primary care]. <b>2017</b> , 43, 537-539	
2039 Data published on novel treatment strategies for COPD care. <b>2017</b> , 23, 24-25	
Perception of symptoms and quality of life - comparison of patients' and physicians' views in the COPD MIRROR study. <b>2017</b> , 12, 2189-2196	31
Efficacy of long-term noninvasive positive pressure ventilation in stable hypercapnic COPD patients with respiratory failure: a meta-analysis of randomized controlled trials. <b>2017</b> , 12, 2977-2985	16
2036 Sensitization to as a risk factor for bronchiectasis in COPD. <b>2017</b> , 12, 2629-2638	29
Real-life feasibility and effectiveness of home-based pulmonary rehabilitation in chronic obstructive pulmonary disease requiring medical equipment. <b>2017</b> , 12, 3549-3556	19
2034 Small airways disease: time for a revisit?. <b>2017</b> , 12, 2343-2353	29
2033 Characteristics and potential role of M2 macrophages in COPD. <b>2017</b> , 12, 3029-3039	37
Prognostic role of neutrophil-lymphocyte ratio and platelet-lymphocyte ratio for hospital mortality in patients with AECOPD. <b>2017</b> , 12, 2285-2290	64
2031 Doxofylline is not just another theophylline!. <b>2017</b> , 12, 3487-3493	31
Metabolic changes of different high-resolution computed tomography phenotypes of COPD after budesonide-formoterol treatment. <b>2017</b> , 12, 3511-3521	7
Triple therapy in COPD: new evidence with the extrafine fixed combination of beclomethasone dipropionate, formoterol fumarate, and glycopyrronium bromide. <b>2017</b> , 12, 2917-2928	23
2028 Brazilian guidelines for the clinical management of paracoccidioidomycosis. <b>2017</b> , 50, 715-740	180
The Alteration of Irisin-Brain-Derived Neurotrophic Factor Axis Parallels Severity of Distress Disorder in Bronchial Asthma Patients. <b>2017</b> , 11, 653	8
Lung transplantation and survival outcomes in patients with oxygen-dependent COPD with regard to their alpha-1 antitrypsin deficiency status. <b>2017</b> , 12, 3281-3287	2
2025 Small Airway Disease in Patients with Chronic Obstructive Pulmonary Disease. <b>2017</b> , 80, 317-324	15
Comparison of COPD Assessment Test and Clinical COPD Questionnaire to predict the risk of exacerbation. <b>2018</b> , 13, 101-107	13

2023	High prevalence of COPD in atherosclerosis patients. <b>2017</b> , 12, 3047-3053	13
2022	Diabetes risks and outcomes in chronic obstructive pulmonary disease patients: Two nationwide population-based retrospective cohort studies. <b>2017</b> , 12, e0181815	14
2021	RNA sequencing identifies novel non-coding RNA and exon-specific effects associated with cigarette smoking. <b>2017</b> , 10, 58	29
2020	COPD monocytes demonstrate impaired migratory ability. <b>2017</b> , 18, 90	13
2019	MicroRNA-181c inhibits cigarette smoke-induced chronic obstructive pulmonary disease by regulating CCN1 expression. <b>2017</b> , 18, 155	34
2018	A 28-day, randomized, double-blind, placebo-controlled, parallel group study of nebulized revefenacin in patients with chronic obstructive pulmonary disease. <b>2017</b> , 18, 182	25
2017	Vitamin K deficiency: the linking pin between COPD and cardiovascular diseases?. <b>2017</b> , 18, 189	17
2016	Carbon dioxide narcosis due to inappropriate oxygen delivery: a case report. <b>2017</b> , 11, 204	5
2015	Effects of combination therapy indacaterol/glycopyrronium versus tiotropium on moderate to severe COPD: evaluation of impulse oscillometry and exacerbation rate. <b>2017</b> , 12, 25	7
2014	Microbiological airway colonization in COPD patients with severe emphysema undergoing endoscopic lung volume reduction. <b>2018</b> , 13, 29-35	3
2013	The efficacy of extrafine beclomethasone dipropionate-formoterol fumarate in COPD patients who are not "frequent exacerbators": a post hoc analysis of the FORWARD study. <b>2017</b> , 12, 3263-3271	3
2012	Occupational exposure to vapor, gas, dust, or fumes and chronic airflow limitation, COPD, and emphysema: the Swedish CArdioPulmonary BioImage Study (SCAPIS pilot). <b>2017</b> , 12, 3407-3413	10
2011	Changes in definition lead to changes in the clinical characteristics across COPD categories according to GOLD 2017: a national cross-sectional survey in China. <b>2017</b> , 12, 3095-3102	17
2010	Alteration of the irisin-brain-derived neurotrophic factor axis contributes to disturbance of mood in COPD patients. <b>2017</b> , 12, 2023-2033	17
2009	Ampicillin resistance in from COPD patients in the UK. <b>2017</b> , 12, 1507-1518	16
2008	Promoting the inclusion of vital-capacity data in the bronchodilator response. <b>2017</b> , 12, 1243-1245	1
2007	Individualized Care in COPD: Updated Guidelines from Revised GOLD 2017 Report. 2017, 02,	
2006	Advances in Chronic Obstructive Pulmonary Disease Therapy: A Vascular-Targeted Approach. <b>2017</b> , 9, 1179559X1771912	1

2005	Lung densitometry: why, how and when. <b>2017</b> , 9, 3319-3345	40
2004	Association of glutathione S-transferase polymorphisms with the severity of mustard lung. <b>2017</b> , 7, 255-261	6
2003	Rethinking Chronic Obstructive Pulmonary Disease. Chronic Pulmonary Insufficiency and Combined Cardiopulmonary Insufficiency. <b>2018</b> , 15, S30-S34	7
2002	Restoring Th17/Treg balance via modulation of STAT3 and STAT5 activation contributes to the amelioration of chronic obstructive pulmonary disease by Bufei Yishen formula. <b>2018</b> , 217, 152-162	25
2001	Characteristics associated with mortality in patients with chronic obstructive pulmonary disease (COPD)-heart failure coexistence. <b>2018</b> , 19, 570-574	3
<b>2</b> 000	Continuous remote monitoring of COPD patients-justification and explanation of the requirements and a survey of the available technologies. <b>2018</b> , 56, 547-569	36
1999	A safety comparison of LABA+LAMA vs LABA+ICS combination therapy for COPD. <b>2018</b> , 17, 509-517	4
1998	Real-world study of acute exacerbations of COPD reveals real gaps in care. <b>2018</b> , 23, 644-645	1
1997	Impulse oscillometry measurement of distal airways obstruction in depleted uranium-exposed Gulf War veterans. <b>2018</b> , 61, 308-316	3
1996	Physiological responses to arm versus leg activity in patients with chronic obstructive pulmonary disease: a systematic review protocol. <b>2018</b> , 8, e019942	2
1995	COPD as an endothelial disorder: endothelial injury linking lesions in the lungs and other organs? (2017 Grover Conference Series). <b>2018</b> , 8, 2045894018758528	61
1994	Spirometric Criteria for Chronic Obstructive Pulmonary Disease in Clinical Trials of Pharmacotherapy. <b>2018</b> , 15, 17-20	3
1993	Advances in Computed Tomography in Thoracic Imaging. <b>2018</b> , 53, 157-170	
1992	Early Endotyping: A Chance for Intervention in Chronic Obstructive Pulmonary Disease. <b>2018</b> , 59, 13-17	11
1991	Gait analysis in patients with chronic obstructive pulmonary disease: a systematic review. <b>2018</b> , 61, 408-415	14
1990	Airway obstruction and lung hyperinflation in COPD are linked to an impaired left ventricular diastolic filling. <b>2018</b> , 137, 14-22	27
1989	Spirometric impairments, cardiovascular outcomes, and noncardiovascular death in older persons. <b>2018</b> , 137, 40-47	7
1988	Left ventricular volume and wall stress are linked to lung function impairment in COPD. <b>2018</b> , 261, 172-178	16

1987	Cholesterol metabolism promotes B-cell positioning during immune pathogenesis of chronic obstructive pulmonary disease. <b>2018</b> , 10,		20
1986	Patient-reported Outcomes for the Detection, Quantification, and Evaluation of Chronic Obstructive Pulmonary Disease Exacerbations. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 198, 730-738	10.2	15
1985	The relationship between diurnal temperature range and COPD hospital admissions in Changchun, China. <b>2018</b> , 25, 17942-17949		12
1984	Update in Chronic Obstructive Pulmonary Disease 2017. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 197, 1534-1539	10.2	3
1983	Nrf2 attenuates inflammatory response in COPD/emphysema: Crosstalk with Wnt3a/Etatenin and AMPK pathways. <b>2018</b> , 22, 3514-3525		64
1982	Once-Daily Single-Inhaler Triple versus Dual Therapy in Patients with COPD. <b>2018</b> , 378, 1671-1680		511
1981	A large lung gene expression study identifying IL1B as a novel player in airway inflammation in COPD airway epithelial cells. <b>2018</b> , 67, 539-551		39
1980	Cadmium in tobacco smokers: a neglected link to lung disease?. <b>2018</b> , 27,		67
1979	COPD and cardiovascular diseases: now is the time for action!. <b>2018</b> , 73, 799-800		7
1978	Tiotropium and olodaterol in the prevention of chronic obstructive pulmonary disease exacerbations (DYNAGITO): a double-blind, randomised, parallel-group, active-controlled trial. <b>2018</b> , 6, 337-344		116
1977	The Impact of Care Specialty on Survival-Adjusted Medical Costs of COPD Patients After a Hospitalization: a longitudinal analysis. <b>2018</b> , 33, 1528-1535		2
1976	Prevalence and risk factors of chronic obstructive pulmonary disease in China (the China Pulmonary Health [CPH] study): a national cross-sectional study. <b>2018</b> , 391, 1706-1717		525
1975	Are We Delivering Optimal Pulmonary Rehabilitation? The Importance of Quality Indicators in Evaluating Clinical Practice. <b>2018</b> , 98, 541-548		2
1974	Lung function trajectories from pre-school age to adulthood and their associations with early life factors: a retrospective analysis of three population-based birth cohort studies. <b>2018</b> , 6, 526-534		113
1973	Readmission Due to Exacerbation of COPD: Associated Factors. <b>2018</b> , 196, 185-193		8
1972	Intensifying Long-Acting FAgonist/Corticosteroid Therapy at Acute Exacerbations of Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 197, 1096-1098	10.2	4
1971	The impact of coexisting lung diseases on outcomes in patients with pathological Stage I non-small-cell lung cancer. <b>2018</b> , 26, 1009-1015		3
1970	A Genome-Wide Association Study in Hispanics/Latinos Identifies Novel Signals for Lung Function. The Hispanic Community Health Study/Study of Latinos. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 198, 208-219	10.2	27

1969	Impact of Procalcitonin Guidance on Management of Adults Hospitalized with Chronic Obstructive Pulmonary Disease Exacerbations. <b>2018</b> , 33, 692-697	10
1968	Inhaled Corticosteroids and Fractures in COPD: Can We Finally Put This to Bed?. 2018, 153, 293-294	2
1967	Respiratory Symptoms in Young Adults and Future Lung Disease. The CARDIA Lung Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 197, 1616-1624	32
1966	Office Spirometry in Primary Care for the Diagnosis and Management of COPD: National Lung Health Education Program Update. <b>2018</b> , 63, 242-252	15
1965	Protocols to Evaluate Cigarette Smoke-Induced Lung Inflammation and Pathology in Mice. <b>2018</b> , 1725, 53-63	3
1964	Human airway branch variation and chronic obstructive pulmonary disease. 2018, 115, E974-E981	53
1963	[News about COPD - the Current GOLD Recommendations 2017]. 2018, 143, 174-178	
1962	At the Root: Defining and Halting Progression of Early Chronic Obstructive Pulmonary Disease.  American Journal of Respiratory and Critical Care Medicine, <b>2018</b> , 197, 1540-1551	94
1961	Mesenchymal stromal cell infusion modulates systemic immunological responses in stable COPD patients: a phase I pilot study. <b>2018</b> , 51,	40
1960	Characterization of the "Frequent Exacerbator Phenotype" in Bronchiectasis. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 197, 1410-1420	133
1959	A Historical Perspective of Pulmonary Rehabilitation. <b>2018</b> , 3-18	1
1958	Impaired Th1 responses in patients with acute exacerbations of COPD are improved with PD-1 blockade. <b>2018</b> , 188, 64-66	2
1957	The role of beta-blockers in the management of chronic obstructive pulmonary disease. <b>2018</b> , 12, 125-135	7
1956	The Role of Computed Tomography for the Evaluation of Lung Disease in Alpha-1 Antitrypsin Deficiency. <b>2018</b> , 153, 1240-1248	15
1955	The Therapeutic Potential of Hyaluronan in COPD. <b>2018</b> , 153, 792-798	11
1954	Prevalence of diabetes mellitus in individuals with airflow obstruction in a Japanese general population: The Yamagata-Takahata Study. <b>2018</b> , 56, 34-39	4
1953	Underdiagnosis of chronic obstructive pulmonary disease: should smokers be offered routine spirometry tests?. <b>2018</b> , 12, 83-85	4
1952	Co-morbidity and mortality among patients with interstitial lung diseases: A population-based study. <b>2018</b> , 23, 606-612	8

1951	Prevalence of chronic obstructive pulmonary disease in the global population with HIV: a systematic review and meta-analysis. <b>2018</b> , 6, e193-e202	70
1950	An old debate still in the Ephase?. <b>2018</b> , 20, 557-559	
1949	Inflammation and Cancer. 2018,	1
1948	rBmTI-6 attenuates pathophysiological and inflammatory parameters of induced emphysema in mice. <b>2018</b> , 111, 1214-1221	3
1947	The Role of Fixed-Dose Dual Bronchodilator Therapy in Treating COPD. <b>2018</b> , 131, 608-622	18
1946	Paratracheal Paraseptal Emphysema and Expiratory Central Airway Collapse in Smokers. <b>2018</b> , 15, 479-484	9
1945	Bacterial-derived Neutrophilic Inflammation Drives Lung Remodeling in a Mouse Model of Chronic Obstructive Pulmonary Disease. <b>2018</b> , 58, 736-744	21
1944	Prediction of mortality in patients with chronic obstructive pulmonary disease with the new Global Initiative for Chronic Obstructive Lung Disease 2017 classification: a cohort study. <b>2018</b> , 6, 204-212	35
1943	Effect of adding roflumilast or ciclesonide to glycopyrronium on lung volumes and exercise tolerance in patients with severe COPD: A pilot study. <b>2018</b> , 49, 20-26	2
1942	Analysis of volatile organic compounds in the breath of patients with stable or acute exacerbation of chronic obstructive pulmonary disease. <b>2018</b> , 12, 036002	33
1941	When Two Drugs Are Better than Three: Re-Modulating the Therapeutic Plan of a Chronic Obstructive Pulmonary Disease Patient. <b>2018</b> , 95 Suppl 1, 6-10	
1940	Associations of total and type-specific physical activity with mortality in chronic obstructive pulmonary disease: a population-based cohort study. <b>2018</b> , 18, 268	12
1939	Nutrition support in pulmonary and cardiac disease. 2018, 270-277	1
1938	Serum IgG subclass levels and risk of exacerbations and hospitalizations in patients with COPD. <b>2018</b> , 19, 30	20
1937	Assessing the healthcare resource use associated with inappropriate prescribing of inhaled corticosteroids for people with chronic obstructive pulmonary disease (COPD) in GOLD groups A or B: an observational study using the Clinical Practice Research Datalink (CPRD). <b>2018</b> , 19, 63	14
1936	Network modules uncover mechanisms of skeletal muscle dysfunction in COPD patients. <b>2018</b> , 16, 34	15
1935	Time to Understand the Infrequency of the Frequent Exacerbator Phenotype in COPD. <b>2018</b> , 153, 1087-1088	4
1934	Blood eosinophil count thresholds and exacerbations in patients with chronic obstructive pulmonary disease. <b>2018</b> , 141, 2037-2047.e10	95

1933	The Clinical Effects of Manipulative Therapy in People with Chronic Obstructive Pulmonary Disease. <b>2018</b> , 24, 677-683		7	
1932	Effets de llectrostimulation neuromusculaire combine des triceps suraux et des quadriceps dans la BPCO sum et tre sum lors dun programme de relabilitation respiratoire. <b>2018</b> , 18, 3-12			
1931	Severity of chronic obstructive pulmonary disease and presenting rhythm in patients with out-of-hospital cardiac arrest. <b>2018</b> , 126, 111-117		10	
1930	Benefits and costs of home pedometer assisted physical activity in patients with COPD. A preliminary randomized controlled trial. <b>2018</b> , 24, 211-218		8	
1929	Chronic Obstructive Pulmonary Disease in Lung Cancer Patients: Prevalence, Underdiagnosis, and Clinical Characterization. <b>2018</b> , 95, 414-421		10	
1928	p53 in Bronchial Club Cells Facilitates Chronic Lung Inflammation by Promoting Senescence. <b>2018</b> , 22, 3468-3479		25	
1927	Grouping schemes of welding fume exposure in shipyard welders. <b>2018</b> , 15, 413-421		1	
1926	Management of COPD in End-of-Life Care by Spanish Pulmonologists. <b>2018</b> , 15, 171-176		20	
1925	Prognostic Significance of Large Airway Dimensions on Computed Tomography in the General Population. The Multi-Ethnic Study of Atherosclerosis (MESA) Lung Study. <b>2018</b> , 15, 718-727		14	
1924	Opsonic Phagocytosis in Chronic Obstructive Pulmonary Disease Is Enhanced by Nrf2 Agonists.  American Journal of Respiratory and Critical Care Medicine, <b>2018</b> , 198, 739-750	).2	40	
1923	Acute respiratory distress syndrome in mechanically ventilated patients with community-acquired pneumonia. <b>2018</b> , 51,		26	
1922	The FULFIL trial: Twitter discussions from a respirology journal club (@respandsleepjc, #rsjc). <b>2018</b> , 2, 87-89			
1921	Quantitative proteomic characterization of the lung extracellular matrix in chronic obstructive pulmonary disease and idiopathic pulmonary fibrosis. <b>2018</b> , 189, 23-33		40	
1920	Involvement of patients' perspectives on treatment with noninvasive ventilation in patients with chronic obstructive pulmonary disease-A qualitative study. <b>2018</b> , 27, e61-e69		2	
1919	Molecular pathogenesis in chronic obstructive pulmonary disease and therapeutic potential by targeting AMP-activated protein kinase. <b>2018</b> , 233, 1999-2006		17	
1918	Nontypeable Haemophilus influenzae and chronic obstructive pulmonary disease: a review for clinicians. <b>2018</b> , 44, 125-142		24	
1917	Reply to Vanjare et al.: The z-Score Does Not Predict Mortality Because of Confounding by Age.  American Journal of Respiratory and Critical Care Medicine, 2018, 197, 141-142	).2		
1916	Reply to Londhe et al.: CAPTURE: A Screening Tool for Chronic Obstructive Pulmonary Disease or Obstructive Airway Disease?. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 197, 272-277	4 <sup>2</sup>		

1915	The effect of acute and 7-days dietary nitrate on mechanical efficiency, exercise performance and cardiac biomarkers in patients with chronic obstructive pulmonary disease. <b>2018</b> , 37, 1852-1861		9
1914	Associations between emphysema-like lung on CT and incident airflow limitation: a general population-based cohort study. <b>2018</b> , 73, 486-488		11
1913	Survival of Lung Transplant Candidates With COPD: BODE Score Reconsidered. <b>2018</b> , 153, 697-701		13
1912	Deterioration of Limb Muscle Function during Acute Exacerbation of Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 197, 433-449	10.2	35
1911	Respiratory muscle function and exercise limitation in patients with chronic obstructive pulmonary disease: a review. <b>2018</b> , 12, 67-79		34
1910	The Effects of Ramadan Intermittent Fasting (RIF) on Spirometric Data of Stable COPD Patients: A Pilot Study. <b>2018</b> , 12, 359-369		8
1909	Assessing patient-reported outcomes in asthma and COPD patients: which can be recommended in clinical practice?. <b>2018</b> , 24, 18-23		13
1908	Fibrocytes in Asthma and Chronic Obstructive Pulmonary Disease: Variations on the Same Theme. <b>2018</b> , 58, 288-298		13
1907	T-cell profile and systemic cytokine levels in overweight-obese patients with moderate to very-severe COPD. <b>2018</b> , 247, 74-79		3
1906	Sensory-mechanical effects of a dual bronchodilator and its anticholinergic component in COPD. <b>2018</b> , 247, 116-125		6
1905	Nasal high flow therapy and PtCO in stable COPD: A randomized controlled cross-over trial. <b>2018</b> , 23, 378-384		20
1904	"Spirometric" lung age reference equations: A narrative review. <b>2018</b> , 247, 31-42		5
1903	Global Initiative for Chronic Obstructive Lung Disease 2017 Classification and Lung Function Decline in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 197, 670-673	10.2	17
1902	Total Airway Count on Computed Tomography and the Risk of Chronic Obstructive Pulmonary Disease Progression. Findings from a Population-based Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 197, 56-65	10.2	89
1901	Reply to Vaz Fragoso et al.: Spirometry-based Diagnostic Criteria That Are Not Age-Appropriate Lack Clinical Relevance. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 197, 964-965	10.2	
1900	What kind of information and communication technologies do patients with COPD prefer to use? A cross-sectional study in Latin America. <b>2018</b> , 15, 286-295		6
1899	Multidimensional approach for the proper management of a complex chronic patient with chronic obstructive pulmonary disease. <b>2018</b> , 12, 103-112		1
1898	A critical evaluation of the anabolic response after bolus or continuous feeding in COPD and healthy older adults. <b>2018</b> , 132, 17-31		8

1897	Systemic Markers of Adaptive and Innate Immunity Are Associated with Chronic Obstructive Pulmonary Disease Severity and Spirometric Disease Progression. <b>2018</b> , 58, 500-509	21
1896	The revised GOLD 2017 COPD categorization in relation to comorbidities. 2018, 134, 79-85	34
1895	Resveratrol for patients with chronic obstructive pulmonary disease: hype or hope?. <b>2018</b> , 21, 138-144	18
1894	Asthma versus chronic obstructive pulmonary disease, the Dutch versus British hypothesis, and role of interleukin-5. <b>2018</b> , 18, 26-31	7
1893	Comparison of quantitative regional ventilation-weighted fourier decomposition MRI with dynamic fluorinated gas washout MRI and lung function testing in COPD patients. <b>2018</b> , 47, 1534-1541	24
1892	Increased Expiratory Computed Tomography Density Reveals Possible Abnormalities in Radiologically Preserved Lung Parenchyma in Idiopathic Pulmonary Fibrosis. <b>2018</b> , 53, 45-51	7
1891	Impact of Lower-Limb Endurance Training on Dyspnea and Lung Functions in Patients with COPD. <b>2018</b> , 6, 2354-2358	5
1890	Population-based analysis of patients with COPD in Catalonia: a cohort study with implications for clinical management. <b>2018</b> , 8, e017283	10
1889	Ferropenia sin anemia, m∏ que un hallazgo de laboratorio. <b>2018</b> , 59, 1-22	
1888	Predictors of de novo atrial fibrillation in a non-cardiac intensive care unit. <b>2018</b> , 30, 166-173	3
1887	The key questions in rehabilitation in thoracic surgery. <b>2018</b> , 10, S924-S930	4
1886	Endobronchial Coils Versus Lung Volume Reduction Surgery or Medical Therapy for Treatment of Advanced Homogenous Emphysema. <b>2018</b> , 5, 87-96	
	Advanced from ogenous Emphysema. 2010, 3, 67 90	3
1885	Integrating primary care of chronic respiratory disease, cardiovascular disease and diabetes in Brazil: Practical Approach to Care Kit (PACK Brazil): study protocol for randomised controlled trials. <b>2018</b> , 10, 4667-4677	10
	Integrating primary care of chronic respiratory disease, cardiovascular disease and diabetes in Brazil: Practical Approach to Care Kit (PACK Brazil): study protocol for randomised controlled trials.	
	Integrating primary care of chronic respiratory disease, cardiovascular disease and diabetes in Brazil: Practical Approach to Care Kit (PACK Brazil): study protocol for randomised controlled trials.  2018, 10, 4667-4677  Lung volume reduction with endobronchial coils for patients with emphysema. 2018, 10, S2797-S2805	10
1884	Integrating primary care of chronic respiratory disease, cardiovascular disease and diabetes in Brazil: Practical Approach to Care Kit (PACK Brazil): study protocol for randomised controlled trials. 2018, 10, 4667-4677  Lung volume reduction with endobronchial coils for patients with emphysema. 2018, 10, S2797-S2805	10
1884	Integrating primary care of chronic respiratory disease, cardiovascular disease and diabetes in Brazil: Practical Approach to Care Kit (PACK Brazil): study protocol for randomised controlled trials. 2018, 10, 4667-4677  Lung volume reduction with endobronchial coils for patients with emphysema. 2018, 10, S2797-S2805  Medication adherence during laboratory workup for primary aldosteronism: pilot study. 2018, 12, 2449-2455  Immune phenotypes in lung cancer patients with COPD: potential implications for immunotherapy.	10 6 3

1879	The effect of continuous positive airway pressure on pulmonary function may depend on the basal level of forced expiratory volume in 1 second. <b>2018</b> , 10, 6819-6827	4
1878	Antioxidants and Chronic Obstructive Pulmonary Disease. <b>2018</b> , 5, 277-288	10
1877	Clinical characteristics and outcomes in Japanese patients with COPD according to the 2017 GOLD classification: the Ishinomaki COPD Network Registry. <b>2018</b> , 13, 3947-3955	13
1876	A specific subtype of chronic obstructive pulmonary disease classified by forced vital capacity. <b>2018</b> , 10, 6547-6556	
1875	Altered levels of GST activity, Vit C, TPX and Cu in individuals with long-term sulfur mustard-induced lung complications. <b>2018</b> , 30, 483-491	3
1874	Current Status of Community-Acquired Pneumonia in Patients with Chronic Obstructive Pulmonary Disease. <b>2018</b> , 131, 1086-1091	5
1873	Circulating serotonin levels in COPD patients: a pilot study. <b>2018</b> , 18, 167	3
1872	Practical utility of general practice data capture and spatial analysis for understanding COPD and asthma. <b>2018</b> , 18, 897	5
1871	The BODE index and inspiratory muscle performance in COPD: Clinical findings and implications. <b>2018</b> , 6, 2050312118819015	3
	Short-term treatment of irbesartan and hydrochlorothiazide decreases plasma N-terminal pro-brain natriuretic peptide levels in subjects with acute exacerbations of COPD. <b>2019</b> , 14, 73-80	1
1869	Mucus Hydration in Subjects with Stable Chronic Bronchitis: A Comparison of Spontaneous and Induced Sputum. <b>2018</b> , 15, 572-580	7
1868	. 2018,	3
1867	[Characteristics of chronic obstructive pulmonary disease due to tobacco consumption in pneumology patients in lima and callao]. <b>2018</b> , 35, 265-271	
1866	COPD increases cardiac mortality in patients presenting with ventricular tachyarrhythmias and aborted cardiac arrest. <b>2018</b> , 145, 153-160	3
1865	Impact of Non-alcoholic Fatty Liver Disease on long-term cardiovascular events and death in Chronic Obstructive Pulmonary Disease. <b>2018</b> , 8, 16559	12
1864	Serum endocan levels in patients with stable COPD. <b>2018</b> , 13, 3367-3372	7
1863	Intensive Intervention to Improve Outcomes for Patients With COPD. <b>2018</b> , 320, 2322-2324	1
1862	Association of lung function with cardiovascular risk: a cohort study. <b>2018</b> , 19, 214	16

1861	High-intensity versus low-intensity noninvasive positive pressure ventilation in patients with acute exacerbation of chronic obstructive pulmonary disease (HAPPEN): study protocol for a multicenter randomized controlled trial. <b>2018</b> , 19, 645	1
186c	Roles of mitochondrial ROS and NLRP3 inflammasome in multiple ozone-induced lung inflammation and emphysema. <b>2018</b> , 19, 230	53
1859	N-glycosylation patterns of plasma proteins and immunoglobulin G in chronic obstructive pulmonary disease. <b>2018</b> , 16, 323	32
1858	Validation of the GOLD 2017 and new 16 subgroups (1A-4D) classifications in predicting exacerbation and mortality in COPD patients. <b>2018</b> , 13, 3425-3433	7
1857	[The new reference equations of the Global Lung function Initiative (GLI) for pulmonary function tests]. <b>2018</b> , 35, 1020-1027	6
1856	Bronchiectasis. <b>2018</b> , 4, 45	82
1855	Comparison of patient-reported outcomes during acute exacerbations of chronic obstructive pulmonary disease. <b>2018</b> , 5, e000305	4
1854	Defining the role of neutrophil-to-lymphocyte ratio in COPD: a systematic literature review. <b>2018</b> , 13, 3651-3662	21
1853	Influence of the type of emphysema in the relationship between COPD and lung cancer. 2018, 13, 3563-3570	7
1852	The Impact of Sepsis on the Outcomes of COPD Patients: A Population-Based Cohort Study. <b>2018</b> , 7,	8
1851	Preoperative Management of Medications. <b>2018</b> , 36, 663-675	2
1850	Triple therapy in the management of chronic obstructive pulmonary disease: systematic review and meta-analysis. <b>2018</b> , 363, k4388	39
1849	Old Friends, Old Wine, and Old COPD Classification Are Best. <b>2018</b> , 81, 347-348	2
1848	Cytotoxic lymphocytes in COPD airways: increased NK cells associated with disease, iNKT and NKT-like cells with current smoking. <b>2018</b> , 19, 244	11
1847	Long-term safety and efficacy of formoterol fumarate inhalation solution in patients with moderate-to-severe COPD. <b>2019</b> , 14, 117-127	1
1846	Does the GOLD 2017 Classification Improve the Ability to Predict Exacerbation and Mortality?. <b>2018</b> , 81, 256-257	1
1845	Relationship between airway obstruction and incidence of metabolic syndrome in Korea: a community-based cohort study. <b>2018</b> , 13, 2057-2063	6
1844	Differences in health care outcomes between postdischarge COPD patients treated with inhaled corticosteroid/long-acting Eagonist via dry-powder inhalers and pressurized metered-dose inhalers. <b>2019</b> , 14, 101-114	1

1843	Misclassification of Both Chronic Obstructive Pulmonary Disease and Heart Failure. 2018, 1, e185486	2
1842	Functionality of patients with Chronic Obstructive Pulmonary Disease at 3 months follow-up after elastic resistance training: a randomized clinical trial. <b>2018</b> , 24, 354-357	4
1841	Centrilobular emphysema and coronary artery calcification: mediation analysis in the SPIROMICS cohort. <b>2018</b> , 19, 257	10
1840	Spirometric changes during exacerbations of COPD: a post hoc analysis of the WISDOM trial. <b>2018</b> , 19, 251	12
1839	The relationship of dyspnea and disease severity with anthropometric indicators of malnutrition among patients with chronic obstructive pulmonary disease. <b>2018</b> , 34, 1408-1411	3
1838	Impact of Previous Physical Activity Levels on Symptomatology, Functionality, and Strength during an Acute Exacerbation in COPD Patients. <b>2018</b> , 6,	4
1837	Self-reported walking and associated factors in the Spanish population with chronic obstructive pulmonary disease. <b>2018</b> , 18, 166	O
1836	Improving Detection of Early Chronic Obstructive Pulmonary Disease. <b>2018</b> , 15, S243-S248	13
1835	Current Status and Future Opportunities in Lung Precision Medicine Research with a Focus on Biomarkers. An American Thoracic Society/National Heart, Lung, and Blood Institute Research Statement. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 198, e116-e136	30
1834	The patient profile of individuals with Alpha-1 antitrypsine gene mutations at a referral center in Brazil. <b>2018</b> , 44, 383-389	1
1833	Abnormal intrinsic brain activities in stable patients with COPD: a resting-state functional MRI study. <b>2018</b> , 14, 2763-2772	6
1832	Bronchodilator responsiveness or reversibility in asthma and COPD - a need for clarity. <b>2018</b> , 13, 3511-3513	12
1831	New Spirometry Indices for Detecting Mild Airflow Obstruction. <b>2018</b> , 8, 17484	10
1830	Clinical management of lung volume reduction in end stage emphysema patients. <b>2018</b> , 10, S2732-S2737	7
1829	Effect of Abdominal Binding on Diaphragmatic Neuromuscular Efficiency, Exertional Breathlessness, and Exercise Endurance in Chronic Obstructive Pulmonary Disease. <b>2018</b> , 9, 1618	3
1828	The Role of Omega-3 Fatty Acids in the Setting of Coronary Artery Disease and COPD: A Review. <b>2018</b> , 10,	16
1827	Astrocyte HIF-2Bupports learning in a passive avoidance paradigm under hypoxic stress. <b>2018</b> , 6, 35-56	6
1826	Concomitant inhaled corticosteroid use and the risk of pneumonia in COPD: a matched-subgroup post hoc analysis of the UPLIFT trial. <b>2018</b> , 19, 196	12

1825	Electro-acupuncture regulates the cholinergic anti-inflammatory pathway in a rat model of chronic obstructive pulmonary disease. <b>2018</b> , 16, 418-426	22
1824	Sociodemographic and clinical factors affecting the quality of life of patients with chronic obstructive pulmonary disease. <b>2018</b> , 13, 2869-2882	14
1823	Blood eosinophilia, use of inhaled corticosteroids, and risk of COPD exacerbations and mortality. <b>2018</b> , 27, 1191-1199	10
1822	Prevalence and Predictors of Obstructive Sleep Apnea in Patients with Chronic Obstructive Pulmonary Disease Undergoing Inpatient Pulmonary Rehabilitation. <b>2018</b> , 15, 265-270	16
1821	Long-term consumption of fruits and vegetables and risk of chronic obstructive pulmonary disease: a prospective cohort study of women. <b>2018</b> , 47, 1897-1909	17
1820	Life-Space mobility and clinical outcomes in COPD. <b>2018</b> , 13, 2731-2738	12
1819	Blood eosinophils and inhaled corticosteroids in patients with COPD: systematic review and meta-analysis. <b>2018</b> , 13, 2775-2784	26
1818	Retinoic acid signaling balances adult distal lung epithelial progenitor cell growth and differentiation. <b>2018</b> , 36, 461-474	41
1817	Trends in moderate and severe exacerbations among COPD patients in the UK from 2005 to 2013. <b>2018</b> , 144, 1-6	3
1816	The role of CAT in evaluating the response to treatment of patients with AECOPD. <b>2018</b> , 13, 2849-2858	13
1815	Bronchiectasis and Chronic Airway Disease: It Is Not Just About Asthma and COPD. 2018, 154, 737-739	27
1814	Airflow limitation classified with the fixed ratio or the lower limit of normal and cause-specific mortality - A prospective study. <b>2018</b> , 144, 36-41	8
1813	Critical regulation of inflammation via class A scavenger receptor. <b>2018</b> , 13, 1145-1155	5
1812	Proton pump inhibitors use is associated with a lower risk of acute exacerbation and mortality in patients with coexistent COPD and GERD. <b>2018</b> , 13, 2907-2915	6
1811	Gender difference on the knowledge, attitude, and practice of COPD diagnosis and treatment: a national, multicenter, cross-sectional survey in China. <b>2018</b> , 13, 3269-3280	12
1810	Inhaled calcium salts inhibit tobacco smoke-induced inflammation by modulating expression of chemokines and cytokines. <b>2018</b> , 53, 86-99	2
1809	Blood and sputum protein biomarkers for chronic obstructive pulmonary disease (COPD). <b>2018</b> , 15, 923-935	12
1808	NLRP3/Caspase-1 inflammasome activation is decreased in alveolar macrophages in patients with lung cancer. <b>2018</b> , 13, e0205242	16

1807	Blood eosinophil count as a prognostic biomarker in COPD. <b>2018</b> , 13, 3589-3596	13
1806	Chronic Obstructive Pulmonary Disease and Lung Cancer: Underlying Pathophysiology and New Therapeutic Modalities. <b>2018</b> , 78, 1717-1740	35
1805	Risk Factors for Depression in Patients with Chronic Obstructive Pulmonary Disease. <b>2018</b> , 24, 1417-1423	7
1804	Varenicline for long term smoking cessation in patients with COPD. <b>2018</b> , 53, 116-120	5
1803	Predictors of mortality in patients with COPD after 9 years. 2018, 13, 3389-3398	17
1802	Quantitative assessment of pulmonary vascular alterations in chronic obstructive lung disease: Associations with pulmonary function test and survival in the KOLD cohort. <b>2018</b> , 108, 276-282	11
1801	Forced oscillation technique for early detection of the effects of smoking and COPD: contribution of fractional-order modeling. <b>2018</b> , 13, 3281-3295	11
1800	Prevalence of and risk factors for presenting initial respiratory symptoms in patients undergoing surgery for lung cancer. <b>2018</b> , 9, 3515-3521	5
1799	Lung volume reduction with endobronchial valves in patients with emphysema. <b>2018</b> , 15, 847-857	4
1798	COPD Guidelines: A Review of the 2018 GOLD Report. <b>2018</b> , 93, 1488-1502	184
1798 1797	COPD Guidelines: A Review of the 2018 GOLD Report. <b>2018</b> , 93, 1488-1502  Failure of Low-Dose Theophylline to Prevent Exacerbations in Patients With COPD. <b>2018</b> , 320, 1541-1542	184
.,	Failure of Low-Dose Theophylline to Prevent Exacerbations in Patients With COPD. <b>2018</b> , 320, 1541-1542  Effects of YuPingFeng granules on acute exacerbations of COPD: a randomized, placeho-controlled	184
1797	Failure of Low-Dose Theophylline to Prevent Exacerbations in Patients With COPD. <b>2018</b> , 320, 1541-1542  Effects of YuPingFeng granules on acute exacerbations of COPD: a randomized, placebo-controlled	
1797 1796	Failure of Low-Dose Theophylline to Prevent Exacerbations in Patients With COPD. <b>2018</b> , 320, 1541-1542  Effects of YuPingFeng granules on acute exacerbations of COPD: a randomized, placebo-controlled study. <b>2018</b> , 13, 3107-3114  Significances of spirometry and impulse oscillometry for detecting small airway disorders assessed	21
1797 1796 1795	Failure of Low-Dose Theophylline to Prevent Exacerbations in Patients With COPD. <b>2018</b> , 320, 1541-1542  Effects of YuPingFeng granules on acute exacerbations of COPD: a randomized, placebo-controlled study. <b>2018</b> , 13, 3107-3114  Significances of spirometry and impulse oscillometry for detecting small airway disorders assessed with endobronchial optical coherence tomography in COPD. <b>2018</b> , 13, 3031-3044  Comparison of the clinical characteristics and comprehensive assessments of the 2011 and 2017	21 26
1797 1796 1795 1794	Failure of Low-Dose Theophylline to Prevent Exacerbations in Patients With COPD. 2018, 320, 1541-1542  Effects of YuPingFeng granules on acute exacerbations of COPD: a randomized, placebo-controlled study. 2018, 13, 3107-3114  Significances of spirometry and impulse oscillometry for detecting small airway disorders assessed with endobronchial optical coherence tomography in COPD. 2018, 13, 3031-3044  Comparison of the clinical characteristics and comprehensive assessments of the 2011 and 2017 GOLD classifications for patients with COPD in China. 2018, 13, 3011-3019	21 26 5
1797 1796 1795 1794	Failure of Low-Dose Theophylline to Prevent Exacerbations in Patients With COPD. 2018, 320, 1541-1542  Effects of YuPingFeng granules on acute exacerbations of COPD: a randomized, placebo-controlled study. 2018, 13, 3107-3114  Significances of spirometry and impulse oscillometry for detecting small airway disorders assessed with endobronchial optical coherence tomography in COPD. 2018, 13, 3031-3044  Comparison of the clinical characteristics and comprehensive assessments of the 2011 and 2017 GOLD classifications for patients with COPD in China. 2018, 13, 3011-3019  Modelling COPD co-morbidities in preclinical models. 2018, 23, 1094-1095  Use of medicines and health services for chronic obstructive pulmonary disease among a cohort of	21 26 5

1789	Clinical characteristics of patients newly diagnosed with COPD by the fixed ratio and lower limit of normal criteria: a cross-sectional analysis of the TargetCOPD trial. <b>2018</b> , 13, 1979-1986	7
1788	The multi-ethnic global lung initiative 2012 (GLI-2012) norms reflect contemporary adult's Algerian spirometry. <b>2018</b> , 13, e0203023	6
1787	Regional heterogeneity in response of airway epithelial cells to cigarette smoke. <b>2018</b> , 18, 148	9
1786	Comparison of the fixed ratio and the -score of FEV/FVC in the elderly population: a long-term mortality analysis from the Third National Health and Nutritional Examination Survey. <b>2018</b> , 13, 903-915	3
1785	Early and late do-not-resuscitate (DNR) decisions in patients with terminal COPD: a retrospective study in the last year of life. <b>2018</b> , 13, 2447-2454	5
1784	Incorporating telemedicine into the integrated care of the COPD patient a summary of an interdisciplinary workshop held in Stresa, Italy, 7-8 September 2017. <b>2018</b> , 143, 91-102	22
1783	2017 Global Initiative for Chronic Obstructive Lung Disease reclassifies half of COPD subjects to lower risk group. <b>2018</b> , 13, 165-173	13
1782	The prevalence and risk factors of venous thromboembolism in hospitalized patients with acute exacerbation of chronic obstructive pulmonary disease. <b>2018</b> , 12, 2573-2580	11
1781	The respiratory physiome: Clustering based on a comprehensive lung function assessment in patients with COPD. <b>2018</b> , 13, e0201593	21
1780	Static and dynamic hyperinflation during severe acute exacerbations of chronic obstructive pulmonary disease. <b>2018</b> , 13, 1269-1277	8
1779	Effect of the economic crisis on the use of health and home care services among Spanish COPD patients. <b>2018</b> , 13, 725-739	1
1778	Feasibility and challenges of using multiple breath washout in COPD. <b>2018</b> , 13, 2113-2119	24
1777	Association of Elevated Serum GM-CSF, IFN-, IL-4, and TNF- Concentration with Tobacco Smoke Induced Chronic Obstructive Pulmonary Disease in a South Indian Population. <b>2018</b> , 2018, 2027856	5
1776	Forced expiratory volume in one second: A novel predictor of work disability in subjects with suspected obstructive sleep apnea. <b>2018</b> , 13, e0201045	2
1775	The Role of Tiotropium+Olodaterol Dual Bronchodilator Therapy in the Management of Chronic Obstructive Pulmonary Disease. <b>2018</b> , 81, 13-18	5
1774	[Brazilian guidelines for the clinical management of paracoccidioidomycosis]. 2018, 27, e0500001	20
1773	Prevalence of COPD and respiratory symptoms associated with biomass smoke exposure in a suburban area. <b>2018</b> , 13, 1727-1734	19
1772	The NFB subunit RELA is a master transcriptional regulator of the committed epithelial-mesenchymal transition in airway epithelial cells. <b>2018</b> , 293, 16528-16545	28

1771	Endoscopic lung volume reduction coil treatment in patients with very low FEV: an observational study. <b>2018</b> , 12, 1753466618760133	4
1770	Looking into the eye of patients with chronic obstructive pulmonary disease: an opportunity for better microvascular profiling of these complex patients. <b>2018</b> , 96, 539-549	7
1769	Current approaches to the discovery of novel inhaled medicines. <b>2018</b> , 23, 1705-1717	31
1768	The pharmacokinetics, pharmacodynamics and tolerability of PUR0200, a novel tiotropium formulation, in chronic obstructive pulmonary disease. <b>2018</b> , 84, 2097-2105	5
1767	What can we learn about COPD from impulse oscillometry?. <b>2018</b> , 139, 106-109	30
1766	Procalcitonin-Guided Use of Antibiotics for Lower Respiratory Tract Infection. <b>2018</b> , 379, 236-249	217
1765	Neuromuscular electrostimulation for adults with chronic obstructive pulmonary disease. <b>2018</b> , 5, CD010821	11
1764	Pulmonary Function Tests for the Generalist: A Brief Review. <b>2018</b> , 93, 763-771	24
1763	Swallow and Aspiration in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 198, 1122-1129	11
1762	Chronic obstructive pulmonary disease may complicate Alzheimer's disease: a comorbidity problem. <b>2018</b> , 39, 1585-1589	11
1761	Endoscopic approaches for treating emphysema. <b>2018</b> , 12, 641-650	О
1760	Impact of Guideline Changes on Indications for Inhaled Corticosteroids among Veterans with Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 10.2 <b>2018</b> , 198, 1226-1228	9
1759	Improving Our Aim: Targeting Therapy with Roflumilast in Patients with Severe and Very Severe Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 10.2 <b>2018</b> , 198, 1242-1244	2
1758	Risk and temporal order of disease diagnosis of comorbidities in patients with COPD: a population health perspective. <b>2018</b> , 5, e000302	5
1757	Effect of electroacupuncture on expressions of acetylcholine and mucin 5AC in the lungs of rats with chronic obstructive pulmonary disease. <b>2018</b> , 16, 133-139	
1756	Phenotyping COPD exacerbations using imaging and blood-based biomarkers. <b>2018</b> , 13, 217-229	15
1755	Cardiorespiratory and muscle oxygenation responses to low-load/high-repetition resistance exercises in COPD and healthy controls. <b>2018</b> , 124, 877-887	6
1754	T wave peak-to-end interval in COPD. <b>2018</b> , 13, 2157-2162	2

1753	Seeing cilia: imaging modalities for ciliary motion and clinical connections. <b>2018</b> , 314, L909-L921	12
1752	Indacaterol/Glycopyrronium in the Treatment of Severe Respiratory Failure: Marked Improvement of Respiratory Failure in a Few Weeks - A Case Report. <b>2018</b> , 95 Suppl 1, 19-21	1
1751	Obliterative bronchiolitis associated with rheumatoid arthritis: analysis of a single-center case series. <b>2018</b> , 18, 105	15
1750	Prediction of severe exacerbations and mortality in COPD: the role of exacerbation history and inspiratory capacity/total lung capacity ratio. <b>2018</b> , 13, 1105-1113	15
1749	Tiotropium/olodaterol versus tiotropium in Japanese patients with COPD: results from the DYNAGITO study. <b>2018</b> , 13, 2147-2156	16
1748	Effect of long-acting lagonists olodaterol and formoterol on heart rate and blood pressure in chronic obstructive pulmonary disease patients. <b>2018</b> , 52, 1-6	9
1747	The dyspnoea-inactivity vicious circle in COPD: development and external validation of a conceptual model. <b>2018</b> , 52,	53
1746	Clinical and quantitative computed tomography predictors of response to endobronchial lung volume reduction therapy using coils. <b>2018</b> , 13, 2215-2223	3
1745	To Improve COPD Care: A New Instrument Is Needed to Assess Dyspnea. 2018, 154, 235-237	4
1744	Identification of Mepenzolate Derivatives With Long-Acting Bronchodilatory Activity. 2018, 9, 344	4
1743	A Novel Murine Chronic Obstructive Pulmonary Disease Model and the Pathogenic Role of MicroRNA-21. <b>2018</b> , 9, 503	17
1742	Effect of Vaporized Cannabis on Exertional Breathlessness and Exercise Endurance in Advanced	26
	Chronic Obstructive Pulmonary Disease. A Randomized Controlled Trial. <b>2018</b> , 15, 1146-1158	26
1741	Exacerbation heterogeneity in COPD: subgroup analyses from the FLAME study. <b>2018</b> , 13, 1125-1134	8
1741 1740		
	Exacerbation heterogeneity in COPD: subgroup analyses from the FLAME study. <b>2018</b> , 13, 1125-1134  Mean Platelet Volume and Platelet Distribution Width in Patients With Obstructive Sleep Apnea	8
1740	Exacerbation heterogeneity in COPD: subgroup analyses from the FLAME study. <b>2018</b> , 13, 1125-1134  Mean Platelet Volume and Platelet Distribution Width in Patients With Obstructive Sleep Apnea Syndrome and Concurrent Chronic Obstructive Pulmonary Disease. <b>2018</b> , 24, 1216-1222  Heart rate recovery is associated with ventilatory constraints and excess ventilation during exercise	8
1740 1739	Exacerbation heterogeneity in COPD: subgroup analyses from the FLAME study. 2018, 13, 1125-1134  Mean Platelet Volume and Platelet Distribution Width in Patients With Obstructive Sleep Apnea Syndrome and Concurrent Chronic Obstructive Pulmonary Disease. 2018, 24, 1216-1222  Heart rate recovery is associated with ventilatory constraints and excess ventilation during exercise in patients with chronic obstructive pulmonary disease. 2018, 25, 1667-1674  Pseudomonas aeruginosa in Chronic Obstructive Pulmonary Disease Patients with Frequent	8 10 7

1735	Emergency department management of acute exacerbations of chronic obstructive pulmonary disease: factors predicting readmission. <b>2018</b> , 13, 1647-1654		16
1734	Precision medicine in COPD: where are we and where do we need to go?. <b>2018</b> , 27,		33
1733	Reliability and validity of the test of incremental respiratory endurance measures of inspiratory muscle performance in COPD. <b>2018</b> , 13, 1569-1576		12
1732	Underdiagnosis and Overdiagnosis of Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 198, 1130-1139	10.2	90
1731	Airflow Obstruction Categorization Methods and Mortality. <b>2018</b> , 15, 920-925		1
1730	Aspergillus fumigatus Detection and Risk Factors in Patients with COPD-Bronchiectasis Overlap. <b>2018</b> , 19,		19
1729	Harmonization of Respiratory Data From 9 US Population-Based Cohorts: The NHLBI Pooled Cohorts Study. <b>2018</b> , 187, 2265-2278		25
1728	Soluble Triggering Receptor Expressed on Myeloid Cells 1 in lung cancer. <b>2018</b> , 8, 10766		10
1727	Precision medicine in COPD exacerbations. <b>2018</b> , 6, 657-659		14
1726	ADAM9: A Damaging Player in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 198, 1465-1466	10.2	2
1725	Editorial: Frailty, Comorbidity, and COPD. 2018, 22, 876-879		7
1725 1724	Editorial: Frailty, Comorbidity, and COPD. <b>2018</b> , 22, 876-879  Evaluation of the severity of small airways obstruction and alveolar destruction in chronic obstructive pulmonary disease. <b>2018</b> , 141, 159-164		7
, 3	Evaluation of the severity of small airways obstruction and alveolar destruction in chronic		
1724	Evaluation of the severity of small airways obstruction and alveolar destruction in chronic obstructive pulmonary disease. <b>2018</b> , 141, 159-164  Endobronchial Coils for Endoscopic Lung Volume Reduction: Best Practice Recommendations from		4
1724 1723	Evaluation of the severity of small airways obstruction and alveolar destruction in chronic obstructive pulmonary disease. <b>2018</b> , 141, 159-164  Endobronchial Coils for Endoscopic Lung Volume Reduction: Best Practice Recommendations from an Expert Panel. <b>2018</b> , 96, 1-11  Uric acid, lung function, physical capacity and exacerbation frequency in patients with COPD: a		4 26
1724 1723 1722	Evaluation of the severity of small airways obstruction and alveolar destruction in chronic obstructive pulmonary disease. 2018, 141, 159-164  Endobronchial Coils for Endoscopic Lung Volume Reduction: Best Practice Recommendations from an Expert Panel. 2018, 96, 1-11  Uric acid, lung function, physical capacity and exacerbation frequency in patients with COPD: a multi-dimensional approach. 2018, 19, 110  Indacaterol/Glycopyrronium in Clinical Practice: The Italian Experience. 2018, 95 Suppl 1, 1-2  Ultrasound-assessed diaphragmatic impairment is a predictor of outcomes in patients with acute		4 26 22
1724 1723 1722 1721	Evaluation of the severity of small airways obstruction and alveolar destruction in chronic obstructive pulmonary disease. 2018, 141, 159-164  Endobronchial Coils for Endoscopic Lung Volume Reduction: Best Practice Recommendations from an Expert Panel. 2018, 96, 1-11  Uric acid, lung function, physical capacity and exacerbation frequency in patients with COPD: a multi-dimensional approach. 2018, 19, 110  Indacaterol/Glycopyrronium in Clinical Practice: The Italian Experience. 2018, 95 Suppl 1, 1-2  Ultrasound-assessed diaphragmatic impairment is a predictor of outcomes in patients with acute exacerbation of chronic obstructive pulmonary disease undergoing noninvasive ventilation. 2018,		4 26 22 2

1717	Molecular imaging of pulmonary diseases. <b>2018</b> , 19, 17	13
1716	Integrative genomics identifies new genes associated with severe COPD and emphysema. <b>2018</b> , 19, 46	9
1715	Proteomic profiling of lung immune cells reveals dysregulation of phagocytotic pathways in female-dominated molecular COPD phenotype. <b>2018</b> , 19, 39	16
1714	Evaluation of a pharmacy-driven methicillin-resistant Staphylococcus aureus surveillance protocol in pneumonia. <b>2018</b> , 40, 526-532	11
1713	Von der E-Zigarette bis zur Beatmungstherapie. <b>2018</b> , 10, 25-26	
1712	Chronic Obstructive Pulmonary Disease and Stroke. <b>2018</b> , 15, 405-413	19
1711	Associated Pulmonary Hypertension Is an Independent Contributor to Exercise Intolerance in Chronic Fibrosing Interstitial Pneumonias. <b>2018</b> , 96, 543-551	4
1710	Effectiveness of Pulmonary Rehabilitation in Patients With Chronic Obstructive Pulmonary Disease With Different Degrees of Static Lung Hyperinflation. <b>2018</b> , 99, 2279-2286.e3	8
1709	Use of a Home-Based Manual as Part of a Pulmonary Rehabilitation Program. <b>2018</b> , 63, 1485-1491	4
1708	Role of accelerated aging in limb muscle wasting of patients with COPD. <b>2018</b> , 13, 1987-1998	11
1707	The physical, mental, and social impact of COPD in a population-based sample: results from the Longitudinal Aging Study Amsterdam. <b>2018</b> , 28, 30	18
1706	Comparative Efficacy of Chinese Herbal Injections for Treating Acute Exacerbation of Chronic Obstructive Pulmonary Disease: A Bayesian Network Meta-Analysis of Randomized Controlled Trials. <b>2018</b> , 2018, 7942936	7
1705	Human antigen R enhances the epithelial-mesenchymal transition via regulation of ZEB-1 in the human airway epithelium. <b>2018</b> , 19, 109	14
1704	The effects of repeated Toll-like receptors 2 and 4 stimulation in COPD alveolar macrophages. <b>2018</b> , 13, 771-780	17
1703	Pharmacological Therapy of COPD: Reasons for Optimism. <b>2018</b> , 154, 1404-1415	15
1702	The Effects of Ramadan-Fasting (RF) on Inflammatory and Hematological Indices of Stable Chronic Obstructive Pulmonary Disease (COPD) Male Patients: A Pilot Study. <b>2018</b> , 12, 2089-2103	7
1701	Frailty and clinical benefits with lung transplantation. <b>2018</b> , 37, 1245-1253	31
1700	Reducing COPD Readmissions: A Causal Bayesian Network Model. <b>2018</b> , 3, 4046-4053	6

1699	Palliative Care in Advanced Lung Diseases: A Void That Needs Filling. <b>2018</b> , 15, 1265-1268	4
1698	Applying the pragmatic-explanatory continuum indicator summary to the implementation of a physical activity coaching trial in chronic obstructive pulmonary disease. <b>2018</b> , 66, 455-463	4
1697	Predictors of Asthma/COPD Overlap in FDNY Firefighters With World Trade Center Dust Exposure: A Longitudinal Study. <b>2018</b> , 154, 1301-1310	26
1696	Alpha 1 antitrypsin to treat lung disease in alpha 1 antitrypsin deficiency: recent developments and clinical implications. <b>2018</b> , 13, 419-432	24
1695	Determinants of medical prescriptions for COPD care: an analysis of the EPOCONSUL clinical audit. <b>2018</b> , 13, 2279-2288	11
1694	The use of a standardized order set reduces systemic corticosteroid dose and length of stay for individuals hospitalized with acute exacerbations of COPD: a cohort study. <b>2018</b> , 13, 2271-2278	10
1693	Symptom-related sputum microbiota in stable chronic obstructive pulmonary disease. <b>2018</b> , 13, 2289-2299	10
1692	Coronary lesions in patients with COPD (Global Initiative for Obstructive Lung Disease stages I-III) and suspected or confirmed coronary arterial disease. <b>2018</b> , 13, 1999-2006	6
1691	Quantitative computed tomography features and clinical manifestations associated with the extent of bronchiectasis in patients with moderate-to-severe COPD. <b>2018</b> , 13, 1421-1431	5
1690	The role of argyrophilic nucleolar organizing region-associated proteins in clinical exacerbation of chronic obstructive pulmonary disease. <b>2018</b> , 46, 4995-5003	2
1689	Increased matrix metalloproteinase-9 to tissue inhibitor of metalloproteinase-1 ratio in smokers with airway hyperresponsiveness and accelerated lung function decline. <b>2018</b> , 13, 1135-1144	9
1688	Relationship between depression and lung function in the general population in Korea: a retrospective cross-sectional study. <b>2018</b> , 13, 2207-2213	12
1687	Test-re-test reliability of quadriceps muscle strength measures in people with more severe chronic obstructive pulmonary disease. <b>2018</b> , 50, 759-764	4
1686	Adherence to home-based inspiratory muscle training in individuals with chronic obstructive pulmonary disease. <b>2018</b> , 43, 75-79	8
1685	Morphometric analysis of mitochondria in lymphocytes of patients with exacerbations of chronic obstructive pulmonary disease - pilot study. <b>2018</b> , 13, 2313-2318	5
1684	Update on non-typeable Haemophilus influenzae-mediated disease and vaccine development. <b>2018</b> , 17, 503-512	35
1683	Chronic obstructive pulmonary disease subpopulations and phenotyping. <b>2018</b> , 141, 1961-1971	29
1682	Ambient Pollution-related Reprogramming of the Human Small Airway Epithelial Transcriptome.  American Journal of Respiratory and Critical Care Medicine, <b>2018</b> , 198, 1413-1422	10

1681	Validation of the portable Air-Smart Spirometer. <b>2018</b> , 13, e0192789		28
1680	COPD stands for complex obstructive pulmonary disease. <b>2018</b> , 27,		21
1679	A pilot study of daily telemonitoring to predict acute exacerbation in chronic obstructive pulmonary disease. <b>2018</b> , 116, 46-51		12
1678	NT-proBNP in stable COPD and future exacerbation risk: Analysis of the SPIROMICS cohort. <b>2018</b> , 140, 87-93		9
1677	Palliative Care for Chronic Obstructive Pulmonary Disease. Signs of Progress, but Still a Long Way to Go. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 198, 1356-1358	0.2	5
1676	To Withdraw or Not to Withdraw Inhaled Corticosteroids from Triple Therapy in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 198, 292-294	).2	4
1675	Utility of serum Aspergillus-galactomannan antigen to evaluate the risk of severe acute exacerbation in chronic obstructive pulmonary disease. <b>2018</b> , 13, e0198479		4
1674	Are Systemic Manifestations Ascribable to COPD in Smokers? A Structural Equation Modeling Approach. <b>2018</b> , 8, 8569		3
1673	Impact of bronchiectasis on outcomes of hospitalized patients with acute exacerbation of chronic obstructive pulmonary disease: A propensity matched analysis. <b>2018</b> , 8, 9236		12
1672	Substantial variation exists in spirometry interpretation practices for airflow obstruction in accredited lung function laboratories across Australia and New Zealand. <b>2019</b> , 49, 41-47		4
1671	Smoking-induced iron dysregulation in the lung. <b>2019</b> , 133, 238-247		17
1670	Pulmonary rehabilitation and BDNF levels in patients with chronic obstructive pulmonary disease: A pilot study. <b>2019</b> , 259, 63-69		1
1669	Voxel-Wise Longitudinal Parametric Response Mapping Analysis of Chest Computed Tomography in Smokers. <b>2019</b> , 26, 217-223		29
1668	Chronic Obstructive Pulmonary Disease. <b>2019</b> , 93-112		
1667	Acute Exacerbations of Chronic Obstructive Pulmonary Disease With a Low Procalcitonin Concentration: Impact of Antibiotic Therapy. <b>2019</b> , 68, 725-730		7
1666	Relationship among clinical periodontal, microbiologic parameters and lung function in participants with chronic obstructive pulmonary disease. <b>2019</b> , 90, 134-140		11
1665	A Model for Predicting Future FEV1 Decline in Smokers Using Hyperpolarized He Magnetic Resonance Imaging. <b>2019</b> , 26, 383-394		3
1664	Physiological and clinical characteristics of patients with COPD admitted to an inpatient pulmonary rehabilitation program: A real-life study. <b>2019</b> , 25, 71-78		11

1663	Preserved anabolic threshold and capacity as estimated by a novel stable tracer approach suggests no anabolic resistance or increased requirements in weight stable COPD patients. <b>2019</b> , 38, 1833-1843		7
1662	Capturing Exacerbations of Chronic Obstructive Pulmonary Disease with EXACT. A Subanalysis of FLAME. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2019</b> , 199, 43-51	10.2	2
1661	Relationship of spirometric, body plethysmographic, and diffusing capacity parameters to emphysema scores derived from CT scans. <b>2019</b> , 16, 1479972318775423		8
1660	Depressive Symptoms Are Associated with Self-Reported Physical Limitations That Are Activity Dependent in a Cross-Sectional Analysis of Subjects with Chronic Obstructive Pulmonary Disease. <b>2019</b> , 16, 254-260		1
1659	Consistency Constrained Reconstruction of Depth Maps from Epipolar Plane Images. 2019,		О
1658	Serum amino acid concentrations and clinical outcomes in smokers: SPIROMICS metabolomics study. <b>2019</b> , 9, 11367		10
1657	Consensus for managing patients with chronic obstructive pulmonary disease according to the CODEX index. <b>2019</b> , 219, 494-504		
1656	Association Between Long-term Exposure to Ambient Air Pollution and Change in Quantitatively Assessed Emphysema and Lung Function. <b>2019</b> , 322, 546-556		130
1655	Adherence to a Mediterranean-like Diet as a Protective Factor Against COPD: A Nested Case-Control Study. <b>2019</b> , 16, 272-277		12
1654	Association of rheumatoid arthritis-related autoantibodies with pulmonary function test abnormalities in a rheumatoid arthritis registry. <b>2019</b> , 38, 3401-3412		7
1653	Progress in the imaging of COPD: quantitative and functional evaluation. <b>2019</b> , 1, 43-48		
1652	Pragmatic Challenge of Sustainability: Long-Term Adherence to COPD Care Bundle Maintains Lower Readmission Rate. <b>2019</b> , 45, 639-645		3
1651	Red Blood Cell Distribution Width Predicts Pulmonary Hypertension Secondary to Chronic Obstructive Pulmonary Disease. <b>2019</b> , 2019, 3853454		7
1650	Dietary Patterns and Prevalence of Post-bronchodilator Airway Obstruction in Dairy Farmers Exposed to Organic Dusts. <b>2019</b> , 16, 118-125		1
1649	COPD beyond proximal bronchial obstruction: phenotyping and related tools at the bedside. <b>2019</b> , 28,		8
1648	The lung microbiome dynamics between stability and exacerbation in chronic obstructive pulmonary disease (COPD): Current perspectives. <b>2019</b> , 157, 1-6		19
1647	ToF-SIMS mediated analysis of human lung tissue reveals increased iron deposition in COPD (GOLD IV) patients. <b>2019</b> , 9, 10060		14
1646	Consensus for managing patients with chronic obstructive pulmonary disease according to the CODEX index. <b>2019</b> , 219, 494-504		2

1645	Multi-level immune response network in mild-moderate Chronic Obstructive Pulmonary Disease (COPD). <b>2019</b> , 20, 152	26
1644	Personalized medicine for patients with COPD: where are we?. <b>2019</b> , 14, 1465-1484	32
1643	The effects of single inhaler triple therapy vs single inhaler dual therapy or separate triple therapy for the management of chronic obstructive pulmonary disease: a systematic review and meta-analysis of randomized controlled trials. <b>2019</b> , 14, 1539-1548	18
1642	In vivo experimental models of infection and disease. <b>2019</b> , 195-238	1
1641	Is Two Better Than One? The Impact of Doubling Training Volume in Severe COPD: A Randomized Controlled Study. <b>2019</b> , 8,	
1640	Sensing of apoptotic cells through Axl causes lung basal cell proliferation in inflammatory diseases. <b>2019</b> , 216, 2184-2201	10
1639	Reproducibility and Changes in Vena Caval Blood Flow by Using 4D Flow MRI in Pulmonary Emphysema and Chronic Obstructive Pulmonary Disease (COPD): The Multi-Ethnic Study of Atherosclerosis (MESA) COPD Substudy. <b>2019</b> , 292, 585-594	9
1638	Analysis of two questionnaires on quality of life of Chronic Obstructive Pulmonary Disease patients. <b>2019</b> , 27, e3148	2
1637	Emphysema phenotypes and lung cancer risk. <b>2019</b> , 14, e0219187	10
1636	The relationship between acrolein and oxidative stress in COPD: in systemic plasma and in local lung tissue. <b>2019</b> , 14, 1527-1537	11
1635	Estimating Airway Resistance from Forced Expiration in Spirometry. <b>2019</b> , 9, 2842	2
1634	Low Vitamin K Status Is Associated with Increased Elastin Degradation in Chronic Obstructive Pulmonary Disease. <b>2019</b> , 8,	18
1633	Biological Effects of Thermal Water-Associated Hydrogen Sulfide on Human Airways and Associated Immune Cells: Implications for Respiratory Diseases. <b>2019</b> , 7, 128	28
1632	Validity of the diagnosis of pneumonia in hospitalised patients with COPD. <b>2019</b> , 5,	9
1631	Prediction of first acute exacerbation using COPD subtypes identified by cluster analysis. <b>2019</b> , 14, 1389-1397	5
1630	Functional and metabolic impairment in cigarette smoke-exposed macrophages is tied to oxidative stress. <b>2019</b> , 9, 9624	13
1629	IL-22 and its receptors are increased in human and experimental COPD and contribute to pathogenesis. <b>2019</b> , 54,	23
1628	Radiographic pulmonary vessel volume, lung function and airways disease in the Framingham Heart Study. <b>2019</b> , 54,	12

1627	Analysis of genetically driven alternative splicing identifies FBXO38 as a novel COPD susceptibility gene. <b>2019</b> , 15, e1008229	9
1626	A Woman With Dyspnea and Bronchiectasis. <b>2019</b> , 322, 571-572	О
1625	[Therapy control of COPD by Eosinophilic Granulocytes?]. <b>2019</b> , 144, 917-921	1
1624	Prognostic significance of chronic respiratory symptoms in individuals with normal spirometry. <b>2019</b> , 54,	26
1623	Interatrial blocks prevalence and risk factors for human immunodeficiency virus-infected persons. <b>2019</b> , 14, e0223777	0
1622	Metoprolol for the Prevention of Acute Exacerbations of COPD. 2019, 381, 2304-2314	51
1621	External validation of the PUMA COPD diagnostic questionnaire in a general practice sample and the PLATINO study population. <b>2019</b> , 14, 1901-1911	4
1620	COPD: Does Inpatient Education Impact Hospital Costs and Length of Stay?. <b>2019</b> , 97, 165-175	2
1619	Association of Occupational Exposure to Disinfectants With Incidence of Chronic Obstructive Pulmonary Disease Among US Female Nurses. <b>2019</b> , 2, e1913563	51
1618	genetic polymorphisms influence chronic obstructive pulmonary disease susceptibility in the Hainan population. <b>2019</b> , 14, 2103-2115	4
1617	Association of Coding Polymorphism with Lung Function and Serum IL-1© Concentration in Patients Diagnosed with Chronic Obstructive Pulmonary Disease (COPD). <b>2019</b> , 10,	11
1616	Berberine Attenuates Cigarette Smoke Extract-induced Airway Inflammation in Mice: Involvement of TGF-II/Smads Signaling Pathway. <b>2019</b> , 39, 748-753	7
1615	An automated method for the selection of complex railway lines that accounts for multiple feature constraints. <b>2019</b> , 23, 1296-1316	2
1614	Inhaled corticosteroids in COPD and onset of type 2 diabetes and osteoporosis: matched cohort study. <b>2019</b> , 29, 38	14
1613	Drug-related problems among hospitalized patients with COPD in mainland China. 2019, 41, 1507-1515	4
1612	Chronic bronchitis without airflow obstruction, asthma and rhinitis are differently associated with cardiovascular risk factors and diseases. <b>2019</b> , 14, e0224999	2
1611	COPD patients need more information about self-management: a cross-sectional study in Swedish primary care. <b>2019</b> , 37, 459-467	12
1610	Low FEV1 Is Associated With Increased Risk Of Cachexia In COPD Patients. <b>2019</b> , 14, 2433-2440	5

1609	Benefits of statins in chronic obstructive pulmonary disease patients with pulmonary hypertension: A meta-analysis. <b>2019</b> , 70, 39-42	1
1608	Cross-Sectional and Longitudinal Associations between Peak Expiratory Flow and Frailty in Older Adults. <b>2019</b> , 8,	7
1607	Losartan does not inhibit cigarette smoke-induced lung inflammation in mice. <b>2019</b> , 9, 15053	2
1606	Vitamin D for the management of chronic obstructive pulmonary disease. <b>2019</b> ,	78
1605	Omics Insights into Metabolic Stress and Resilience of Rats in Response to Short-term Fructose Overfeeding. <b>2019</b> , 63, e1900773	2
1604	Risk of adverse cardiovascular events with use of inhaled long-acting bronchodilators in management of chronic obstructive pulmonary disease. <b>2019</b> , 27, 657-670	4
1603	Chronic Obstructive Pulmonary Disease: Thoracic CT Texture Analysis and Machine Learning to Predict Pulmonary Ventilation. <b>2019</b> , 293, 676-684	10
1602	Circulating syndecan-1 as a novel biomarker relates to lung function, systemic inflammation, and exacerbation in COPD. <b>2019</b> , 14, 1933-1941	5
1601	Computed tomography-derived area and density of pectoralis muscle associated disease severity and longitudinal changes in chronic obstructive pulmonary disease: a case control study. <b>2019</b> , 20, 226	22
1600	Patient Perceptions of Life-limiting Chronic Obstructive Pulmonary Disease. <b>2019</b> , 15, 183-188	1
1599	Global prevalence of asthma-COPD overlap (ACO) in the general population: a systematic review and meta-analysis. <b>2019</b> , 20, 229	38
1598	High FA2H and UGT8 transcript levels predict hydroxylated hexosylceramide accumulation in lung adenocarcinoma. <b>2019</b> , 60, 1776-1786	9
1597	Environmental neglect: endocrine disruptors as underappreciated but potentially modifiable diabetes risk factors. <b>2019</b> , 62, 1811-1822	48
1596	Comparative Study of Cytokine Levels in Different Respiratory Samples in Mild-to-Moderate AECOPD Patients. <b>2019</b> , 197, 565-572	2
1595	Arachidonic Acid and Docosahexaenoic Acid Metabolites in the Airways of Adults With Cystic Fibrosis: Effect of Docosahexaenoic Acid Supplementation. <b>2019</b> , 10, 938	8
1594	CARM1 regulates senescence during airway epithelial cell injury in COPD pathogenesis. <b>2019</b> , 317, L602-L614	8
1593	Role of miRNA-181a-2-3p in cadmium-induced inflammatory responses of human bronchial epithelial cells. <b>2019</b> , 11, 3055-3069	22
1592	Network pharmacology <b>D</b> eciphering the molecular mechanism of San-Zi-Yang-Qin decoction for the treatment of chronic obstructive pulmonary disease. <b>2019</b> , 31, 100962	3

1591	Diffusing Capacity of Carbon Monoxide in Assessment of COPD. <b>2019</b> , 156, 1111-1119	28
1590	Increased risk for cardiovascular disease in patients with obstructive sleep apnoea syndrome-chronic obstructive pulmonary disease (overlap syndrome). <b>2019</b> , 13, 708-715	8
1589	Decline of COPD exacerbations in clinical trials over two decades - a systematic review and meta-regression. <b>2019</b> , 20, 186	6
1588	Long-term non-invasive ventilation for stable chronic hypercapnic COPD. <b>2019</b> , 6, 1644893	5
1587	The importance of CT quantitative evaluation of emphysema in lung cancer screening cohort with negative findings by visual evaluation. <b>2019</b> , 13, 741-750	1
1586	Investigation of the Prevalence and Diagnosis of Chronic Obstructive Pulmonary Disease in a Group of Elderly Individuals Residing in an Island Area of Ningbo. <b>2019</b> , 2019, 6918340	1
1585	Targeted therapy in chronic diseases using nanomaterial-based drug delivery vehicles. <b>2019</b> , 4, 33	196
1584	Comparison of the Association between Circulating Vitamin D Levels and Clinical Outcomes in Patients with Asthma and Chronic Obstructive Pulmonary Disease: A Prospective Observational Study. <b>2019</b> , 42, 1861-1866	1
1583	Comparison of 3-minute Step Test (3MStepT) and 6-minute Walk Test (6MWT) in Patients with COPD. <b>2019</b> , 16, 266-271	5
1582	Outcome of Regular Inhaled Treatment in GOLD A Chronic Obstructive Pulmonary Disease Patients. <b>2019</b> , 98, 312-320	1
1581	Early Do-Not-Resuscitate Directives Decrease Invasive Procedures and Health Care Expenses During the Final Hospitalization of Life of COPD Patients. <b>2019</b> , 58, 968-976	1
1580	Disruption of histidine and energy homeostasis in chronic obstructive pulmonary disease. <b>2019</b> , 14, 2015-202.	5 9
1579	Effect of PD-1 inhibitor on exhaled nitric oxide and pulmonary function in non-small cell lung cancer patients with and without COPD. <b>2019</b> , 14, 1867-1877	7
1578	Diagnostic and Therapeutic Gaps in Patients With Heart Failure and Chronic Obstructive Pulmonary Disease. <b>2019</b> , 7, 823-833	30
1577	Clinical and Functional Characteristics of COPD Patients Across GOLD Classifications: Results of a Multicenter Observational Study. <b>2019</b> , 16, 215-226	11
1576	Dose Response to Transnasal Pulmonary Administration of Bronchodilator Aerosols via Nasal High-Flow Therapy in Adults with Stable Chronic Obstructive Pulmonary Disease and Asthma. <b>2019</b> , 98, 401-409	9
1575	Striving for Confidence and Satisfaction in Everyday Life with Chronic Obstructive Pulmonary Disease: Rationale and Content of the Tele-Rehabilitation Programme >C:)PD-Life>>. <b>2019</b> , 16,	8
1574	Antiviral immunity is impaired in COPD patients with frequent exacerbations. <b>2019</b> , 317, L893-L903	28

1573	Prevalence of cardiac comorbidities, and their underdetection and contribution to exertional symptoms in COPD: results from the COSYCONET cohort. <b>2019</b> , 14, 2163-2172	14
1572	Filiform needle acupuncture for copd: A systematic review and meta-analysis. <b>2019</b> , 47, 102182	9
1571	Update on Clinical Aspects of Chronic Obstructive Pulmonary Disease. <b>2019</b> , 381, 1257-1266	136
1570	Glomerular hyperfiltration may be a novel risk factor of restrictive spirometry pattern: Analysis of the Korea National Health and Nutrition Examination Survey (KNHANES) 2009-2015. <b>2019</b> , 14, e0223050	4
1569	sFRP2 promotes airway inflammation and Th17/Treg imbalance in COPD via Wnt/Etatenin pathway. <b>2019</b> , 270, 103282	9
1568	Update on the Pathogenesis of Chronic Obstructive Pulmonary Disease. <b>2019</b> , 381, 1248-1256	156
1567	A Framework For Step Down Or Therapeutic Re-Organization For Withdrawal Of Inhaled Corticosteroids In Selected Patients With COPD: A Proposal For COPD Management. <b>2019</b> , 14, 2185-2193	2
1566	Disruption of white matter connectivity in chronic obstructive pulmonary disease. <b>2019</b> , 14, e0223297	
1565	High flow through nasal cannula in exacerbated COPD patients: a systematic review. <b>2019</b> , 25, 348-354	34
1564	Temporal Trends Of Pharmacologic Therapies For Patients With Chronic Obstructive Pulmonary Disease In Alberta, Canada. <b>2019</b> , 14, 2245-2256	
1563	Unexpected Harm From an Intensive COPD Intervention. <b>2019</b> , 322, 1357-1359	1
1562	Distribution, Temporal Stability and Appropriateness of Therapy of Patients With COPD in the UK in Relation to GOLD 2019. <b>2019</b> , 14, 32-41	27
1561	EAdrenergic genotypes and risk of severe exacerbations in COPD: a prospective cohort study. <b>2019</b> , 74, 934-940	5
1560	Do HIV-Infected Patients Die of Chronic Obstructive Pulmonary Disease in Western Countries?. <b>2019</b> , 55, 390-391	
1559	The association between recent hospitalized COPD exacerbations and adverse outcomes after percutaneous coronary intervention: a nationwide cohort study. <b>2019</b> , 14, 169-179	7
1558	Correlation of the modified Medical Research Council dyspnea scale with airway structure assessed by three-dimensional CT in patients with chronic obstructive pulmonary disease. <b>2019</b> , 146, 76-80	3
1557	Monitoring peak expiratory flow could predict COPD exacerbations: A prospective observational study. <b>2019</b> , 148, 43-48	3
1556	Improving outcomes in chronic obstructive pulmonary disease by taking beta-blockers after acute myocardial infarction: a nationwide observational study. <b>2019</b> , 34, 1158-1167	4

1555	Genome-Wide Association Analysis of Single-Breath Dl. <b>2019</b> , 60, 523-531	4
1554	Effect of Glucose Improvement on Spirometric Maneuvers in Patients With Type 2 Diabetes: The Sweet Breath Study. <b>2019</b> , 42, 617-624	7
1553	Patient perceived impact of nurse-led self-management interventions for COPD: A systematic review of qualitative research. <b>2019</b> , 91, 22-34	16
1552	The many faces of asthma-chronic obstructive pulmonary disease overlap. <b>2019</b> , 25, 1-10	9
1551	Prognostic impact of chronic obstructive pulmonary disease on adverse prognosis in hospitalized heart failure patients with preserved ejection fraction - A report from the JASPER registry. <b>2019</b> , 73, 459-465	11
1550	End-of-Life Health Care Utilization Between Chronic Obstructive Pulmonary Disease and Lung Cancer Patients. <b>2019</b> , 57, 933-943	11
1549	Function of cAMP scaffolds in obstructive lung disease: Focus on epithelial-to-mesenchymal transition and oxidative stress. <b>2019</b> , 176, 2402-2415	11
1548	Development challenges and opportunities in aerosol drug delivery systems in non-invasive ventilation in adults. <b>2019</b> , 16, 153-162	4
1547	Validity of the GOLD 2017 classification in the prediction of mortality and respiratory hospitalization in patients with chronic obstructive pulmonary disease. <b>2019</b> , 14, 911-919	5
1546	Identification of proteomic signatures associated with COPD frequent exacerbators. <b>2019</b> , 230, 1-9	9
1545	Blood Eosinophil Counts, Withdrawal of Inhaled Corticosteroids and Risk of COPD Exacerbations and Mortality in the Clinical Practice Research Datalink (CPRD). <b>2019</b> , 16, 152-159	11
1544	Additional Effects of Nutritional Antioxidant Supplementation on Peripheral Muscle during Pulmonary Rehabilitation in COPD Patients: A Randomized Controlled Trial. <b>2019</b> , 2019, 5496346	7
1543	COPD patients' experiences, self-reported needs, and needs-driven strategies to cope with self-management. <b>2019</b> , 14, 1033-1043	20
1542	Abnormalities on Chest Computed Tomography and Lung Function Following an Intense Dust Exposure: A 17-Year Longitudinal Study. <b>2019</b> , 16,	6
1541	Airflow Obstruction and Cardio-metabolic Comorbidities. <b>2019</b> , 16, 109-117	4
1540	Inhaled corticosteroids, blood eosinophils, and FEV decline in patients with COPD in a large UK primary health care setting. <b>2019</b> , 14, 1063-1073	8
1539	The etiologic origins for chronic obstructive pulmonary disease. <b>2019</b> , 14, 1139-1158	21
1538	Long QT and death in hospitalized patients with acute exacerbation of chronic obstructive pulmonary disease is not related to electrolyte disorders. <b>2019</b> , 14, 1053-1061	2

1537	Predifferentiated amniotic fluid mesenchymal stem cells enhance lung alveolar epithelium regeneration and reverse elastase-induced pulmonary emphysema. <b>2019</b> , 10, 163	9
1536	The prognostic significance of weight loss in chronic obstructive pulmonary disease-related cachexia: a prospective cohort study. <b>2019</b> , 10, 1330-1338	22
1535	Chemical modification-mediated optimisation of bronchodilatory activity of mepenzolate, a muscarinic receptor antagonist with anti-inflammatory activity. <b>2019</b> , 27, 3339-3346	0
1534	Is atopy a risk indicator of chronic obstructive pulmonary disease in dairy farmers?. <b>2019</b> , 20, 124	3
1533	Prevalence, risk factors, and management of asthma in China: a national cross-sectional study. <b>2019</b> , 394, 407-418	180
1532	A sense of belonging: A meta-ethnography of the experience of patients with chronic obstructive pulmonary disease receiving care through telemedicine. <b>2019</b> , 75, 3219-3230	9
1531	Left Atrium Dilatation and Left Ventricular Hypertrophy Predispose to Atrial Fibrillation in Patients With Community-Acquired Pneumonia. <b>2019</b> , 124, 723-728	7
1530	Sarcopenia Associated with Chronic Obstructive Pulmonary Disease. <b>2019</b> , 26, 65-74	21
1529	Discriminative Accuracy of FEV1:FVC Thresholds for COPD-Related Hospitalization and Mortality. <b>2019</b> , 321, 2438-2447	70
1528	Community determinants of COPD exacerbations in elderly patients in Poland: protocol for a retrospective Big Data observational cohort study. <b>2019</b> , 9, e030524	1
1527	High flow nasal cannula oxygen therapy versus non-invasive ventilation for chronic obstructive pulmonary disease with acute-moderate hypercapnic respiratory failure: an observational cohort study. <b>2019</b> , 14, 1229-1237	33
1526	Endotoxin-Induced Emphysema Exacerbation: A Novel Model of Chronic Obstructive Pulmonary Disease Exacerbations Causing Cardiopulmonary Impairment and Diaphragm Dysfunction. <b>2019</b> , 10, 664	8
1525	Family History-Wide Association Study to Identify Clinical and Environmental Risk Factors for Common Chronic Diseases. <b>2019</b> , 188, 1563-1568	4
1524	Triple inhaled therapy in COPD patients: determinants of prescription in primary care. <b>2019</b> , 154, 12-17	13
1523	Do Not Forget to Assess the Muscle Integrity în Patients With COPD. <b>2019</b> , 155, 1090-1091	
1522	Andrographolide antagonizes the cigarette smoke-induced epithelial-mesenchymal transition and pulmonary dysfunction through anti-inflammatory inhibiting HOTAIR. <b>2019</b> , 422, 84-94	19
1521	Improving antibacterial prescribing safety in the management of COPD exacerbations: systematic review of observational and clinical studies on potential drug interactions associated with frequently prescribed antibacterials among COPD patients. <b>2019</b> , 74, 2848-2864	4
1520	COPD: To Be or Not to Be, That is the Question. <b>2019</b> , 132, 1271-1278	4

1519	Designing and implementing an integrated non-communicable disease primary care intervention in rural Nepal. <b>2019</b> , 4, e001343	5
1518	Integer and Fractional-Order Modelling in the Early Diagnosis of the Respiratory Abnormalities Associated with Smoking and Chronic Obstructive Pulmonary Disease. <b>2019</b> , 63-68	
1517	Triple Therapy in COPD. <b>2019</b> , 15, 102-111	1
1516	Validation of the brief international classification of functioning, disability, and health core set for obstructive pulmonary disease in the Chinese context. <b>2019</b> , 16, 1479973119843648	5
1515	Benralizumab for the Prevention of COPD Exacerbations. <b>2019</b> , 381, 1023-1034	94
1514	Nasal high-flow therapy compared with non-invasive ventilation in COPD patients with chronic respiratory failure: A randomized controlled cross-over trial. <b>2019</b> , 24, 1081-1087	8
1513	Low and High Blood Eosinophil Counts as Biomarkers in Hospitalized Acute Exacerbations of COPD. <b>2019</b> , 156, 92-100	40
1512	Development and validation of nomogram estimating post-surgery hospital stay of lung cancer patients: relevance for predictive, preventive, and personalized healthcare strategies. <b>2019</b> , 10, 173-183	3
1511	Novel therapeutic targets and drug development for the precision treatment of COPD. <b>2019</b> , 4, 121-128	3
1510	Metabolomic Pattern Predicts Incident Coronary Heart Disease. <b>2019</b> , 39, 1475-1482	23
1509	Bronchoscopic lung volume reduction using an endobronchial valve to treat a huge emphysematous bullae: a case report. <b>2019</b> , 19, 92	4
1508	Lung Volume Reduction Surgery in the United States From 2007 to 2013: Increasing Volumes and Reason for Caution. <b>2019</b> , 155, 1080-1081	4
1507	Computational modeling of lung deposition of inhaled particles in chronic obstructive pulmonary disease (COPD) patients: identification of gaps in knowledge and data. <b>2019</b> , 49, 160-173	8
1506	Pulmonary Function Testing in Pediatric Pneumonia Patients With Wheezing Younger Than 3 Years of Age. <b>2019</b> , 6, 2333794X19840357	2
1505	Relationship of inhaled long-acting bronchodilators with cardiovascular outcomes among patients with stable COPD: a meta-analysis and systematic review of 43 randomized trials. <b>2019</b> , 14, 799-808	9
1504	Smoking Impairs the Immunomodulatory Capacity of Lung-Resident Mesenchymal Stem Cells in Chronic Obstructive Pulmonary Disease. <b>2019</b> , 61, 575-583	8
1503	Endobronchial valves for severe emphysema. <b>2019</b> , 28,	20
1502	Systems approach to patients with chronic obstructive pulmonary disease. Underlying mechanisms of non-pulmonary manifestations and innovations in management. <b>2019</b> , 40, A30-A36	

1501 Delivering high value therapies in COPD: the secret is in the marketing. **2019**, 53,

	Inflammation and infections in unreported chronic obstructive pulmonary disease exacerbations. <b>2019</b> , 14, 823-832	8
7 100	Risk factors associated with physical and mental distress in people who report a COPD diagnosis: latent class analysis of 2016 behavioral risk factor surveillance system data. <b>2019</b> , 14, 809-822	7
	Increased Serum Romo1 Was Correlated with Lung Function, Inflammation, and Oxidative Stress in Chronic Obstructive Pulmonary Disease. <b>2019</b> , 42, 1555-1560	4
1497	De novo lung biofabrication: clinical need, construction methods, and design strategy. <b>2019</b> , 211, 1-18	5
	Maintenance Negative Pressure Ventilation Improves Survival in COPD Patients with Exercise Desaturation. <b>2019</b> , 8,	O
1495	Disrupted resting-state spontaneous neural activity in stable COPD. <b>2019</b> , 14, 499-508	6
	A web-based physical activity intervention benefits persons with low self-efficacy in COPD: results from a randomized controlled trial. <b>2019</b> , 42, 1082-1090	16
1 102	Exacerbations of Chronic Obstructive Pulmonary Disease Tool to assess the efficacy of acute treatment. <b>2019</b> , 14, 471-478	3
1492	Lung function measurements in the prediabetes stage: data from the ILERVAS Project. <b>2019</b> , 56, 1005-1012	5
7 107	Risk of acute exacerbations in chronic obstructive pulmonary disease associated with biomass smoke compared with tobacco smoke. <b>2019</b> , 19, 68	5
1490	MicroRNAs in COPD: small molecules with big potential. <b>2019</b> , 53,	9
1489	Expressions of MMP-12, TIMP-4, and Neutrophil Elastase in PBMCs and Exhaled Breath Condensate in Patients with COPD and Their Relationships with Disease Severity and Acute Exacerbations. <b>2019</b> , 2019, 7142438	8
	Using Novel Computed Tomography Analysis to Describe the Contribution and Distribution of Emphysema and Small Airways Disease in Chronic Obstructive Pulmonary Disease. <b>2019</b> , 16, 990-997	19
	Prediction of Pulmonary Function in Patients with Chronic Obstructive Pulmonary Disease: Correlation with Quantitative CT Parameters. <b>2019</b> , 20, 683-692	11
	Risk stratification for short-term mortality at hospital admission for acute exacerbations of COPD. <b>2019</b> , 24, 765-776	7
1485	Cardiorespiratory and Muscle Oxygenation Responses to Isokinetic Exercise in Chronic Obstructive Pulmonary Disease. <b>2019</b> , 51, 841-849	3
	COPD patients' characteristics, usual care, and adherence to guidelines: the Greek UNLOCK study. <b>2019</b> , 14, 547-556	13

1483	Predicting Pulmonary Function Testing from Quantified Computed Tomography Using Machine Learning Algorithms in Patients with COPD. <b>2019</b> , 9,	11
1482	Chronic lung disease in adult recurrent tuberculosis survivors in Zimbabwe: a cohort study. <b>2019</b> , 23, 203-211	14
1481	Predictors of Response to Endobronchial Coil Therapy in Patients With Advanced Emphysema. <b>2019</b> , 155, 928-937	20
1480	Computed Tomography Imaging for Novel Therapies of Chronic Obstructive Pulmonary Disease. <b>2019</b> , 34, 202-213	9
1479	Determinants of frailty in primary care patients with COPD: the Greek UNLOCK study. <b>2019</b> , 19, 63	14
1478	Area under the forced expiratory flow-volume loop in spirometry indicates severe hyperinflation in COPD patients. <b>2019</b> , 14, 409-418	13
1477	Appearance of large scavenger receptor A-positive cells in peripheral blood: A potential risk factor for severe exacerbation of chronic obstructive pulmonary disease. <b>2019</b> , 69, 187-192	O
1476	Inflammatory endotypes in COPD. <b>2019</b> , 74, 1249-1256	59
1475	Endoscopic Lung Volume Reduction: An Expert Panel Recommendation - Update 2019. <b>2019</b> , 97, 548-557	40
1474	Qualitative identification and characterisation of self-reported symptoms arising in humans during experimental exposure to cold air. <b>2019</b> , 78, 1583528	5
1473	Pathobiological mechanisms underlying metabolic syndrome (MetS) in chronic obstructive pulmonary disease (COPD): clinical significance and therapeutic strategies. <b>2019</b> , 198, 160-188	39
1472	Sex Differences in Veterans Admitted to the Hospital for Chronic Obstructive Pulmonary Disease Exacerbation. <b>2019</b> , 16, 707-714	9
1471	[Imaging before and after endoscopic lung volume reduction]. <b>2019</b> , 59, 369-384	1
1470	European Respiratory Society International Congress 2018: highlights from Assembly 2 on respiratory intensive care. <b>2019</b> , 5,	1
1469	The Economic Effect of Early Management in Patients with Early Chronic Obstructive Pulmonary Disease: Results from a Population-Based Nationwide Survey. <b>2019</b> , 197, 303-313	3
1468	Resting hyperinflation and emphysema on the clinical course of COPD. <b>2019</b> , 9, 3764	9
1467	Is the Metronome-Paced Tachypnea Test (MPT) Ready for Clinical Use? Accuracy of the MPT in a Prospective and Clinical Study. <b>2019</b> , 97, 569-575	3
1466	Midterm Reproducibility of Chest Magnetic Resonance Imaging in Adults with Clinically Stable Cystic Fibrosis and Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and</i> Critical Care Medicine, <b>2019</b> , 200, 103-107	10

1465	Global Strategy for the Diagnosis, Management, and Prevention of Chronic Obstructive Lung Disease: the GOLD science committee report 2019. <b>2019</b> , 53,	722
1464	The Peak Index: Spirometry Metric for Airflow Obstruction Severity and Heterogeneity. <b>2019</b> , 16, 982-989	6
1463	External Validation and Recalculation of the CODEX Index in COPD Patients. A 3CIAplus Cohort Study. <b>2019</b> , 16, 8-17	4
1462	Impact of Chronic Obstructive Pulmonary Disease on Laparoscopic Hysterectomy Outcome. <b>2019</b> , 23,	1
1461	Effects of Pulmonary Rehabilitation on Gait Characteristics in Patients with COPD. 2019, 8,	8
1460	Mucociliary Clearance in Former Tobacco Smokers with Both Chronic Obstructive Pulmonary Disease and Chronic Bronchitis and the Effect of Roflumilast. <b>2019</b> , 32, 189-199	2
1459	Bronchial epithelial cell extracellular vesicles ameliorate epithelial-mesenchymal transition in COPD pathogenesis by alleviating M2 macrophage polarization. <b>2019</b> , 18, 259-271	30
1458	New frontiers in the treatment of comorbid cardiovascular disease in chronic obstructive pulmonary disease. <b>2019</b> , 133, 885-904	27
1457	A Genetic Risk Score Associated with Chronic Obstructive Pulmonary Disease Susceptibility and Lung Structure on Computed Tomography. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2019</b> , 200, 721-731	22
1456	Change in inhaled corticosteroid treatment and COPD exacerbations: an analysis of real-world data from the KOLD/KOCOSS cohorts. <b>2019</b> , 20, 62	4
1455	Pulmonary function tests in anaesthetic practice. <b>2019</b> , 19, 206-211	2
1454	Re-evaluation of combination therapy in chronic obstructive pulmonary disease (COPD). <b>2019</b> , 151, 27-34	3
1453	Mortality and vertebral fracture risk associated with long-term oral steroid use in patients with chronic obstructive pulmonary disease: A systemic review and meta-analysis. <b>2019</b> , 16, 1479973119838280	6
1452	Regenerative pharmacology for COPD: breathing new life into old lungs. <b>2019</b> , 74, 890-897	17
1451	Triple versus dual inhaler therapy in moderate-to-severe COPD: A systematic review and meta-analysis of randomized controlled trials. <b>2019</b> , 13, 413-428	12
1450	Phenotyping and outcomes of hospitalized COPD patients using rapid molecular diagnostics on sputum samples. <b>2019</b> , 14, 311-319	4
1449	Systemic Markers of Inflammation in Smokers With Symptoms Despite Preserved Spirometry in SPIROMICS. <b>2019</b> , 155, 908-917	9
1448	Reprint of: Voxel-Wise Longitudinal Parametric Response Mapping Analysis of Chest Computed Tomography in Smokers. <b>2019</b> , 26, 306-312	8

1447	Effects of Mediterranean Diet and Physical Activity on Pulmonary Function: A Cross-Sectional Analysis in the ILERVAS Project. <b>2019</b> , 11,	16
1446	Raw Bioelectrical Impedance Analysis Variables Are Independent Predictors of Early All-Cause Mortality in Patients With COPD. <b>2019</b> , 155, 1148-1157	11
1445	The association between CRP / Albumin ratio and in-stent restenosis development in patients with ST-segment elevation myocardial infarction. <b>2019</b> , 33, e22848	6
1444	Matrine reduces cigarette smoke-induced airway neutrophilic inflammation by enhancing neutrophil apoptosis. <b>2019</b> , 133, 551-564	18
1443	The Effects of Safflower Yellow on Acute Exacerbation of Chronic Obstructive Pulmonary Disease: A Randomized, Controlled Clinical Trial. <b>2019</b> , 2019, 5952742	3
1442	Assessing the clinical practice in specialized outpatient clinics for chronic obstructive pulmonary disease: Analysis of the EPOCONSUL clinical audit. <b>2019</b> , 14, e0211732	3
1441	A Randomized Trial of Dual-Acting Bronchodilator AZD8871 for Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2019</b> , 199, 1282-1284	11
1440	Liquid biopsy beyond of cancer: Circulating pulmonary cells as biomarkers of COPD aggressivity. <b>2019</b> , 136, 31-36	10
1439	Phosphodiesterases as therapeutic targets for respiratory diseases. <b>2019</b> , 197, 225-242	48
1438	Which Physicians Are Taking Care of People With COPD?. <b>2019</b> , 155, 771-777	10
1437	Oxygen desaturation during the 6-min walk test as a risk for osteoporosis in non-cystic fibrosis bronchiectasis. <b>2019</b> , 19, 28	5
1436	Genetic landscape of chronic obstructive pulmonary disease identifies heterogeneous cell-type and phenotype associations. <b>2019</b> , 51, 494-505	119
1435	Higher serum levels of systemic inflammatory markers are linked to greater inspiratory muscle dysfunction in COPD. <b>2019</b> , 13, 247-255	4
1434	Rehabilitation in chronic respiratory diseases: Live your life to the max. <b>2019</b> , 24, 828-829	2
1433	Chronic obstructive pulmonary disease severity influences outcomes after off-pump coronary artery bypass. <b>2019</b> , 157, e191-e192	1
1432	It's the lungs, not the pump: Chronic obstructive pulmonary disease severity and outcomes after off-pump coronary artery bypass grafting. <b>2019</b> , 157, e192-e193	
1431	Imbalance in the Expression of Genes Associated with Purinergic Signalling in the Lung and Systemic Arteries of COPD Patients. <b>2019</b> , 9, 2796	3
1430	Biomarkers for chronic obstructive pulmonary disease diagnosis and progression: insights, disappointments and promise. <b>2019</b> , 25, 144-149	10

1429	Impact of aging on inflammatory and immune responses during elastin peptide-induced murine emphysema. <b>2019</b> , 316, L608-L620	5
1428	Efficacy and safety of Xuebijing injection and its influence on immunomodulation in acute exacerbations of chronic obstructive pulmonary disease: study protocol for a randomized controlled trial. <b>2019</b> , 20, 136	5
1427	Sleep Disorders and Adherence to Inhalation Therapy in Patients with Chronic Obstructive Pulmonary Disease. <b>2019</b> , 1160, 43-52	2
1426	CD147 increases mucus secretion induced by cigarette smoke in COPD. <b>2019</b> , 19, 29	7
1425	Cigarette Smoke Exposure and Radiographic Pulmonary Vascular Morphology in the Framingham Heart Study. <b>2019</b> , 16, 698-706	9
1424	Adherence to the GOLD Guideline in COPD Management of South Korea: Findings from KOCOSS Study 2011-2018. <b>2019</b> , 55, 47-53	11
1423	Emphysema: looking beyond alpha-1 antitrypsin deficiency. <b>2019</b> , 13, 381-397	19
1422	Can the COPD web be used to promote self-management in patients with COPD in swedish primary care: a controlled pragmatic pilot trial with 3 month- and 12 month follow-up. <b>2019</b> , 37, 69-82	14
1421	Effects of high-flow nasal cannula and non-invasive ventilation on inspiratory effort in hypercapnic patients with chronic obstructive pulmonary disease: a preliminary study. <b>2019</b> , 9, 122	28
1420	How different are COPD-specific patient reported outcomes, health status, dyspnoea and respiratory symptoms? An observational study in a working population. <b>2019</b> , 9, e025132	4
1419	Effects of PACK guide training on the management of asthma and chronic obstructive pulmonary disease by primary care clinicians: a pragmatic cluster randomised controlled trial in Florian polis, Brazil. <b>2019</b> , 4, e001921	5
1418	Comparison between electronic and paper versions of patient-reported outcome measures in subjects with chronic obstructive pulmonary disease: an observational study with a cross-over administration. <b>2019</b> , 9, e032767	2
1417	The association of cognitive functioning as measured by the DemTect with functional and clinical characteristics of COPD: results from the COSYCONET cohort. <b>2019</b> , 20, 257	7
1416	Palliative Care Approach to Chronic Diseases: End Stages of Heart Failure, Chronic Obstructive Pulmonary Disease, Liver Failure, and Renal Failure. <b>2019</b> , 46, 415-432	7
1415	The matrikine acetyl-proline-glycine-proline and clinical features of COPD: findings from SPIROMICS. <b>2019</b> , 20, 254	4
1414	Nebulized Colistin And Continuous Cyclic Azithromycin In Severe COPD Patients With Chronic Bronchial Infection Due To: A Retrospective Cohort Study. <b>2019</b> , 14, 2365-2373	13
1413	End-product of fibrinogen is elevated in emphysematous chronic obstructive pulmonary disease and is predictive of mortality in the ECLIPSE cohort. <b>2019</b> , 160, 105814	7
1412	Extracellular vesicles in chronic obstructive pulmonary disease (COPD). <b>2019</b> , 11, S2141-S2154	24

1411	Predictive Modelling of Lung Function using Emphysematous Density Distribution. <b>2019</b> , 9, 19763	1
1410	Revefenacin: A Once-Daily, Long-Acting Bronchodilator For Nebulized Treatment Of COPD. <b>2019</b> , 14, 2947-2958	4
1409	Comprehensive Effects of Organized Education for Patients with Chronic Obstructive Pulmonary Disease. <b>2019</b> , 14, 2603-2609	5
1408	Environmental correlates of chronic obstructive pulmonary disease in 96 779 participants from the UK Biobank: a cross-sectional, observational study. <b>2019</b> , 3, e478-e490	20
1407	Prescription Status and Clinical Outcomes of Methylxanthines and Leukotriene Receptor Antagonists in Mild-to-Moderate Chronic Obstructive Pulmonary Disease. <b>2019</b> , 14, 2639-2647	2
1406	Satisfaction with chronic obstructive pulmonary disease treatment: results from a multicenter, observational study. <b>2019</b> , 13, 1753466619888128	7
1405	Household Air Pollution and Associated Health Effects in Low and Middle Income Countries. 2019,	1
1404	People With COPD Who Respond to Ground-Based Walking Training Are Characterized by Lower Pre-training Exercise Capacity and Better Lung Function and Have Greater Progression in Walking Training Distance. <b>2019</b> , 39, 338-343	3
1403	The Coming of Age of Endoscopic Lung Volume Reduction. <b>2019</b> , 26, 75-77	
1402	The Qigong Wuqinxi for chronic obstructive pulmonary disease: Protocol for a systematic review and meta-analysis. <b>2019</b> , 98, e16633	1
1401	Convergent Validity and Minimal Clinically Important Difference of the Maugeri Foundation Respiratory Failure Questionnaire (MRF-28) and the Chronic Obstructive Pulmonary Disease-Specific Health-Related Quality of Life questionnaire (VQ11). <b>2019</b> , 14, 2895-2903	4
1400	Lung Fixation under Constant Pressure for Evaluation of Emphysema in Mice. 2019,	1
1399	[The plethysmographic reference equations established for adult natives of Eastern Algeria are not applicable to natives of Northern Algeria]. <b>2019</b> , 36, 870-879	3
1398	Diaphragmatic motor cortex hyperexcitability in patients with chronic obstructive pulmonary disease. <b>2019</b> , 14, e0217886	1
1397	Repetitive Saliva Swallowing Test Predicts COPD Exacerbation. <b>2019</b> , 14, 2777-2785	8
1396	Chronic obstructive pulmonary disease. <b>2019</b> , 383-399	1
1395	Update on Clinical Aspects of COPD. <b>2019</b> , 381, 2484-2485	4
1394	Effect of Erdosteine on COPD Exacerbations in COPD Patients with Moderate Airflow Limitation. <b>2019</b> , 14, 2733-2744	13

1393	Animal models of emphysema. <b>2019</b> , 132, 2465-2475	9
1392	Long-acting muscarinic antagonist versus long-acting agonist/corticosteroid for moderate to severe chronic obstructive pulmonary disease patients: Exacerbation risk assessment. <b>2019</b> , 82, 488-494	Ο
1391	The prognostic values of neutrophil to lymphocyte ratio for outcomes in chronic obstructive pulmonary disease. <b>2019</b> , 98, e16371	14
1390	Impaired training-induced angiogenesis process with loss of pericyte-endothelium interactions is associated with an abnormal capillary remodelling in the skeletal muscle of COPD patients. <b>2019</b> , 20, 278	6
1389	Safety and efficacy of acupuncture for the treatment of chronic obstructive pulmonary disease: A systematic review protocol. <b>2019</b> , 98, e17112	5
1388	Erythromycin Prevents Elastin Peptide-Induced Emphysema and Modulates CD4T Cell Responses in Mice. <b>2019</b> , 14, 2697-2709	5
1387	Velocity Transfer Function In The Right Pulmonary Artery And Impaired Cardiopulmonary Reserve In COPD. <b>2019</b> , 14, 2753-2757	
1386	A Cross-Sectional Study Assessing Appropriateness Of Inhaled Corticosteroid Treatment In Primary And Secondary Care Patients With COPD In Sweden. <b>2019</b> , 14, 2451-2460	7
1385	Comparative Effectiveness Of Fluoroquinolone Antibiotic Use In Uncomplicated Acute Exacerbations Of COPD: A Multi-Cohort Study. <b>2019</b> , 14, 2939-2946	3
1384	Breathing Hydrogen-Oxygen Mixture Decreases Inspiratory Effort in Patients with Tracheal Stenosis. <b>2019</b> , 97, 42-51	15
1383	Corticosteroid Use and Incident Myocardial Infarction in Adults Hospitalized for Community-acquired Pneumonia. <b>2019</b> , 16, 91-98	22
1382	Omega-3 Fatty Acids and Genome-Wide Interaction Analyses Reveal DPP10-Pulmonary Function Association. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2019</b> , 199, 631-642	5
1381	Possible role of airway microvascular permeability on airway obstruction in patients with chronic obstructive pulmonary disease. <b>2019</b> , 146, 137-141	6
1380	Inhaler use and education characteristics among English and non-English speaking patients: A pilot needs assessment survey. <b>2019</b> , 102, 932-936	2
1379	Advancing Chronic Obstructive Pulmonary Disease Therapy: Opportunities, Challenges, and Excitement. <b>2019</b> , 60, 1-2	1
1378	Reasons for Repeat Rapid Response Team Calls, and Associations with In-Hospital Mortality. <b>2019</b> , 45, 268-275	3
1377	Mepolizumab for the prevention of chronic obstructive pulmonary disease exacerbations. <b>2019</b> , 13, 125-132	4
1376	Salbutamol Nebulization During Noninvasive Ventilation in Exacerbated Chronic Obstructive Pulmonary Disease Patients: A Randomized Controlled Trial. <b>2019</b> , 32, 149-155	4

1375	Chronic Obstructive Pulmonary Disease Biomarkers and Their Interpretation. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2019</b> , 199, 1195-1204	10.2	49
1374	Bone morphogenetic protein 6 (BMP-6) modulates lung function, pulmonary iron levels and cigarette smoke-induced inflammation. <b>2019</b> , 12, 340-351		8
1373	Assessment of Cognitive Impairment in Patients with Chronic Obstructive Pulmonary Disease Using the Rapid Cognitive Screen. <b>2019</b> , 23, 102-104		3
1372	The new frontiers of rehabilitation medicine in people with chronic disabling illnesses. <b>2019</b> , 61, 1-8		7
1371	The prevalence of prolonged QTc increases by GOLD stage, and is associated with worse survival among subjects with COPD. <b>2019</b> , 48, 148-154		1
1370	Cluster analysis identifying patients with COPD at high risk of 2-year all-cause mortality. <b>2019</b> , 16, 1479	97231	8 <u>ឌ</u> 09452
1369	Current Controversies in Chronic Obstructive Pulmonary Disease. A Report from the Global Initiative for Chronic Obstructive Lung Disease Scientific Committee. <b>2019</b> , 16, 29-39		8
1368	Allergic Rhinitis and its Impact on Asthma (ARIA) Phase 4 (2018): Change management in allergic rhinitis and asthma multimorbidity using mobile technology. <b>2019</b> , 143, 864-879		70
1367	Overexpression of Forkhead box C1 attenuates oxidative stress, inflammation and apoptosis in chronic obstructive pulmonary disease. <b>2019</b> , 216, 75-84		14
1366	Prediction of early mortality following stereotactic body radiotherapy for peripheral early-stage lung cancer. <b>2019</b> , 58, 237-242		6
1365	Beclomethasone dipropionate, formoterol fumarate and glycopyrronium bromide as a combination therapy for chronic obstructive pulmonary disease. <b>2019</b> , 13, 5-11		1
1364	A Comparison of Global Lung Initiative 2012 with Third National Health and Nutrition Examination Survey Spirometry Reference Values. Implications in Defining Obstruction. <b>2019</b> , 16, 225-230		6
1363	Prevalence and predictors of airflow obstruction in an HIV tertiary care clinic in Montreal, Canada: a cross-sectional study. <b>2019</b> , 20, 192-201		3
1362	Oral nutrition supplements and between-meal snacks for nutrition therapy in patients with COPD identified as at nutritional risk: a randomised feasibility trial. <b>2019</b> , 6, e000349		6
1361	Symptoms of anxiety and depression and use of anxiolytic-hypnotics and antidepressants in current and former smokers with and without COPD - A cross sectional analysis of the COPDGene cohort. <b>2019</b> , 118, 18-26		12
1360	Beyond inspiratory muscle strength: Clinical utility of single-breath work capacity assessment in veterans with COPD. <b>2019</b> , 147, 13-18		4
1359	Moxifloxacin in Chronic Obstructive Pulmonary Disease: Pharmacokinetics and Penetration into Bronchial Secretions in Ward and Intensive Care Unit Patients. <b>2019</b> , 63,		2
1358	Decreased miR-29b expression is associated with airway inflammation in chronic obstructive pulmonary disease. <b>2019</b> , 316, L621-L629		37

1357	Polymeric nanoparticles for the delivery of miRNA to treat Chronic Obstructive Pulmonary Disease (COPD). <b>2019</b> , 136, 1-8	36
1356	Iron Homeostasis in the Lungs-A Balance between Health and Disease. <b>2019</b> , 12,	30
1355	[The stepwise approach of COPD therapy]. <b>2019</b> , 144, 15-20	О
1354	The Push and Pull of Self-Managing Mild COPD: An Evaluation of Participant Experiences of a Nurse-Led Telephone Health Coaching Intervention. <b>2019</b> , 29, 658-671	4
1353	Do sputum or circulating blood samples reflect the pulmonary transcriptomic differences of COPD patients? A multi-tissue transcriptomic network META-analysis. <b>2019</b> , 20, 5	4
1352	Comparison of quantitative regional perfusion-weighted phase resolved functional lung (PREFUL) MRI with dynamic gadolinium-enhanced regional pulmonary perfusion MRI in COPD patients. <b>2019</b> , 49, 1122-1132	22
1351	High Serum Fractalkine/CX3CL1 in Patients with Chronic Obstructive Pulmonary Disease: Relationship with Emphysema Severity and Frequent Exacerbation. <b>2019</b> , 197, 29-35	8
1350	Sputum Microbiome Is Associated with 1-Year Mortality after Chronic Obstructive Pulmonary Disease Hospitalizations. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2019</b> , 199, 1205-1213 <sup>0.2</sup>	62
1349	Low-dose CT screening for lung cancer reduced lung cancer mortality in Hitachi City. <b>2019</b> , 95, 1441-1446	9
1348	Low-Dose Budesonide/Formoterol Counteracts Airway Inflammation and Improves Lung Function in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care</i> 10.2 <i>Medicine</i> , <b>2019</b> , 199, 662-664	5
1347	Hidden morbidity: The results of a collaborative community chronic obstructive pulmonary disease screening initiative. <b>2019</b> , 13, 43-49	1
1346	Holistic services for people with advanced disease and chronic breathlessness: a systematic review and meta-analysis. <b>2019</b> , 74, 270-281	61
1345	The Ratio Serum Creatinine/Serum Cystatin C (a Surrogate Marker of Muscle Mass) as a Predictor of Hospitalization in Chronic Obstructive Pulmonary Disease Outpatients. <b>2019</b> , 97, 302-309	20
1344	COPD, airflow limitation and chronic bronchitis in farmers: a systematic review and meta-analysis. <b>2019</b> , 76, 58-68	15
1343	Bronchoalveolar pH and inflammatory biomarkers in patients with acute exacerbation of chronic obstructive pulmonary disease. <b>2019</b> , 47, 791-802	5
1342	The contribution of respiratory microbiome analysis to a treatable traits model of care. <b>2019</b> , 24, 19-28	6
1341	Albuminuria, Lung Function Decline, and Risk of Incident Chronic Obstructive Pulmonary Disease. The NHLBI Pooled Cohorts Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2019</b> , 10.2	22
1340	Reply to Kardos: Extent of Overuse of Inhaled Corticosteroids in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2019</b> , 199, 249-250	

1339	Behavioural modes of adherence to inspiratory muscle training in people with chronic obstructive pulmonary disease: a grounded theory study. <b>2019</b> , 41, 1071-1078	3
1338	Pharmacological and non-pharmacological management of COPD; limitations and future prospects: a review of current literature. <b>2020</b> , 28, 357-366	7
1337	Abnormal intrinsic functional hubs and connectivity in stable patients with COPD: a resting-state MRI study. <b>2020</b> , 14, 573-585	8
1336	An improved random forests approach for interactive lobar segmentation on emphysema detection. <b>2020</b> , 5, 503-512	3
1335	Analysis of the heart rate deflection point as a tool for exercise prescription in subjects with COPD - a cross-sectional study. <b>2020</b> , 36, 1322-1328	
1334	An Individualized Prediction Model for Long-term Lung Function Trajectory and Risk of COPD in the General Population. <b>2020</b> , 157, 547-557	6
1333	Animal Models Reflecting Chronic Obstructive Pulmonary Disease and Related Respiratory Disorders: Translating Pre-Clinical Data into Clinical Relevance. <b>2020</b> , 12, 203-225	16
1332	Lipids in Chronic Obstructive Pulmonary Disease: A Target for Future Therapy?. <b>2020</b> , 62, 273-274	2
1331	The economic burden of chronic obstructive pulmonary disease (COPD) in Europe: results from a systematic review of the literature. <b>2020</b> , 21, 181-194	21
1330	Influenza Vaccine Effectiveness in Preventing Hospitalizations in Older Patients With Chronic Obstructive Pulmonary Disease. <b>2020</b> , 221, 42-52	5
1329	Increased levels of inflammatory biomarker CX3CL1 in patients with chronic obstructive pulmonary disease. <b>2020</b> , 126, 154881	3
1328	Respiratory acute discharge service: a hospital in the home programme for chronic obstructive pulmonary disease exacerbations (RADS study). <b>2020</b> , 50, 1253-1258	2
1327	Ventilatory Support and Oxygen Therapy in Elder, Palliative and End-of-Life Care Patients. 2020,	1
1326	Acute effects of photobiomodulation therapy applied to respiratory muscles of chronic obstructive pulmonary disease patients: a double-blind, randomized, placebo-controlled crossover trial. <b>2020</b> , 35, 1055-1063	8
1325	Personalized Biofeedback on Inhaler Adherence and Technique by Community Pharmacists: A´Cluster Randomized Clinical Trial. <b>2020</b> , 8, 635-644	15
1324	Lung function decline in former smokers and low-intensity current smokers: a secondary data analysis of the NHLBI Pooled Cohorts Study. <b>2020</b> , 8, 34-44	43
1323	Lung air trapping lowers respiratory arousal threshold and contributes to sleep apnea pathogenesis in COPD patients with overlap syndrome. <b>2020</b> , 271, 103315	4
1322	Cardiovascular Engineering. <b>2020</b> ,	O

1321	Long-term dietary fiber intake and risk of chronic obstructive pulmonary disease: a prospective cohort study of women. <b>2020</b> , 59, 1869-1879	23
1320	Does occupational air pollution threaten the lung health of indoor workers more than those of bus drivers?: a cross-sectional study. <b>2020</b> , 23, 934-940	1
1319	Lung function and paper dust exposure among workers in a soft tissue paper mill. <b>2020</b> , 93, 105-110	8
1318	Current and future direct healthcare cost burden of chronic obstructive pulmonary disease in Alberta, Canada. <b>2020</b> , 4, 39-47	1
1317	Severity of chronic obstructive pulmonary disease with 'exacerbator with emphysema phenotype' is associated with potential biomarkers. <b>2020</b> , 96, 28-32	1
1316	Chronic Obstructive Pulmonary Disease and Heart Failure: A Breathless Conspiracy. <b>2020</b> , 16, 33-44	10
1315	The Effects of Rare Variants on Lung Function and Emphysema in SPIROMICS. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2020</b> , 201, 540-554	17
1314	The protective effects of thymoquinone on lung damage caused by cigarette smoke. <b>2020</b> , 95, 268-275	8
1313	Cigarette smoke exposure alters phosphodiesterases in human structural lung cells. <b>2020</b> , 318, L59-L64	7
1312	Effects of Home-Based Breathing Exercises in Subjects With COPD. <b>2020</b> , 65, 377-387	12
1312	Effects of Home-Based Breathing Exercises in Subjects With COPD. <b>2020</b> , 65, 377-387  Abnormal Activity of Neck Inspiratory Muscles during Sleep as a Prognostic Indicator in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2020</b> , 201, 414-422	12 7
	Abnormal Activity of Neck Inspiratory Muscles during Sleep as a Prognostic Indicator in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2020</b> ,	_
1311	Abnormal Activity of Neck Inspiratory Muscles during Sleep as a Prognostic Indicator in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2020</b> , 201, 414-422  Bone mineral density in emphysema and chronic bronchitis phenotypes in hospitalized male chronic	7
1311	Abnormal Activity of Neck Inspiratory Muscles during Sleep as a Prognostic Indicator in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2020</b> , 201, 414-422  Bone mineral density in emphysema and chronic bronchitis phenotypes in hospitalized male chronic obstructive pulmonary disease patients. <b>2020</b> , 14, 47-53  COPD Care Bundle in Emergency Department Observation Unit Reduces Emergency Department	7
1311 1310 1309	Abnormal Activity of Neck Inspiratory Muscles during Sleep as a Prognostic Indicator in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2020</b> , 201, 414-422  Bone mineral density in emphysema and chronic bronchitis phenotypes in hospitalized male chronic obstructive pulmonary disease patients. <b>2020</b> , 14, 47-53  COPD Care Bundle in Emergency Department Observation Unit Reduces Emergency Department Revisits. <b>2020</b> , 65, 1-10  A systematic review with meta-analysis of gastroesophageal reflux disease and exacerbations of	7 4 9
1311 1310 1309	Abnormal Activity of Neck Inspiratory Muscles during Sleep as a Prognostic Indicator in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 414-422  Bone mineral density in emphysema and chronic bronchitis phenotypes in hospitalized male chronic obstructive pulmonary disease patients. 2020, 14, 47-53  COPD Care Bundle in Emergency Department Observation Unit Reduces Emergency Department Revisits. 2020, 65, 1-10  A systematic review with meta-analysis of gastroesophageal reflux disease and exacerbations of chronic obstructive pulmonary disease. 2020, 20, 2	7 4 9
1311 1310 1309 1308	Abnormal Activity of Neck Inspiratory Muscles during Sleep as a Prognostic Indicator in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 414-422  Bone mineral density in emphysema and chronic bronchitis phenotypes in hospitalized male chronic obstructive pulmonary disease patients. 2020, 14, 47-53  COPD Care Bundle in Emergency Department Observation Unit Reduces Emergency Department Revisits. 2020, 65, 1-10  A systematic review with meta-analysis of gastroesophageal reflux disease and exacerbations of chronic obstructive pulmonary disease. 2020, 20, 2  Machine learning based assessment of auditory threshold perception in human beings. 2020, 2, 1  Determinants of Sedentary Behaviour in Individuals with COPD: A Qualitative Exploration Guided	7 4 9 11

1303	Sputum and salivary protein biomarkers and point-of-care biosensors for the management of COPD. <b>2020</b> , 145, 1583-1604	18
1302	The effects of pulmonary rehabilitation on endothelial function and arterial stiffness in patients with chronic obstructive pulmonary disease. <b>2020</b> , 25, e1820	4
1301	Effectiveness of cognitive behavioural therapy for chronic obstructive pulmonary disease patients: A systematic review and meta-analysis. <b>2020</b> , 38, 101071	14
1300	Identification and Assessment of Breathlessness in Clinical Practice: A Systematic Review and Narrative Synthesis. <b>2020</b> , 59, 724-733.e19	7
1299	Characteristics of tobacco-related lung diseases in Fukuoka Prefecture, Japan: A prospective, multi-institutional, observational study. <b>2020</b> , 58, 74-80	1
1298	The role of presepsin in the diagnosis of chronic obstructive pulmonary disease acute exacerbation with pneumonia. <b>2020</b> , 14, 31-41	3
1297	POINT: Can Screening for COPD Improve Outcomes? Yes. <b>2020</b> , 157, 7-9	7
1296	Respiratory Symptoms and Lung Function among Ethiopian Women in Relation to Household Fuel Use. <b>2019</b> , 17,	8
1295	Intraoperative Anesthetic Management of Patients with Chronic Obstructive Pulmonary Disease to Decrease the Risk of Postoperative Pulmonary Complications after Abdominal Surgery. <b>2020</b> , 9,	3
1294	Allyl isothiocyanate upregulates MRP1 expression through Notch1 signaling in human bronchial epithelial cells. <b>2020</b> , 98, 324-331	2
1293	Acute severe radiation pneumonitis among non-small cell lung cancer (NSCLC) patients with moderate pulmonary dysfunction receiving definitive concurrent chemoradiotherapy: Impact of pre-treatment pulmonary function parameters. <b>2020</b> , 196, 505-514	7
1292	Comparison of machine learning algorithms for the identification of acute exacerbations in chronic obstructive pulmonary disease. <b>2020</b> , 188, 105267	15
1291	Association Between Dietary Nutrient Intake and Chronic Obstructive Pulmonary Disease Severity: A Nationwide Population-Based Representative Sample. <b>2020</b> , 17, 49-58	3
1290	The potential of lipid-polymer nanoparticles as epigenetic and ROS control approaches for COPD. <b>2020</b> , 54, 829-840	8
1289	To "Fe"ed or Not to "Fe"ed: Iron Depletion Exacerbates Emphysema Development in Murine Smoke Model. <b>2020</b> , 62, 541-542	1
1288	High-sensitivity troponin I and all-cause mortality in patients with stable COPD: an analysis of the COSYCONET study. <b>2020</b> , 55,	12
1287	Revefenacin for the treatment of chronic obstructive pulmonary disease. <b>2020</b> , 14, 239-247	
1286	Use of Electronic Cigarettes and Self-Reported Chronic Obstructive Pulmonary Disease Diagnosis in Adults. <b>2020</b> , 22, 1155-1161	22

1285 Risk factors of chronic obstructive pulmonary disease exacerbations. <b>2020</b> , 14, 183-197	20
Effect of lung function on the apnea-hypopnea index in patients with overlap syndrome: a multicenter cross-sectional study. <b>2020</b> , 24, 1059-1066	5
1283 Cardiovascular Risk in COPD: Deciphering the Contribution of Tobacco Smoking. <b>2020</b> , 157, 8	3 <b>34-845</b> 5
$_{ m 1282}$ Obstructive lung diseases and risk of rheumatoid arthritis. <b>2020</b> , 16, 37-50	9
The effect of a nurse-led self-management program on outcomes of patients with chronic obstructive pulmonary disease. <b>2020</b> , 14, 148-157	13
Effects of Pulmonary Hypertension on Exercise Capacity in Patients With Chronic Obstructive Pulmonary Disease. <b>2020</b> , 56, 499-505	e 2
Factors influencing decline in quality of life in smokers without airflow obstruction: The COP study. <b>2020</b> , 161, 105820	DGene 3
Integrative characterization of fine particulate matter-induced chronic obstructive pulmonar disease in mice. <b>2020</b> , 706, 135687	y 10
1277 Home economics for COPD care. <b>2020</b> , 25, 124-125	1
Relationship of pulmonary function with myocardial microdamage and oxidative stress in the Japanese population without a history of cardiopulmonary disease. <b>2020</b> , 99, e21945	· 1
Pathological Airway Segmentation with Cascaded Neural Networks for Bronchoscopic Naviga <b>2020</b> ,	ation.
Neighborhood greenness associated with chronic obstructive pulmonary disease: A nationwi cross-sectional study in China. <b>2020</b> , 144, 106042	de <sub>14</sub>
Effect of different form of upper limb muscles training on dyspnea in chronic obstructive pulmonary disease: A study protocol. <b>2020</b> , 99, e22131	
1272 Chronic Obstructive Pulmonary Disease Pathogenesis. <b>2020</b> , 41, 307-314	2
Benefits and Risks of Inhaled Corticosteroid Treatment in Patients with Chronic Obstructive Pulmonary Disease Classified by Blood Eosinophil Counts. <b>2020</b> , 198, 925-931	0
Diaphragm dysfunction detected with ultrasound to predict noninvasive mechanical ventilation failure: A prospective cohort study. <b>2021</b> , 45, 202-207	ion 1
Relationship between clinical and radiological signs of bronchiectasis in COPD patients: Resu from COSYCONET. <b>2020</b> , 172, 106117	llts 2
Clinical Courses and Outcomes of Patients with Chronic Obstructive Pulmonary Disease Duric COVID-19 Epidemic in Hubei, China. <b>2020</b> , 15, 2237-2248	ng the

1267	Risk Factors for Acute Exacerbation of Chronic Obstructive Pulmonary Disease in Industrial Regions of China: A Multicenter Cross-Sectional Study. <b>2020</b> , 15, 2249-2256	2
1266	Mortality and its predictors among patients treated for acute exacerbations of chronic obstructive respiratory diseases in Jimma Medical Center; Jimma, Ethiopia: Prospective observational study. <b>2020</b> , 15, e0239055	1
1265	Risk of active tuberculosis among COPD patients treated with fixed combinations of long-acting beta2 agonists and inhaled corticosteroids. <b>2020</b> , 20, 706	4
1264	Randomized controlled trial of community-based, post-rehabilitation exercise in COPD. <b>2020</b> , 174, 106195	2
1263	Effects of Pulmonary Hypertension on Exercise Capacity in Patients With Chronic Obstructive Pulmonary Disease. <b>2020</b> , 56, 499-505	2
1262	Assessing Symptom Burden. <b>2020</b> , 41, 367-373	2
1261	Is group C really needed as a separate group from D in COPD? A single-center cross-sectional study. <b>2020</b> ,	
1260	Canonical WNT pathway is activated in the airway epithelium in chronic obstructive pulmonary disease. <b>2020</b> , 61, 103034	17
1259	The Value of FENO Measurement for Predicting Treatment Response in Patients with Acute Exacerbation of Chronic Obstructive Pulmonary Disease. <b>2020</b> , 15, 2257-2266	3
1258	Theoretical feasibility of dual-energy radiography for structural and functional imaging of chronic obstructive pulmonary disease. <b>2020</b> , 47, 6191-6206	O
1257	Reduccifi broncoscipica del volumen pulmonar mediante una vivula endobronquial para tratar una bulla enfisematosa extensa: reporte de un caso. <b>2020</b> , 2, 28-31	
1256	LncRNA RP11-86H7.1 promotes airway inflammation induced by TRAPM2.5 by acting as a ceRNA of miRNA-9-5p to regulate NFKB1 in HBECS. <b>2020</b> , 10, 11587	11
1255	A case scenario study on adherence to COPD GOLD recommendations by general practitioners in a rural area of southern Italy: The "progetto PADRE". <b>2020</b> , 170, 105985	4
1254	Assessment of comorbidities and prognosis in patients with COPD diagnosed with the fixed ratio and the lower limit of normal: a systematic review and meta-analysis. <b>2020</b> , 21, 189	2
1253	Association of Neutrophil to Lymphocyte Ratio With Pulmonary Function in a 30-Year Longitudinal Study of US Veterans. <b>2020</b> , 3, e2010350	9
1252	Fecal microbial transplantation and a high fiber diet attenuates emphysema development by suppressing inflammation and apoptosis. <b>2020</b> , 52, 1128-1139	15
1251	Chronic Lung Diseases. <b>2020</b> ,	0
1250	Increased airway iron parameters and risk for exacerbation in COPD: an analysis from SPIROMICS. <b>2020</b> , 10, 10562	10

1249	Associations of oxygenated hemoglobin with disease burden and prognosis in stable COPD: Results from COSYCONET. <b>2020</b> , 10, 10544	2
1248	Witnessed sleep apneas together with elevated plasma glucose are predictors of COPD exacerbations. <b>2020</b> , 7, 1765543	Ο
1247	Association Between Serum S100A8/S100A9 Heterodimer and Pulmonary Function in Patients with Acute Exacerbation of Chronic Obstructive Pulmonary Disease. <b>2020</b> , 198, 645-652	11
1246	Qualitative and quantitative assessment of pendelluft: a simple method based on electrical impedance tomography. <b>2020</b> , 8, 1216	9
1245	A Systematic Review on Traditional Uses, Sources, Phytochemistry, Pharmacology, Pharmacokinetics, and Toxicity of Fritillariae Cirrhosae Bulbus. <b>2020</b> , 2020, 1536534	2
1244	Frustrated Caring: Family Members' Experience of Motivating COPD Patients Towards Self-Management. <b>2020</b> , 15, 2953-2965	1
1243	Effect of nocturnal EPAP titration to abolish tidal expiratory flow limitation in COPD patients with chronic hypercapnia: a randomized, cross-over pilot study. <b>2020</b> , 21, 301	4
1242	A snapshot of chronic obstructive pulmonary disease management in general practice in Ireland. <b>2021</b> , 190, 1055-1061	1
1241	High-Flow Nasal Cannula for Chronic Obstructive Pulmonary Disease with Acute Compensated Hypercapnic Respiratory Failure: A Randomized, Controlled Trial. <b>2020</b> , 15, 3051-3061	4
1240	Smoking characteristics and lung functions among university athletes. <b>2020</b> , 10, 20118	O
1240	Smoking characteristics and lung functions among university athletes. <b>2020</b> , 10, 20118  Clinical features of Japanese patients with exacerbations of chronic obstructive pulmonary disease. <b>2020</b> , 20, 318	4
<u> </u>	Clinical features of Japanese patients with exacerbations of chronic obstructive pulmonary disease.	
1239	Clinical features of Japanese patients with exacerbations of chronic obstructive pulmonary disease. <b>2020</b> , 20, 318  Groping around in the dark for adequate COPD management: a qualitative study on experiences in	4
1239	Clinical features of Japanese patients with exacerbations of chronic obstructive pulmonary disease. <b>2020</b> , 20, 318  Groping around in the dark for adequate COPD management: a qualitative study on experiences in long-term care. <b>2020</b> , 20, 1025  The Distribution of Alpha-1 Antitrypsin Genotypes Between Patients with COPD/Emphysema,	2
1239 1238 1237	Clinical features of Japanese patients with exacerbations of chronic obstructive pulmonary disease. <b>2020</b> , 20, 318  Groping around in the dark for adequate COPD management: a qualitative study on experiences in long-term care. <b>2020</b> , 20, 1025  The Distribution of Alpha-1 Antitrypsin Genotypes Between Patients with COPD/Emphysema, Asthma and Bronchiectasis. <b>2020</b> , 15, 2827-2836  Influence of the CYP2J2 Gene Polymorphisms on Chronic Obstructive Pulmonary Disease Risk in	2 8
1239 1238 1237	Clinical features of Japanese patients with exacerbations of chronic obstructive pulmonary disease. 2020, 20, 318  Groping around in the dark for adequate COPD management: a qualitative study on experiences in long-term care. 2020, 20, 1025  The Distribution of Alpha-1 Antitrypsin Genotypes Between Patients with COPD/Emphysema, Asthma and Bronchiectasis. 2020, 15, 2827-2836  Influence of the CYP2J2 Gene Polymorphisms on Chronic Obstructive Pulmonary Disease Risk in the Chinese Han Population. 2020, 56, 697-703  Chronic obstructive pulmonary disease prevalence and prediction in a high-risk lung cancer	4 2 8
1239 1238 1237 1236	Clinical features of Japanese patients with exacerbations of chronic obstructive pulmonary disease. 2020, 20, 318  Groping around in the dark for adequate COPD management: a qualitative study on experiences in long-term care. 2020, 20, 1025  The Distribution of Alpha-1 Antitrypsin Genotypes Between Patients with COPD/Emphysema, Asthma and Bronchiectasis. 2020, 15, 2827-2836  Influence of the CYP2J2 Gene Polymorphisms on Chronic Obstructive Pulmonary Disease Risk in the Chinese Han Population. 2020, 56, 697-703  Chronic obstructive pulmonary disease prevalence and prediction in a high-risk lung cancer screening population. 2020, 20, 300  Barriers and Strategies for Improving Medication Adherence Among People Living With COPD: A	4 2 8 1

1231	Sonic hedgehog signalling as a potential endobronchial biomarker in COPD. <b>2020</b> , 21, 207	4
1230	High-flow nasal cannula oxygen therapy versus non-invasive ventilation for chronic obstructive pulmonary disease patients after extubation: a multicenter, randomized controlled trial. <b>2020</b> , 24, 489	17
1229	Thoracic Imaging at Exacerbation of Chronic Obstructive Pulmonary Disease: A Systematic Review. <b>2020</b> , 15, 1751-1787	3
1228	In Patients with Mild-to-Moderate COPD, Tobacco Smoking, and Not COPD, Is Associated with a Higher Risk of Cardiovascular Comorbidity. <b>2020</b> , 15, 1545-1555	6
1227	The effectiveness of combined lower limb strengthening and whole-body vibration, compared to strengthening alone, for improving patient-centred outcomes in adults with COPD: A systematic review. <b>2020</b> , 76, 1412	1
1226	Towards Passive Assessment of Pulmonary Function from Natural Speech Recorded Using a Mobile Phone. <b>2020</b> ,	9
1225	Correlation between serum IL-32 concentration and clinical parameters of stable COPD: a retrospective clinical analysis. <b>2020</b> , 10, 12092	1
1224	The clinical efficacy of AG NPP709 (Synatura) in patients with chronic bronchitis type stable chronic obstructive pulmonary disease. <b>2020</b> , 12, 2435-2442	1
1223	Chronic obstructive pulmonary disease and related phenotypes: polygenic risk scores in population-based and case-control cohorts. <b>2020</b> , 8, 696-708	29
1222	Enhancing Patient Engagement in Pulmonary Healthcare. <b>2020</b> ,	O
		J
1221	Noninvasive Ventilation and High-Flow Nasal Therapy Administration in Chronic Obstructive Pulmonary Disease Exacerbations. <b>2020</b> , 41, 786-797	0
1221		
	Pulmonary Disease Exacerbations. <b>2020</b> , 41, 786-797  The Gly82Ser mutation in AGER contributes to pathogenesis of pulmonary fibrosis in combined	0
1220	Pulmonary Disease Exacerbations. 2020, 41, 786-797  The Gly82Ser mutation in AGER contributes to pathogenesis of pulmonary fibrosis in combined pulmonary fibrosis and emphysema (CPFE) in Japanese patients. 2020, 10, 12811  The effect of CYP3A4 genetic variants on the susceptibility to chronic obstructive pulmonary	o 5
1220 1219	Pulmonary Disease Exacerbations. 2020, 41, 786-797  The Gly82Ser mutation in AGER contributes to pathogenesis of pulmonary fibrosis in combined pulmonary fibrosis and emphysema (CPFE) in Japanese patients. 2020, 10, 12811  The effect of CYP3A4 genetic variants on the susceptibility to chronic obstructive pulmonary disease in the Hainan Han population. 2020, 112, 4399-4405  Chemical Constituents from Physalis Calyx seu Fructus and Their Inhibitory Effects against	o 5 2
1220 1219 1218	Pulmonary Disease Exacerbations. 2020, 41, 786-797  The Gly82Ser mutation in AGER contributes to pathogenesis of pulmonary fibrosis in combined pulmonary fibrosis and emphysema (CPFE) in Japanese patients. 2020, 10, 12811  The effect of CYP3A4 genetic variants on the susceptibility to chronic obstructive pulmonary disease in the Hainan Han population. 2020, 112, 4399-4405  Chemical Constituents from Physalis Calyx seu Fructus and Their Inhibitory Effects against Oxidative Stress and Inflammatory Response. 2020, 86, 1191-1203  Exploring the Association Between Emphysema Phenotypes and Low Bone Mineral Density in	o 5 2 2
1220 1219 1218 1217	Pulmonary Disease Exacerbations. 2020, 41, 786-797  The Gly82Ser mutation in AGER contributes to pathogenesis of pulmonary fibrosis in combined pulmonary fibrosis and emphysema (CPFE) in Japanese patients. 2020, 10, 12811  The effect of CYP3A4 genetic variants on the susceptibility to chronic obstructive pulmonary disease in the Hainan Han population. 2020, 112, 4399-4405  Chemical Constituents from Physalis Calyx seu Fructus and Their Inhibitory Effects against Oxidative Stress and Inflammatory Response. 2020, 86, 1191-1203  Exploring the Association Between Emphysema Phenotypes and Low Bone Mineral Density in Smokers with and without COPD. 2020, 15, 1823-1829  Longitudinal associations between sleep disturbance and disease severity in patients with COPD.	o 5 2 2 0

## (2020-2020)

Predictive Value of Red Blood Cell Distribution Width in Chronic Obstructive Pulmonary Disease Patients with Pulmonary Embolism. <b>2020</b> , 2020, 1935742	4
Chronic airflow limitation and its relation to respiratory symptoms among ever-smokers and never-smokers: a cross-sectional study. <b>2020</b> , 7,	3
Phase Angle Evaluation of Lung Disease Patients and Its Relationship with Nutritional and Functional Parameters. <b>2021</b> , 40, 529-534	2
Use of oscillatory positive expiratory pressure (OPEP) devices to augment sputum clearance in COPD: a systematic review and meta-analysis. <b>2020</b> , 75, 855-863	6
Ambient air particulate matter (PM) satellite monitoring and respiratory health effects assessment. <b>2020</b> , 18, 1247-1258	1
Combined in Vitro-in Silico Approach to Predict Deposition and Pharmacokinetics of Budesonide Dry Powder Inhalers. <b>2020</b> , 37, 209	2
Higher Blood Vascular Cell Adhesion Molecule-1 is Related to the Increased Risk of Cardiovascular Events in Chronic Obstructive Pulmonary Disease. <b>2020</b> , 15, 2289-2295	1
Two dimensional proteomic analysis of serum shows immunological proteins exclusively expressed in sulfur mustard exposed patients with long term pulmonary complications. <b>2020</b> , 88, 106857	1
Change of Serum Inflammatory Cytokines Levels in Patients With Chronic Obstructive Pulmonary Disease, Pneumonia and Lung Cancer. <b>2020</b> , 19, 1533033820951807	6
Influence of cigarette smoking on biventricular systolic function independent of respiratory function: a cross-sectional study. <b>2020</b> , 20, 451	O
Targeted multimodality inhaler technique education pilot to self-identify errors for primarily Mandarin-speaking subjects. <b>2021</b> , 58, 1623-1629	1
Disease-associated acrolein: A possible diagnostic and therapeutic substrate for in vivo synthetic chemistry. <b>2020</b> , 28, 115831	5
Person-centred care by a combined digital platform and structured telephone support for people with chronic obstructive pulmonary disease and/or chronic heart failure: study protocol for the PROTECT randomised controlled trial. <b>2020</b> , 10, e036356	7
Intrinsic low-frequency oscillation changes in multiple-frequency bands in stable patients with chronic obstructive pulmonary disease. <b>2021</b> , 15, 1922-1933	5
Loki zupa alleviates inflammatory and fibrotic responses in cigarette smoke induced rat model of chronic obstructive pulmonary disease. <b>2020</b> , 15, 92	4
The Association Between Eosinophil Variability Patterns and the Efficacy of Inhaled Corticosteroids in Stable COPD Patients. <b>2020</b> , 15, 2061-2070	4
Challenges and opportunities for telehealth in the management of chronic obstructive pulmonary disease: a qualitative case study in Greece. <b>2020</b> , 20, 216	2
Identification of lipid biomarker from serum in patients with chronic obstructive pulmonary disease. <b>2020</b> , 21, 242	9

1195	Evaluation of the Vibe Actigraph in Patients With Chronic Obstructive Pulmonary Disease: A Pilot Study. <b>2020</b> , 8, 2700708	1
1194	Influence of acquisition settings and radiation exposure on CT lung densitometry-An anthropomorphic ex vivo phantom study. <b>2020</b> , 15, e0237434	1
1193	Pulmonologists Adherence to the Chronic Obstructive Pulmonary Disease GOLD Guidelines: A Goal to Improve. <b>2020</b> , 56,	3
1192	Fortified whey beverage for improving muscle mass in chronic obstructive pulmonary disease: a single-blind, randomized clinical trial. <b>2020</b> , 21, 216	4
1191	Understanding resource utilization and mortality in COPD to support policy making: A´microsimulation study. <b>2020</b> , 15, e0236559	
1190	No Influence on Cardiac Arrhythmia or Heart Rate from Long-Term Treatment with Tiotropium/Olodaterol versus Monocomponents by Holter ECG Analysis in Patients with Moderate-to-Very-Severe COPD. <b>2020</b> , 15, 1945-1953	2
1189	The Relationship Between Morning Symptoms and the Risk of Future Exacerbations in COPD. <b>2020</b> , 15, 1899-1907	1
1188	Correlation of Arterial CO and Respiratory Impedance Values among Subjects with COPD. <b>2020</b> , 9,	1
1187	The predictive value of neutrophil-to-lymphocyte ratio for chronic obstructive pulmonary disease: a systematic review and meta-analysis. <b>2020</b> , 14, 929-936	2
1186	Remote Patient Monitoring for the Detection of COPD Exacerbations. <b>2020</b> , 15, 2005-2013	3
1185	Simulation of nanoparticle transport and adsorption in a microfluidic lung-on-a-chip device. <b>2020</b> , 14, 044117	6
1184	Breathing-Swallowing Discoordination and Inefficiency of an Airway Protective Mechanism Puts Patients at Risk of COPD Exacerbation. <b>2020</b> , 15, 1689-1696	3
1183	Test-Retest Reliability of Handgrip Strength in Patients with Chronic Obstructive Pulmonary Disease. <b>2020</b> , 17, 568-574	7
1182	Comparison of five major airflow limitation criteria to identify high-risk individuals with COPD: a contemporary population-based cohort. <b>2020</b> , 75, 944-954	8
1181	Early home-based pulmonary rehabilitation following acute exacerbation of COPD: A feasibility study using an action research approach. <b>2020</b> , 17, 1479973120949207	O
1180	Promoting Community Pharmacy Practice for Chronic Obstructive Pulmonary Disease (COPD) Management: A Systematic Review and Logic Model. <b>2020</b> , 15, 1863-1875	O
1179	High flow nasal therapy versus noninvasive ventilation as initial ventilatory strategy in COPD exacerbation: a multicenter non-inferiority randomized trial. <b>2020</b> , 24, 692	24
1178	A Simplified Algorithm for the Diagnosis, Treatment, and Management of COPD in Routine Primary Care Practice. <b>2020</b> , 15, 3347-3355	

## (2020-2020)

	conomic Consequences of Inhaled Corticosteroid Doses and Particle Size in Triple erapy for COPD: Real-Life Study. <b>2020</b> , 15, 3291-3302	1
	nd Risk Factors for COPD at High Altitude: A Large Cross-Sectional Survey of Subjects en 2,100-4,700 m Above Sea Level. <b>2020</b> , 7, 581763	5
1175 Airway regula	story T cells are decreased in COPD with a rapid decline in lung function. <b>2020</b> , 21, 330	2
	hip of Lymphocyte to High-Density Lipoprotein Ratio with Pulmonary Function in 15, 3159-3169	3
	nalysis Reveals Common and Unique Roles of Tetraspanins in Fibrosis and <b>2020</b> , 11, 585998	1
	Homeostasis and Inflammation Gone Awry: From Molecular Pathogenesis to erapeutics in Respiratory Pathology. <b>2020</b> , 21,	9
Predictors of <b>2020</b> , 7,	postoperative acute exacerbation of interstitial lung disease: a case-control study.	1
	cerious for pericytes: implications during training-induced angiogenesis in skeletal . 319, H1142-H1151	3
1169 Defining Chro	onic Mucus Hypersecretion Using the CAT in the SPIROMICS Cohort. <b>2020</b> , 15, 2467-2476	3
	g Support Vector Machines Recursive Feature Elimination (SVM-RFE) Algorithm to her COPD Patients Have Been Continuously Managed According to GOLD Guidelines. 9-2786	7
	Needs in COPD After an Educational Programme: Influence in Exacerbations and <b>020</b> , 15, 2663-2671	O
	y Mass Index on Lung Function in Chinese Patients with Chronic Obstructive sease: A Multicenter Cross-Sectional Study. <b>2020</b> , 15, 2477-2486	Ο
	sters in Patients with Chronic Obstructive Pulmonary Disease (COPD): A Two-Center il. <b>2020</b> , 15, 2847-2856	О
	ng volume reduction surgery results with video-assisted thoracoscopic surgery in ous lung patients. <b>2020</b> , 17, 127-131	
	he CYP2J2 Gene Polymorphisms on Chronic Obstructive Pulmonary Disease Risk in Ian Population. <b>2020</b> , 56, 697-703	
1162 Inhibition of L	T <b>R</b> signalling activates WNT-induced regeneration in lung. <b>2020</b> , 588, 151-156	26
	hip between body mass index and health-related quality of life in COPD: real-world ed on claims and survey data. <b>2020</b> , 21, 291	2
1160 Kinase inhibit	ors in the treatment of obstructive pulmonary diseases. <b>2020</b> , 51, 11-18	8

1159	Environmental fungal sensitisation associates with poorer clinical outcomes in COPD. <b>2020</b> , 56,	25
1158	Assessment of Induced Sputum Cellularity in COPD Patients Belonging to Two Different Classes of Air Pollution Exposure. <b>2020</b> , 56, 214-217	
1157	An Evaluation of Service Provision and Novel Strength Assessment on Patient Outcomes in a UK-Based Pulmonary Rehabilitation Setting. <b>2020</b> , 17, 280-288	
1156	Jianpiyifei II Granules Suppress Apoptosis of Bronchial Epithelial Cells in Chronic Obstructive Pulmonary Disease Inhibition of the Reactive Oxygen Species-Endoplasmic Reticulum Stress-Ca Signaling Pathway. <b>2020</b> , 11, 581	5
1155	C-reactive protein-guided antibiotic prescribing for COPD exacerbations: a qualitative evaluation. <b>2020</b> , 70, e505-e513	2
1154	Validation of a sensitive and specific LC-MS/MS method and application to evaluate the systemic exposure and bioavailability of glycopyrrolate via different drug delivery approaches/devices. <b>2020</b> , 34, e4899	1
1153	Acupuncture techniques for COPD: a systematic review. <b>2020</b> , 20, 138	5
1152	Oral nitrate supplementation to enhance pulmonary rehabilitation in COPD: ON-EPIC a multicentre, double-blind, placebo-controlled, randomised parallel group study. <b>2020</b> , 75, 547-555	7
1151	Racial Disparities: Another Important Barrier to Pulmonary Rehabilitation Participation in Patients With COPD Posthospitalization. <b>2020</b> , 157, 1070-1072	5
1150	The Origins of Chronic Obstructive Pulmonary Disease: Sometimes the Journey Matters More than the Destination. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2020</b> , 202, 159-161	3
1149	Epithelial-mesenchymal crosstalk in COPD: An update from in vitro model studies. <b>2020</b> , 125, 105775	7
1148	Defining Airflow Obstruction: More Data, Further Clarity. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2020</b> , 202, 649-650	1
1147	Airway Remodeling in Ferrets with Cigarette Smoke Induced COPD using μCT Imaging. <b>2020</b> ,	3
1146	Update in Chronic Obstructive Pulmonary Disease 2019. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2020</b> , 202, 348-355	10
1145	Whole transcriptome analyis of human lung tissue to identify COPD-associated genes. <b>2020</b> , 112, 3135-3141	2
1144	Effects of a Rehabilitation Programme with a Nasal Inspiratory Restriction Device on Exercise Capacity and Quality of Life in COPD. <b>2020</b> , 17,	4
1143	Association of serum ferritin and lung function in tobacco-nalle postmenopausal women: Analysis of population-based nationally representative data. <b>2020</b> , 14, 908-917	0
1142	Prognostic indicators for in-hospital mortality in COPD with acute exacerbation in Thailand: a retrospective cohort study. <b>2020</b> , 7,	5

1141	Looking at the COPD spectrum through "PRISm". <b>2020</b> , 55,	7
1140	Association of Dysanapsis With Chronic Obstructive Pulmonary Disease Among Older Adults. <b>2020</b> , 323, 2268-2280	34
1139	Evaluation of Droplet Digital Polymerase Chain Reaction (ddPCR) for the Absolute Quantification of species in the Human Airway. <b>2020</b> , 21,	12
1138	Risk factors for all-cause hospital readmission following exacerbation of COPD: a systematic review and meta-analysis. <b>2020</b> , 29,	37
1137	Clinical characteristics and organ system involvement in sarcoidosis: comparison of the University of Minnesota Cohort with other cohorts. <b>2020</b> , 20, 155	9
1136	Feikang granules ameliorate pulmonary inflammation in the rat model of chronic obstructive pulmonary disease via TLR2/4-mediated NF-B pathway. <b>2020</b> , 20, 170	2
1135	Power Outage: An Ignored Risk Factor for COPD Exacerbations. <b>2020</b> , 158, 2346-2357	7
1134	Human rhinovirus infection and COPD: role in exacerbations and potential for therapeutic targets. <b>2020</b> , 14, 777-789	3
1133	Effects of compound Caoshi silkworm granules on stable COPD patients and their relationship with gut microbiota: A randomized controlled trial. <b>2020</b> , 99, e20511	5
1132	Aspiration Pneumonia. <b>2020</b> ,	1
1131	Protective Effects of Obstructive Sleep Apnea on Outcomes After Subarachnoid Hemorrhage: A Nationwide Analysis. <b>2020</b> , 87, 1008-1015	12
1130	Enhanced risk of traumatic brain injury in patients with chronic obstructive pulmonary disease. <b>2020</b> , 68, 846-855	O
1129	Evaluation of a Novel Ear Pulse Oximeter: Towards Automated Oxygen Titration in Eyeglass Frames. <b>2020</b> , 20,	1
1128	Estimating mortality among inpatients with acute exacerbation of chronic obstructive pulmonary disease using registry data. <b>2020</b> , 30, 28	9
1127	Blood Eosinophilia and Its Stability in Hospitalized COPD Exacerbations are Associated with Lower Risk of All-Cause Mortality. <b>2020</b> , 15, 1123-1134	10
1126	Cardiac Considerations in Chronic Lung Disease. <b>2020</b> ,	O
1125	High cytomegalovirus serology and subsequent COPD-related mortality: a longitudinal study. <b>2020</b> , 6,	5

1123	Effect of continuous nursing care based on the IKAP theory on the quality of life of patients with chronic obstructive pulmonary disease: A randomized controlled study. <b>2020</b> , 99, e19543	2
1122	Increased Chitotriosidase Is Associated With Aspergillus and Frequent Exacerbations in South-East Asian Patients With Bronchiectasis. <b>2020</b> , 158, 512-522	10
1121	Effects of adopting the Global Lung Function Initiative 2017 reference equations on the interpretation of carbon monoxide transfer factor. <b>2020</b> , 55,	4
1120	The Efficacy of Lung Volume Reduction Coil Treatment in Patients with Severe Chronic Obstructive Pulmonary Disease (COPD) Type II Respiratory Failure. <b>2020</b> , 15, 479-486	1
1119	Chinese herbal medicine reduces the risk of urinary incontinence in patients with chronic obstructive pulmonary disease: A population-based retrospective cohort study. <b>2020</b> , 27, 415-422	2
1118	The effects of BAFF on T lymphocytes in chronic obstructive pulmonary disease. <b>2020</b> , 21, 66	5
1117	Community-acquired pneumonia in chronic obstructive pulmonary disease. <b>2020</b> , 33, 173-181	5
1116	Gallic acid protects against the COPD-linked lung inflammation and emphysema in mice. <b>2020</b> , 69, 423-434	17
1115	Epidemiology and Mortality-Associated Factors of Invasive Fungal Disease in Elderly Patients: A 20-Year Retrospective Study from Southern China. <b>2020</b> , 13, 711-723	6
1114	"Can't Stop the Feeling": Symptoms as the Key to Trial Success in Bronchiectasis?. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2020</b> , 201, 1461-1462	2
1113	Adherence to COPD free triple inhaled therapy in the real world: a primary care based study. <b>2020</b> , 14, 732	3
1112	Effects of a human microenvironment on the differentiation of human myoblasts. <b>2020</b> , 525, 968-973	4
1111	Mortality of Cardiovascular Events in Patients With COPD and Preceding Hospitalization for Acute Exacerbation. <b>2020</b> , 158, 973-985	11
1110	Diffusing Capacity Is an Independent Predictor of Outcomes in Pulmonary Hypertension Associated With COPD. <b>2020</b> , 158, 722-734	11
1109	. <b>2020</b> , 8, 47370-47383	6
1108	Adherence of North-African Pulmonologists to the 2017-Global Initiative for Chronic Obstructive Lung Disease (GOLD) Pharmacological Treatment Guidelines (PTGs) of Stable Chronic Obstructive Pulmonary Disease (COPD). <b>2020</b> , 2020, 1031845	5
1107	FEV as a Standalone Spirometric Predictor and the Attributable Fraction for Death in Older Persons. <b>2020</b> , 65, 217-226	2
1106	Optimal threshold in low-dose CT quantification of emphysema. <b>2020</b> , 129, 109094	3

Recommendations for Implementing Lung Cancer Screening with Low-Dose Computed Tomography in Europe. <b>2020</b> , 12,	18
1104 Endothelial Cells and Endothelium. 2020,	o
Arterial and transcutaneous variability and agreement between multiple successive measurent of carbon dioxide in patients with chronic obstructive lung disease. <b>2020</b> , 280, 103486	nents O
Relationship of CT densitometry to lung physiological parameters and health status in alpha-1 antitrypsin deficiency: initial report of a centralised database of the NIHR rare diseases translational research collaborative. <b>2020</b> , 10, e036045	2
1101 Emphysema at CT in Smokers with Normal Spirometry: Why It Is Clinically Significant. <b>2020</b> , 29	6, 650-651 o
1100 [The palliative care of COPD]. <b>2020</b> , 162, 36-43	
1099 COPD and acute myocardial infarction. <b>2020</b> , 29,	13
The clinical value of lncRNA MALAT1 and its targets miR-125b, miR-133, miR-146a, and miR-20 predicting disease progression in chronic obstructive pulmonary disease patients. <b>2020</b> , 34, e2	
Long-term pulmonary function after posterior spinal fusion in main thoracic adolescent idiopascoliosis. <b>2020</b> , 15, e0235123	ethic 2
Pulmonary Function Influences the Performance of Berlin Questionnaire, Modified Berlin 1096 Questionnaire, and STOP-Bang Score for Screening Obstructive Sleep Apnea in Subjects with Chronic Obstructive Pulmonary Disease. <b>2020</b> , 15, 1207-1216	3
Clinical presentation and comorbidities of obstructive sleep apnea-COPD overlap syndrome. <b>2</b> 15, e0235331	2020,
Sputum and serum autoantibody profiles and their clinical correlation patterns in COPD patien with and without eosinophilic airway inflammation. <b>2020</b> , 12, 3085-3100	nts 4
Postoperative Delirium in Patients with Chronic Obstructive Pulmonary Disease after Coronar Artery Bypass Grafting. <b>2020</b> , 56,	y <sub>2</sub>
Efficacy and safety of Sildenafil treatment in pulmonary hypertension caused by chronic obstructive pulmonary disease: A meta-analysis. <b>2020</b> , 257, 118001	7
Caring for Critically Ill Adults With Coronavirus Disease 2019 in a PICU: Recommendations by I Trained Intensivists. <b>2020</b> , 21, 607-619	Dual 25
Information needs of older patients living with chronic obstructive pulmonary disease (COPD) indicated for a specific geriatric rehabilitation programme: a prospective cohort study. <b>2020</b> , 2	
1089 Prehabilitation of the Thoracic Surgery Patient. <b>2020</b> , 30, 249-258	2
Multi-morbidities are Not a Driving Factor for an Increase of COPD-Related 30-Day Readmission Risk. <b>2020</b> , 15, 143-154	on 1

Trends and Factors Associated with Nebulized Therapy Prescription in Older Adults with Chronic Obstructive Pulmonary Disease from 2008 to 2015. <b>2020</b> , 33, 161-169	O
1086 Sex differences in lymphoid follicles in COPD airways. <b>2020</b> , 21, 46	8
A-Kinase Anchoring Proteins Diminish TGF-©Cigarette Smoke-Induced Epithelial-To-Mesenchymal Transition. <b>2020</b> , 9,	10
Cigarette smoke downregulates Nur77 to exacerbate inflammation in chronic obstructive pulmonary disease (COPD). <b>2020</b> , 15, e0229256	6
1083 Pulmonary Rehabilitation in Chronic Obstructive Pulmonary Disease. <b>2020</b> ,	2
Serum Levels of Autoantibodies Against Extracellular Antigens and Neutrophil Granule Proteins Increase in Patients with COPD Compared to Non-COPD Smokers. <b>2020</b> , 15, 189-200	6
Serum Endostatin Is a Novel Marker for COPD Associated with Lower Lung Function, Exacerbation and Systemic Inflammation. <b>2020</b> , 15, 397-407	6
Interleukin-17A Deficiency Attenuated Emphysema and Bone Loss in Mice Exposed to Cigarette Smoke. <b>2020</b> , 15, 301-310	12
Using the BODE Index and Comorbidities to Predict Health Utilization Resources in Chronic Obstructive Pulmonary Disease. <b>2020</b> , 15, 389-395	8
Nutritional supplementation during pulmonary rehabilitation in COPD: A systematic review. <b>2020</b> , 17, 1479973120904953	7
Patients with COPD who underwent pulmonary rehabilitation in Turkey: prevalence, distribution, and mortality. <b>2020</b> , 50, 141-147	1
1076 Management of Respiratory Symptoms in Those with Serious Illness. <b>2020</b> , 104, 455-470	3
A Machine-learning Approach to Forecast Aggravation Risk in Patients with Acute Exacerbation of Chronic Obstructive Pulmonary Disease with Clinical Indicators. <b>2020</b> , 10, 3118	14
Genetic variants in IL17A and serum levels of IL-17A are associated with COPD related to tobacco smoking and biomass burning. <b>2020</b> , 10, 784	5
Statin Use and the Risk of Subsequent Hospitalized Exacerbations in COPD Patients with Frequent Exacerbations. <b>2020</b> , 15, 289-299	8
Health Care Utilisation and Health Needs of People with Severe COPD in the Southern Region of New Zealand: A Retrospective Case Note Review. <b>2020</b> , 17, 136-142	6
Resveratrol and metabolic health in COPD: A proof-of-concept randomized controlled trial. <b>2020</b> , 39, 2989-2997	5
Peak Expiratory Flow and the Risk of Injurious Falls in Older Adults: The Role of Physical and Cognitive Deficits. <b>2020</b> , 21, 1288-1294.e4	1

## (2020-2020)

Transcriptional analysis identifies potential biomarkers and molecular regulators in pneumonia and COPD exacerbation. <b>2020</b> , 10, 241	7
Underutilization of Pulmonary Function Testing in Veterans Hospitalized for Chronic Obstructive Pulmonary Disease Exacerbation: Who are We Missing?. <b>2020</b> , 17, 15-21	1
Comparative analysis of pathophysiological parameters between emphysematous smokers and emphysematous patients with COPD. <b>2020</b> , 10, 420	3
1066 Checking Inhaler Technique in the Community Pharmacy: Predictors of Critical Errors. <b>2020</b> , 8,	3
Prevalence and Characteristics of Pain in Patients of Chronic Obstructive Pulmonary Disease: A Cross-Sectional Study in China. <b>2020</b> , 17, 90-100	3
1064 Screening for obstructive lung disease in hospitalized psychiatric patients. <b>2020</b> , 74, 181-186	О
1063 The Emerging Role of Radiomics in COPD and Lung Cancer. <b>2020</b> , 99, 99-107	20
Decreased expression of a phagocytic receptor Siglec-1 on alveolar macrophages in chronic obstructive pulmonary disease. <b>2020</b> , 21, 30	8
From Bench to Bedside: Implementation of Endobronchial Valve Treatment for Patients with Advanced Emphysema in Routine Clinical Care. <b>2020</b> , 99, 187-188	7
1060 Treating Hypertension in Chronic Obstructive Pulmonary Disease. <b>2020</b> , 382, 353-363	13
Detecting COPD using micro-spirometry and/or questionnaire. <b>2020</b> , 25, 126-127	3
Ultrasound Evaluation of the Quadriceps Muscle Contractile Index in Patients with Stable Chronic  1058 Obstructive Pulmonary Disease: Relationships with Clinical Symptoms, Disease Severity and Diaphragm Contractility. <b>2020</b> , 15, 79-88	5
Quantitative CT detects progression in COPD patients with severe emphysema in a 3-month interval. <b>2020</b> , 30, 2502-2512	7
Protein Network Analysis Identifies Changes in the Level of Proteins Involved in Platelet Degranulation, Proteolysis and Cholesterol Metabolism Pathways in AECOPD Patients. <b>2020</b> , 17, 29-33	4
1055 Comprehensive metabolic flux analysis to explain skeletal muscle weakness in COPD. <b>2020</b> , 39, 3056-3065	9
Effect of piperlongumine during exposure to cigarette smoke reduces inflammation and lung injury. <b>2020</b> , 61, 101896	5
Enhanced External Counterpulsation Efficacy on Exercise Endurance in COPD Patients and Healthy Subjects: A Pilot Randomized Clinical Trial. <b>2020</b> , 15, 25-31	1
Glucocorticoid Receptor Emediates Roflumilast's Ability to Restore Dexamethasone Sensitivity in COPD. <b>2020</b> , 15, 125-134	9

1051	Role of Regulatory T Cells in Disturbed Immune Homeostasis in Patients With Chronic Obstructive Pulmonary Disease. <b>2020</b> , 11, 723	7
1050	Effect of Subcutaneous Insulin on Spirometric Maneuvers in Patients with Type 1 Diabetes: A Case-Control Study. <b>2020</b> , 9,	Ο
1049	Re-evaluation of the Uplift Clinical Trial Using Age-Appropriate Spirometric Criteria. <b>2020</b> , 158, 539-549	О
1048	Association among chronic kidney disease, airflow limitation, and mortality in a community-based population: The Yamagata (Takahata) study. <b>2020</b> , 10, 5570	3
1047	The burden of chronic obstructive pulmonary disease in open heart surgery-a retrospective cohort analysis of postoperative complications: STROBE compliant. <b>2020</b> , 99, e19675	2
1046	Correlation of serum fatty acid binding protein-4 and interleukin-6 with airflow limitation and quality of life in stable and acute exacerbation of COPD. <b>2020</b> , 50, 337-345	5
1045	Interaction with Induces Biofilm-Associated Antibiotic Tolerance via Adhesin A. <b>2020</b> , 6, 1686-1696	3
1044	Guidance for the Better Care of Patients with Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2020</b> , 201, 1022-1023	1
1043	Development and external validation of a nomogram to predict overall survival following stereotactic body radiotherapy for early-stage lung cancer. <b>2020</b> , 15, 89	2
1042	Exhaled volatile organic compounds analysis by e-nose can detect idiopathic pulmonary fibrosis. <b>2020</b> , 14, 047101	4
1041	Regional differences in airway susceptibility to cigarette smoke: An investigational case study of epithelial function and gene alterations in in vitro airway epithelial three-dimensional cultures. <b>2020</b> , 4, 239784732091162	
1040	Clinical decision support systems to improve the diagnosis and management of respiratory diseases. <b>2020</b> , 359-391	1
1039	Towards large-scale case-finding: training and validation of residual networks for detection of chronic obstructive pulmonary disease using low-dose CT. <b>2020</b> , 2, e259-e267	22
1038	A comparison of tiotropium/olodaterol vs tiotropium alone in terms of treatment effect for chronic obstructive pulmonary disease: A meta-analysis. <b>2020</b> , 99, e19789	O
1037	Electronic Medical Record Inaccuracies: Multicenter Analysis of Challenges with Modified Lung Cancer Screening Criteria. <b>2020</b> , 2020, 7142568	2
1036	The effect of exacerbation history on outcomes in the IMPACT trial. <b>2020</b> , 55,	9
1035	The correlation between CYP4F2 variants and chronic obstructive pulmonary disease risk in Hainan Han population. <b>2020</b> , 21, 86	1
1034	Impact of baseline symptoms and health status on COPD exacerbations in the FLAME study. <b>2020</b> , 21, 93	4

1033	Effect of Zephyr Endobronchial Valves on Dyspnea, Activity Levels, and Quality of Life at One Year. Results from a Randomized Clinical Trial. <b>2020</b> , 17, 829-838	9
1032	Enfermedad pulmonar obstructiva crīlica: Resultados del tratamiento inhalado regula en pacientes GOLD A. <b>2020</b> , 2, 18-19	
1031	Targeted Retreatment of Incompletely Recovered Chronic Obstructive Pulmonary Disease Exacerbations with Ciprofloxacin. A Double-Blind, Randomized, Placebo-controlled, Multicenter, Phase III Clinical Trial. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 549-557	3
1030	Canadian consensus recommendations for a research agenda in pulmonary rehabilitation post-acute exacerbation of COPD: A meeting report. <b>2021</b> , 5, 43-50	
1029	Computed Tomography Screening for Early Lung Cancer, COPD and Cardiovascular Disease in Shanghai: Rationale and Design of a Population-based Comparative Study. <b>2021</b> , 28, 36-45	7
1028	Applying Systems Toxicology Methods to Drug Safety. <b>2021</b> , 330-341	1
1027	Organelle-specific autophagy in inflammatory diseases: a potential therapeutic target underlying the quality control of multiple organelles. <b>2021</b> , 17, 385-401	61
1026	Reply to Vozoris: Opioids for Dyspnea in Chronic Obstructive Pulmonary Disease: Short on the Details. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2021</b> , 203, 267-269	1
1025	Intra-alveolar neutrophil-derived microvesicles are associated with disease severity in COPD. <b>2021</b> , 320, L73-L83	13
1024	Interstitial Lung Abnormalities and the Clinical Course in Patients With CORD 2021 150, 120, 127	0
1024	Interstitial Lung Abnormalities and the Clinical Course in Patients With COPD. <b>2021</b> , 159, 128-137	8
1023	Endo-phenotyping of COPD patients. <b>2021</b> , 15, 27-37	3
1023		3
1023	Endo-phenotyping of COPD patients. <b>2021</b> , 15, 27-37  Computed Tomography-based Airway Surface Area-to-Volume Ratio for Phenotyping Airway Remodeling in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2021</b> , 203, 185-191  Augmented Lipocalin-2 Is Associated with Chronic Obstructive Pulmonary Disease and Counteracts	3
1023	Endo-phenotyping of COPD patients. <b>2021</b> , 15, 27-37  Computed Tomography-based Airway Surface Area-to-Volume Ratio for Phenotyping Airway Remodeling in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2021</b> , 203, 185-191  Augmented Lipocalin-2 Is Associated with Chronic Obstructive Pulmonary Disease and Counteracts Lung Adenocarcinoma Development. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2021</b> , 203, 90-101  Patterns of Opioid Prescribing among Medicare Advantage Beneficiaries with Pain and	3
1023	Endo-phenotyping of COPD patients. 2021, 15, 27-37  Computed Tomography-based Airway Surface Area-to-Volume Ratio for Phenotyping Airway Remodeling in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 185-191  Augmented Lipocalin-2 Is Associated with Chronic Obstructive Pulmonary Disease and Counteracts Lung Adenocarcinoma Development. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 90-101  Patterns of Opioid Prescribing among Medicare Advantage Beneficiaries with Pain and	3 4 8
1023 1022 1021	Endo-phenotyping of COPD patients. 2021, 15, 27-37  Computed Tomography-based Airway Surface Area-to-Volume Ratio for Phenotyping Airway Remodeling in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 185-191  Augmented Lipocalin-2 Is Associated with Chronic Obstructive Pulmonary Disease and Counteracts Lung Adenocarcinoma Development. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 90-101  Patterns of Opioid Prescribing among Medicare Advantage Beneficiaries with Pain and Cardiopulmonary Conditions. 2021, 24, 195-204  Exercise & Sports Science Australia (ESSA) position statement on exercise and chronic obstructive pulmonary disease. 2021, 24, 52-59	3 4 8
1023 1022 1021 1020	Endo-phenotyping of COPD patients. 2021, 15, 27-37  Computed Tomography-based Airway Surface Area-to-Volume Ratio for Phenotyping Airway Remodeling in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 185-191  Augmented Lipocalin-2 Is Associated with Chronic Obstructive Pulmonary Disease and Counteracts Lung Adenocarcinoma Development. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 90-101  Patterns of Opioid Prescribing among Medicare Advantage Beneficiaries with Pain and Cardiopulmonary Conditions. 2021, 24, 195-204  Exercise & Sports Science Australia (ESSA) position statement on exercise and chronic obstructive pulmonary disease. 2021, 24, 52-59	3 4 8 1 5
1023 1022 1021 1020 1019	Endo-phenotyping of COPD patients. 2021, 15, 27-37  Computed Tomography-based Airway Surface Area-to-Volume Ratio for Phenotyping Airway Remodeling in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 185-191  Augmented Lipocalin-2 Is Associated with Chronic Obstructive Pulmonary Disease and Counteracts Lung Adenocarcinoma Development. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 90-101  Patterns of Opioid Prescribing among Medicare Advantage Beneficiaries with Pain and Cardiopulmonary Conditions. 2021, 24, 195-204  Exercise & Sports Science Australia (ESSA) position statement on exercise and chronic obstructive pulmonary disease. 2021, 24, 52-59  Gallic acid ameliorates COPD-associated exacerbation in mice. 2021, 476, 293-302  A high-risk airway mycobiome is associated with frequent exacerbation and mortality in COPD.	3 4 8 1 5

1015	Efficacy and Safety of Different Doses of Systemic Corticosteroids in COPD Exacerbation. <b>2021</b> , 66, 316-326	1
1014	Lactate dehydrogenase isoenzymes in patients with acute exacerbation of chronic obstructive pulmonary disease: An exploratory cross-sectional study. <b>2021</b> , 283, 103562	1
1013	Is the Leicester Cough Questionnaire useful for nontuberculous mycobacterial lung disease?. <b>2021</b> , 59, 120-125	1
1012	Mitoquinone ameliorates cigarette smoke-induced airway inflammation and mucus hypersecretion in mice. <b>2021</b> , 90, 107149	7
1011	Qualitative emphysema and risk of COPD hospitalization in a multicenter CT lung cancer screening cohort study. <b>2021</b> , 176, 106245	2
1010	The burden of sulfur dioxide pollution on years of life lost from chronic obstructive pulmonary disease: A nationwide analysis in China. <b>2021</b> , 194, 110503	6
1009	Comparison of high-flow oxygenation with noninvasive ventilation in COPD exacerbation: A crossover clinical trial. <b>2021</b> , 15, 420-429	1
1008	Walking exercise alters protein digestion, amino acid absorption, and whole body protein kinetics in older adults with and without COPD. <b>2021</b> , 130, 435-444	2
1007	The Challenges of Defining Early Chronic Obstructive Pulmonary Disease in the General Population.  American Journal of Respiratory and Critical Care Medicine, 2021, 203, 1209-1210	2
1006	3D Oxygen-Enhanced MRI at 3T MR System: Comparison With Thin-Section CT of Quantitative Capability for Pulmonary Functional Loss Assessment and Clinical Stage Classification of COPD in Smokers. <b>2021</b> , 53, 1042-1051	2
1005	Effects of Mesenchymal Stromal Cell-Derived Extracellular Vesicles in Lung Diseases: Current Status and Future Perspectives. <b>2021</b> , 17, 440-458	12
1004	The AGE-RAGE Axis and RAGE Genetics in Chronic Obstructive Pulmonary Disease. <b>2021</b> , 60, 244-258	7
1003	ADAM17 Deficiency Protects against Pulmonary Emphysema. <b>2021</b> , 64, 183-195	7
1002	Prediction of postinfectious bronchiolitis obliterans prognosis in children. <b>2021</b> , 56, 1069-1076	1
1001	Improving clinical disease subtyping and future events prediction through a chest CT-based deep learning approach. <b>2021</b> , 48, 1168-1181	2
1000	Intestinal function is impaired in patients with Chronic Obstructive Pulmonary Disease. <b>2021</b> , 40, 2270-2277	8
999	Fleischner Society Visual Emphysema CT Patterns Help Predict Progression of Emphysema in Current and Former Smokers: Results from the COPDGene Study. <b>2021</b> , 298, 441-449	4
998	Prediction value of procalcitonin combining CURB-65 for 90-day mortality in community-acquired pneumonia. <b>2021</b> , 15, 689-696	1

997	Economic and workload impact of therapeutic interchange of inhaler medications and nebulizer solutions. <b>2021</b> , 78, 41-48	1
996	The ratio FEV /FVC and its association to respiratory symptoms-A Swedish general population study. <b>2021</b> , 41, 181-191	1
995	Obesity, malnutrition, and trace element deficiency in the coronavirus disease (COVID-19) pandemic: An overview. <b>2021</b> , 81, 111016	40
994	Genome-Wide Gene-by-Smoking Interaction Study of Chronic Obstructive Pulmonary Disease. <b>2021</b> , 190, 875-885	9
993	Nanomedicine in pulmonary delivery. <b>2021</b> , 319-354	2
992	Dexamethasone and losartan combination treatment protected cigarette smoke-induced COPD in rats. <b>2021</b> , 40, 284-296	Ο
991	Hypoxemia and pulmonary hypertension in patients with concomitant restrictive ventilatory defect and sleep apnea: the overlap syndrome. <b>2021</b> , 25, 1173-1179	1
990	Lung DNA Methylation in Chronic Obstructive Pulmonary Disease: Relationship with Smoking Status and Airflow Limitation Severity. <i>American Journal of Respiratory and Critical Care Medicine</i> , 10 <b>2021</b> , 203, 129-134	.2 1
989	Monocyte-derived dendritic cells link localized secretory IgA deficiency to adaptive immune activation in COPD. <b>2021</b> , 14, 431-442	5
988	Clinical Outcomes of Male Subjects With Moderate COPD Based on Maximum Mid-Expiratory Flow. <b>2021</b> , 66, 442-448	
987	Validation of a Prediction Score for Drug-Resistant Microorganisms in Community-acquired Pneumonia. <b>2021</b> , 18, 257-265	4
986	Correlations of Silent Information Regulator of Transcription 1 (SIRT1) Expression, Inflammatory Factors, and Oxidative Stress with Pulmonary Function in Patients with Acute Exacerbation of Chronic Obstructive Pulmonary Disease (AECOPD). <b>2021</b> , 27, e929046	2
985	New bronchoscopic treatment modalities for patients with chronic bronchitis. 2021, 30,	2
984	Effect of low protein intake on acute exacerbations in mild to moderate chronic obstructive pulmonary disease: data from the 2007-2012 KNHANES. <b>2021</b> , 13, 5592-5603	
983	Magnetic wire active microrheology of human respiratory mucus. <b>2021</b> , 17, 7585-7595	2
982	Severe Acute Respiratory Infection Surveillance during the Initial Phase of the COVID-19 Outbreak in North India: A Comparison of COVID-19 to Other SARI Causes. <b>2021</b> , 25, 761-767	4
981	[The effect of glucocorticoids in combination with azithromycin or theophylline on cytokine production by NK and NKT-like blood cells of patients with chronic obstructive pulmonary disease]. <b>2021</b> , 67, 352-359	1
980	Chronic Obstructive Pulmonary Disease: Molecular Basis of Pathogenesis and Targeted Therapeutic Approaches. <b>2021</b> , 163-190	

979	Longitudinal Evaluation of the Relationship Between Low Socioeconomic Status and Incidence of Chronic Obstructive Pulmonary Disease: Korean Genome and Epidemiology Study (KoGES). <b>2020</b> , 15, 3447-3454	2
978	Analysis of Risk Factors Affecting The Occurrence of Chronic Obstructive Pulmonary Disease in Indonesia. <b>2021</b> , 9, 18	O
977	Imaging in alpha-1 antitrypsin deficiency: a window into the disease. <b>2021</b> , 12_suppl, 20406223211024523	2
976	The impact of nurse practitioner and physician assistant workforce supply on Medicaid-related emergency department visits and hospitalizations. <b>2021</b> , 33, 1190-1197	О
975	Natural history and mechanisms of COPD. <b>2021</b> , 26, 298-321	12
974	Sex Hormones and Lung Inflammation. <b>2021</b> , 1304, 259-321	10
973	Effect of home-based pulmonary rehabilitation on health-related quality of life, lung function, exercise tolerance, and dyspnea in chronic obstructive pulmonary disorder patients in a tertiary care center in South India. <b>2021</b> , 38, 211-215	O
972	Clinical features and pulmonary function in children with Swyer-James-Macleod syndrome: A single center experience. <b>2021</b> , 9, 156	
971	Non-typeable chronic colonization in chronic obstructive pulmonary disease (COPD). <b>2021</b> , 47, 192-205	2
970	Predictors for bronchoalveolar lavage recovery failure in diffuse parenchymal lung disease. <b>2021</b> , 11, 1682	1
969	The Manchester Respiratory Activities of Daily Living Questionnaire: Reliability and Validity of the Chinese Version with Pictorial Enhancement. <b>2021</b> , 16, 91-100	
968	Feasibility of testing bronchodilator responsiveness with glycopyrronium in obstructive airway diseases: the initial appraisal of the pilot experience. <b>2021</b> , 9, 16	
967	Review on the correlation between chronic obstructive pulmonary disease and eosinophil in peripheral blood. <b>2021</b> , 19, 205873922199818	
966	Elevated plasma level of Pentraxin 3 is associated with emphysema and mortality in smokers. <b>2021</b> , 76, 335-342	4
965	Serum Albumin Concentrations in Stable Chronic Obstructive Pulmonary Disease: A Systematic Review and Meta-Analysis. <b>2021</b> , 10,	5
964	Acute Exacerbation of Chronic Obstructive Pulmonary Disease. <b>2021</b> , 44, 74-90	1
963	Availability, cost, and affordability of asthma and chronic obstructive pulmonary disease medications in The Gambia. 2, 33-41	6
962	Correlation and Predicted Equations of MIP/MEP from the Pulmonary Function, Demographics and Anthropometrics in Healthy Thai Participants aged 19 to 50 Years. <b>2021</b> , 15, 11795484211004494	1

961	Word Embedding Reveals Cyfra 21-1 as a Biomarker for Chronic Obstructive Pulmonary Disease. <b>2021</b> , 36, e224	
960	Characteristics of Pulmonary Rehabilitation Programs Following an Exacerbation of Chronic Obstructive Pulmonary Disease: A SYSTEMATIC REVIEW. <b>2021</b> , 41, 78-87	3
959	New Progress in Cluster Management of Artificial Airway. <b>2021</b> , 11, 3905-3911	
958	Digital Health for Enhanced Understanding and Management of Chronic Conditions: COPD as a Use Case. <b>2021</b> , 256-273	
957	One-year Changes in the Skeletal Muscle Function of Patients with Mild Chronic Obstructive Pulmonary Disease. <b>2021</b> , 36, 259-264	
956	The prevalence and clinical features of chronic obstructive pulmonary disease patients with traits of asthma in Taiwan. <b>2021</b> , 121, 25-25	
955	Prevalence, risk factors, and interventions for chronic obstructive pulmonary disease in South Asia: a scoping review protocol. <b>2021</b> , 10, 20	1
954	Alveolar Hypoventilation and Non-invasive Ventilation in COPD. <b>2021</b> , 145-152	
953	Association of Body Mass Index with Risk of Chronic Obstructive Pulmonary Disease: A Systematic Review and Meta-Analysis. <b>2021</b> , 18, 101-113	0
952	Deterioration and Mortality Risk of COPD Patients Not Fitting into Standard GOLD Categories: Results of the COSYCONET Cohort. <b>2021</b> , 100, 308-317	O
951	Prognostic effects of arterial carbon dioxide levels in patients hospitalized into the cardiac intensive care unit for acute heart failure. <b>2021</b> , 10, 497-502	1
950	Co-existing obstructive sleep apnea among patients with chronic obstructive pulmonary disease. <b>2021</b> , 38, 12-17	2
949	Randomization to Omega-3 Fatty Acid Supplementation and Endothelial Function in COPD: The COD-Fish Randomized Controlled Trial. <b>2021</b> , 8,	5
948	Low BMI and weight loss aggravate COPD mortality in men, findings from a large prospective cohort: the JACC study. <b>2021</b> , 11, 1531	5
947	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. <b>2021</b> , 22, 1719-1729	1
946	Chronic Obstructive Pulmonary Disease Treatment and Pharmacist-Led Medication Management. <b>2021</b> , 15, 111-124	5
945	Asthma and asthma symptom control in relation to incidence of lung cancer in the HUNT study. <b>2021</b> , 11, 4539	3
944	Cumulative Occupational Exposures and Lung-Function Decline in Two Large General-Population Cohorts. <b>2021</b> , 18, 238-246	2

943	Cigarette Smoke-Induced Lymphoid Neogenesis in COPD Involves IL-17/RANKL Pathway. <b>2020</b> , 11, 588522	4
942	Effect of nutritional risk on cognitive function in patients with chronic obstructive pulmonary disease. <b>2021</b> , 49, 300060521990127	O
941	Chronic Obstructive Pulmonary Disease (COPD) and Air Pollution: A Review. <b>2021</b> , 10,	2
940	Dual versus monotherapy with bronchodilators in GOLD group B COPD patients according to baseline FEV level: a patient-level pooled analysis of phase-3 randomized clinical trials. <b>2021</b> , 22, 55	2
939	Olodaterol exerts anti-inflammatory effects on COPD airway epithelial cells. <b>2021</b> , 22, 65	2
938	Compare the Effect of Inhaled Corticosteroids and Systemic Corticosteroids on Sputum Microbiome of AECOPD. <b>2021</b> , 8, 637246	2
937	The relationships between serum heart-type fatty acid-binding protein and right ventricular echocardiographic indices in chronic obstructive pulmonary disease. <b>2021</b> , 15, 628-636	
936	EVALUATION OF THE RELATIONSHIP BETWEEN D VITAMIN LEVEL IN COPD PATIENTS WITH ACUTE RESPIRATORY FAILURE.	
935	Association between airflow limitation and prognosis in patients with chronic pulmonary aspergillosis. <b>2021</b> , 13, 681-688	2
934	Reducing sedentary behavior in individuals with COPD: healthcare professionals' perspectives. <b>2021</b> , 1-12	
933	Association between lower extremity venous insufficiency and duration of atrial fibrillation. <b>2021</b> , 36, 570-575	
932	The paradoxical response to short-acting bronchodilator administration in patients with chronic obstructive pulmonary disease. <b>2021</b> , 13, 511-520	1
931	Gender modifies the effect of body mass index on lung function decline in mild-to-moderate COPD patients: a pooled analysis. <b>2021</b> , 22, 59	1
930	Unmet needs in the management of exacerbations of chronic obstructive pulmonary disease. <b>2021</b> , 16, 559-569	4
929	Length of hospital stay prediction with an integrated approach of statistical-based fuzzy cognitive maps and artificial neural networks. <b>2021</b> , 59, 483-496	1
928	Chronic obstructive pulmonary disease and advance care planning: A synthesis of qualitative literature on patients' experiences. <b>2021</b> , 1742395321990109	1
927	Development and Assessment of Prediction Models for the Development of COPD in a Typical Rural Area in Northwest China. <b>2021</b> , 16, 477-486	О
926	Can Technology-Based Physical Activity Programs for Chronic Obstructive Pulmonary Disease Be Cost-Effective?. <b>2021</b> , 27, 1288-1292	O

925	Critical inhaler technique errors in Swedish patients with COPD: a cross-sectional study analysing video-recorded demonstrations. <b>2021</b> , 31, 5	1
924	Assessment of Ventilatory Heterogeneity in Chronic Obstructive Pulmonary Disease Using the Inspired Sinewave Test. <b>2021</b> , 16, 401-413	2
923	Comorbidities and mortality risk factors for patients with bronchiectasis. <b>2021</b> , 15, 623-634	2
922	The Influenza A Virus H3N2 Triggers the Hypersusceptibility of Airway Inflammatory Response via Activating the lncRNA TUG1/miR-145-5p/NF-B Pathway in COPD. <b>2021</b> , 12, 604590	3
921	Characterizing patterns of small pneumoconiotic opacities on chest radiographs of New Mexico coal miners. <b>2021</b> , 1-5	
920	A Review of Chronic Comorbidities in Adults Living With HIV: State of the Science. <b>2021</b> , 32, 322-346	1
919	The difference in heat transport characteristics of the heart and lung meridians: A comparative study of COPD patients and healthy subjects. <b>2021</b> , 100, e23804	1
918	The Prevalence of Chronic Obstructive Pulmonary Disease (COPD) and the Heterogeneity of Risk Factors in the Canadian Population: Results from the Canadian Obstructive Lung Disease (COLD) Study. <b>2021</b> , 16, 305-320	5
917	Determining the effects of socioeconomic and environmental determinants on chronic obstructive pulmonary disease (COPD) mortality using geographically and temporally weighted regression model across Xi'an during 2014-2016. <b>2021</b> , 756, 143869	12
916	Effectiveness of low-dose theophylline for the management of biomass-associated COPD (LODOT-BCOPD): study protocol for a randomized controlled trial. <b>2021</b> , 22, 213	O
915	Computed tomography-based visual assessment of chronic obstructive pulmonary disease: comparison with pulmonary function test and quantitative computed tomography. <b>2021</b> , 13, 1495-1506	3
914	Association of Monocyte Migration Marker CD11b With Pulmonary Function in People Living With HIV. <b>2021</b> , 86, 344-352	1
913	The Importance of Appropriate Diagnosis in the Practical Management of Chronic Obstructive Pulmonary Disease. <b>2021</b> , 11,	3
912	Research and Healthcare Priorities of Individuals Living with COPD. <b>2021</b> , 18, 133-146	2
911	Efficacy of a long-term pulmonary rehabilitation maintenance program for COPD patients in a real-life setting: a 5-year cohort study. <b>2021</b> , 22, 79	3
910	Mucosal Associated Invariant T Cells Were Activated and Polarized Toward Th17 in Chronic Obstructive Pulmonary Disease. <b>2021</b> , 12, 640455	1
909	Association Between Statin Use and Exacerbation of Chronic Obstructive Pulmonary Disease Among Patients Receiving Corticosteroids. <b>2021</b> , 16, 591-602	2
908	The Effect of Intravenous Magnesium Sulphate as an Adjuvant in the Treatment of Acute Exacerbations of COPD in the Emergency Department: A Double-Blind Randomized Clinical Trial. <b>2021</b> , 31, 267-274	O

907	Does inhaled corticosteroid use 'affect the risk of ?COVID-19-related death?. <b>2021</b> , 17, 200275	3
906	The different phenotypes of COPD. <b>2021</b> , 137, 82-97	O
905	Profile and preliminary results of Iranian sub cohort chronic obstructive pulmonary disease (COPD) in Shahrekord PERSIAN cohort in southwest Iran. <b>2021</b> , 21, 105	1
904	Increased serum SP-D in identification of high-risk smokers at high risk of COPD. <b>2021</b> , 320, L1005-L1010	
903	Intercept of minute ventilation versus carbon dioxide output relationship as an index of ventilatory inefficiency in chronic obstructive pulmonary disease. <b>2021</b> , 13, 1553-1563	0
902	The effects of the miR-21/SMAD7/TGF-[pathway on Th17 cell differentiation in COPD. <b>2021</b> , 11, 6338	2
901	Prediction of Mortality Using Different COPD Risk Assessments - A 12-Year Follow-Up. <b>2021</b> , 16, 665-675	3
900	Personal disaster preparedness of people with chronic obstructive pulmonary disease: Development and validation of a self-report questionnaire. 1-17	O
899	Relationship of Red Cell Index with the Severity of Chronic Obstructive Pulmonary Disease. <b>2021</b> , 16, 825-834	0
898	Latent traits of lung tissue patterns in former smokers derived by dual channel deep learning in computed tomography images. <b>2021</b> , 11, 4916	2
897	Prevalence and Risk Factors of Chronic Obstructive Pulmonary Disease in Kashi Region, Northwestern China. <b>2021</b> , 16, 655-663	3
896	Effect of periodontal therapy on COPD outcomes: a systematic review. <b>2021</b> , 21, 92	3
895	Self-reported sleep disturbance and mild cognitive impairment in COPD patients with severe airflow limitation. <b>2021</b> , 15, 808-814	
894	Influence of renal insufficiency pre-heart transplantation on malignancy risk post-heart transplantation. <b>2021</b> , 8, 2172-2182	1
893	Smoking Interaction with a Polygenic Risk Score for Reduced Lung Function.	0
892	Chronic obstructive pulmonary disease. <b>2021</b> , 5, 84-88	
891	Predictors of mortality in COPD exacerbation cases presenting to the respiratory intensive care unit. <b>2021</b> , 22, 77	2
890	Association of exacerbation phenotype with the sputum microbiome in chronic obstructive pulmonary disease patients during the clinically stable state. <b>2021</b> , 19, 121	9

## (2021-2021)

889	Timing of chronic obstructive pulmonary disease diagnosis in lung cancer prognosis: a clinical and genomic-based study. <b>2021</b> , 10, 1209-1220	О
888	Walking and mindfulness improve the exercise capacity of patients with chronic obstructive pulmonary disease: A randomised controlled trial. <b>2021</b> , 35, 1117-1125	Ο
887	High-fiber diets attenuate emphysema development via modulation of gut microbiota and metabolism. <b>2021</b> , 11, 7008	13
886	Joint association of cigarette smoking and PM with COPD among urban and rural adults in regional China. <b>2021</b> , 21, 87	5
885	Autonomic dysfunction in a group of lower extremities arterial disease outpatients. 2021, 69, 28-35	1
884	Long-Acting Bronchodilator Use in Chronic Obstructive Pulmonary Disease in Primary Care in New Zealand: A Retrospective Study of Treatment Patterns and Evolution Using the HealthStat Database. <b>2021</b> , 16, 1075-1091	
883	Association of plasma mitochondrial DNA with COPD severity and progression in the SPIROMICS cohort. <b>2021</b> , 22, 126	3
882	Macrophages Inhibit Ciliary Protein Levels by Secreting BMP-2 Leading to Airway Epithelial Remodeling Under Cigarette Smoke Exposure. <b>2021</b> , 8, 663987	Ο
881	Environmental and Genetic Factors in the Pathogenesis of COPD in the Road-Working Population. <b>2021</b> , 2021, 9953234	2
880	Treatment of COPD Groups GOLD A and B with Inhaled Corticosteroids in the COSYCONET Cohort - Determinants and Consequences. <b>2021</b> , 16, 987-998	2
879	Effects of a Rehabilitation Programme Using a Nasal Inspiratory Restriction Device in COPD. <b>2021</b> , 18,	0
878	Magnetic wire active microrheology of human respiratory mucus.	2
877	Combination therapies with thiazolidinediones are associated with a lower risk of acute exacerbations in new-onset COPD patients with advanced diabetic mellitus: a cohort-based case-control study. <b>2021</b> , 21, 141	3
876	miR-4456/CCL3/CCR5 Pathway in the Pathogenesis of Tight Junction Impairment in Chronic Obstructive Pulmonary Disease. <b>2021</b> , 12, 551839	
875	The effect of pulmonary rehabilitation on smoking and health outcomes in COPD patients. <b>2021</b> , 15, 855-862	1
874	Oxidative Stress Biomarkers in Chronic Obstructive Pulmonary Disease Exacerbations: A Systematic Review. <b>2021</b> , 10,	4
873	Effect of Baduanjin on pulmonary rehablitation in patients with moderate chronic obstructive pulmonary disease: a multi-center randomized controlled trial (Preprint).	
872	CircRNA circ_0006892 regulates miR-24/PHLPP2 axis to mitigate cigarette smoke extract-induced bronchial epithelial cell injury. <b>2021</b> ,	1

871 Lung volume reduction in real clinical practice. **2021**, 7,

870	The Relation Between Clinical Phenotypes, GOLD Groups/Stages and Mortality in COPD Patients - A Prospective Multicenter Study. <b>2021</b> , 16, 1171-1182	1
869	Lung Deposition and Inspiratory Flow Rate in Patients with Chronic Obstructive Pulmonary Disease Using Different Inhalation Devices: A Systematic Literature Review and Expert Opinion. <b>2021</b> , 16, 1021-1033	3
868	Effects of Proprioceptive Neuromuscular Facilitation Stretching Combined with Aerobic Training on Pulmonary Function in COPD Patients: A Randomized Controlled Trial. <b>2021</b> , 16, 969-977	1
867	The Role of Macrophages in the Development of Acute and Chronic Inflammatory Lung Diseases. <b>2021</b> , 10,	13
866	The predictive value of serum procalcitonin for non-invasive positive pressure ventilation in the patients with acute exacerbation of chronic obstructive pulmonary disease. <b>2021</b> , 100, e25547	
865	LncRNA LOC729178 acts as a sponge of miR-144-3p to mitigate cigarette smoke extract-induced inflammatory injury via regulating PHLPP2 in 16HBE cells. <b>2021</b> , 52, 437-447	O
864	F-Box Protein FBXW17-Mediated Proteasomal Degradation of Protein Methyltransferase PRMT6 Exaggerates CSE-Induced Lung Epithelial Inflammation and Apoptosis. <b>2021</b> , 9, 599020	O
863	Impact of Frailty on the Risk of Exacerbations and All-Cause Mortality in Elderly Patients with Stable Chronic Obstructive Pulmonary Disease. <b>2021</b> , 16, 593-601	3
862	Nutritional immunity: the impact of metals on lung immune cells and the airway microbiome during chronic respiratory disease. <b>2021</b> , 22, 133	8
861	The memory of airway epithelium damage in smokers and COPD patients.	4
860	Systolic reserve maintains left ventricular-vascular coupling when challenged by adverse breathing mechanics and hypertension in healthy adults. <b>2021</b> , 130, 1171-1182	
859	Short-Term Effects of Particulate Matter and Its Constituents on Emergency Room Visits for Chronic Obstructive Pulmonary Disease: A Time-Stratified Case-Crossover Study in an Urban Area. <b>2021</b> , 18,	3
858	Effectiveness of a motivational intervention based on spirometry results to achieve smoking cessation in primary healthcare patients: randomised, parallel, controlled multicentre study. <b>2021</b> , 75, 1001-1009	1
857	NK Cells in the Pathogenesis of Chronic Obstructive Pulmonary Disease. <b>2021</b> , 12, 666045	3
856	Sleep Duration and Its Associations with Mortality and Quality of Life in Chronic Obstructive Pulmonary Disease: Results from the 2007-2015 KNAHNES. <b>2021</b> , 100, 1043-1049	O
855	Maximal Voluntary Breath-Holding Tele-Inspiratory Test in Patients with Chronic Obstructive Pulmonary Disease. <b>2021</b> , 15, 15579883211015857	0
854	Comparative Effectiveness and Safety of Different Types of Inhaled Long-Acting EAgonist Plus Inhaled Long-Acting Muscarinic Antagonist vs Inhaled Long-Acting EAgonist Plus Inhaled Corticosteroid Fixed-Dose Combinations in COPD A Propensity Score-Inverse Probability of	2

853 Imbalance Between Injury and Defense in the COPD Emphysematous Phenotype. **2021**, 8, 653332

852	Unforgettable in every way. <b>2021</b> , 22, 197-201	
851	Echo Time-Dependent Observed Lung T in Patients With Chronic Obstructive Pulmonary Disease in Correlation With Quantitative Imaging and Clinical Indices. <b>2021</b> , 54, 1562-1571	1
850	Decreased Tongue Strength is Related to Skeletal Muscle Mass in COPD Patients. <b>2021</b> , 1	3
849	Performance of Risk Factor-Based Guidelines and Model-Based Chest CT Lung Cancer Screening in World Trade Center-Exposed Fire Department Rescue/Recovery Workers. <b>2021</b> , 159, 2060-2071	1
848	Exhaled nitric oxide: A biomarker for chronic obstructive pulmonary disease. <b>2021</b> , 59, 364-366	2
847	Emphysema Progression and Lung Function Decline Among Angiotensin Converting Enzyme Inhibitors and Angiotensin-Receptor Blockade Users in the COPDGene Cohort. <b>2021</b> , 160, 1245-1254	0
846	Regional Gas Exchange Measured by Xe Magnetic Resonance Imaging Before and After Combination Bronchodilators Treatment in Chronic Obstructive Pulmonary Disease. <b>2021</b> , 54, 964-974	3
845	Hydrogen/oxygen therapy for the treatment of an acute exacerbation of chronic obstructive pulmonary disease: results of a multicenter, randomized, double-blind, parallel-group controlled trial. <b>2021</b> , 22, 149	9
844	Nighttime features derived from topic models for classification of patients with COPD. <b>2021</b> , 132, 104322	2
843	Fully integrating pathophysiological insights in COPD: an updated working disease model to broaden therapeutic vision. <b>2021</b> , 30,	3
842	NURSING CARE IN EFFECTIVENESS OF BREATHING FOR CHRONIC OBSTRUCTION PATIENTS IN RSI NASHRUL UMMAH LAMONGAN. <b>2021</b> , 2, 53	
841	Susceptibility of patients with chronic obstructive pulmonary disease to heart rate difference associated with the short-term exposure to metals in ambient fine particles: A panel study in Beijing, China. <b>2021</b> , 1	1
840	RAGE-mediated functional DNA methylated modification contributes to cigarette smoke-induced airway inflammation in mice. <b>2021</b> , 41,	3
839	Aortic enlargement in chronic obstructive pulmonary disease (COPD) and emphysema: The Multi-Ethnic Study of Atherosclerosis (MESA) COPD study. <b>2021</b> , 331, 214-220	4
838	Management and outcomes of patients with chronic obstructive lung disease and lung cancer in a public healthcare system. <b>2021</b> , 16, e0251886	O
837	Incidence and Prognostic Factors of Respiratory Viral Infections in Severe Acute Exacerbation of Chronic Obstructive Pulmonary Disease. <b>2021</b> , 16, 1265-1273	6
836	Novel computational analysis of large transcriptome datasets identifies sets of genes distinguishing chronic obstructive pulmonary disease from healthy lung samples. <b>2021</b> , 11, 10258	O

835	Lung function and peak oxygen uptake in chronic obstructive pulmonary disease phenotypes with and without emphysema. <b>2021</b> , 16, e0252386	О
834	2-Day versus C-reactive protein guided antibiotherapy with levofloxacin in acute COPD exacerbation: A randomized controlled trial. <b>2021</b> , 16, e0251716	O
833	Prevalence of chronic obstructive pulmonary disease in patients with rheumatoid arthritis: A cross-sectional study. <b>2021</b> , 24, 774-780	O
832	The Characteristics of Airflow Limitation and Future Exacerbations in Different GOLD Groups of COPD Patients. <b>2021</b> , 16, 1401-1412	1
831	Domiciliary high-flow nasal cannula oxygen therapy for stable hypercapnic COPD patients: a prospective, multicenter, open-label, randomized controlled trial.	
830	Sulforaphane suppresses lipopolysaccharide- and Pam3CysSerLys4-mediated inflammation in chronic obstructive pulmonary disease via toll-like receptors. <b>2021</b> , 11, 1313-1321	4
829	Renewed vision on pulmonary rehabilitation service delivery for chronic obstructive pulmonary disease management beyond COVID-19. <b>2021</b> , 7, 107-116	0
828	Circulatory cadmium positively correlates with epithelial-mesenchymal transition in patients with chronic obstructive pulmonary disease. <b>2021</b> , 215, 112164	5
827	Exercise Capacity, Ventilatory Response, and Gas Exchange in COPD Patients With Mild to Severe Obstruction Residing at High Altitude. <b>2021</b> , 12, 668144	3
826	Early chronic obstructive pulmonary disease: A new perspective. <b>2021</b> , 7, 79-87	1
825	Pulmonary Rehabilitation for Patients with COPD and Asthma. <b>2021</b> , 1, 23-32	O
824	Feasibility and clinical impact of a portable bi-level ventilation device in patients with severe chronic obstructive pulmonary disease and exertional dyspnea: preliminary results from a clinical series. <b>2021</b> , 1-5	
823	Comparison of Effectiveness Using Different Dual Bronchodilator Agents in Chronic Obstructive Pulmonary Disease Treatment. <b>2021</b> , 10,	1
822	Epithelial Barrier Dysfunction in Chronic Respiratory Diseases. <b>2021</b> , 12, 691227	11
821	Simulation-based optimisation to quantify heterogeneity of specific ventilation and perfusion in the lung by the Inspired Sinewave Test. <b>2021</b> , 11, 12627	1
820	Titration and follow-up for home noninvasive positive pressure ventilation in chronic obstructive pulmonary disease: The potential role of tele-monitoring and the Internet of things. <b>2021</b> , 15, 705-715	2
819	The relationship between frontal QRS-T angle and the severity of newly diagnosed chronic obstructive pulmonary disease. <b>2021</b> , 75, e14500	2
818	The validity of shortened multiple-breath washout testing using sulfur hexafluoride in the assessment of patients with COPD. <b>2021</b> , 7,	1

817	Utility of Self-Administered Questionnaires for Identifying Individuals at Risk of COPD in Japan: The OCEAN (Okinawa COPD casE finding AssessmeNt) Study. <b>2021</b> , 16, 1771-1782	4
816	Factors Influencing the Length of Hospital Stay Among Patients with Chronic Obstructive Pulmonary Disease (COPD) in Macao Population: A Retrospective Study of Inpatient Health Record. <b>2021</b> , 16, 1677-1685	o
815	Development and Validation of a Healthcare Utilization-Based Algorithm to Identify Acute Exacerbations of Chronic Obstructive Pulmonary Disease. <b>2021</b> , 16, 1687-1698	
814	An exploration of clinical, behavioral, and community factors associated with sleep duration and efficiency among middle-aged Black/African American smokers. <b>2021</b> , 7, 397-407	1
813	[Pulmonary Rehabilitation in Patients with Chronic Obstructive Airway Diseases]. 2021, 75, 457-473	O
812	Effect of Strength Versus Strength and Endurance Upper Limb Exercise Training in Patients With Chronic Obstructive Pulmonary Disease: A RANDOMIZED CLINICAL TRIAL. <b>2021</b> , 41, 426-431	2
811	Management of respiratory distress following prehospital implementation of noninvasive ventilation in a physician-staffed emergency medical service: a single-center retrospective study. <b>2021</b> , 29, 85	1
810	Stem cell therapy for chronic obstructive pulmonary disease. <b>2021</b> , 134, 1535-1545	3
809	Diaphragm Morphology Assessed by Computed Tomography in Chronic Obstructive Pulmonary Disease. <b>2021</b> , 18, 955-962	2
808	Impact of Exercise Capacity Upon Respiratory Functions, Perception of Dyspnea, and Quality of Life in Patients with Chronic Obstructive Pulmonary Disease. <b>2021</b> , 16, 1529-1534	1
807	COPD Guidelines in the Asia-Pacific Regions: Similarities and Differences. <b>2021</b> , 11,	1
806	A Real-World Analysis of Treatment Patterns and Clinical Characteristics Among Patients with COPD Who Initiated Multiple-Inhaler Triple Therapy in New Zealand. <b>2021</b> , 16, 1835-1850	1
805	Chronic respiratory disease surveys in adults in low- and middle-income countries: A systematic scoping review of methodological approaches and outcomes. <b>2021</b> , 11, 04026	5
804	Evaluation of the corneal endothelium by specular microscopy in patients with chronic obstructive pulmonary disease. <b>2021</b> , 15, 1056-1062	
803	Association between socioeconomic status and chronic obstructive pulmonary disease in Jiangsu province, China: a population-based study. <b>2021</b> , 134, 1552-1560	1
802	Low-Value Inhaled Corticosteroids in Chronic Obstructive Pulmonary Disease and the Association with Healthcare Utilization and Costs. <b>2021</b> , 18, 989-996	
801	Differential expression of sputum and serum autoantibodies in patients with chronic obstructive pulmonary disease. <b>2021</b> , 320, L1169-L1182	1
800	Epithelium-derived IL17A Promotes Cigarette Smoke-induced Inflammation and Mucus Hyperproduction. <b>2021</b> , 65, 581-592	8

799	Associations of genetic risk and smoking with incident chronic obstructive pulmonary disease. <b>2021</b>	2
798	MULTI-PHACET: multidimensional clinical phenotyping of hospitalised acute COPD exacerbations. <b>2021</b> , 7,	3
797	Epidemiology, burden, and policy of chronic obstructive pulmonary disease in South Korea: a narrative review. <b>2021</b> , 13, 3888-3897	О
796	Apocynin prevents cigarette smoking-induced loss of skeletal muscle mass and function in mice by preserving proteostatic signalling. <b>2021</b> , 178, 3049-3066	4
795	Machine Learning Methods for the Diagnosis of Chronic Obstructive Pulmonary Disease in Healthy Subjects: Retrospective Observational Cohort Study. <b>2021</b> , 9, e24796	1
794	Development of mortality prediction model in the elderly hospitalized AKI patients. <b>2021</b> , 11, 15157	1
793	Contribution of hypercapnia to cognitive impairment in severe sleep-disordered breathing. 2021,	1
79 <sup>2</sup>	COPD exacerbations are related to poor air quality in Innsbruck: A retrospective pilot study. <b>2021</b> , 50, 499-503	3
791	Management of Pulmonary Hypertension Due to Chronic Lung Disease. <b>2021</b> , 17, 124-133	
790	Impact of patients' attitudes and dynamics in needs and life experiences during their journey in COPD: an ethnographic study. <b>2021</b> , 1-12	O
789	Comparison between tools for measuring breathlessness: Cross-sectional validation of the Japanese version of the Dyspnoea-12. <b>2021</b> , 15, 1201-1209	O
788	Safety and efficacy of itepekimab in patients with moderate-to-severe COPD: a genetic association study and randomised, double-blind, phase 2a trial. <b>2021</b> , 9, 1288-1298	15
787	Circ-RBMS1 Knockdown Alleviates CSE-Induced Apoptosis, Inflammation and Oxidative Stress via Up-Regulating FBXO11 Through miR-197-3p in 16HBE Cells. <b>2021</b> , 16, 2105-2118	4
786	Optimal NIV Medicare Access Promotion: Patients With COPD: A Technical Expert Panel Report From the American College of Chest Physicians, the American Association for Respiratory Care, the American Academy of Sleep Medicine, and the American Thoracic Society. <b>2021</b> , 160, e389-e397	O
785	Discharge Plan to Promote Patient Safety and Shared Decision Making by a Multidisciplinary Team of Healthcare Professionals in a Respiratory Unit <b>2021</b> , 11, 590-599	О
784	Chronic Obstructive Pulmonary Disease Related to Wood and Other Biomass Smoke: A Different Phenotype or Specific Diseases?.	
783	Association between lung function and future risks of diabetes, asthma, myocardial infarction, hypertension and all-cause mortality. <b>2021</b> , 7,	O
	Serum Th-2 cytokines and FEV decline in WTC-exposed firefighters: A 19-year longitudinal study.	

781	The Reliability and Validity of the Brief ICF Core Set in Patients with Chronic Obstructive Pulmonary Disease. <b>2021</b> , 16, 2077-2087		
780	Relationship between Air Pollution and Hospital Admissions for Chronic Obstructive Pulmonary Disease in Changchun, China: A Season-Stratified Case-Cross Study. <b>2021</b> , 2021, 3240785	1	
779	Classification of COPD patients and compliance to recommended treatment in Greece according to GOLD 2017 report: the RELICO study. <b>2021</b> , 21, 216	1	
778	The Relationship Between Anxiety, Depression and Treatment Adherence in Chronic Obstructive Pulmonary Disease: A Systematic Review. <b>2021</b> , 16, 2001-2021	4	
777	Identification of Proteomic Signatures in Chronic Obstructive Pulmonary Disease Emphysematous Phenotype. <b>2021</b> , 8, 650604	1	
776	Cannabis Use, Pulmonary Function, and Lung Cancer Susceptibility: A Mendelian Randomization Study. <b>2021</b> , 16, 1127-1135	2	
775	A systematic analysis of protein-altering exonic variants in chronic obstructive pulmonary disease. <b>2021</b> , 321, L130-L143	2	
774	Assessment of physical functioning in patients with chronic obstructive pulmonary disease (COPD) requiring long-acting dual bronchodilation in routine clinical practice. <b>2021</b> , 47, 295-304	1	
773	Dysanapsis and the Spirometric Response to Inhaled Bronchodilators. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2021</b> , 204, 997-1001	10.2 1	
772	Prevalence and characteristics of chronic obstructive pulmonary disease in China with a diagnostic criterion of FEV/FVC less than the lower limit of normal-a reanalysis of Chinese epidemiological survey of COPD (CESCOPD) study. <b>2021</b> , 13, 4043-4053	0	
771	Adaptive Capacities and Complexity of Heart Rate Variability in Patients With Chronic Obstructive Pulmonary Disease Throughout Pulmonary Rehabilitation. <b>2021</b> , 12, 669722	1	
770	Case Managers Views on the Role of Respiratory Therapists in Discharge Planning. <b>2021</b> , 26, 217-221		
769	Association of obesity-related inflammatory pathways with lung function and exercise capacity. <b>2021</b> , 183, 106434	2	
768	Stakeholders' Views on Reducing Psychological Distress in Chronic Obstructive Pulmonary Disease. <b>2021</b> ,		
767	A randomised trial of a web-based physical activity self-management intervention in COPD. <b>2021</b> , 7,	3	
766	The central role of mitochondrial fitness on antiviral defenses: An advocacy for physical activity during the COVID-19 pandemic. <b>2021</b> , 43, 101976	10	
765	Application of BAP-65 Score for Risk Stratification of Acute Exacerbation of Chronic Obstructive Pulmonary Disease - A Prospective Observational Study in a Tertiary Care Institute in Telangana. <b>2021</b> , 8, 2667-2673		
764	Correlation of symptoms and physical activity level in chronic obstructive pulmonary disease patients: results from the observational SPACE study. <b>2021</b> , 1-8		

763	Comprehensive Care Management in Conjunction with Sputum Cytometry-Guided Pharmacotherapy in a Post-Discharge Clinic for Patients with COPD. <b>2021</b> , 18, 411-416	
762	Older age, disease severity and co-morbidities independently predict mortality in critically ill patients with COPD exacerbation. <b>2021</b> , 1-10	2
761	10 Year Follow-up of Lung Function, Respiratory Symptoms, and Functional Capacity in the COPDGene Study. <b>2021</b> ,	0
760	Predictors of impaired pulmonary function in people living with HIV in an urban African setting. <b>2021</b> , 22, 1252	1
759	THE ATTACK PROFILE IN CHRONIC OBSTRUCTIVE PULMONARY DISEASE: A RETROSPECTIVE STUDY.	
758	Biomarkers in Chronic Obstructive Pulmonary Disease: Emerging Roles of Eosinophils and Procalcitonin. <b>2021</b> , 1-9	Ο
757	Airflow obstruction, impaired lung function and risk of sudden cardiac death: a prospective cohort study. <b>2021</b> ,	4
756	Association between exposure to polycyclic aromatic hydrocarbons and lipid peroxidation in patients with chronic obstructive pulmonary disease. <b>2021</b> , 780, 146660	4
755	Impact of Caregiving Burden on Quality of Life of Caregivers of COPD Patients: The Chain Mediating Role of Social Support and Negative Coping Styles. <b>2021</b> , 16, 2245-2255	1
754	Impact of coexistent preserved ratio impaired spirometry on the survival of patients with lung cancer: Analysis of data from the Korean Association for Lung Cancer Registry. <b>2021</b> , 12, 2478-2486	2
753	Impaired Ciliary Beat Frequency and Ciliogenesis Alteration during Airway Epithelial Cell Differentiation in COPD. <b>2021</b> , 11,	1
752	COPD maintenance medication is linked to left atrial size: Results from the COSYCONET cohort. <b>2021</b> , 185, 106461	3
751	Prevalence of fatigue and associated factors among clinically stable patients with chronic obstructive pulmonary disease in Guizhou, China: A cross-sectional study. <b>2021</b> , 15, 1239-1247	1
750	Emergency admission parameters for predicting in-hospital mortality in patients with acute exacerbations of chronic obstructive pulmonary disease with hypercapnic respiratory failure. <b>2021</b> , 21, 258	2
749	Why do patients struggle with their medicines?-A phenomenological hermeneutical study of how patients experience medicines in their everyday lives. <b>2021</b> , 16, e0255478	0
748	Diallyl disulfide prevents cigarette smoke-induced emphysema in mice. <b>2021</b> , 69, 102053	1
747	Differences in transcriptome response to air pollution exposure between adult residents with and without chronic obstructive pulmonary disease in Beijing: A panel study. <b>2021</b> , 416, 125790	3
746	Oxidative Stress Promotes Corticosteroid Insensitivity in Asthma and COPD. <b>2021</b> , 10,	4

745 Almost complete airway occlusion due to an internal laryngocele. **2021**, 2021, omab067

744	Predicting treatment outcomes following an exacerbation of airways disease. <b>2021</b> , 16, e0254425	
743	COPD, Pulmonary Fibrosis and ILAs in Aging Smokers: The Paradox of Striking Different Responses to the Major Risk Factors. <b>2021</b> , 22,	1
742	Symptomatic response to CPAP in obstructive sleep apnea versus COPD- obstructive sleep apnea overlap syndrome: Insights from a large national registry. <b>2021</b> , 16, e0256230	1
741	Connecting GWAS Susceptibility Genes in COPD: Do We Need to Consider TGF-2?. 2021, 65, 468-470	
740	Long-term weight gain in obese COPD patients participating in a disease management program: a risk factor for reduced health-related quality of life. <b>2021</b> , 22, 226	1
739	The correlation between quadriceps muscle strength and endurance and exercise performance in patients with COPD. <b>2021</b> , 131, 589-600	1
738	Benefits, for patients with late stage chronic obstructive pulmonary disease, of being cared for in specialized palliative care compared to hospital. A nationwide register study. <b>2021</b> , 20, 130	O
737	Bildgebung bei chronisch obstruktiver Lungenerkrankung und Asthma. <b>2021</b> , 18, 280-296	
736	Susceptibility of individuals with lung dysfunction to systemic inflammation associated with ambient fine particle exposure: A panel study in Beijing. <b>2021</b> , 788, 147760	4
735	The Impact of Air Pollutants and Meteorological Factors on Chronic Obstructive Pulmonary Disease Exacerbations: A Nationwide Study. <b>2021</b> ,	O
734	Increased Serum Soluble Interleukin-2 Receptor Associated with Severity of Acute Exacerbation of Chronic Obstructive Pulmonary Disease. <b>2021</b> , 16, 2561-2573	1
733	Association of Occupational Exposure to Inhaled Agents in Operating Rooms With Incidence of Chronic Obstructive Pulmonary Disease Among US Female Nurses. <b>2021</b> , 4, e2125749	1
732	Initiative to Improve Evidence-Based Chronic Obstructive Pulmonary Disease Hospitalist Care Using a Novel On-Line Gamification Patient Simulation Tool: A Prospective Study. <b>2021</b> , 9,	
731	Switching to the Dry-Powder Inhaler Easyhaler: A Narrative Review of the Evidence. <b>2021</b> , 7, 409-427	1
730	Accelerated decline in lung function in adults with a history of remitted childhood asthma. 2021,	1
729	Periodontal status and chronic obstructive pulmonary disease (COPD) exacerbations: a systematic review. <b>2021</b> , 21, 425	О
728	A portable triboelectric spirometer for wireless pulmonary function monitoring. <b>2021</b> , 187, 113329	31

727	PD-1 and PD-L1 inhibitors foster the progression of adult T-cell Leukemia/Lymphoma. <b>2021</b> , 98, 107870	2
726	Comparison of the Effects of Beclomethasone Dipropionate and Budesonide in the Treatment of Children with Mild, Persistent Asthma. <b>2021</b> , 13, e17943	
725	Adherence to Inhaled Therapy in Patients with COPD Associated to Pneumoconiosis. 2021, 16, 2697-2706	1
724	Interventions to improve adherence to pharmacological therapy for chronic obstructive pulmonary disease (COPD). <b>2021</b> , 9, CD013381	3
723	Cigarette smoke extract combined with LPS down-regulates the expression of MRP2 in chronic pulmonary inflammation may be related to FXR. <b>2021</b> , 137, 174-186	1
722	Impact of Lung Function and Exacerbations on Health-Related Quality of Life in COPD Patients Within One Year: Real-World Analysis Based on Claims Data. <b>2021</b> , 16, 2637-2651	1
721	Metformin: Experimental and Clinical Evidence for a Potential Role in Emphysema Treatment.  American Journal of Respiratory and Critical Care Medicine, 2021, 204, 651-666	12
720	Effect of Methylation Status of lncRNA-MALAT1 and MicroRNA-146a on Pulmonary Function and Expression Level of COX2 in Patients With Chronic Obstructive Pulmonary Disease. <b>2021</b> , 9, 667624	4
719	Palliative care and pulmonary rehabilitation. <b>2021</b> , 132-144	0
718	Secondary Osteoporosis. 2021,	8
717	Factors associated with medication adherence among people living with COPD: Pharmacists' perspectives <b>2021</b> , 3, 100049	
716	Real-World Effectiveness of Inhalation Therapy Among Patients With Symptomatic COPD in China: A Multicenter Prospective Study. <b>2021</b> , 12, 753653	4
715	Prevalence and Population Attributable Risk for Early COPD in US Hispanics/Latinos. 2021,	1
714	Control of chronic obstructive pulmonary disease in urban populations: findings from a cross-sectional prevalence survey in Shenzhen, China. <b>2021</b> , 1	
713	Bronchodilator Response in Patients with COPD, Asthma-COPD-Overlap (ACO) and Asthma, Evaluated by Plethysmographic and Spirometric z-Score Target Parameters. <b>2021</b> , 16, 2487-2500	1
712	Prediction of lung emphysema in COPD by spirometry and clinical symptoms: results from COSYCONET. <b>2021</b> , 22, 242	1
711	Development, validation, and testing of a physiotherapist initiated checklist of items for implementing pulmonary rehabilitation in Nigeria. 2, 140-147	
710	Treatment Response Biomarkers in Asthma and COPD. <b>2021</b> , 11,	2

709	Does Health Literacy Reinforce Disease Knowledge Gain? A Prospective Observational Study of Hungarian COPD Patients. <b>2021</b> , 10,	Ο
708	Embedding a Behavior Change Program Designed to Reduce Sedentary Time Within a Pulmonary Rehabilitation Program Is Feasible in People With COPD. <b>2021</b> ,	Ο
707	Association between cardiovascular disease- and inflammation-related serum biomarkers and poor lung function in elderly. <b>2021</b> , 18, 23	1
706	Evaluation of Blood Markers at Admission for Predicting Community Acquired Pneumonia in Chronic Obstructive Pulmonary Disease. <b>2021</b> , 18, 557-566	2
705	Advanced human-relevant in vitro pulmonary platforms for respiratory therapeutics. <b>2021</b> , 176, 113901	9
704	Mesoporous silica nanoparticles for pulmonary drug delivery. <b>2021</b> , 177, 113953	8
703	Prevalence of Clinical COPD Phenotypes in Patients Who Are Candidates for Lung Transplantation, Complications and Post-Transplant Survival. <b>2021</b> , 3, 100133	
702	Behaviour change and physical activity interventions for physical activity engagement in community dwelling adults with chronic obstructive pulmonary disease: protocol for a systematic review <b>2021</b> , 4, 110	
701	Baicalin ameliorates cigarette smoke-induced airway inflammation in rats by modulating HDAC2/NF- <b>B</b> /PAI-1 signalling. <b>2021</b> , 70, 102061	5
700	Concurrent asthma and chronic obstructive pulmonary disease in adult ED patients: A national perspective. <b>2021</b> , 49, 216-225	
699	Prevalence of pulmonary embolism in patients with acute exacerbations of COPD: A systematic review and meta-analysis. <b>2021</b> , 50, 606-617	Ο
698	Is PM associated with emergency department visits for mechanical ventilation in acute exacerbation of chronic obstructive pulmonary disease?. <b>2021</b> , 50, 566-573	
697	Infective Exacerbations of Chronic Lung Disease. <b>2022</b> , 259-265	
696	Trajectories of COPD. <b>2022</b> , 611-620	
695	Analysis of retinal blood vessel diameters in patients with COPD undergoing a pulmonary rehabilitation program. <b>2022</b> , 139, 104238	Ο
694	SMAD3 rs36221701 T>C polymorphism impacts COPD susceptibility in the Kashi population. <b>2022</b> , 808, 145970	2
693	COMPARATIVE CHARACTERISTICS OF SOME HEMOSTASIS SYSTEM INDICES IN THE PATIENTS WITH COMPENSATED CHRONIC COR PULMONALE OF BRONCHO-PULMONARY GENESIS AND IN CONDITIONS OF ITS COMORBIDITY WITH HYPERTENSIVE DISEASE. <b>2021</b> , 1, 109	1
692	Prevalence of different comorbidities in chronic obstructive pulmonary disease among Shahrekord PERSIAN cohort study in southwest Iran. <b>2021</b> , 11, 1548	5

691	Comprehensive and Collaborative Pharmacist Transitions of Care Service for Underserved Patients with Chronic Obstructive Pulmonary Disease. <b>2021</b> , 8,	О
690	Does Evaluation and Management of COPD Follow Therapeutic Strategy Recommendations?. <b>2021</b> , 8, 230-242	3
689	Circulating white blood cells and lung function impairment: the observational studies and Mendelian randomization analysis. <b>2021</b> , 53, 1118-1128	1
688	[Use of exercise tests and physical training in pulmonary rehabilitation]. <b>2021</b> , 98, 64-70	О
687	Optimized combination of circulating biomarkers as predictors of prognosis in AECOPD patients complicated with Heart Failure. <b>2021</b> , 18, 1592-1599	3
686	Protocol Summary of the COPD Assessment in Primary Care To Identify Undiagnosed Respiratory Disease and Exacerbation Risk (CAPTURE) Validation in Primary Care Study. <b>2021</b> , 8,	6
685	Extracellular Vesicles from Airway Secretions: New Insights in Lung Diseases. <b>2021</b> , 22,	5
684	Correlation of Inflammatory Cells in Induced Sputum and Peripheral Blood of Patients with Acute Exacerbation of Chronic Obstructive Pulmonary Disease. <b>2021</b> , 11, 105-115	
683	Features of the quality of life in patients with a non-erosive form of gastroesophageal reflux disease with concomitant chronic obstructive pulmonary disease in young people. <b>2021</b> , 2021, 99-102	
682	Inhaled RNA Therapeutics for Obstructive Airway Diseases: Recent Advances and Future Prospects. <b>2021</b> , 13,	4
681	Chronic obstructive pulmonary disease in severe mental illness: A timely diagnosis to advance the process of quitting smoking. <b>2021</b> , 64, e22	4
680	Interventions to improve adherence to pharmacological therapy for chronic obstructive pulmonary disease (COPD).	1
679	Acute Exacerbations of Chronic Lung Disease: Cardiac Considerations. <b>2020</b> , 229-245	1
678	Pulmonary Hypertension Associated with Chronic Lung Diseases: Treatment Considerations. <b>2020</b> , 79-96	1
677	Technology to Enhance Engagement in Physical Activity. <b>2020</b> , 133-156	3
676	Do HIV-Infected Patients Die of Chronic Obstructive Pulmonary Disease in Western Countries?. <b>2019</b> , 55, 390-391	1
675	Assessment of Induced Sputum Cellularity in COPD Patients Belonging to Two Different Classes of Air Pollution Exposure. <b>2020</b> , 56, 214-217	2
674	Inhaler technique knowledge and skills before and after an educational program in obstructive respiratory disease patients: A real-life pilot study. <b>2020</b> ,	1

## (2020-2018)

673	A comprehensive care plan that reduces readmissions after acute exacerbations of COPD. <b>2018</b> , 141, 20-25	9
672	Adherence to GOLD Recommendations among Swiss Pulmonologists and General Practitioners. <b>2021</b> , 18, 9-15	3
671	Plasma Metabolomic Signatures of Chronic Obstructive Pulmonary Disease and the Impact of Genetic Variants on Phenotype-Driven Modules. <b>2020</b> , 3, 159-181	8
670	Nutritional Supplementation during Pulmonary Rehabilitation in COPD: A Systematic Review.	1
669	Expanded genetic landscape of chronic obstructive pulmonary disease reveals heterogeneous cell type and phenotype associations.	О
668	Anti-microbial immunity is impaired in COPD patients with frequent exacerbations.	1
667	Physical Exercise as an Immunomodulator of Chronic Diseases in Aging. <b>2020</b> , 17, 662-672	9
666	Web-based support for self-management strategies versus usual care for people with COPD in primary healthcare: a protocol for a randomised, 12-month, parallel-group pragmatic trial. <b>2019</b> , 9, e030788	5
665	Associations between gastro-oesophageal reflux disease and a range of diseases: an umbrella review of systematic reviews and meta-analyses. <b>2020</b> , 10, e038450	4
664	Relative contributions of family history and a polygenic risk score on COPD and related outcomes: COPDGene and ECLIPSE studies. <b>2020</b> , 7,	2
663	Advances in Pharmacological Actions and Mechanisms of Flavonoids from Traditional Chinese Medicine in Treating Chronic Obstructive Pulmonary Disease. <b>2020</b> , 2020, 8871105	7
662	Heme scavenging reduces pulmonary endoplasmic reticulum stress, fibrosis, and emphysema. <b>2018</b> , 3,	30
661	Elevated circulating MMP-9 is linked to increased COPD exacerbation risk in SPIROMICS and COPDGene. <b>2018</b> , 3,	19
660	Deep neural network analyses of spirometry for structural phenotyping of chronic obstructive pulmonary disease. <b>2020</b> , 5,	12
659	Airway fractal dimension predicts respiratory morbidity and mortality in COPD. <b>2018</b> , 128, 5374-5382	19
658	Aspiration and severe exacerbations in COPD: a prospective study. <b>2021</b> , 7,	4
657	Phenotypes and endotypes. 133-152	1
656	Lung function and systemic inflammation associated with short-term air pollution exposure in chronic obstructive pulmonary disease patients in Beijing, China. <b>2020</b> , 19, 12	31

655	A Low Lean-to-Fat Ratio Reduces the Risk of Acute Exacerbation of Chronic Obstructive Pulmonary Disease in Patients with a Normal or Low Body Mass Index. <b>2019</b> , 25, 5229-5236	4
654	Recent advances in understanding lung function development. <b>2017</b> , 6, 726	26
653	Variability in objective and subjective measures affects baseline values in studies of patients with COPD. <b>2017</b> , 12, e0184606	11
652	Absolute lung size and the sex difference in breathlessness in the general population. <b>2018</b> , 13, e0190876	19
651	Trabecular bone score in active or former smokers with and without COPD. <b>2019</b> , 14, e0209777	3
650	Clinical characteristics of Japanese patients with chronic obstructive pulmonary disease (COPD) with comorbid interstitial lung abnormalities: A cross-sectional study. <b>2020</b> , 15, e0239764	3
649	Obesity and Metabolic Abnormalities in Chronic Obstructive Pulmonary Disease. <b>2017</b> , 14, S389-S394	17
648	Personalization of Device Therapy - Prime Time for Peak Inspiratory Flow Rate. <b>2017</b> , 4, 172-176	4
647	Evaluation of Systemic Corticosteroids in Patients With an Acute Exacerbation of COPD and a Diagnosis of Pneumonia. <b>2018</b> , 5, 57-65	4
646	Mortality and Exacerbations by Global Initiative for Chronic Obstructive Lung Disease Groups ABCD: 2011 Versus 2017 in the COPDGene Cohort. <b>2019</b> , 6, 64-73	22
645	Revealing Methodological Challenges in Chronic Obstructive Pulmonary Disease Studies Assessing Comorbidities: A Narrative Review. <b>2019</b> , 6, 166-177	6
644	Chronic Bronchitis: Where Are We Now?. <b>2019</b> , 6, 178-192	6
643	Improvements in Lung Function with Nebulized Revefenacin in the Treatment of Patients with Moderate to Very Severe COPD: Results from Two Replicate Phase III Clinical Trials. <b>2019</b> , 6, 154-165	18
642	Spirometry Measurement of Peak Inspiratory Flow Identifies Suboptimal Use of Dry Powder Inhalers in Ambulatory Patients with COPD. <b>2019</b> , 6, 246-255	14
641	COPDGene 2019: Redefining the Diagnosis of Chronic Obstructive Pulmonary Disease. <b>2019</b> , 6, 384-399	61
640	Subtypes of COPD Have Unique Distributions and Differential Risk of Mortality. <b>2019</b> , 6, 400-413	13
639	The Association of Multiparity with Lung Function and Chronic Obstructive Pulmonary Disease-Related Phenotypes. <b>2020</b> , 7, 86-98	3
638	Design of the Redefining Therapy in Early COPD Study. <b>2020</b> , 7, 382-389	3

## (2020-2020)

637	Relationship between PI3K/mTOR/RhoA pathway-regulated cytoskeletal rearrangements and phagocytic capacity of macrophages. <b>2020</b> , 53, e9207	3
636	Key points in effective inhaler technique training for asthma and COPD patients. <b>2020</b> , 5, 027-029	1
635	Association of gene multiple variants with the risk for COPD and asthma in northern Han Chinese. <b>2019</b> , 11, 3220-3237	5
634	Cigarette smoke-induced lung inflammation in COPD mediated via CCR1/JAK/STAT /NF- <b>B</b> pathway. <b>2020</b> , 12, 9125-9138	3
633	Cigarette smoke extract induces airway epithelial cell death via repressing PRMT6/AKT signaling. <b>2020</b> , 12, 24301-24317	5
632	Copper-Heparin Inhalation Therapy To Repair Emphysema: A Scientific Rationale. <b>2019</b> , 14, 2587-2602	3
631	Management of the COPD Patient with Comorbidities: An Experts Recommendation Document. <b>2020</b> , 15, 1015-1037	18
630	First-Line Treatment with Tiotropium/Olodaterol Improves Physical Activity in Patients with Treatment-Nalle Chronic Obstructive Pulmonary Disease. <b>2020</b> , 15, 2115-2126	4
629	Carnosine and Lung Disease. <b>2020</b> , 27, 1714-1725	6
628	Absolute Blood Eosinophil Counts to Guide Inhaled Corticosteroids Therapy Among Patients with COPD: Systematic Review and Meta-analysis. <b>2019</b> , 20, 1670-1679	8
627	The Factors Predicting the Health-Related Quality of Life Among Persons with Chronic Obstructive Pulmonary Disease in Public Health Region 4, Thailand: A Mixed-Methods Study. <b>2020</b> , 13, 105-113	1
626	Lung Function in Users of a Smoke-Free Electronic Device With HeatSticks (iQOS) Versus Smokers of Conventional Cigarettes: Protocol for a Longitudinal Cohort Observational Study. <b>2018</b> , 7, e10006	5
625	Passive Monitoring of Short-Acting Beta-Agonist Use via Digital Platform in Patients With Chronic Obstructive Pulmonary Disease: Quality Improvement Retrospective Analysis. <b>2019</b> , 3, e13286	10
624	Perceptions of Home Telemonitoring Use Among Patients With Chronic Obstructive Pulmonary Disease: Qualitative Study. <b>2020</b> , 8, e16343	5
623	Perceptions of Patients Regarding Mobile Health Interventions for the Management of Chronic Obstructive Pulmonary Disease: Mixed Methods Study. <b>2020</b> , 8, e17409	5
622	Smartphone-Based Physical Activity Telecoaching in Chronic Obstructive Pulmonary Disease: Mixed-Methods Study on Patient Experiences and Lessons for Implementation. <b>2018</b> , 6, e200	34
621	Heart rate variability in sick sinus syndrome: does it have a diagnostic role?. <b>2019</b> , 67, 464-470	3
620	Regional air trapping in acute exacerbation of obstructive lung diseases measured with electrical impedance tomography: a feasibility study. <b>2020</b> , 86, 172-180	9

619	Effect of active cycle of breathing techniques in patients with chronic obstructive pulmonary disease: a systematic review of intervention. <b>2020</b> , 56, 625-632	1
618	[The concept of chronic obstructive pulmonary disease clinical control as a decision - making tool in real clinical practice for optimizing of basic pharmacotherapy]. <b>2020</b> , 92, 89-95	4
617	Knowledge, Attitude and Practice of Lebanese Community Pharmacists toward Chronic Obstructive Pulmonary Disease. <b>2020</b> , 10, 86-95	5
616	Association between Telomere-Related Polymorphisms and the Risk of IPF and COPD as a Precursor Lesion of Lung Cancer: Findings from the Fukuoka Tobacco-Related Lung Disease (FOLD) Registry. <b>2020</b> , 21, 667-673	4
615	Holistic services for people with advanced disease and chronic or refractory breathlessness: a mixed-methods evidence synthesis. <b>2019</b> , 7, 1-104	3
614	Clinical Role of the Chronic Obstructive Pulmonary Disease Assessment Test in Prediction of the Response to Treatment for Exacerbations. <b>2020</b> , 35, e10	1
613	Role of Lung Microbiome in Innate Immune Response Associated With Chronic Lung Diseases. <b>2020</b> , 7, 554	17
612	Novel Perspectives Regarding the Pathology, Inflammation, and Biomarkers of Acute Respiratory Distress Syndrome. <b>2020</b> , 22,	1
611	Health-Related Quality of Life and Related Factors in Persons with Preserved Ratio Impaired Spirometry: Data from the Korea National Health and Nutrition Examination Surve. <b>2020</b> , 57,	3
610	Effect of Tiotropium Soft Mist Inhalers on Dynamic Changes in Lung Mechanics of Patients with Chronic Obstructive Pulmonary Disease Receiving Mechanical Ventilation: A Prospective Pilot Study. <b>2020</b> , 13,	2
609	Expression and clinical significance of serum amyloid A and interleukin-6 in patients with acute exacerbation of chronic obstructive pulmonary disease. <b>2020</b> , 19, 2089-2094	2
608	Use of the modified Glasgow Coma Scale score to guide sequential invasive-noninvasive mechanical ventilation weaning in patients with AECOPD and respiratory failure. <b>2020</b> , 20, 1441-1446	3
607	Long non-coding RNA maternally expressed gene regulates cigarette smoke extract induced lung inflammation and human bronchial epithelial apoptosis via miR-149-3p. <b>2021</b> , 21, 60	5
606	Identification of clinically relevant subgroups of COPD based on airway and circulating autoantibody profiles. <b>2019</b> , 20, 2882-2892	2
605	Navigating Symptom Management in Heart Failure: The Crucial Role of the Critical Care Nurse. <b>2020</b> , 40, 55-63	2
604	Determinants of self-reported adherence to inhaler therapy in patients with chronic obstructive pulmonary disease. <b>2020</b> , 15, 654	2
603	Correcting inhaler technique decreases severity of obstruction and improves quality of life among patients with obstructive airway disease. <b>2019</b> , 8, 246-250	3
602	Osteoporosis among Patients with Chronic Obstructive Pulmonary Disease: Systematic Review and Meta-analysis of Prevalence, Severity, and Therapeutic Outcomes. <b>2019</b> , 11, 310-320	10

601	The Mysuru stUdies of Determinants of Health in Rural Adults (MUDHRA), India. 2018, 40, e2018027	9
600	Sit to Stand Test: A Simple Functional Performance Test to Assess the Exercise Capacity in Chronic Obstructive Pulmonary Disease Patients and its Correlation with Severity of the Disease. <b>2018</b> , 3, 1-4	1
599	Comparison of Compliance Rates and Treatment Efficiency in Home-Based with Hospital-Based Pulmonary Rehabilitation in COPD. <b>2019</b> , 20, 192-197	3
598	Self-Management Training in Chronic Obstructive Lung Disease Improves the Quality of Life. <b>2020</b> , 21, 266-273	5
597	Effects of Different Modes of Upper Limb Training in Individuals With Chronic Obstructive Pulmonary Disease: A Systematic Review and Meta-Analysis. <b>2019</b> , 43, 592-614	6
596	Effects of cardiopulmonary bypass on pulmonary function in COPD patients undergoing beating heart coronary artery bypass surgery. <b>2019</b> , 30, 1-5	2
595	Association Between the Results of the Timed Up-and-Go Test Adjusted for Disease Severity and Sarcopenia in Patients with Chronic Obstructive Pulmonary Disease: a Pilot Study. <b>2019</b> , 74, e930	1
594	Prevalence of chronic obstructive pulmonary disease at high altitude: a systematic review and meta-analysis. <b>2020</b> , 8, e8586	2
593	The Impact of Interprofessional Monitoring and Education on the Usage of Systemic Glucocorticoids in Acute Exacerbations of Chronic Obstructive Pulmonary Disease: A Retrospective, Medication Use Review. <b>2019</b> , 11, e6224	1
592	Pulmonary rehabilitation for COPD: A narrative review and call for further implementation in Saudi Arabia. <b>2021</b> , 16, 299-305	3
591	Lung microbiome of stable and exacerbated COPD patients in Tshwane, South Africa. <b>2021</b> , 11, 19758	1
590	Novel pharmacological strategies to treat cognitive dysfunction in chronic obstructive pulmonary disease. <b>2021</b> , 108017	2
589	One-Year Readmission Following Undifferentiated Acute Hypercapnic Respiratory Failure. <b>2021</b> , 1-10	1
588	Narrative Literature Review Guided Approach of Inhaled Corticosteroid de-escalation in Chronic Obstructive Pulmonary Disease. <b>2021</b> , 8971900211053771	
587	Blood Cadmium Levels and Oxygen Desaturation during the 6-Minute Walk Test in Patients with Chronic Obstructive Pulmonary Disease. <b>2021</b> , 57,	
586	Effects of exposure to ambient air pollution on pulmonary function impairment in South Korea: Korea National Health and Nutritional Examination Survey. <b>2021</b> , e2021082	1
585	An independently validated, portable algorithm for the rapid identification of COPD patients using electronic health records. <b>2021</b> , 11, 19959	1
584	ERS Clinical Practice Guidelines: High-flow nasal cannula in acute respiratory failure. 2021,	13

583	Identification of common microRNA between COPD and non-small cell lung cancer through pathway enrichment analysis. <b>2021</b> , 22, 41	6
582	Role of the Emphysema Index Combined with the Chronic Obstructive Pulmonary Disease Assessment Test Score in the Evaluation of Chronic Obstructive Pulmonary Disease. <b>2021</b> , 2021, 9996305	
581	Serum cadmium positively correlates with inflammatory cytokines in patients with chronic obstructive pulmonary disease. <b>2022</b> , 37, 151-160	3
580	The relationship between vertebral deformities and thoracic arthropathy with back pain in Chronic Obstructive Pulmonary Disease. <b>2021</b> , e14953	O
579	Cellular senescence-an aging hallmark in chronic obstructive pulmonary disease pathogenesis. <b>2021</b>	1
578	Human Adipose-Derived Mesenchymal Stem Cells Ameliorate Elastase-Induced Emphysema in Mice by Mesenchymal-Epithelial Transition. <b>2021</b> , 16, 2783-2793	3
577	Extracellular release of mitochondrial DNA is triggered by cigarette smoke and is detected in COPD.	
576	The molecular and cellular mechanisms associated with the destruction of terminal bronchioles in chronic obstructive pulmonary disease. <b>2021</b> ,	1
575	An initial evaluation of the safety of a disposable oscillating positive expiratory pressure device in patients with chronic obstructive pulmonary disease: a sort-term pilot study. <b>2021</b> , 21, 326	0
574	Emerging cellular and molecular interactions between the lung microbiota and lung diseases. <b>2021</b> , 1-34	Ο
573	Use of Singing for Lung Health as an alternative training modality within pulmonary rehabilitation for COPD: an RCT. <b>2021</b> ,	5
572	Tiotropium Bromide Attenuates Mucus Hypersecretion in Patients with Stable Chronic Obstructive Pulmonary Disease. <b>2021</b> , 2021, 1341644	1
571	Prediction of readmission in patients with acute exacerbation of chronic obstructive pulmonary disease within one year after treatment and discharge. <b>2021</b> , 21, 320	3
570	Can static hyperinflation predict exercise capacity in COPD?. <b>2021</b> ,	
569	X-ray dark field imaging: a tool for early diagnosis of emphysema in chronic obstructive pulmonary disease?. <b>2021</b> , 3, e691-e692	
568	Study on pharmacokinetics of eight active compounds from Bufei-Huoxue Capsule based on UHPLC-MS/MS. <b>2021</b> , 1184, 122974	1
567	Changing lung function and associated health-related quality-of-life: A five-year cohort study of Malawian adults. <b>2021</b> , 41, 101166	2
566	Sorting Out the Mechanisms of Benefit of High Flow Nasal Cannula in Stable COPD. <b>2017</b> , 4, 259-261	3

Invited Review Series Introduction. 2017, 14, 344-345 565 Reply: Lung Function Abnormalities in Smokers with Ischemic Heart Disease. American Journal of 564 10.2 Respiratory and Critical Care Medicine, 2017, 195, 1537-1538 Pulmonary function impairment predicted poor prognosis of patients with hepatocellular 563 1 carcinoma after hepatectomy. 2017, 8, 75326-75335 Systemic Markers of Adaptive and Innate Immunity Are Associated with COPD Severity and 562 Spirometric Disease Progression. A Long-acting Muscarinic Antagonist (LAMA) Added to an Inhaled Corticosteroid and Long-acting 561 Beta-2 Agonist Versus LAMA Alone in Moderate-to-severe Chronic Obstructive Pulmonary Disease:. **2018**, 30, 1-9 Neue Arzneimittel 2017. 2018, 53-148 560 EOSINOPHILS AS A NON-INVASIVE MARKER TO ASSESS INFLAMMATORY ACTIVITIES IN THOSE 559 SLIEFFRING FROM CHRONIC ORSTRUCTIVE PLILMONARY DISEASE 2018, 96, 54-61

<i>339</i>	SUFFERING FROM CHRONIC OBSTRUCTIVE PULMONARY DISEASE. <b>2018</b> , 96, 54-61	2
558	Volumetric Texture Analysis Based on Three-Dimensional Gaussian Markov Random Fields for COPD Detection. <b>2018</b> , 153-164	o
557	Internet Health Behaviors of Patients with Chronic Obstructive Pulmonary Disease and Assessment of Two Disease Websites. <b>2018</b> , 5, 158-166	4
556	COMPARATIVE CHARACTERISTICS OF THE ENDOTHELIAL FUNCTIONAL INDICES IN THE PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE IN THE PRESENCE OF COMORBIDITY. <b>2018</b> , 1.2, 179	
555	Smartphone-Based Physical Activity Telecoaching in Chronic Obstructive Pulmonary Disease: Mixed-Methods Study on Patient Experiences and Lessons for Implementation (Preprint).	
554	[Chronic cerebral ischemia in obstructive pulmonary diseases]. 2018, 118, 105-111	
553	Opioids for breathlessness: Psychological and neural factors influencing response variability.	
552	COPD, metabolic syndrome, respiratory symptoms, and functional incapacity in smokers, ex-smokers, and never-smokers aged 40-59 in Almaty, Kazakhstan: a cross-sectional study. 7, 688	
551	Noninvasive ventilation and inhalational nebulized therapy in the intensive care of acute exacerbation of chronic obstructive pulmonary disease. <b>2018</b> , 28, 313-317	1
550	An 2018 update of personalised Czech COPD guidelines; a country specificconsensus of The Czech Pneumological and Phthiseological Society. <b>2018</b> , 15, 127-133	
549	Relation of Indices of Lung Hyperinflation to Dyspnea in Patients with Chronic Obstructive Pulmonary Disease: A Physiologic Assessment and Discussion. <b>2019</b> , 09, 75-88	
548	Post coronary artery bypass graft surgery thyroid storm arre endocrinological emergency. <b>2019</b> , 12, 28-29	

547	Passive Monitoring of Short-Acting Beta-Agonist Use via Digital Platform in Patients With Chronic Obstructive Pulmonary Disease: Quality Improvement Retrospective Analysis (Preprint).	
546	Effect of exercise based cardiac rehabilitation on patients with coronary artery disease and chronic obstructive pulmonary disease. <b>2019</b> , 12, 21-26	O
545	Pneumologie. <b>2019</b> , 457-525	
544	COMPARATIVE CHARACTERISTICS OF BRONCHIAL PATENCY INDICES IN THE PATIENTS WITH CHRONIC COR PULMONALE OF BRONCHO-PULMONARY GENESIS IN CONDITIONS OF COMORBIDITY WITH HYPERTENSIVE DISEASE. <b>2019</b> , 1, 148	
543	Factors Affecting Respiratory Unit Nurses\self-Rated Ability to Care for Patients with Chronic Obstructive Pulmonary Disease. <b>2019</b> , 65, 149-156	
542	Analysis of genetically driven alternative splicing identifies FBXO38 as a novel COPD susceptibility gene.	
541	Arterial hypertension and chronic obstructive pulmonary disease: clinical characteristics and treatment efficasy (according to the national register of arterial hypertension). <b>2019</b> , 91, 4-10	9
540	Evaluation of relationship between obesity and asthma severity. <b>2018</b> , 15, 44-47	1
539	The Role of Revefenacin in Chronic Obstructive Pulmonary Disease. <b>2019</b> , 11, e4428	O
538	Assessing Quality of Pharmacist-Led Education for Patients with COPD Using the Lung Information Needs Questionnaire: A Pilot Study. <b>2019</b> , 10,	O
537	Diaphragmatic Central Motor Conduction Changes In Chronic Obstructive Pulmonary Disease.	
536	The Acute COPD Exacerbation Prediction Tool (ACCEPT): development and external validation study of a personalised prediction model.	
535	ASSOCIATION OF HLA HAPLOTYPES WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE IN CONDITIONS OF ORGANIC- SILICON MANUFACTURE. <b>2019</b> , 21, 293-302	
534	CHRONIC OBSTRUCTIVE PULMONARY DISEASE IN WOMEN. <b>2019</b> , 1-1	1
533	Investigation of the interrelationships of levels of brain natriuretic peptide with frequency of exacerbations and the degree of limitation of air flow in patients with chronic obstructive pulmonary disease. <b>2019</b> , 93-96	
532	Tissue-Mimicking Materials for Cardiac Imaging PhantomBection 2: From Fabrication to Optimization. <b>2020</b> , 35-63	
531	Advances in Inhaled Medications. <b>2020</b> , 91-106	
530	Perceptions of Home Telemonitoring Use Among Patients With Chronic Obstructive Pulmonary Disease: Qualitative Study (Preprint).	

529	Lung Volume Reduction Surgery in Patients with Heterogenous Emphysema: Selecting Perspective. <b>2019</b> , 7, 4389-4392	
528	THE QUALITY LIFE IN PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE COMBINED WITH ARTERIAL HYPERTENSION. <b>2019</b> , 43, 4-9	
527	Letter to the Editor: Response by Authors. <b>2020</b> , 7, 82-85	
526	The Effects of the Family-oriented Empowerment Model on the Fatigue Level of the Patients with Chronic Obstructive Pulmonary Disease Admitted to the Hospitals Affiliated to Shahrekord University of Medical Sciences, Iran (2018). <b>2020</b> , 32, 30-40	
525	Age and Attitudes Towards an Internet-Mediated, Pedometer-Based Physical Activity Intervention for Chronic Obstructive Pulmonary Disease: Secondary Analysis (Preprint).	
524	Studying Effects of Cigarette Smoke on Pseudomonas Infection in Lung Epithelial Cells. 2020,	O
523	Lung cancer and chronic obstructive pulmonary disease association: epidemiology, diagnostic and treatment aspects. <b>2020</b> , 69, 22-28	
522	Effects of and barriers to hospital-based pulmonary rehabilitation in patients with chronic obstructive pulmonary disease. <b>2020</b> , 9, 82-89	1
521	Lung volume reduction lbld and new approaches. <b>2020</b> , 419-437	
<b>53</b> 0	Arterial stiffness can occur early in mild-to-moderate chronic obstructive pulmonary disease. <b>2020</b> ,	
520	14,	
519	14,  Relative Contributions of Family History and a Polygenic Risk Score on COPD and Related Outcomes: COPDGene and ECLIPSE studies.	
	Relative Contributions of Family History and a Polygenic Risk Score on COPD and Related	O
519	Relative Contributions of Family History and a Polygenic Risk Score on COPD and Related Outcomes: COPDGene and ECLIPSE studies.  Correlation between quantitative multi-detector computed tomography lung analysis and	O
519 518	Relative Contributions of Family History and a Polygenic Risk Score on COPD and Related Outcomes: COPDGene and ECLIPSE studies.  Correlation between quantitative multi-detector computed tomography lung analysis and pulmonary function tests in chronic obstructive pulmonary disease patients. 2020, 51,	0
519 518 517	Relative Contributions of Family History and a Polygenic Risk Score on COPD and Related Outcomes: COPDGene and ECLIPSE studies.  Correlation between quantitative multi-detector computed tomography lung analysis and pulmonary function tests in chronic obstructive pulmonary disease patients. 2020, 51,  Mobile device: a useful tool to teach inhaler devices to healthcare professionals. (Preprint).  The Relationship Between Chronic Obstructive Pulmonary Disease and Cerebral Small Vessel Disease Assessed by Magnetic Resonance Imaging: A Case-Control Study from a Single Center in	
519 518 517 516	Relative Contributions of Family History and a Polygenic Risk Score on COPD and Related Outcomes: COPDGene and ECLIPSE studies.  Correlation between quantitative multi-detector computed tomography lung analysis and pulmonary function tests in chronic obstructive pulmonary disease patients. 2020, 51,  Mobile device: a useful tool to teach inhaler devices to healthcare professionals. (Preprint).  The Relationship Between Chronic Obstructive Pulmonary Disease and Cerebral Small Vessel Disease Assessed by Magnetic Resonance Imaging: A Case-Control Study from a Single Center in Beijing, China. 2020, 26, e925703  Impact of gender on chronic obstructive pulmonary disease outcomes: a propensity score-matched	
519 518 517 516 515	Relative Contributions of Family History and a Polygenic Risk Score on COPD and Related Outcomes: COPDGene and ECLIPSE studies.  Correlation between quantitative multi-detector computed tomography lung analysis and pulmonary function tests in chronic obstructive pulmonary disease patients. 2020, 51,  Mobile device: a useful tool to teach inhaler devices to healthcare professionals. (Preprint).  The Relationship Between Chronic Obstructive Pulmonary Disease and Cerebral Small Vessel Disease Assessed by Magnetic Resonance Imaging: A Case-Control Study from a Single Center in Beijing, China. 2020, 26, e925703  Impact of gender on chronic obstructive pulmonary disease outcomes: a propensity score-matched analysis of a prospective cohort study. 2020, 35, 1154-1163  Glutathione Peroxidase in Stable Chronic Obstructive Pulmonary Disease: A Systematic Review and	O
519 518 517 516 515	Relative Contributions of Family History and a Polygenic Risk Score on COPD and Related Outcomes: COPDGene and ECLIPSE studies.  Correlation between quantitative multi-detector computed tomography lung analysis and pulmonary function tests in chronic obstructive pulmonary disease patients. 2020, 51,  Mobile device: a useful tool to teach inhaler devices to healthcare professionals. (Preprint).  The Relationship Between Chronic Obstructive Pulmonary Disease and Cerebral Small Vessel Disease Assessed by Magnetic Resonance Imaging: A Case-Control Study from a Single Center in Beijing, China. 2020, 26, e925703  Impact of gender on chronic obstructive pulmonary disease outcomes: a propensity score-matched analysis of a prospective cohort study. 2020, 35, 1154-1163  Glutathione Peroxidase in Stable Chronic Obstructive Pulmonary Disease: A Systematic Review and Meta-analysis. 2021, 10,  Pulmonary Dysfunction Augmenting Bacterial Aerosols in Leather Tanneries of Punjab, Pakistan.	O

511	Circulating Extracellular Vesicles Are Associated with Disease Severity and Interleukin-6 Levels in COPD: A Pilot Study. <b>2021</b> , 10,	2
510	Clinical Impact of the Bronchiectasis with Chronic Bronchitis Symptoms in COPD: Analysis of a Longitudinal Cohort. <b>2021</b> , 16, 2997-3008	O
509	Genetics and Pharmacogenetics of COPD. <b>2020</b> , 39-55	
508	When should we use corticosteroids in severe community-acquired pneumonia?. 2021, 34, 169-174	1
507	Higher serum vitamin D levels are associated with decreased odds of obstructive lung disease in the general population: an NHANES analysis (2007-2008 to 2009-2010). <b>2020</b> , 7,	1
506	The Impact of COPD Exacerbations in the Year Following Pulmonary Rehabilitation: Secondary Analysis of a Randomised Controlled Trial. <b>2020</b> , 15, 3423-3431	1
505	MiR-218 Inhibits CSE-Induced Apoptosis and Inflammation in BEAS-2B by Targeting BRD4. <b>2020</b> , 15, 3407-3416	1
504	[Palliative Sedation at the End of Life: A Comparative Study of Chronic Obstructive Pulmonary Disease and Lung Cancer Patients]. <b>2021</b> , 100, 1-10	4
503	Efficacy and safety of anti-interleukin-5 therapy in patients with chronic obstructive pulmonary disease: A meta-analysis of randomized, controlled trials. <b>2020</b> ,	4
502	Preoperative Evaluation: Assessment of Preoperative Risk. <b>2022</b> , 115-124	
501	Prognosis Following Acute Exacerbation of COPD Treated with Non-invasive Mechanical Ventilation. <b>2020</b> , 273-277	
500	The Relationship Between the Risk of Aspiration Pneumonia and the Risk of Aspiration: Aspiration Risk and Aspiration Pneumonia Risk Are Not the Same?. <b>2020</b> , 87-95	O
499	Defining Patient Engagement, Health Behavior Change, and Disease Self-Management. <b>2020</b> , 1-14	
498	Systematic review and meta-analysis of shenfu injection on treating acute exacerbation of chronic obstructive pulmonary disease. <b>2020</b> , 6, 276	2
497	Seeing the world through different lenses: activity registration differs between two validated accelerometers. <b>2020</b> , 6,	
496	Functionalized nanoparticles in pulmonary disease diagnosis. <b>2020</b> , 303-321	
495	Editorial: Risk Prediction in Smokers. <b>2020</b> , 7, 297-299	
494	COPD. <b>2020</b> , 59-64	

493	The Burden of Cough and Phlegm in People With COPD: A COPD Patient-Powered Research Network Study. <b>2020</b> , 7, 49-59		4
492	Chronic Obstructive Pulmonary Disease: An Update on Therapeutics and Pathophysiological Understanding. <b>2020</b> , 157-180		
491	Handgrip strength and its relation to isokinetic dynamometry in COPD. 33,		0
490	Underlying pathway of factors leading to mental health in Iranian young adolescents: A structural equation modeling. <b>2020</b> , 25, 75		
489	An integrated intervention for chronic care management in rural Nepal: protocol of a type 2 hybrid effectiveness-implementation study. <b>2020</b> , 21, 119		1
488	COMPARATIVE CHARACTERISTICS OF SOME LIPID METABOLISM AND ENDOTHELIAL FUNCTION INDICES IN THE PATIENTS WITH COMPENSATED CHRONIC COR PULMONALE OF BRONCHO-PULMONARY GENESIS AND IN CONDITIONS OF ITS COMORBIDITY WITH		
487	Daily Integrated Care Conferences to Reduce Length of Hospital Stay for Patients With Chronic Obstructive Pulmonary Disease. <b>2020</b> , 120, 144-152		0
486	The Effect of Glucocorticoids in Combination with Azithromycin or Theophylline on Cytokine Production by NK and NKT-Like Blood Cells of Patients with Chronic Obstructive Pulmonary Disease. <b>2021</b> , 15, 337-344		1
485	Comprehensive care programmes in chronic obstructive pulmonary disease: a systematic review and meta-analysis of randomized controlled trials and real-world studies.		
484	Extracellular Vesicles as Central Mediators of COPD Pathophysiology. 2021,		1
484	Extracellular Vesicles as Central Mediators of COPD Pathophysiology. 2021,  Interstitial Lung Abnormalities, Emphysema and Spirometry in Smokers. 2021,		1
		10.2	1
483	Interstitial Lung Abnormalities, Emphysema and Spirometry in Smokers. <b>2021</b> ,  Development of A Blood-Based Transcriptional Risk Score for Chronic Obstructive Pulmonary	10.2	1
483	Interstitial Lung Abnormalities, Emphysema and Spirometry in Smokers. 2021,  Development of A Blood-Based Transcriptional Risk Score for Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2021,	10.2	1
483 482 481	Interstitial Lung Abnormalities, Emphysema and Spirometry in Smokers. 2021,  Development of A Blood-Based Transcriptional Risk Score for Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021,  Burden of Comorbidities in Patients with OSAS and COPD-OSAS Overlap Syndrome. 2021, 57,  Liraglutide Improves Forced Vital Capacity in Individuals With Type 2 Diabetes: Data From the	10.2	1 1 0
483 482 481 480	Interstitial Lung Abnormalities, Emphysema and Spirometry in Smokers. 2021,  Development of A Blood-Based Transcriptional Risk Score for Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2021,  Burden of Comorbidities in Patients with OSAS and COPD-OSAS Overlap Syndrome. 2021, 57,  Liraglutide Improves Forced Vital Capacity in Individuals With Type 2 Diabetes: Data From the Randomized Cross-Over LIRALUNG Study. 2021,  FACTORS AFFECTING ADHERENCE TO RECOMMENDED MEDICATIONS AMONG PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE (COPD) IN A SELECTED TEACHING HOSPITAL, SRI	10.2	1 1 0
483 482 481 480 479	Interstitial Lung Abnormalities, Emphysema and Spirometry in Smokers. 2021,  Development of A Blood-Based Transcriptional Risk Score for Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2021,  Burden of Comorbidities in Patients with OSAS and COPD-OSAS Overlap Syndrome. 2021, 57,  Liraglutide Improves Forced Vital Capacity in Individuals With Type 2 Diabetes: Data From the Randomized Cross-Over LIRALUNG Study. 2021,  FACTORS AFFECTING ADHERENCE TO RECOMMENDED MEDICATIONS AMONG PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE (COPD) IN A SELECTED TEACHING HOSPITAL, SRI LANKA. 2019, 7, 16-29	10.2	1 1 0

475	Are health conditions and concerns about health effects of smoking predictive of quitting? Findings from the ITC 4CV Survey ( 2016-2018 ). <b>2020</b> , 6, 60	1
474	Spirometry Assessment and Correlation With Postoperative Pulmonary Complications in Cardiac Surgery Patients. <b>2020</b> , 12, e11105	1
473	Bristol KOAH Bilgi Dīleyi Soru Formuliun Tīlki Versiyonunun Gelirlik ve Glienirlili	
472	Age and Attitudes Towards an Internet-Mediated, Pedometer-Based Physical Activity Intervention for Chronic Obstructive Pulmonary Disease: Secondary Analysis. <b>2020</b> , 3, e19527	2
471	Features of remodeling of the right heart in comorbid patients with chronic heart failure. <b>2020</b> , 1, 28-37	
470	Ebselen prevents cigarette smoke-induced gastrointestinal dysfunction in mice. <b>2020</b> , 134, 2943-2957	1
469	Serum Vitamin D Levels Are Not Associated with Obstructive Lung Disease in the General Population: An NHANES Analysis (2007-2008 to 2009-2010).	
468	Are there differences in muscular activation to maintain balance between individuals with chronic obstructive pulmonary disease and controls?. <b>2020</b> , 173, 106016	2
467	Machine Learning Methods for the Diagnosis of Chronic Obstructive Pulmonary Disease in Healthy Subjects: Retrospective Observational Cohort Study (Preprint).	
466	[Effect of A High Intensive Preoperative Rehabilitation on the Perioperative ?Complications in Patients with Chronic Obstructive Pulmonary Disease Eligible ?for Lung Cancer Surgery]. <b>2018</b> , 21, 841-848	2
465	Association of Bile Acid and Pepsin Micro-aspiration with Chronic Obstructive Pulmonary Disease Exacerbation. <b>2019</b> , 18, 52-57	
464	[Neutrophil to lymphocyte ratio as a predictor for type 2 diabetes mellitus in patients with chronic obstructive pulmonary disease: a cohort study of 404 cases]. <b>2017</b> , 37, 1308-1314	2
463	[Delayed diagnosis is associated with greater disease severity of chronic obstructive pulmonary disease]. <b>2018</b> , 38, 1448-1452	1
462	Trait Insights Gained by Comparing Genome-Wide Association Study Results using Different Chronic Obstructive Pulmonary Disease Definitions. <b>2020</b> , 2020, 278-287	1
461	Risk factors related to the recurrence of pneumothorax in patients with emphysema. <b>2020</b> , 12, 5802-5810	
460	Validity and Reliability of COPD-6 Device for Detecting Chronic Obstructive Pulmonary Disease in High-Risk Individuals. <b>2020</b> , 19, 201-207	3
459	A novel macrolide derivative ameliorates smoke-induced inflammation and emphysema by inhibiting NF- <b>B</b> activation. <b>2021</b> , 13, 1209-1220	
458	Effect of internet-based self-management on pulmonary function rehabilitation and living quality in patients with chronic obstructive pulmonary disease. <b>2021</b> , 13, 5224-5231	O

457	The effect of adjuvant therapy with ambroxol hydrochloride in elderly chronic obstructive pulmonary disease patients. <b>2021</b> , 13, 9285-9295	
456	The association of blood urea nitrogen levels upon emergency admission with mortality in acute exacerbation of chronic obstructive pulmonary disease. <b>2021</b> , 18, 14799731211060051	2
455	Environmental cadmium positively correlates with autophagy and apoptosis in chronic obstructive pulmonary disease patients. <b>2022</b> , 13, 101275	O
454	The role of long-acting muscarinic antagonist/long-acting lagonist fixed-dose combination treatment for chronic obstructive pulmonary disease in China: a narrative review <b>2021</b> , 13, 6453-6467	1
453	Assessing the Impact of Gender and COPD on the Incidence and Mortality of Hospital-Acquired Pneumonia. A Retrospective Cohort Study Using the Spanish National Discharge Database (2016-2019). <b>2021</b> , 10,	1
452	Treatable Traits in COPD - A Proposed Approach. <b>2021</b> , 16, 3167-3182	1
451	Evaluation of the cross-sectional area of small pulmonary vessels in the diagnosis of chronic obstructive pulmonary disease by quantitative computed tomography: A case-control study. <b>2021</b> , 100, e27622	
450	A Risk Prediction Model for Prolonged Length of Stay in Patients with Acute Exacerbations of Chronic Obstructive Pulmonary Disease: A Retrospective Study of 225 Patients in a Single Center in Kunming, China <b>2022</b> , 28, e934392	
449	Alternative poly-adenylation modulates <b>4</b> -antitrypsin expression in chronic obstructive pulmonary disease. <b>2021</b> , 17, e1009912	1
448	Assistive technologies for home NIV in patients with COPD: feasibility and positive experience with remote-monitoring and volume-assured auto-EPAP NIV mode. <b>2021</b> , 8,	O
447	CC16 deficiency in the context of early life infection results in augmented airway responses in adult mice. <b>2021</b> , IAI0054821	
446	Beta-blocker use in patients with chronic obstructive pulmonary disease: A systematic review: A systematic review of <b>B</b> in COPD. <b>2021</b> ,	O
445	The association between periodontitis and lung function: results from NHANES 2009-2012. 2021,	O
444	Associations of self-reported chronic obstructive pulmonary disease with indicators of economic instability and stress - 16 states, 2017. <b>2021</b> , 17423953211059144	
443	Differences in the clinical characteristics of chronic pulmonary aspergillosis according to spirometric impairment. <b>2021</b> , 16, e0260274	
442	Annual Body Weight Change and Prognosis in Chronic Obstructive Pulmonary Disease. <b>2021</b> , 16, 3243-3253	
441	Application of pulmonary rehabilitation in patients with pulmonary embolism (Review) 2022, 23, 96	О
440	Dietary nitrate supplementation to enhance exercise capacity in hypoxic COPD: EDEN-OX, a double-blind, placebo-controlled, randomised cross-over study. <b>2021</b> ,	1

439	N-Acetylcysteine (NAC) Inhibits Synthesis of IL-18 in Macrophage by Suppressing NLRP3 Expression to Reduce the Production of IFN- from NK Cells <b>2021</b> , 2021, 7596343	1
438	Walking distance in incremental shuttle walking test as a predictor of physical activity in patients diagnosed with low-risk chronic obstructive pulmonary disease <b>2021</b> , 9, 20503121211064716	
437	Effects of Person-Centered Care Using a Digital Platform and Structured Telephone Support for People With Chronic Obstructive Pulmonary Disease and Chronic Heart Failure: Randomized Controlled Trial (Preprint).	
436	Liquiritigenin enhances cyclic adenosine monophosphate production to mitigate inflammation in dendritic cells <b>2021</b> , 35, 20587384211038098	1
435	Polysomnography findings of patients with overlap syndrome according to severity of lower airway obstruction <b>2021</b> , 26, 130	О
434	Predictors of Influenza PCR Positivity in Acute Exacerbations of Chronic Obstructive Pulmonary Disease <b>2022</b> , 17, 25-32	O
433	Optimization and Application of an Efficient and Stable Inhalation Exposure System for Rodents <b>2022</b> , 23, 50	
432	Point-of-care COPD diagnostics: biomarkers, sampling, paper-based analytical devices, and perspectives <b>2022</b> ,	1
431	Tailored patient self-management and supervised, home-based, pulmonary rehabilitation for mild and moderate chronic obstructive pulmonary disease <b>2022</b> , 34, 49-59	0
430	Risk factors in air pollution exposome contributing to higher levels of TNF#n COPD patients <b>2021</b> , 159, 107034	O
429	Icaritin inhibited cigarette smoke extract-induced CD8 T cell chemotaxis enhancement by targeting the CXCL10/CXCR3 axis and TGF-//Smad2 signaling <b>2022</b> , 96, 153907	O
428	Safety evaluation of revefenacin at the approved dose in patients with chronic obstructive pulmonary disease: A meta-analysis. <b>2021</b> , 52, 52-60	O
427	Risk factors related to the recurrence of pneumothorax in patients with emphysema. <b>2020</b> , 12, 5802-5810	
426	Copd Detection Using Three-Dimensional Gaussian Markov Random Fields Based On Binary Features. <b>2020</b> ,	
425	The clinical utility of forced oscillation technique during hospitalisation in patients with exacerbation of COPD <b>2021</b> , 7,	
424	Characteristics of length of stay and cardiovascular pharmacotherapy advice among chronic obstructive pulmonary disease patients <b>2021</b> , 104, 368504211066003	
423	Respiratory symptoms (COPD Assessment Test and modified Medical Research Council dyspnea scores) and GOLD-ABCD COPD classification: the LASSYC study. <b>2021</b> , 47, e20210156	О
422	Advanced In Vitro Lung Models for Drug and Toxicity Screening: The Promising Role of Induced Pluripotent Stem Cells <b>2021</b> , e2101139	1

421	Iron in airway macrophages and infective exacerbations of chronic obstructive pulmonary disease <b>2022</b> , 23, 8	4
420	Vector-field dynamic x-ray (VF-DXR) using optical flow method in patients with chronic obstructive pulmonary disease <b>2022</b> , 6, 4	
419	Effects of Home-Based Pulmonary Rehabilitation on Dyspnea, Exercise Capacity, Quality of Life and Impact of the Disease in COPD Patients: A Systematic Review <b>2022</b> , 1-29	О
418	Predictors and outcomes of obstructive sleep apnea in patients with chronic obstructive pulmonary disease in China <b>2022</b> , 22, 16	O
417	Quantitative measurements of emphysema in ultra-high resolution computed tomography using model-based iterative reconstruction in comparison to that using hybrid iterative reconstruction <b>2022</b> , 45, 115	О
416	IL-17 Aggravates Airway Infection in Acute Exacerbations of Chronic Obstructive Pulmonary Disease <b>2021</b> , 12, 811803	2
415	Efficacy and safety of nitrate supplementation on exercise tolerance in chronic obstructive pulmonary disease: A systematic review and meta-analysis <b>2022</b> , 101, e28578	
414	The effects of D-dimer high rates on prognosis and mortality in chronic obstructive respiratory disease. <b>2022</b> , 4, 44-50	O
413	Sleep problems and associations with cardiovascular disease and all-cause mortality in asthma-COPD overlap: analysis of the National Health and Nutrition Examination Survey (2007-2012) <b>2022</b> ,	1
412	Subgroup analysis reveals higher reliability of the new comprehensive evaluation of Global Initiative for Chronic Obstructive Lung Disease 2019 <b>2022</b> , 12, 757	
411	Dysregulated circulating microRNA-126 in chronic obstructive pulmonary disease: linkage with acute exacerbation risk, severity degree, and inflammatory cytokines <b>2022</b> , e24204	1
410	Extracellular Release of Mitochondrial DNA: Triggered by Cigarette Smoke and Detected in COPD <b>2022</b> , 11,	2
409	Clinical Implication of Phosphodiesterase-4-Inhibition <b>2022</b> , 23,	2
408	Association Between Non-obstructive Chronic Bronchitis and Incident Chronic Obstructive Pulmonary Disease and All-Cause Mortality: A Systematic Review and Meta-Analysis <b>2021</b> , 8, 805192	O
407	Metabolomics of COPD Pulmonary Rehabilitation Outcomes via Exhaled Breath Condensate <b>2022</b> , 11,	3
406	Four different frailty models predict health outcomes in older patients with stable chronic obstructive pulmonary disease <b>2022</b> , 22, 57	o
405	The association between transfer coefficient of the lung and the risk of exacerbation in asthma-COPD overlap: an observational cohort study <b>2022</b> , 22, 22	1
404	Reduced decline of lung diffusing capacity in COPD patients with diabetes and metformin treatment <b>2022</b> , 12, 1435	1

403	Relationship between Multimorbidity and Quality of Life in a Primary Care Setting: The Mediating Role of Dyspnea <b>2022</b> , 11,	
402	Effect of different conditioning methods of traditional Chinese health exercise on lung function in healthy middle-aged and elderly people: study protocol for a randomized controlled trial <b>2022</b> , 23, 8	
401	Self-perceived quality of sleep among COPD patients in Greece: the SLEPICO study 2022, 12, 540	1
400	The effect of lung-conduction exercise in chronic obstructive pulmonary disease: Randomized, assessor-blind, multicenter pilot trial <b>2022</b> , 101, e28629	1
399	Association of Serum Malondialdehyde and C-reactive protein Levels with Exacerbations of Chronic Obstructive Pulmonary Disease. <b>2022</b> , 18,	
398	Improved Detection of Chronic Obstructive Pulmonary Disease at Chest CT Using the Mean Curvature of Isophotes <b>2022</b> , 4, e210105	1
397	Impact of Emphysema Subtypes and Volume on Lung Ventilation and Gas Exchange Functions as Evidenced by Computed Tomography. <b>2022</b> , 102, 349-358	
396	Lung Herniation Associated With Crack Cocaine Use: An Uncommon Cause of Chest Pain <b>2022</b> , 14, e21801	
395	Arterial partial pressure of oxygen and procalcitonin levels correlate with pulmonary artery systolic pressure in patients with active pulmonary tuberculosis <b>2022</b> ,	
394	Effectiveness of Peri-Discharge Complex Interventions for Reducing 30-Day Readmissions among COPD Patients: Overview of Systematic Reviews and Network Meta-Analysis <b>2022</b> , 22, 7	
393	Protective effects of neuropeptide Y against elastase-induced pulmonary emphysema 2022,	
392	Network Meta-Analysis of the Effects of Different Types of Traditional Chinese Exercises on Pulmonary Function, Endurance Capacity and Quality of Life in Patients With COPD <b>2022</b> , 9, 806025	О
391	Exacerbation of chronic cigarette-smoke induced lung disease by rhinovirus in mice 2022, 103846	0
390	Transcriptomic analysis and validation reveal the pathogenesis and a novel biomarker of acute exacerbation of chronic obstructive pulmonary disease <b>2022</b> , 23, 27	
389	Comparative effectiveness of phlegm-heat clearing Chinese medicine injections for AECOPD: A systematic review and network meta-analysis <b>2022</b> , 115043	1
388	Methylprednisolone up-regulates annexin A1 (ANXA1) to inhibit the inflammation, apoptosis and oxidative stress of cigarette smoke extract (CSE)-induced bronchial epithelial cells, a chronic obstructive pulmonary disease in vitro model, through the formyl peptide receptor 2 (FPR2)	2
387	Pulmonary Function Tests for the Prediction of Postoperative Pulmonary Complications Systematic Review <b>2022</b> ,	
386	Whole-Exome Sequencing Implicates the rs777591A > G Intron Variant in Chronic Obstructive Pulmonary Disease in a Kashi Cohort <b>2021</b> , 9, 792027	1

385	Behaviour change and physical activity interventions for physical activity engagement in community dwelling adults with chronic obstructive pulmonary disease: protocol for a systematic review. 4, 110	
384	Advances in the Diagnosis of Equine Respiratory Diseases: A Review of Novel Imaging and Functional Techniques <b>2022</b> , 12,	
383	Association between plasma sRAGE and emphysema according to the genotypes of AGER gene <b>2022</b> , 22, 58	0
382	Acute exacerbation of COPD increases the risk of hip fractures: a nested case-control study from the Korea National Health Insurance Service <b>2022</b> ,	1
381	Esacerbazioni delle broncopneumopatie croniche ostruttive. <b>2022</b> , 26, 1-9	
380	Associations of residential greenness with lung function and chronic obstructive pulmonary disease in China <b>2022</b> , 209, 112877	1
379	Reconsidering the Utility of Race-Specific Lung Function Prediction Equations American Journal of Respiratory and Critical Care Medicine, 2021,	3
378	<del>ប្រាប់ប្រជាប្រជាបា</del> <del>ប្រាប់ប្រាប់ប្រជាប់</del> <b>១ជាប្រាប់ប</b>	
377	Comparison of peak expiratory Flow(PEF) and COPD assessment test (CAT) to assess COPD exacerbation requiring hospitalization: A prospective observational study <b>2022</b> , 19, 14799731221081859	0
376	Relaxant effect of bioactive component compatibility of San-ao decoction on In vitro guinea pig airway smooth muscle: A dosefesponse relationship study. <b>2022</b> ,	1
375	Analysis of differentially expressed genes and signaling pathways involved in atherosclerosis and chronic obstructive pulmonary disease <b>2022</b> , 13, 34-54	0
374	Application of Green Synthesis of Nanoparticles for Removal of Heavy Metal Ion from Industrial Waste Water. <b>2022</b> , 59-87	0
373	Interferential Current Stimulation for Swallowing Disorders in Chronic Obstructive Pulmonary Disease: A Preliminary Study <b>2022</b> , 7, 20220007	
372	Short-Term Air Pollution Exposure and Risk of Acute Exacerbation of Chronic Obstructive Pulmonary Disease in Korea: A National Time-Stratified Case-Crossover Study <b>2022</b> , 19,	O
371	Prophylactic Penehyclidine Inhalation for Prevention of Postoperative Pulmonary Complications in High-risk Patients: A Double-blind Randomized Trial <b>2022</b> ,	0
370	The Prevalence of Metabolic Syndrome, Scoring, and Comparison in People With and Without COPD: Evidence from Shahrekord PERSIAN Cohort Study <b>2022</b> ,	
369	Quantitative assessment the longitudinal changes of pulmonary vascular counts in chronic obstructive pulmonary disease <b>2022</b> , 23, 29	О
368	Kadālarā Fiziksel Aktiviteleri āfideki Engeller: Sistematik Derleme ālāhasā	

367	Rome Criteria for E-COPD: Not Built In A Day <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2022</b> ,	10.2
366	Interclass Difference in Pneumonia Risk in COPD Patients Initiating Fixed Dose Inhaled Treatment Containing Extrafine Particle Beclometasone versus Fine Particle Fluticasone <b>2022</b> , 17, 355-370	O
365	The Relationship between Metal Exposure and Chronic Obstructive Pulmonary Disease in the General US Population: NHANES 2015-2016 <b>2022</b> , 19,	1
364	Urinary Metals, Arsenic, and Polycyclic Aromatic Hydrocarbon Exposure and Risk of Self-reported Emphysema in the US Adult Population <b>2022</b> , 1	O
363	Comparison of Jacobson Progressive Relaxation Technique and Laura Mitchell Relaxation Technique on quality of life and sleep in COPD Patients <b>2022</b> , 5,	
362	Pooled Cohort Probability Score for Subclinical Airflow Obstruction 2022,	1
361	Balance impairment and lower limbs strength in patients with COPD who fell in the previous year <b>2022</b> ,	
<b>3</b> 60	Brown adipose tissue activation is not related to hypermetabolism in emphysematous chronic obstructive pulmonary disease patients <b>2022</b> ,	1
359	Designing Hybrid Mechanical Ventilator System Based on Arduino and Raspberry Pi 4. <b>2022</b> , 16,	
358	Two-dimensional Echocardiographic Study of Left Ventricular Volume and Function in COPD Patients Admitted in Tertiary Care Hospital in Kolkata. <b>2022</b> , 7, 17-20	
357	Asthma and COPD exacerbation in relation to outdoor air pollution in the metropolitan area of Berlin, Germany <b>2022</b> , 23, 64	1
356	Identification of Dysregulated Mechanisms and Candidate Gene Markers in Chronic Obstructive Pulmonary Disease <b>2022</b> , 17, 475-487	O
355	Resistance exercise training increases skeletal muscle mitochondrial respiration in chronic obstructive pulmonary disease.	
354	Comparation of predictive value of CAT and change in CAT in the short term for future exacerbation of chronic obstructive pulmonary disease <b>2022</b> , 54, 875-885	O
353	Different Smoking Statuses on Survival and Emphysema in Patients with Acute Exacerbation of Chronic Obstructive Pulmonary Disease <b>2022</b> , 17, 505-515	0
352	Effects of a Pedometer-Based Walking Program in Patients with COPD-A Pilot Study <b>2022</b> , 58,	1
351	Ninjinyoeito ameliorated cigarette smoke extract-induced apoptosis and inflammation through JNK signaling inhibition in human lung fibroblasts <b>2022</b> , 22, 96	O
350	Mortality of COVID-19 is associated with comorbidity in patients with chronic obstructive pulmonary disease <b>2022</b> , 1-6	1

349	Determination of COPD severity from chest CT images using deep transfer learning network. 1	
348	A Unique Cellular Organization of Human Distal Airways and Its Disarray in Chronic Obstructive Pulmonary Disease.	0
347	Electronic Nicotine Delivery Systems (ENDS) use during a five-year period is not associated with self-reported chronic obstructive pulmonary disease (COPD) after adjustment of cigarette smoking history: A longitudinal analysis of PATH data.	
346	New insights into the optimal management of COPD: Extracts from CHEST 2021 annual meeting (October 17-20, 2021) <b>2022</b> ,	
345	Prohibitin Protects Pulmonary Microvascular Endothelial Cells Against Cigarette Smoke Extract-Induced Cell Apoptosis and Inflammation <b>2022</b> , 17, 653-665	
344	Participatory methods in a digital setting: experiences from the co-creation of an eHealth tool for people with chronic obstructive pulmonary disease <b>2022</b> , 22, 68	o
343	Common exacerbation-prone phenotypes across asthma and chronic obstructive pulmonary disease (COPD) <b>2022</b> , 17, e0264397	O
342	Nortriptyline overcomes corticosteroid resistance in NK and NKT-like cells from peripheral blood of patients with chronic obstructive pulmonary disease. <b>2022</b> , 8, 59-70	o
341	Role of nuclear factor erythroid 2-related factor 2 in chronic obstructive pulmonary disease 2022,	
340	Comparison of Jacobson Progressive Relaxation Technique and Laura Mitchell Relaxation Technique on quality of life and sleep in COPD Patients <b>2021</b> , 5,	
339	Association Between Serum Total Bilirubin and COPD: Results from a Cross-Sectional Study and a Bidirectional Mendelian Randomization Analysis <b>2022</b> , 14, 289-298	О
338	Current Practice of High Flow through Nasal Cannula in Exacerbated COPD Patients 2022, 10,	1
337	One-Year Trajectory of Cognitive Changes in Older Survivors of COVID-19 in Wuhan, China: A Longitudinal Cohort Study <b>2022</b> ,	16
336	The Impact of the Age, Dyspnoea, and Airflow Obstruction (ADO) Index on the Medical Burden of Chronic Obstructive Pulmonary Disease (COPD) <b>2022</b> , 11,	1
335	Influenza A Virus-Driven Airway Inflammation may be Dissociated From Limb Muscle Atrophy in Cigarette Smoke-Exposed Mice <b>2022</b> , 13, 859146	
334	Ebselen prevents cigarette smoke-induced cognitive dysfunction in mice by preserving hippocampal synaptophysin expression <b>2022</b> , 19, 72	O
333	Dimensionality-Dependent Mechanical Stretch Regulation of Cell Behavior 2022,	1
332	Mobile device: a useful tool to teach inhaler devices to healthcare professionals <b>2022</b> , 22, 238	

331	Development and Validation of a Screening Questionnaire of COPD from a Large Epidemiological Study in China <b>2022</b> , 19, 118-124	
330	Usefulness of Glucose to Lymphocyte Ratio to Predict in-Hospital Mortality in Patients with AECOPD Admitted to the Intensive Care Unit <b>2022</b> , 19, 158-165	O
329	Changes in critical inhaler technique errors in inhaled COPD treatment - A one-year follow-up study in Sweden <b>2022</b> , 197, 106849	
328	A low postabsorptive whole body protein balance is associated with markers of poor daily physical functioning in Chronic Obstructive Pulmonary Disease <b>2022</b> , 41, 885-893	O
327	Benefits of LAMA in patients with asthma-COPD overlap: A systematic review and meta-analysis <b>2022</b> , 108986	1
326	Duplicate Prescription Rates of Long-Acting Bronchodilator Inhalers 2022,	
325	Fibrinogen Mediates Cadmium-induced Macrophage Activation and Serves as a Predictor of Cadmium Exposure in Chronic Obstructive Pulmonary Disease <b>2022</b> ,	1
324	Natural products in the treatment of pulmonary emphysema: Therapeutic effects and mechanisms of action <b>2022</b> , 99, 153988	O
323	Prevalence of a decreased FEV3/FEV6 ratio in symptomatic smokers with preserved lung function <b>2022</b> , 81, 100891	
322	PM2.5 induces pulmonary microvascular injury in COPD via METTL16-mediated m6A modification <b>2022</b> , 303, 119115	O
321	Obstructive apnea syndrome as a risk factor for the development of postoperative complications in obese patients. <b>2022</b> , 28, 22-29	
320	Clinical Utility of the Electrocardiographic P-Wave Axis in Patients with Chronic Obstructive Pulmonary Disease. <b>2021</b> , 1-8	O
319	Spiperone Stimulates Regeneration in Pulmonary Endothelium Damaged by Cigarette Smoke and Lipopolysaccharide <b>2021</b> , 16, 3575-3591	1
318	Statin prescription in patients with chronic obstructive pulmonary disease and risk of exacerbations: a retrospective cohort study in the Clinical Practice Research Datalink. <b>2021</b> , 11, e050757	O
317	Effects of Person-Centered Care Using a Digital Platform and Structured Telephone Support for People With Chronic Obstructive Pulmonary Disease and Chronic Heart Failure: Randomized Controlled Trial <b>2021</b> , 23, e26794	0
316	Circulating JNK pathway-associated phosphatase: A novel biomarker correlates with Th17 cells, acute exacerbation risk, and severity in chronic obstructive pulmonary disease patients <b>2021</b> , e24153	2
315	Survival impact of treatment for chronic obstructive pulmonary disease in patients with advanced non-small-cell lung cancer. <b>2021</b> , 11, 23677	3
314	Extracting Disease-Relevant Features with Adversarial Regularization <b>2021</b> , 2021, 3464-3471	

313	Increased Vascular Endothelial Growth Factor Serum Level and the Role of +936C/T Gene Polymorphism in Chronic Obstructive Pulmonary Disease <b>2021</b> , 57,	
312	Evaluating the technique of using MDI and DPI in patients with respiratory disease. <b>2021</b> , 6, 212-216	
311	Asymptomatic Patients with Airflow Limitation are at Higher Risk of Postoperative Pulmonary Complications After Lung Surgeries: An Ambispective Cohort Study <b>2021</b> , 16, 3465-3475	
310	Long non-coding RNA OIP5-AS1 regulates smoke-related chronic obstructive pulmonary disease via targeting micro RNA -410-3p/IL-13. <b>2021</b> , 12, 11664-11676	2
309	Lung transplantation for chronic obstructive pulmonary disease: A call to modify the lung allocation score to decrease waitlist mortality <b>2021</b> ,	2
308	Association of Total Airway Count on Computed Tomography with Pulmonary Function Decline in Early-Stage COPD: A Population-Based Prospective Cohort Study <b>2021</b> , 16, 3437-3448	
307	The Role of the Diaphragm in Postural Stability and Visceral Function in Parkinson's Disease <b>2021</b> , 13, 785020	2
306	Prognostic Nutritional Index as a Predictor of 30-Day Mortality Among Patients Admitted to Intensive Care Unit with Acute Exacerbation of Chronic Obstructive Pulmonary Disease: A Single-Center Retrospective Cohort Study <b>2022</b> , 28, e934687	O
305	Factors Associated with Reduction of Sedentary Time Following Tiotropium/Olodaterol Therapy in Treatment-NaWe Chronic Obstructive Pulmonary Disease <b>2021</b> , 16, 3297-3307	1
304	Pulmonary Rehabilitation Programmes Within Three Days of Hospitalization for Acute Exacerbation of Chronic Obstructive Pulmonary Disease: A Systematic Review and Meta-Analysis <b>2021</b> , 16, 3525-3538	0
303	The role of pentraxin3 in plasma and bronchoalveolar lavage fluid in COPD patients with invasive pulmonary aspergillosis <b>2021</b> , 21, 414	O
302	Red Blood Cell-Derived Iron Alters Macrophage Function in COPD <b>2021</b> , 9,	4
301	Interaction of Cigarette Smoking and Polygenic Risk Score on Reduced Lung Function <b>2021</b> , 4, e2139525	3
300	DYNAMICS OF IMMUNOLOGICAL AND FUNCTIONAL INDICATORS IN THE COURSE OF TREATING EXACERBATION OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE. <b>2021</b> , 1-8	
299	Cost-effectiveness of home non-invasive ventilation in COPD group GOLD D patients. 2021, 327-332	
298	Part I: Anesthesia and ventilator management in critical care patients. <b>2021</b> , 4, 406-412	
297	Do deaths from competing risks influence COPD patterns in China and high socio-demographic index countries?: a cross-sectional analysis of summary statistics from the Global Burden of Disease Study 2017 <b>2022</b> , 12, e050080	
296	A prospective study on clinical effect and immune regulation on cytokines secreted by Th cells of aerosolized Traditional Chinese Medicine on elderly patients with AECOPD. <b>2022</b> , 100282	

295	Effects of SOCS1-overexpressing dendritic cells on Th17- and Treg-related cytokines in COPD mice <b>2022</b> , 22, 145	O
294	Movement therapy in lung transplantation candidates assisted by a lightweight wearable robot <b>2022</b> ,	
293	Combined obstructive airflow limitation associated with interstitial lung diseases (O-ILD): the bad phenotype ?. <b>2022</b> , 23, 89	O
292	Diagnosis of Chronic Obstructive Pulmonary Disease and Regulatory Mechanism of miR-149-3p on Alveolar Inflammatory Factors and Expression of Surfactant Proteins A (SP-A) and D (SP-D) on Lung Surface Mediated by Wnt Pathway <b>2022</b> , 2022, 7205016	
291	The Association between Fat-Free Mass and Exercise Test Outcomes in People with Chronic Obstructive Pulmonary Disease: A Systematic Review <b>2022</b> , 19, 182-205	О
<b>2</b> 90	Validity and Reliability of the Japanese Version of the Dyspnea-12 Questionnaire in Patients with Lung Cancer <b>2022</b> ,	
289	Chronic obstructive pulmonary disease in never-smokers: risk factors, pathogenesis, and implications for prevention and treatment <b>2022</b> ,	8
288	Prognosis of Patients with COPD Not Eligible for Major Clinical Trials <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2022</b> ,	2 3
287	Secretory Immunoglobulin A Immunity in Chronic Obstructive Respiratory Diseases 2022, 11,	1
286	Exacerbation of Elastase-Induced Emphysema via Increased Oxidative Stress in Metallothionein-Knockout Mice <b>2022</b> , 12,	1
285	Chronic Obstructive Pulmonary Disease and Heart Failure: A Breathless Conspiracy <b>2022</b> , 40, 171-182	0
284	Potential clinical implications of targeted spirometry for detection of COPD: A contemporary population-based cohort study <b>2022</b> , 197, 106852	
283	Data_Sheet_1.pdf. <b>2020</b> ,	
282	Data_Sheet_1.PDF. <b>2019</b> ,	
281	DataSheet_1.docx. <b>2020</b> ,	
<b>2</b> 80	Factors Related to Activation in Chinese Patients With Chronic Obstructive Pulmonary Disease: A Cross-Sectional Survey Study <b>2022</b> , 30,	O
279	Gene-Based Analysis Reveals Sex-Specific Genetic Risk Factors of COPD <b>2021</b> , 2021, 601-610	
278	Comparison of Chronic Obstructive Pulmonary Diseases Induced by Wood Smoke and Tobacco Smoke <b>2021</b> , 20, 268-276	

277	Artificial Intelligence-Based Evaluation of Patients with Chronic Obstructive Pulmonary Disease (COPD). <b>2022</b> , 423-431	
276	Pneumologie. <b>2022</b> , 465-540	
275	Severity distribution and treatment of chronic obstructive pulmonary disease in China: baseline results of an observational study <b>2022</b> , 23, 106	2
274	Evaluation of a Digital COPD Education Program for Healthcare Professionals in Long-Term Care - A Mixed Methods Study <b>2022</b> , 17, 905-918	o
273	Effect of Internet-Based Rehabilitation Programs for patients with chronic obstructive pulmonary disease: A Meta-analysis of Randomized Controlled Trials (Preprint).	
272	A proof of concept for continuous, non-invasive, free-living vital signs monitoring to predict readmission following an acute exacerbation of COPD: a prospective cohort study <b>2022</b> , 23, 102	1
271	Clinical significance of serum HMGB1 in COPD and correlation with severity of airflow restriction and immune function. <b>2022</b> , 30, 173-181	
270	Diagnostic markers of exacerbation of chronic obstructive pulmonary disease in workers exposed to industrial aerosols and tobacco. <b>2022</b> , 62, 169-176	
269	A systematic review and meta-analysis of homocysteine concentrations in chronic obstructive pulmonary disease <b>2022</b> ,	1
268	Airflow limitation increases lung cancer risk in smokers: the Lifelines cohort study 2022,	
267	The Emerging Role of Extracellular Vesicles Detected in Different Biological Fluids in COPD <b>2022</b> , 23,	O
266	Efficacy and Safety of Single Inhaler Triple Therapy Versus Separate Triple Therapy in Chronic Obstructive Pulmonary Disease: A Systematic Review and Meta-analysis <b>2022</b> ,	
265	Korean Red Ginseng water extract inhibits cadmium-induced lung injury via suppressing MAPK/ERK1/2/AP-1 pathway. <b>2022</b> ,	1
264	Lung health after tuberculosis: clinical and functional assessment in post-pulmonary tuberculosis Egyptian patients. <b>2022</b> , 16,	o
263	Risks of Mortality and Airflow Limitation in Japanese with Preserved Ratio Impaired Spirometry <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2022</b> ,	10.2 2
262	Association Between Serum Uric Acid and Lung Function in People with and without Chronic Obstructive Pulmonary Disease <b>2022</b> , 17, 1069-1080	o
261	Association Between Serum Sodium and Long-Term Mortality in Critically Ill Patients with Comorbid Chronic Obstructive Pulmonary Disease: Analysis from the MIMIC-IV Database <b>2022</b> , 17, 1	143-1155
260	Effects of home-based telehealth on the physical condition and psychological status of patients with chronic obstructive pulmonary disease: A systematic review and meta-analysis <b>2022</b> , e13062	o

259	Internet of things-based home noninvasive ventilation in COPD patients with hypercapnic chronic respiratory failure: study protocol for a randomized controlled trial <b>2022</b> , 23, 393		O
258	Association between physical activity and dynapenia in older adults with COPD: a nationwide survey <b>2022</b> , 12, 7480		О
257	Physicians[Attitudes, Beliefs and Barriers to a Pulmonary Rehabilitation for COPD Patients in Saudi Arabia: A Cross-Sectional Study. <b>2022</b> , 10, 904		O
256	Analysis of the association of ANO3/MUC15, COL4A4, RRBP1, and KLK1 polymorphisms with COPD susceptibility in the Kashi population <b>2022</b> , 22, 178		
255	Effects of air pollution on human health - Mechanistic evidence suggested by in vitro and in vivo modelling <b>2022</b> , 212, 113378		1
254	A CROSS SECTIONAL STUDY OF NICOTINE DEPENDENCE AND ITS DETERMINANTS IN PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE AT INSTITUTE OF RESPIRATORY DISEASES, SAWAI MAN SINGH MEDICAL COLLEGE, JAIPUR, RAJASTHAN <b>2022</b> , 26-28		
253	Is it Time to Abandon the Post-Bronchodilator Requirement in Defining COPD?. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2022</b> ,	10.2	О
252	Physiological changes related to 10 weeks of singing for lung health in patients with COPD <b>2022</b> , 9,		О
251	Associations between bone mineral density and chronic obstructive pulmonary disease <b>2022</b> , 50, 300	060522	1094644
250	MAIT cell counts are associated with the risk of hospitalization in COPD <b>2022</b> , 23, 127		O
249	Assessment of Asthma and Chronic Obstructive Pulmonary Disease Awareness in University Students.		O
248	The optimal cut-off points of 4-meter gait speed to discriminate functional exercise capacity and health status in elderly patients with chronic obstructive pulmonary disease.		О
247	Chronic obstructive pulmonary disease patients' quality of life and its related factors: A cross-sectional study of the Jordanian population. 11, 581		
246	The Burden of Asthma in Children Aged 0-14 Years in Asia: A Systematic Analysis for the Global Burden of Disease Study 2019. <b>2022</b> , 9, 105-115		
245	Two-day versus seven-day course of levofloxacin in acute COPD exacerbation: a randomized controlled trial. <b>2022</b> , 16, 175346662210997		1
244	General Anesthesia for Patients With Chronic Obstructive Pulmonary Disease and Postoperative Respiratory Failure: A Retrospective Analysis of 120 Patients. 13,		
243	Development and validation of a multivariable mortality risk prediction model for COPD in primary care. <b>2022</b> , 32,		О
242	Lack of Association between Inhaled Corticosteroid Use and the Risk of Future Exacerbation in Patients with GOLD Group A Chronic Obstructive Pulmonary Disease. <b>2022</b> , 12, 916		

241	Urinary metals, arsenic, and polycyclic aromatic hydrocarbon exposure and risk of chronic bronchitis in the US adult population.	0
240	Impacts of Cigarette Smoke (CS) on Muscle Derangement in Rodents A Systematic Review. <b>2022</b> , 10, 262	Ο
239	Proteomic Analysis of Human Sputum for the Diagnosis of Lung Disorders: Where Are We Today?. <b>2022</b> , 23, 5692	1
238	Effects of different exercise training programs on the functional performance in fibrosing interstitial lung diseases: A randomized trial. <b>2022</b> , 17, e0268589	0
237	Sex-specific associations of comorbidome and pulmorbidome with mortality in chronic obstructive pulmonary disease: results from COSYCONET. <b>2022</b> , 12,	2
236	CT Attenuation and Cross-Sectional Area of the Pectoralis Are Associated With Clinical Characteristics in Chronic Obstructive Pulmonary Disease Patients. 13,	
235	Meta-analysis and Systematic Review of Bronchoscopic Lung Volume Reduction Through Endobronchial Valves in Severe Emphysema. <b>2022</b> , 29, 224-237	1
234	Long noncoding RNA GAS5 attenuates cigarette smoke&ndash;induced airway remodeling by regulating miR-217-5p&ndash;PTEN axis. <b>2022</b> ,	1
233	Research Trends on Pulmonary Rehabilitation: A Bibliometric Analysis From 2011 to 2020. 9,	0
232	Systematic characterization of the effective constituents and molecular mechanisms of Ardisiae Japonicae Herba using UPLC-Orbitrap Fusion MS and network pharmacology. <b>2022</b> , 17, e0269087	
231	Non-coding RNA-based regulation of inflammation. <b>2022</b> , 101606	1
230	Effect of High-Quality Nursing Care on Patients with Acute Exacerbation of Chronic Obstructive Pulmonary Disease Complicated with Respiratory Failure: An Observational Cohort Study. <b>2022</b> , 2022, 1-6	
229	Senescence: Pathogenic Driver in Chronic Obstructive Pulmonary Disease. <b>2022</b> , 58, 817	1
228	Clinical Efficacy of Carbocysteine in COPD: Beyond the Mucolytic Action. <b>2022</b> , 14, 1261	0
227	Risk of COPD exacerbation is increased by poor sleep quality and modified by social adversity.	1
226	Soluble RAGE in COPD, with or without coexisting obstructive sleep apnoea. <b>2022</b> , 23,	0
225	A review of the efficacy and safety of fluticasone propionate/formoterol fixed-dose combination. 1-12	
224	Correlation Between Serum Magnesium Level and Acute Exacerbation in Patients With Chronic Obstructive Pulmonary Disease (COPD). <b>2022</b> ,	

223	A proposal of spirometry reference equations for Korean workers. 2022, 34,		1
222	Home High-Flow Nasal Cannula Oxygen Therapy for Stable Hypercapnic COPD: A Randomized Trial.  American Journal of Respiratory and Critical Care Medicine,	10.2	6
221	Impaired Alveolar Re-Epithelialization in Pulmonary Emphysema. <b>2022</b> , 11, 2055		0
220	Blood CDC42 overexpression is associated with an increased risk of acute exacerbation, inflammation and disease severity in patients with chronic obstructive pulmonary disease. <b>2022</b> , 24,		O
219	Clinical Outcome Following Transcatheter Aortic Valve Implantation in Patients With Chronic Obstructive Pulmonary Disease. <b>2022</b> , 15, 1188-1190		
218	Emerging phenotypes of pulmonary hypertension associated with COPD a field guide. Publish Ahead of Print,		
217	Study on the Management of the Health Status of Patients with Stable Chronic Obstructive Pulmonary Disease Treated with Double Bronchodilator. <b>2022</b> , 2022, 1-4		
216	Reduced frequencies of Foxp3+GARP+ regulatory T cells in COPD patients are associated with multi-organ loss of tissue phenotype. <b>2022</b> , 23,		
215	Adipose Tissue Inflammation and Pulmonary Dysfunction in Obesity. 2022, 23, 7349		1
214	Evaluation of risk adjustment performance of diagnosis-based and medication-based comorbidity indices in patients with chronic obstructive pulmonary disease. <b>2022</b> , 17, e0270468		1
213	Does awake prone positioning prevent the use of mechanical respiratory support or death in COVID-19 patients on standard oxygen therapy hospitalised in general wards? A multicentre randomised controlled trial: the PROVID-19 protocol. <b>2022</b> , 12, e060320		О
212	Plasma Immunoglobulin E and Risk of Exacerbation and Mortality in COPD: A Contemporary Population-Based Cohort. <b>2022</b> ,		O
211	Inspiratory and expiratory CT analyses of the diaphragmatic crus in chronic obstructive pulmonary disease.		
<b>2</b> 10	Computertomographie bei chronisch-obstruktiver Lungenerkrankung.		O
209	B polyunsaturated fatty acid supplementation improves postabsorptive and prandial protein metabolism in patients with chronic obstructive pulmonary disease: a randomized clinical trial.		1
208	Pristimerin alleviates cigarette smoke-induced inflammation in chronic obstructive pulmonary disease via inhibiting NF-B pathway.		О
207	Outcomes associated with comorbid anxiety and depression among patients with stable COPD: A patient registry study in China. <b>2022</b> , 313, 77-83		1
206	Chronic Obstructive Pulmonary Disease (COPD): Not a Cigarette Only Pulmonary Disease <b>2017</b> , 46, 415-416		3

205	Home based pulmonary tele-rehabilitation under telemedicine system for COPD: a cohort study. <b>2022</b> , 22,	О
204	Retrospective observational study of asthma and chronic obstructive pulmonary disease prevalence and associated healthcare resource utilization in a large, integrated healthcare system. 1-9	O
203	Association of free thyroxine with obstructive lung pattern in euthyroid middle-aged subjects: A population-based study. <b>2022</b> , 17, e0270126	О
202	Reproducibility of pulmonary magnetic resonance angiography in adults with muco-obstructive pulmonary disease. 028418512211114	Ο
201	Effects of Roflumilast on Patients with Chronic Obstructive Pulmonary Disease Treated with Inhaled Corticosteroid/Long-Acting 2 Agonist: A Meta-analysis. <b>2022</b> , 2022, 1-9	0
200	Effects and safety of metformin in patients with concurrent diabetes mellitus and chronic obstructive pulmonary disease: a systematic review and meta-analysis. <b>2022</b> ,	
199	Antihypertensive therapy in patients with concomitant chronic obstructive pulmonary disease. <b>2022</b> , 28, 289-299	
198	Risks of noncancer diseases in the cohort of personnel involved in the disposal of nuclear munitions. <b>2022</b> , 21, 4-14	
197	Effects of Muscle Energy Technique and Joint Manipulation on Pulmonary Functions, Mobility, Disease Exacerbations, and Health-Related Quality of Life in Chronic Obstructive Pulmonary Disease Patients: A Quasiexperimental Study. <b>2022</b> , 2022, 1-9	
196	Predicting Length of Stay and Mortality in Acute Exacerbation of Chronic Obstructive Pulmonary Disease at the Intensive Care Unit. <b>2022</b> , 23, 205-209	
195	Definition and Nomenclature of Chronic Obstructive Pulmonary Disease: Time for its Revision.	6
194	Regional differences in the contribution of smoking, dietary and cooking behaviours to airflow obstruction in China: A population-based casellontrol study.	
193	Prediction of COPD Acute Exacerbation in Response to Air Pollution using Exosomal circRNA Profile and Machine Learning. <b>2022</b> , 107469	O
192	Emergency Department Visits Due to Dyspnea: Association with Inhalation Therapy in COPD and Cases with Adverse Drug Reactions. Volume 17, 1827-1834	
191	Development and validation of a prognostic nomogram among patients with acute exacerbation of chronic obstructive pulmonary disease in intensive care unit. <b>2022</b> , 22,	1
190	Paraoxonase-1 in stable chronic obstructive pulmonary disease: a systematic review and meta-analysis. <b>2022</b> , 61,	
189	Predictive Value of Serum Markers SFRP1 and CC16 in Acute Exacerbation of Chronic Obstructive Pulmonary Disease. <b>2022</b> , 2022, 1-6	
188	Physical activity and chronic obstructive pulmonary disease: a scoping review. <b>2022</b> , 22,	1

187	Endothelial dysfunction: The possible link between cardiovascular comorbidities and phenomenon of inflammaging from COPD. <b>2022</b> , 101, e30078	
186	Sex Differences in Airways at Chest CT: Results from the COPDGene Cohort.	O
185	Pneumologische Rehabilitation bei chronisch obstruktiven Atemwegserkrankungen. <b>2022</b> , 147, 961-973	
184	Identification of asthma cases in Japan using health insurance claims data: Positive and negative predictive values of proposed discrimination criteria: A single-center study. <b>2022</b> ,	O
183	Comparison of pneumonia incidence between long-acting muscarinic antagonist and inhaled corticosteroid plus long-acting beta agonist in patients with COPD: A retrospective cohort study in a real-world setting.	
182	Protective role of zinc in the pathogenesis of respiratory diseases.	
181	Care Quality for Patients with Chronic Obstructive Pulmonary Disease in the Readmission Penalty Era.	
180	Acute exacerbations of chronic obstructive pulmonary disease in a cohort of Chinese never smokers goes along with decreased risks of recurrent acute exacerbation, emphysema and comorbidity of lung cancer as well as decreased levels of circulating eosinophils and basophils. 9,	O
179	Relationships between Airway Remodeling and Clinical Characteristics in COPD Patients. <b>2022</b> , 10, 1992	
178	Energy expenditure and intake in COPD: The extent of unnoticed unbalance by predicting REE. <b>2022</b> , 201, 106951	
177	Association between chronic obstructive pulmonary disease and periodontitis: The common role of innate immune cells?. <b>2022</b> , 158, 155982	O
176	Long-term mortality in ischemic stroke patients with concomitant chronic obstructive pulmonary disease. <b>2022</b> , 31, 106701	O
175	Evaluation of the prognostic value of neutrophil-to-lymphocyte ratio and platelet-to-lymphocyte ratio in acute exacerbation of chronic obstructive pulmonary disease. <b>2022</b> , 27, 50	1
174	High-Flow Nasal Cannula Oxygen Therapy versus Non-Invasive Ventilation for AECOPD Patients After Extubation: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. Volume 17, 1987-1999	O
173	Association between exposure to air pollutants and sleep parameters in chronic obstructive pulmonary disease patients with or without obstructive sleep apnea. Publish Ahead of Print,	O
172	Design of real-time acquisition and visual monitoring system of human breathing signal. 2022,	O
171	A real-world cost-effectiveness analysis of nebulized budesonide and intravenous methylprednisolone in acute exacerbation of chronic obstructive pulmonary disease. 13,	0
170	Chronic obstructive pulmonary disease exacerbations' management in Portuguese hospitals [] EvaluateCOPDpt, a multicentre, observational, prospective study. <b>2022</b> ,	O

 $_{169}$  Long term follow up after bronchoscopic lung volume reduction valve treatment for emphysema. 00235-2022  $_{\odot}$ 

(0)		
168	Chronic obstructive pulmonary disease (COPD) and air pollution: The case of Morocco. <b>2022</b> ,	О
167	Orphan drug development in alpha-1 antitypsin deficiency. <b>2022</b> , 12,	0
166	Bronchodilators in Tobacco-Exposed Persons with Symptoms and Preserved Lung Function. <b>2022</b> , 387, 1173-1184	5
165	PUMA screening tool to detect COPD in high-risk patients in Chinese primary care validation study. <b>2022</b> , 17, e0274106	0
164	Exercise testing and postoperative complications after minimally invasive lung resection: A cohort study. 13,	O
163	The clinical relevance of neutrophil-to-lymphocyte ratio and platelet-to-lymphocyte ratio in chronic obstructive pulmonary disease with lung cancer. 12,	O
162	Comorbidities and mortality risk in adults younger than 50 years of age with chronic obstructive pulmonary disease. <b>2022</b> , 23,	0
161	Correlation Analysis of Early Renal Injury in Elderly Patients with Acute Exacerbations of Chronic Obstructive Pulmonary Disease. Volume 17, 2109-2115	0
160	Influences of Two FEV1 Reference Equations (GLI-2012 and GIRH-2017) on Airflow Limitation Classification Among COPD Patients. Volume 17, 2053-2065	0
159	A prediction model for hospital mortality in patients with severe community-acquired pneumonia and chronic obstructive pulmonary disease. <b>2022</b> , 23,	0
158	Clinical and Economic Impact of Long-Term Inhaled Corticosteroid Withdrawal in Patients with Chronic Obstructive Pulmonary Disease Treated with Triple Therapy in Spain. Volume 17, 2161-2174	0
157	Cost-Effectiveness Analysis of the TCM Mupingfeng Granules In the Treatment of Acute Exacerbations of COPD Based on a Randomized Clinical Trial. Volume 17, 2369-2379	O
156	HealMA: a model-driven framework for automatic generation of IoT-based Android health monitoring applications. <b>2022</b> , 29,	1
155	Correlations of Computed Tomography Measurement of Distal Pulmonary Vascular Pruning with Airflow Limitation and Emphysema in COPD Patients. Volume 17, 2241-2252	0
154	Palliative Care Early in the Care Continuum among Patients with Serious Respiratory Illness: An Official ATS/AAHPM/HPNA/SWHPN Policy Statement. <b>2022</b> , 206, e44-e69	1
153	The interplay between oxidative stress and autophagy in chronic obstructive pulmonary disease. 13,	О
152	The Relationship of Low-Density-Lipoprotein to Lymphocyte Ratio with Chronic Obstructive Pulmonary Disease. Volume 17, 2175-2185	O

151	Genetic polymorphisms in MIR1208 and MIR5708 are associated with susceptibility to COPD in the Chinese population. <b>2022</b> ,	O
150	Comparative Study on Soluble Urokinase-Type Plasminogen Activator Receptor (Supar) and C-Reactive Protein (Crp) Levels in Stable Chronic Obstructive Pulmonary Disease <b>2022</b> , 15, 1277-1281	O
149	Fibroblast growth factor 10 attenuates chronic obstructive pulmonary disease by protecting against glycocalyx impairment and endothelial apoptosis. <b>2022</b> , 23,	1
148	DNA Methylation Profiling in a Cigarette Smoke-Exposed Mouse Model of Airway Inflammation. Volume 17, 2443-2450	О
147	Hedgehog pathway and its inhibitors in chronic obstructive pulmonary disease (COPD). 2022, 108295	О
146	Palliative home care for older patients with respiratory disease in Japan: Practices and opinions of physicians.	O
145	Pharmacoeconomic Analysis of Inhalation Drugs Availability Used in COPD Treatment. 2022, 3,	O
144	The Research Value of Serum Electrolyte Level in Chronic Obstructive Pulmonary Dis-ease. <b>2022</b> , 12, 9309-9313	O
143	Short-Term Associations between Size-Fractioned Particles and Cardiopulmonary Function in COPD Patients: A Panel Study in Shanghai, China, during 2014[021. 2022, 19, 12473	O
142	Chronic Obstructive Pulmonary Disease and Small Airways Diseases.	0
141	Healthcare providers lattitudes, beliefs and barriers to pulmonary rehabilitation for patients with chronic obstructive pulmonary disease in Saudi Arabia: a cross-sectional study. <b>2022</b> , 12, e063900	1
140	Exome and Sputum Microbiota as Predictive Markers of Frequent Exacerbations in Chronic Obstructive Pulmonary Disease. <b>2022</b> , 12, 1481	
	Obstructive Fulfilling Discuse. 2022, 12, 1401	Ο
139	Economic impact of implementing prescription of single-inhaler triple therapies versus current multiple-inhaler triple therapies for COPD in the Apulia Region. <b>2022</b> , 22,	0
139	Economic impact of implementing prescription of single-inhaler triple therapies versus current	
	Economic impact of implementing prescription of single-inhaler triple therapies versus current multiple-inhaler triple therapies for COPD in the Apulia Region. <b>2022</b> , 22,  Efficacy of Nasal High-Flow Oxygen Therapy in Chronic Obstructive Pulmonary Disease Patients in	О
138	Economic impact of implementing prescription of single-inhaler triple therapies versus current multiple-inhaler triple therapies for COPD in the Apulia Region. <b>2022</b> , 22,  Efficacy of Nasal High-Flow Oxygen Therapy in Chronic Obstructive Pulmonary Disease Patients in Long-Term Oxygen and Nocturnal Non-Invasive Ventilation during Exercise Training. <b>2022</b> , 10, 2001	0
138	Economic impact of implementing prescription of single-inhaler triple therapies versus current multiple-inhaler triple therapies for COPD in the Apulia Region. 2022, 22,  Efficacy of Nasal High-Flow Oxygen Therapy in Chronic Obstructive Pulmonary Disease Patients in Long-Term Oxygen and Nocturnal Non-Invasive Ventilation during Exercise Training. 2022, 10, 2001  Acute exacerbation of chronic obstructive pulmonary disease in a slaughterhouse.	0 0

133	Experiences of using an electronic health tool among healthcare professionals involved in Chronic Obstructive Pulmonary Disease management: a qualitative analysis (Preprint).	O
132	Peak oxygen uptake and respiratory muscle performance in patients with chronic obstructive pulmonary disease: Clinical findings and implications. <b>2022</b> , 101, e31244	0
131	Chronic Obstructive Pulmonary Disease Patients With High Peripheral Blood Eosinophil Counts Have Better Predicted Improvement in 6MWD After Rehabilitation. Publish Ahead of Print,	1
130	The Prognostic Performance of Lung Diffusing Capacity in Preserved Ratio Impaired Spirometry: An Observational Cohort Study. Volume 17, 2791-2799	O
129	Guidance Value of Procalcitonin Detection in Selecting Switching Points for Sequential Therapy in Patients with Acute Exacerbation of Chronic Obstructive Pulmonary Disease Complicated by Respiratory Failure. Volume 17, 2693-2699	О
128	Promotion of physical activity after hospitalization for COPD exacerbation: A randomized control trial.	1
127	Association Between Anthropometric Indices and Skeletal-Muscle Atrophy in Chinese Patients with Stable Chronic Obstructive Pulmonary Disease: A Cross-Sectional Study. Volume 17, 2529-2539	О
126	Synonymous mutations in TLR2 and TLR9 genes decrease COPD susceptibility in the Chinese Han population. <b>2022</b> ,	0
125	Abnormal static and dynamic functional network connectivity in stable chronic obstructive pulmonary disease. 14,	0
124	Poly I:C Exacerbates Airway Inflammation and Remodeling in Cigarette Smoke-Exposed Mice.	O
123	Dach1 attenuates airway inflammation in chronic obstructive pulmonary disease by activating Nrf2 signaling.	О
122	Association of coronary artery calcification with clinical and physiological characteristics in patients with COPD: Results from COSYCONET. <b>2022</b> , 204, 107014	O
121	A new approach for the detection of obesity-related airway obstruction in lung-healthy individuals. <b>2022</b> , 107025	O
120	A Pilot Study on a Nurse Rehabilitation Program: Could It Be Applied to COVID-19 Patients?. <b>2022</b> , 19, 14365	1
119	The association between total cholesterol and cognitive impairment in chronic obstructive pulmonary disease patients. <b>2023</b> , 164, 106697	О
118	Effects of scapulothoracic exercises on chest mobility, respiratory muscle strength, and pulmonary function in male COPD patients with forward shoulder posture: a randomized control trial. 11, 1284	O
117	Predictive value of the hemoglobin lbumin lymphocyte platelet (HALP) index for ICU mortality in patients with acute exacerbations of chronic obstructive pulmonary disease (AECOPD).	О
116	Effects of medication adherence on disease activity in chronic obstructive pulmonary disease: a systematic review and meta-analysis. 1-15	O

115	Validation of the Spanish Activity Questionnaire in COPD (SAQ-COPD) in Patients with Chronic Obstructive Pulmonary Disease. Volume 17, 2835-2846	0
114	Cost-effectiveness of single-inhaler triple therapy for patients with severe COPD: a systematic literature review. 1-18	О
113	Airway Obstruction in Primary Care Patients: Need for Implementing Spirometry Use. <b>2022</b> , 12, 2680	О
112	Effects of a nutritional intervention on impaired behavior and cognitive function in an emphysematous murine model of COPD with endotoxin-induced lung inflammation. 9,	O
111	Clinical implications of low absolute blood eosinophil count in the SPIROMICS COPD cohort. 2022,	0
110	Inhibition of neutrophil elastase prevents cigarette smoke exposure-induced formation of neutrophil extracellular traps and improves lung function in a mouse model of chronic obstructive pulmonary disease. <b>2023</b> , 114, 109537	1
109	An identifiable model of lung mechanics to diagnose and monitor COPD. <b>2023</b> , 152, 106430	О
108	Analysis of the Clinical Efficacy and Molecular Mechanism of Xuefu Zhuyu Decoction in the Treatment of COPD Based on Meta-Analysis and Network Pharmacology. <b>2022</b> , 2022, 1-24	Ο
107	Identification of Small Airway Epithelium-Related Hub Genes in Chronic Obstructive Pulmonary Disease. Volume 17, 3001-3015	0
106	Cost-effectiveness analysis of surgical lung volume reduction compared with endobronchial valve treatment in patients with severe emphysema. <b>2022</b> , 152, 40008	О
105	Short-term effect of fine particulate matter (PM 2.5 ) on lung function and impulse oscillometry system of chronic obstructive pulmonary disease in Beijing, China.	0
104	Association of impaired lung function with dementia, and brain magnetic resonance imaging indices: a large population-based longitudinal study. <b>2022</b> , 51,	1
103	Wenshen Yiqi Keli Mitigates the Proliferation and Migration of Cigarette Smoke Extract-Induced Human Airway Smooth Muscle Cells through miR-155/FoxO3a Axis. <b>2022</b> , 2022, 1-14	0
102	Changes in Serum Immunoglobulin G Subclasses during the Treatment of Patients with Chronic Obstructive Pulmonary Disease with Infectious Exacerbations. <b>2022</b> , 90, 500-510	O
101	Dignity as a Small Candle Flame That DoesnEGo Out!EAn Interpretative Phenomenological Study with Patients Living with Advanced Chronic Obstructive Pulmonary Disease. 2022, 19, 17029	O
100	Patient and Health Care Provider Perspectives on Potential Preventability of Hospital Admission for Acute Exacerbation of Chronic Obstructive Pulmonary Disease: A Qualitative Study. Volume 16, 3207-3220	0 <sup>O</sup>
99	The Relationship Between Clinical Phenotypes and Global Initiative for Chronic Obstructive Lung Disease (GOLD) Stages/Groups in Patients With Chronic Obstructive Pulmonary Disease. <b>2022</b> ,	О
98	Inhalation therapies in COPD ladverse drug reactions impact on emergency department presentations.	O

97	The Effects of Manual Therapy and Inspiratory Muscle Training on Respiratory Parameters in Young Adults with Postural Problems: A Randomized Controlled Trial.	O
96	Cardiovascular predictors of mortality and exacerbations in patients with COPD. <b>2022</b> , 12,	O
95	Abdominal obesity in COPD is associated with specific metabolic and functional phenotypes. <b>2022</b> , 19,	О
94	Cleavage of Occludin by Cigarette Smoke-Elicited Cathepsin S Increases Permeability of Lung Epithelial Cells. <b>2023</b> , 12, 5	O
93	Clinical outcomes and risk factor of immune checkpoint inhibitors-related pneumonitis in non-small cell lung cancer patients with chronic obstructive pulmonary disease. <b>2022</b> , 22,	О
92	Generalizability of Risk Stratification Algorithms for Exacerbations in COPD. 2022,	O
91	Chronic obstructive pulmonary disease and miocardial revascularisation outcomes: relationship with self-reported quality of life. <b>2022</b> , 32, 854-861	О
90	Adherence to Long-Acting Inhaler Use for Initial Treatment and Acute Exacerbation of Chronic Obstructive Pulmonary Disease: A Retrospective Cohort Study. <b>2022</b> , 12, 2073	Ο
89	Effectiveness of the sarcopenia index in predicting respiratory failure among elderly patients with acute exacerbation of chronic obstructive pulmonary disease: a cross-sectional study.	О
88	Greek Guidelines for the Management of COPD, a Proposal of a Holistic Approach Based on the needs of the Greek Community. <b>2022</b> , 12, 1997	O
87	Breathing Exercises in the Treatment of COPD: An Overview of Systematic Reviews. Volume 17, 3075-3085	О
86	Vitamin D Supplementation Has No Impact on Cardiorespiratory Fitness, but Improves Inflammatory Status in Vitamin D Deficient Young Men Engaged in Resistance Training. <b>2022</b> , 14, 5302	O
85	Long noncoding RNA HOTAIR facilitates pulmonary vascular endothelial cell apoptosis via DNMT1 mediated hypermethylation of Bcl-2 promoter in COPD. <b>2022</b> , 23,	О
84	Emphysema quantifications with CT: Assessing the effects of acquisition protocols and imaging parameters using virtual imaging trials. <b>2022</b> ,	O
83	The establishment of COPD organoids to study host-pathogen interaction reveals enhanced viral fitness of SARS-CoV-2 in bronchi. <b>2022</b> , 13,	О
82	Quantitative CT parameters correlate with lung function in chronic obstructive pulmonary disease: A systematic review and meta-analysis. 9,	O
81	Lungenerkrankungen. <b>2022</b> , 289-378	О
80	Associations of the distance-saturation product and low-attenuation area percentage in pulmonary computed tomography with acute exacerbation in patients with chronic obstructive pulmonary disease. 9,	O

79	Platelet-to-lymphocyte ratio (PLR), neutrophil-to-lymphocyte ratio (NLR), and monocyte-to-lymphocyte ratio (MLR), and eosinophil-to-lymphocyte ratio (ELR) as biomarkers in patients with acute exacerbation chronic obstructive pulmonary disease.	О
78	Anesthesia in Posterior Retroperitoneoscopic Approach. <b>2023</b> , 49-58	O
77	Short-chain fatty acid production in accessible and inaccessible body pools as assessed by novel stable tracer pulse approach is reduced by aging independent of presence of COPD. <b>2023</b> , 155399	O
76	Optimizing the Diagnostic Algorithm for Pulmonary Embolism in Acute COPD Exacerbation Using Fuzzy Rough Sets and Support Vector Machine. <b>2023</b> , 20, 1-8	O
75	The roles of long noncoding RNA-mediated macrophage polarization in respiratory diseases. 13,	0
74	Pulmonary infection is associated with an increased IL-6 in acute exacerbation chronic obstructive pulmonary disease. <b>2023</b> , 21, 1721727X2211495	O
73	The telomerase activator TA-65 protects from cigarette smoke-induced small airway remodeling in mice through extra-telomeric effects. <b>2023</b> , 13,	O
72	Short-term exposure to fine particulate matter and genome-wide DNA methylation in chronic obstructive pulmonary disease: A panel study conducted in Beijing, China. 10,	O
71	Does uptake of specialty care affect HRQoL development in COPD patients beneficially? A difference-in-difference analysis linking claims and survey data.	0
70	PM2.5 increases susceptibility to acute exacerbation of COPD via NOX4/Nrf2 redox imbalance-mediated mitophagy. <b>2023</b> , 59, 102587	O
69	Taxifolin ameliorates cigarette smoke-induced chronic obstructive pulmonary disease via inhibiting inflammation and apoptosis. <b>2023</b> , 115, 109577	O
68	The clinical characteristics and treatment response of patients with chronic obstructive pulmonary disease with low body mass index.	O
67	High-flow nasal cannula therapy with sequential noninvasive ventilation versus noninvasive ventilation alone as the initial ventilatory strategy in acute COPD exacerbations: study protocol for a randomized controlled trial. <b>2022</b> , 23,	0
66	Automated Coronary Artery Calcium and Quantitative Emphysema in Lung Cancer Screening. Publish Ahead of Print,	O
65	Chronic Breathlessness in Obstructive Sleep Apnea and the Use of Lymphocyte Parameters to Identify Overlap Syndrome among Patients. <b>2023</b> , 12, 936	O
64	Validity and Reliability of the Persian Version of the St. George Respiratory Questionnaire for COPD. <b>2023</b> , 31, 93-99	O
63	Utility of nanomedicine and nanocarriers for noninfectious disease treatment. 2023, 207-223	0
62	Distinct COPD subtypes in former smokers revealed by gene network perturbation analysis. <b>2023</b> , 24,	O

61	Reduced Apela/APJ system expression in patients with pulmonary artery hypertension secondary to chronic obstructive pulmonary disease. <b>2023</b> , 59, 8-15	0
60	Impact of Body Composition and Sarcopenia on Mortality in Chronic Obstructive Pulmonary Disease Patients. <b>2023</b> , 12, 1321	О
59	Wearable device for sedentary behavior change in chronic obstructive pulmonary disease is feasible and acceptable. <b>2023</b> , 7, 79-85	0
58	Mechanism of lnRNA-ICL involved in lung cancer development in COPD patients through modulating microRNA-19-3p/NKRF/NF-B axis. <b>2023</b> , 23,	O
57	Idiopathic pulmonary fibrosis is more strongly associated with coronary artery disease than chronic obstructive pulmonary disease. <b>2023</b> , 211, 107195	0
56	High uric acid aggravates apoptosis of lung epithelial cells induced by cigarette smoke extract through downregulating PRDX2 in chronic obstructive pulmonary disease. <b>2023</b> , 118, 110056	О
55	cAMP-PDE signaling in COPD: Review of cellular, molecular and clinical features. 2023, 34, 101438	O
54	Using Reactive Machine Al to Derive Quantitative Lung CT Metrics of COPD, ILD, and COVID-19 Pneumonia. <b>2024</b> , 68-87	О
53	Assessment of Pulmonary Function in Patients Undergoing Pulmonary Rehabilitation. 2022, 2, 39-45	О
52	Physical frailty related to cognitive impairment and COPD exacerbation: A cross-sectional study. <b>2023</b> , 208, 107129	О
51	BRD4 is involved in viral exacerbation of chronic obstructive pulmonary disease. 2023, 24,	О
50	X chromosome associations with chronic obstructive pulmonary disease and related phenotypes: an X chromosome-wide association study. <b>2023</b> , 24,	О
49	Preoperative Spirometry in Patients With Known or Suspected Chronic Obstructive Pulmonary Disease Undergoing Major Surgery: The Prospective Observational PREDICT Study. Publish Ahead of Print,	O
48	The Pleiotropic Role of Vitamin K in Multimorbidity of Chronic Obstructive Pulmonary Disease. <b>2023</b> , 12, 1261	О
47	Bronchodilators in bronchiectasis: we urgently need more trials. 2023, 201, 5-7	О
46	Oral microbial dysbiosis in patients with periodontitis and chronic obstructive pulmonary disease. 13,	О
45	Cigarette smoke-induced pulmonary impairment is associated with social recognition memory impairments and alterations in microglial profiles within the suprachiasmatic nucleus of the hypothalamus. <b>2023</b> , 109, 292-307	O
44	Sarcopenia index as a predictor of clinical outcomes among older adult patients with acute exacerbation of chronic obstructive pulmonary disease: a cross-sectional study. <b>2023</b> , 23,	О

43	Treatment, diagnostics, and management of chronic obstructive pulmonary disease in women. <b>2023</b> , 33, 76-83	O
42	The clinical characteristics and treatment response of patients with chronic obstructive pulmonary disease with low body mass index.	O
41	A Unique Cellular Organization of Human Distal Airways and Its Disarray in Chronic Obstructive Pulmonary Disease.	1
40	Impact of Alcohol Consumption on Quality of Life, Depressive Mood and Metabolic Syndrome in Obstructive Lung Disease Patients: Analysis of Data from Korean National Health and Nutrition Examination Survey from 2014 and 2016. <b>2023</b> , 86, 111-119	O
39	Mind <b>B</b> ody Intervention for Dysfunctional Breathing in Chronic Obstructive Pulmonary Disease: Feasibility Study and Lessons Learned. <b>2023</b> , 29, 156-168	0
38	SIRT1 as a Potential Therapeutic Target for Chronic Obstructive Pulmonary Disease. <b>2023</b> , 201, 201-215	O
37	Immunomodulatory role of oral microbiota in inflammatory diseases and allergic conditions. 4,	O
36	The Effect of Threshold Loading Training and an Innovative Respiratory Training Devices with Lower Torso Sports Training in Asthma Patients: A Randomized Trial. <b>2023</b> , 2023, 1-10	O
35	Development and Internal Validation of Risk Assessment Models for Chronic Obstructive Pulmonary Disease in Coal Workers. <b>2023</b> , 20, 3655	0
34	Malnutrition associated with readmission in elderly patients with chronic obstructive pulmonary disease. <b>2023</b> , 136, 357-359	O
33	An Initial Assessment of the Decline With Age for the 6-minute Walk Test (6MWT) in Chinese Older Adults With Chronic Obstructive Pulmonary Disease (COPD). <b>2023</b> , 100262	0
32	Characteristics and outcomes of patients with chronic obstructive pulmonary disease admitted to the intensive care unit due to acute hypercapnic respiratory failure. <b>2023</b> , 38, 49-56	O
31	Trends and Rural-Urban Differences in the Initial Prescription of Low-Value Inhaled Corticosteroids among US Veterans with COPD.	O
30	Experiences of Using an Electronic Health Tool Among Health Care Professionals Involved in Chronic Obstructive Pulmonary Disease Management: Qualitative Analysis. 10, e43269	O
29	II his is What Lies Ahead∏Perspectives of Oxygen-Na⊠e COPD Patients on Long-Term Oxygen Use. A Qualitative Study. Volume 18, 181-188	O
28	Cigarettes, ENDS Use, and Chronic Obstructive Pulmonary Disease Incidence: A Prospective Longitudinal Study. <b>2023</b> ,	O
27	Airflow obstruction as a marker of adverse prognosis in rheumatoid arthritis. 10,	О
26	Long-term outcome of definitive radiotherapy for locally advanced non-small cell lung cancer: a real-world single-center study.	O

25	Cesium exposure and pulmonary function decline: Potential mediating role of oxidative stress in chronic obstructive pulmonary disease patients. <b>2023</b> , 14, 101719	О
24	Nanomedicine Applied to Inflammatory and Infectious Pulmonary Diseases. <b>2023</b> , 241-269	O
23	Real-World COPD Management Over 3 Years at the Community Health Service Center of Shanghai During the COVID-19 Pandemic in China. Volume 18, 349-364	O
22	A risk-predictive model for obstructive sleep apnea in patients with chronic obstructive pulmonary disease. 17,	O
21	Association between Albuminuria and Severity of Chronic Obstructive Pulmonary Disease: The 8th Korea National Health and Nutrition Examination Survey (2019). <b>2023</b> , 13, 31-37	O
20	Outdoor particulate matter exposure affects metabolome in chronic obstructive pulmonary disease: Preliminary study. 11,	O
19	Comparison of treatment persistence, adherence, and risk of exacerbation in patients with COPD treated with single-inhaler versus multiple-inhaler triple therapy: A prospective observational study in China. 14,	Ο
18	Circulating liver function markers and the risk of COPD in the UK Biobank. 14,	O
17	Chronic Obstructive Pulmonary Diseases (COPD) Management in Developing Countries. 2023, 1-28	0
16	The serum creatinine to cystatin C ratio predicts the risk of acute exacerbation of chronic obstructive pulmonary disease. <b>2023</b> , 102, e33304	O
15	Self-care Needs in Older Adults with Chronic Obstructive Pulmonary Disease Enrolled in a Community Care Unit: A Study Protocol. <b>2023</b> , 140-149	0
14	The effects of different inhalation therapies on less symptomatic chronic obstructive pulmonary disease patients in a Chinese population: a real-world study. <b>2023</b> , 55, 1317-1324	O
13	Psychological distress and its associated factors among patients with chronic obstructive pulmonary disease in Hunan, China: a cross-sectional study. <b>2023</b> , 13,	O
12	The impact of impaired sleep quality on symptom change and future exacerbation of chronic obstructive pulmonary disease. <b>2023</b> , 24,	O
11	Clinical Efficacy among Patients with Chronic Rhinosinusitis with Nasal Polyps and Clinical Features of Obstructive Lung Disease: Post Hoc Analysis of the Phase III SINUS-24 and SINUS-52 Studies. Volume 16, 333-342	0
10	Polypharmacy stewardship: a novel approach to tackle a major public health crisis. 2023,	O
9	Lung microbiome and cytokine profiles in different disease states of COPD: a cohort study. <b>2023</b> , 13,	О
8	Clinical features and 1-year outcomes of chronic bronchitis in participants with normal spirometry: results from the ECOPD study in China. <b>2023</b> , 10, e001449	O

7	Effect of internet-based pulmonary rehabilitation on physical capacity and health-related life quality in patients with chronic obstructive pulmonary disease-a systematic review and meta-analysis. 1-9	О
6	Identifying chronic obstructive pulmonary disease from integrative omics and clustering in lung tissue. <b>2023</b> , 23,	O
5	Influence of contrast agent on artificial intelligence-based CT low attenuation volume percentage measurement. 028418512311654	О
4	Specificity for the correlation between the body surface and viscera in the pathological state of COPD: A prospective, controlled, and assessor-blinded trial. 14,	O
3	Evaluation of Ocular Microvascular Characteristics in Smokers and Patients with Chronic Obstructive Pulmonary Disease Using an Optical Coherence Tomography Angiography. <b>2023</b> , 103578	0
2	Lung and Gut Microbiome in COPD. <b>2023</b> , 13, 804	O
1	Feasibility of a Home-Based Cognitive-Physical Exercise Program in Chronic Obstructive Pulmonary Disease Patients: Protocol for a Feasibility and Pilot Randomized Controlled Trial (Preprint).	0