Francesca Polverino

List of Publications by Year
in descending order

93	2,486	218592	214721
papers	citations	26 h-index	47 g-index

98	98	98	4580
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Type 2 inflammation modulates ACE2 and TMPRSS2 in airway epithelial cells. Journal of Allergy and Clinical Immunology, 2020, 146, 80-88.e8.	1.5	262
2	Mitochondrial iron chelation ameliorates cigarette smokeâ€“induced bronchitis and emphysema in mice. Nature Medicine, 2016, 22, 163-174.	15.2	206
3	Protective role for club cell secretory protein-16 (CC16) in the development of COPD. European Respiratory Journal, 2015, 45, 1544-1556.	3.1	115
4	Anatomy and neuro-pathophysiology of the cough reflex arc. Multidisciplinary Respiratory Medicine, 2012, 7, 5.	0.6	103
5	A Chronic Obstructive Pulmonary Disease Susceptibility Gene, FAM13A, Regulates Protein Stability of Î²-Catenin. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 185-197.	2.5	101
6	COPD as an endothelial disorder: endothelial injury linking lesions in the lungs and other organs? (2017 Grover Conference Series). Pulmonary Circulation, 2018, 8, 1-18.	0.8	90
7	What is early COPD and why is it important?. European Respiratory Journal, 2018, 52, 1801448.	3.1	90
8	B Cellâ€“Activating Factor. An Orchestrator of Lymphoid Follicles in Severe Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 695-705.	2.5	89
9	B cells in chronic obstructive pulmonary disease: moving to center stage. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 311, L687-L695.	1.3	83
10	Chronic Obstructive Pulmonary Disease (COPD) as a disease of early aging: Evidence from the EpiChron Cohort. PLoS ONE, 2018, 13, e0193143.	1.1	70
11	A Pilot Study Linking Endothelial Injury in Lungs and Kidneys in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 1464-1476.	2.5	67
12	Comparison of the 2017 and 2015 Global Initiative for Chronic Obstructive Lung Disease Reports. Impact on Grouping and Outcomes. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 463-469.	2.5	63
13	Comorbidities, Cardiovascular Therapies, and COVID-19 Mortality: A Nationwide, Italian Observational Study (ItaliCO). Frontiers in Cardiovascular Medicine, 2020, 7, 585866.	1.1	63
14	A Novel Insight into Adaptive Immunity in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 1011-1019.	2.5	62
15	Haploinsufficiency of Hedgehog interacting protein causes increased emphysema induced by cigarette smoke through network rewiring. Genome Medicine, 2015, 7, 12.	3.6	61
16	Club Cell Protein 16 (CC16) Augmentation: A Potential Disease-modifying Approach for Chronic Obstructive Pulmonary Disease (COPD). Expert Opinion on Therapeutic Targets, 2016, 20, 869-883.	1.5	60
17	ADAM9 Is a Novel Product of Polymorphonuclear Neutrophils: Regulation of Expression and Contributions to Extracellular Matrix Protein Degradation during Acute Lung Injury. Journal of Immunology, 2014, 193, 2469-2482.	0.4	53
18	Metformin: Experimental and Clinical Evidence for a Potential Role in Emphysema Treatment. American Journal of Respiratory and Critical Care Medicine, 2021, 204, 651-666.	2.5	49

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19	Cigarette Smoking and COVID-19: A Complex Interaction. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 471-472.	2.5	44
20	Mononuclear Phagocytes and Airway Epithelial Cells: Novel Sources of Matrix Metalloproteinase-8 (MMP-8) in Patients with Idiopathic Pulmonary Fibrosis. PLoS ONE, 2014, 9, e97485.	1.1	42
21	Effects of sex hormones on bronchial reactivity during the menstrual cycle. BMC Pulmonary Medicine, 2014, 14, 108.	0.8	39
22	Adam8 Limits the Development of Allergic Airway Inflammation in Mice. Journal of Immunology, 2013, 190, 6434-6449.	0.4	33
23	The Challenge of Controlling the COPD Epidemic: Unmet Needs. American Journal of Medicine, 2018, 131, 1-6.	0.6	33
24	A Novel Nonhuman Primate Model of Cigarette Smokeâ€“Induced Airway Disease. American Journal of Pathology, 2015, 185, 741-755.	1.9	31
25	A Disintegrin and Metalloproteinase Domain-8: A Novel Protective Proteinase in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 1254-1267.	2.5	31
26	Matrix metalloproteinase-9 deficiency protects mice from severe influenza A viral infection. JCI Insight, 2018, 3, .	2.3	31
27	Supplementation with QterÂ® and Creatine improves functional performance in COPD patients on long term oxygen therapy. Respiratory Medicine, 2018, 142, 86-93.	1.3	28
28	Clinical Presentations, Pathogenesis, and Therapy of Sarcoidosis: State of the Art. Journal of Clinical Medicine, 2020, 9, 2363.	1.0	28
29	A Disintegrin and Metalloproteinase Domain-9: A Novel Proteinase Culprit with Multifarious Contributions to Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 1500-1518.	2.5	25
30	COVID-19, COPD, and AECOPD: Immunological, Epidemiological, and Clinical Aspects. Frontiers in Medicine, 2020, 7, 627278.	1.2	24
31	C-Reactive Protein and Carotid Intima-Media Thickness in Children with Sleep Disordered Breathing. Journal of Clinical Sleep Medicine, 2013, 09, 493-498.	1.4	23
32	CFTR regulates B cell activation and lymphoid follicle development. Respiratory Research, 2019, 20, 133.	1.4	23
33	B Cellâ€“Adaptive Immune Profile in Emphysema-Predominant Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 1434-1439.	2.5	22
34	Plasma metabolomics and clinical predictors of survival differences in COPD patients. Respiratory Research, 2019, 20, 219.	1.4	22
35	The Course of Lung Function in Middle-aged Heavy Smokers: Incidence and Time to Early Onset of Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 1449-1451.	2.5	20
36	CC16 Binding to Î±₄Î²₁ Integrin Protects against Mycoplasma pneumoniae Infection. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 1410-1418.	2.5	20

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37	Impaired exercise performance in systemic sclerosis and its clinical correlations. Scandinavian Journal of Rheumatology, 2010, 39, 330-335.	0.6	19
38	ValidaciÃ³n pronÃ³stica segÃºn los criterios de la GesEPOC 2017. Archivos De Bronconeumologia, 2019, 55, 409-413.	0.4	18
39	Club cell protein 16 (Cc16) deficiency increases inflammâ€aging in the lungs of mice. Physiological Reports, 2018, 6, e13797.	0.7	15
40	Beclin-1 regulates cigarette smokeâ€“induced kidney injury in a murine model of chronic obstructive pulmonary disease. JCI Insight, 2018, 3, .	2.3	15
41	Montelukast Improves Symptoms and Lung Function in Asthmatic Women Compared With Men. Frontiers in Pharmacology, 2019, 10, 1094.	1.6	14
42	Lung MRI as a Potential Complementary Diagnostic Tool for Early COPD. American Journal of Medicine, 2020, 133, 757-760.	0.6	14
43	Simplificando las guÃas: los 10 mandamientos de la EPOC. Archivos De Bronconeumologia, 2016, 52, 179-180.	0.4	11
44	Cigarette Smoke Is an Endothelial Cell Toxin. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 274-274.	2.5	11
45	Hedgehog interacting protein (HHIP) represses airway remodeling and metabolic reprogramming in COPD-derived airway smooth muscle cells. Scientific Reports, 2021, 11, 9074.	1.6	11
46	A Novel Protective Role for Matrix Metalloproteinase-8 in the Pulmonary Vasculature. American Journal of Respiratory and Critical Care Medicine, 2021, 204, 1433-1451.	2.5	11
47	Exercise capacity and cytochrome oxidase activity in muscle mitochondria of COPD patients. Respiratory Medicine, 2010, 104, 83-90.	1.3	10
48	Increased expression of A Proliferation-inducing Ligand (APRIL) in lung leukocytes and alveolar epithelial cells in COPD patients with non small cell lung cancer: a possible link between COPD and lung cancer?. Multidisciplinary Respiratory Medicine, 2016, 11, 17.	0.6	10
49	COPD: To Be or Not to Be, That is the Question. American Journal of Medicine, 2019, 132, 1271-1278.	0.6	10
50	Nociceptin/Orphanin Fq in inflammation and remodeling of the small airways in experimental model of airway hyperresponsiveness. Physiological Reports, 2018, 6, e13906.	0.7	8
51	Somatotypes trajectories during adulthood and their association with COPD phenotypes. ERJ Open Research, 2020, 6, 00122-2020.	1.1	8
52	Small airways and early origins of COPD: pathobiological and epidemiological considerations. European Respiratory Journal, 2020, 55, 1902457.	3.1	8
53	Skeletal Muscle Oxidative Metabolism in an Animal Model of Pulmonary Emphysema. American Journal of Respiratory Cell and Molecular Biology, 2013, 48, 198-203.	1.4	7
54	Simplifying the Guidelines: The 10 COPD Commandments. Archivos De Bronconeumologia, 2016, 52, 179-180.	0.4	7

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55	Acidâ€“base balance, serum electrolytes and need for non-invasive ventilation in patients with hypercapnic acute exacerbation of chronic obstructive pulmonary disease admitted to an internal medicine ward. Multidisciplinary Respiratory Medicine, 2016, 11, 23.	0.6	6
56	Smoking Pattern in Men and Women: A Possible Contributor to Sex Differences in Smoke-related Lung Diseases. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 1048-1051.	2.5	6
57	Idiopathic pulmonary fibrosis and coronary artery disease. Multidisciplinary Respiratory Medicine, 2014, 9, 31.	0.6	5
58	Editorial - High dose intravenous immunoglobulins as a therapeutic option for COVID-19 patients. European Review for Medical and Pharmacological Sciences, 2020, 24, 5178-5179.	0.5	5
59	CC16 deficiency in the context of early life Mycoplasma pneumoniae infection results in augmented airway responses in adult mice.. Infection and Immunity, 2021, , IAI0054821.	1.0	5
60	Sexual intercourse and respiratory failure. Respiratory Medicine, 2008, 102, 927-931.	1.3	4
61	Prognostic Validation Using GesEPOC 2017 Severity Criteria. Archivos De Bronconeumologia, 2019, 55, 409-413.	0.4	4
62	Best of Milan 2017â€”repair of the emphysematous lung: mesenchymal stromal cell and matrix. Journal of Thoracic Disease, 2017, 9, S1544-S1547.	0.6	3
63	Gas exchange and breathing pattern in women with postmenopausal bone fragility. Respiratory Medicine, 2018, 137, 141-146.	1.3	3
64	First description of obstructive sleep apnea and its clinical consequences on quality of life in Bardetâ€“Biedl syndrome. Respiratory Medicine CME, 2008, 1, 182-184.	0.1	2
65	Subphenotypes: the many faces of chronic obstructive pulmonary disease. Therapy: Open Access in Clinical Medicine, 2009, 6, 771-773.	0.2	2
66	Voice Box Symptoms: A Hitherto Unknown Presentation of Pulmonary Embolism. American Journal of Respiratory and Critical Care Medicine, 2013, 187, 108-110.	2.5	2
67	Recumbent deoxygenation in mild/moderate liver cirrhosis: the â€œClinodeoxiaâ€• The ortho-clino paradigm. Respiratory Medicine, 2014, 108, 1040-1048.	1.3	2
68	Deconvoluting Chronic Obstructive Pulmonary Disease: Are B Cells the Frontrunners?. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 1170-1171.	2.5	2
69	The ABCs of Granulomatous Lung Diseases: Age-associated B Cells. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 922-924.	2.5	2
70	Lung Spatial Profiling Reveals a T Cell Signature in COPD Patients with Fatal SARS-CoV-2 Infection. Cells, 2022, 11, 1864.	1.8	2
71	The low flyers: persistent airflow limitation in young adults. Lancet Respiratory Medicine,the, 2022, 10, 819-822.	5.2	2
72	Chronic Obstructive Pulmonary Disease: Breathing New Life into Old Cardiovascular Drugs?. Annals of the American Thoracic Society, 2017, 14, 1718-1718.	1.5	1

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73	Reply to Voelkel: Cigarette Smoke Is an Endothelial Cell Toxin. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 274-275.	2.5	1
74	Asthma and COPD: Just Old Friends or Relatives?. American Journal of Respiratory and Critical Care Medicine, 2021, 204, 870-871.	2.5	1
75	RP EBUS as a guide for transbronchial pulmonary biopsy in the diagnosis of organizing pneumonia. Multidisciplinary Respiratory Medicine, 2020, 15, 658.	0.6	1
76	Tweaking lung inflammation in COPD: the â€œmirkyâ€•ways of miRNAs. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 321, L1089-L1090.	1.3	1
77	Kidney and lung in pathology: mechanisms and clinical implications. Multidisciplinary Respiratory Medicine, 2022, 17, 819.	0.6	1
78	Adaptive immune responses and protein homeostasis in COPD: the immunoproteasome. European Respiratory Journal, 2022, 59, 2102557.	3.1	1
79	Selecting the Right Patient: The Achilles Heel of COPD Clinical Trials. American Journal of Respiratory and Critical Care Medicine, 2022, 206, 1051-1052.	2.5	1
80	Relationship Between Sleep Disturbances And Central Drive In Amyotrophic Lateral Sclerosis (ALS). , 2010, , .		0
81	A Novel Approach To Detect Exercise Capacity By A Simple Ambulatory-Based Test: Oxymaster. , 2011, , .		0
82	Unusual Onset Of Fatal Massive Pulmonary Embolism. , 2011, , .		0
83	Juniorsâ€™ voice at the ERS International Congress, Amsterdam 2015. Breathe, 2015, 11, 303-305.	0.6	0
84	Surface-bound TIMP-1 on PMNs promotes pericellular proteolysis: A new culprit in COPD?. , 2015, , .		0
85	B-cell activating factor: The architect of lymphoid follicles in severe COPD. , 2015, , .		0
86	Identification of clinical phenotypes in patients with and without COPD using cluster analysis. , 2016, , .		0
87	Increased expression of a proliferation-inducing ligand (APRIL) in lung leukocytes and alveolar epithelial cells in COPD patients with non small cell lung cancer: A possible link between COPD and lung cancer?. , 2016, , .		0
88	Evidence of renal and pulmonary endothelial dysfunction in chronic obstructive pulmonary disease (COPD). , 2016, , .		0
89	Lung Cancer Screening Programs: a missed â€œwindowâ€•to diagnose Obstructive Lung Disease. The NLST-ACRIN experience.. , 2018, , .		0
90	Late Breaking Abstract - QterÂ® and Creatine improve functional performance in COPD patients on long-term oxygen therapy. , 2018, , .		0

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91	Late Breaking Abstract - B cell adaptive immune profile in emphysema-predominant COPD. , 2019, , .		0
92	Montelukast induces better control of symptoms and management of lung function, and decreased inflammation in women compared with men. , 2019, , .		0
93	Somatotypes trajectories during adulthood and its association with COPD phenotypes. , 2020, , .		0