

# Roberto Tonelli

## List of Publications by Year in descending order

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Version: 2024-02-01

96  
papers

3,317  
citations

218381

26  
h-index

161609

54  
g-index

103  
all docs

103  
docs citations

103  
times ranked

6806  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tocilizumab in patients with severe COVID-19: a retrospective cohort study. <i>Lancet Rheumatology</i> , The, 2020, 2, e474-e484.	2.2	772
2	Marked T cell activation, senescence, exhaustion and skewing towards TH17 in patients with COVID-19 pneumonia. <i>Nature Communications</i> , 2020, 11, 3434.	5.8	636
3	Feasibility and clinical impact of out-of-ICU noninvasive respiratory support in patients with COVID-19-related pneumonia. <i>European Respiratory Journal</i> , 2020, 56, 2002130.	3.1	207
4	Early Inspiratory Effort Assessment by Esophageal Manometry Predicts Noninvasive Ventilation Outcome in <i>De Novo</i> Respiratory Failure. A Pilot Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 558-567.	2.5	155
5	Use of Corticosteroids in Coronavirus Disease 2019 Pneumonia: A Systematic Review of the Literature. <i>Frontiers in Medicine</i> , 2020, 7, 170.	1.2	141
6	Hypokalemia in Patients with COVID-19. <i>Clinical and Experimental Nephrology</i> , 2021, 25, 401-409.	0.7	78
7	Acute exacerbation of idiopathic pulmonary fibrosis: lessons learned from acute respiratory distress syndrome?. <i>Critical Care</i> , 2018, 22, 80.	2.5	66
8	Ultrasound assessment of diaphragmatic function in patients with amyotrophic lateral sclerosis. <i>Respirology</i> , 2016, 21, 932-938.	1.3	65
9	Prevalence and outcomes of diaphragmatic dysfunction assessed by ultrasound technology during acute exacerbation of COPD: A pilot study. <i>Respirology</i> , 2017, 22, 338-344.	1.3	62
10	Ultrasound-assessed diaphragmatic impairment is a predictor of outcomes in patients with acute exacerbation of chronic obstructive pulmonary disease undergoing noninvasive ventilation. <i>Critical Care</i> , 2018, 22, 109.	2.5	62
11	High flow nasal therapy versus noninvasive ventilation as initial ventilatory strategy in COPD exacerbation: a multicenter non-inferiority randomized trial. <i>Critical Care</i> , 2020, 24, 692.	2.5	61
12	Different Methods to Improve the Monitoring of Noninvasive Respiratory Support of Patients with Severe Pneumonia/ARDS Due to COVID-19: An Update. <i>Journal of Clinical Medicine</i> , 2022, 11, 1704.	1.0	53
13	Effectiveness of pulmonary rehabilitation in patients with interstitial lung disease of different etiology: a multicenter prospective study. <i>BMC Pulmonary Medicine</i> , 2017, 17, 130.	0.8	50
14	Real-life comparison of pirfenidone and nintedanib in patients with idiopathic pulmonary fibrosis: A 24-month assessment. <i>Respiratory Medicine</i> , 2019, 159, 105803.	1.3	50
15	The performance of the GAP model in patients with rheumatoid arthritis associated interstitial lung disease. <i>Respiratory Medicine</i> , 2017, 127, 51-56.	1.3	49
16	Acute exacerbation of interstitial lung diseases secondary to systemic rheumatic diseases: a prospective study and review of the literature. <i>Journal of Thoracic Disease</i> , 2019, 11, 1621-1628.	0.6	45
17	Machine learning in predicting respiratory failure in patients with COVID-19 pneumonia—Challenges, strengths, and opportunities in a global health emergency. <i>PLoS ONE</i> , 2020, 15, e0239172.	1.1	43
18	Idiopathic pulmonary fibrosis: diagnostic pitfalls and therapeutic challenges. <i>Multidisciplinary Respiratory Medicine</i> , 2012, 7, 42.	0.6	42

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19	Inspiratory Effort and Lung Mechanics in Spontaneously Breathing Patients with Acute Respiratory Failure due to COVID-19: A Matched Control Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 725-728.	2.5	41
20	Two fatal cases of acute liver failure due to HSV-1 infection in COVID-19 patients following immunomodulatory therapies. <i>Clinical Infectious Diseases</i> , 2021, 73, e252-e255.	2.9	39
21	Molecular Mechanisms and Cellular Contribution from Lung Fibrosis to Lung Cancer Development. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12179.	1.8	39
22	Cytomegalovirus blood reactivation in COVID-19 critically ill patients: risk factors and impact on mortality. <i>Intensive Care Medicine</i> , 2022, 48, 706-713.	3.9	39
23	Surfactant replacement might help recovery of low-compliance lung in severe COVID-19 pneumonia. <i>Therapeutic Advances in Respiratory Disease</i> , 2020, 14, 175346662095104.	1.0	33
24	Spontaneous Breathing and Evolving Phenotypes of Lung Damage in Patients with COVID-19: Review of Current Evidence and Forecast of a New Scenario. <i>Journal of Clinical Medicine</i> , 2021, 10, 975.	1.0	32
25	Early awake proning in critical and severe COVID-19 patients undergoing noninvasive respiratory support: A retrospective multicenter cohort study. <i>Pulmonology</i> , 2022, 28, 181-192.	1.0	32
26	An Italian sacrifice to the COVID-19 epidemic. <i>European Respiratory Journal</i> , 2020, 55, 2001445.	3.1	30
27	Ventilatory support and mechanical properties of the fibrotic lung acting as a "œsquishy ball". <i>Annals of Intensive Care</i> , 2020, 10, 13.	2.2	29
28	Pulmonary Stretch and Lung Mechanotransduction: Implications for Progression in the Fibrotic Lung. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6443.	1.8	28
29	Herpes Simplex Virus Re-Activation in Patients with SARS-CoV-2 Pneumonia: A Prospective, Observational Study. <i>Microorganisms</i> , 2021, 9, 1896.	1.6	28
30	Novel drug targets for idiopathic pulmonary fibrosis. <i>Expert Review of Respiratory Medicine</i> , 2016, 10, 393-405.	1.0	27
31	Fibrotic Idiopathic Interstitial Lung Disease: The Molecular and Cellular Key Players. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8952.	1.8	27
32	Serial ultrasound assessment of diaphragmatic function and clinical outcome in patients with amyotrophic lateral sclerosis. <i>BMC Pulmonary Medicine</i> , 2019, 19, 160.	0.8	20
33	COVID-19-associated vasculitis and thrombotic complications: from pathological findings to multidisciplinary discussion. <i>Rheumatology</i> , 2020, 59, e147-e150.	0.9	19
34	Dissecting the Role of Mesenchymal Stem Cells in Idiopathic Pulmonary Fibrosis: Cause or Solution. <i>Frontiers in Pharmacology</i> , 2021, 12, 692551.	1.6	17
35	Molecular Mechanisms and Physiological Changes behind Benign Tracheal and Subglottic Stenosis in Adults. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2421.	1.8	16
36	Prevalence and development of chronic critical illness in acute patients admitted to a respiratory intensive care setting. <i>Pulmonology</i> , 2020, 26, 151-158.	1.0	15

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37	Better prognosis in females with severe COVID-19 pneumonia: possible role of inflammation as potential mediator. <i>Clinical Microbiology and Infection</i> , 2021, 27, 1137-1144.	2.8	15
38	&lt;p&gt;Respiratory Mechanics and Diaphragmatic Dysfunction in COPD Patients Who Failed Non-Invasive Mechanical Ventilation&lt;/p&gt;. <i>International Journal of COPD</i> , 2019, Volume 14, 2575-2585.	0.9	13
39	First and second waves among hospitalised patients with COVID-19 with severe pneumonia: a comparison of 28-day mortality over the 1-year pandemic in a tertiary university hospital in Italy. <i>BMJ Open</i> , 2022, 12, e054069.	0.8	13
40	Nasal pressure swings as the measure of inspiratory effort in spontaneously breathing patients with de novo acute respiratory failure. <i>Critical Care</i> , 2022, 26, 70.	2.5	10
41	The effect of bronchodilators on forced vital capacity measurement in patients with idiopathic pulmonary fibrosis. <i>Respiratory Medicine</i> , 2015, 109, 1058-1062.	1.3	9
42	Integrated interventional bronchoscopy in the treatment of locally advanced non-small lung cancer with central Malignant airway Obstructions: a multicentric RETrospective study (EVERMORE). <i>Lung Cancer</i> , 2020, 148, 40-47.	0.9	8
43	An umbrella review of systematic reviews with meta-analyses evaluating positive and negative outcomes of Hydroxychloroquine and chloroquine therapy. <i>International Journal of Infectious Diseases</i> , 2021, 103, 599-606.	1.5	8
44	Endobronchial valve positioning for alveolar-pleural fistula following ICU management complicating COVID-19 pneumonia. <i>BMC Pulmonary Medicine</i> , 2021, 21, 307.	0.8	8
45	Incidence, Etiology, and Clinicopathologic Features of Endobronchial Benign Lesions. <i>Journal of Bronchology and Interventional Pulmonology</i> , 2018, 25, 118-124.	0.8	7
46	An uncommon cause of hemoptysis: aortobronchial fistula. <i>Multidisciplinary Respiratory Medicine</i> , 2018, 13, 25.	0.6	7
47	Development and validation of a prediction model for tocilizumab failure in hospitalized patients with SARS-CoV-2 infection. <i>PLoS ONE</i> , 2021, 16, e0247275.	1.1	7
48	Acute severe asthma: management and treatment. <i>Minerva Medica</i> , 2021, 112, 605-614.	0.3	6
49	Subclinical liver fibrosis in patients with idiopathic pulmonary fibrosis. <i>Internal and Emergency Medicine</i> , 2021, 16, 349-357.	1.0	5
50	Risk Factors for Pulmonary Air Leak and Clinical Prognosis in Patients With COVID-19 Related Acute Respiratory Failure: A Retrospective Matched Control Study. <i>Frontiers in Medicine</i> , 2022, 9, 848639.	1.2	5
51	Medullary neuropathology in sleep apnoea. <i>Respirology</i> , 2017, 22, 829-829.	1.3	4
52	Endoscopic Bronchopleural Fistula Repair Using Autologous Fat Graft. <i>Annals of Thoracic Surgery</i> , 2022, 114, e393-e396.	0.7	4
53	Looking for a chronic care model in COPD patients. <i>European Respiratory Journal</i> , 2018, 51, 1702087.	3.1	3
54	Atypical diagnosis for typical lung carcinoid. <i>BMC Pulmonary Medicine</i> , 2019, 19, 168.	0.8	3

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55	Effects of cytokine blocking agents on hospital mortality in patients admitted to ICU with acute respiratory distress syndrome by SARS-CoV-2 infection: retrospective cohort study. <i>Multidisciplinary Respiratory Medicine</i> , 2021, 16, 737.	0.6	3
56	Differences between Acute Exacerbations of Idiopathic Pulmonary Fibrosis and Other Interstitial Lung Diseases. <i>Diagnostics</i> , 2021, 11, 1623.	1.3	3
57	Rehabilitation of Difficult-to-Wean, Tracheostomized Patients Admitted to Specialized Unit: Retrospective Analyses over 10-Years. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2982.	1.2	3
58	Awaiting a cure for COVID-19: therapeutic approach in patients with different severity levels of COVID-19. <i>Infezioni in Medicina</i> , 2022, 30, 11-21.	0.7	3
59	Janus-faced amiodarone-induced pneumopathy. <i>Pulmonology</i> , 2020, 26, 101-103.	1.0	2
60	Reply to Spinelli et al. and to Jha: Continued Vigorous Inspiratory Effort as a Predictor of Noninvasive Ventilation Failure. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 1739-1741.	2.5	2
61	Reply to Tuffet et al. and to Michard and Shelley. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 771-772.	2.5	2
62	Unusual effectiveness of systemic steroids in Whipple disease. <i>Pulmonology</i> , 2020, 26, 415-417.	1.0	2
63	Stenting versus balloon dilatation in patients with tracheal benign stenosis: The STROBE trial. <i>Laryngoscope Investigative Otolaryngology</i> , 2022, 7, 395-403.	0.6	2
64	Breakthroughs in internal and respiratory medicine. <i>Lancet Respiratory Medicine</i> , 2015, 3, 600-602.	5.2	1
65	When Acute Respiratory Distress Syndrome is not ARDS. <i>Lung</i> , 2016, 194, 865-866.	1.4	1
66	COPD exacerbation and diaphragmatic dysfunction: Conditions with mutual influence influencing outcomes? " Reply. <i>Respirology</i> , 2017, 22, 830-831.	1.3	1
67	An uncommon cause of pneumonia: The golden diagnosis. <i>Respiratory Medicine Case Reports</i> , 2017, 22, 51-52.	0.2	1
68	Use of adjunct cardiovascular therapy in patients hospitalised for acute exacerbations of COPD. <i>ERJ Open Research</i> , 2018, 4, 00087-2018.	1.1	1
69	Breathlessness, but not cough, suggests chronic obstructive pulmonary disease in elderly smokers with stable heart failure. <i>Multidisciplinary Respiratory Medicine</i> , 2018, 13, 35.	0.6	1
70	The engaged lung: rapidly progressive idiopathic pleurisy. <i>Oxford Medical Case Reports</i> , 2018, 2018, omy041.	0.2	1
71	INCIDENCE AND PREDICTORS OF DELIRIUM IN PATIENTS WITH ACUTE RESPIRATORY FAILURE UNDERGOING NON-INVASIVE MECHANICAL VENTILATION. <i>Chest</i> , 2020, 157, A410.	0.4	1
72	Echoendoscopic appearance of mediastinal metastasis from papillary renal carcinoma. <i>Thoracic Cancer</i> , 2020, 11, 3631-3633.	0.8	1

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73	Multicentre match-paired analysis of advanced biliary cancer long-term survivors: The BILONG study. Clinics and Research in Hepatology and Gastroenterology, 2022, 46, 101955.	0.7	1
74	AB0342â€¦Rheumatoid Arthritis Related Interstitial Lung Disease. Radiological Patterns and Correlations with Clinical, Serological and Demographic Features of Disease. Annals of the Rheumatic Diseases, 2014, 73, 917.3-917.	0.5	0
75	Impaired function in the complex patient with COPD: a matter to be considered. Revista Portuguesa De Pneumologia, 2015, 21, 227-229.	0.7	0
76	Vanishing lung emphysema during chemotherapy for malignant pleural mesothelioma. Chest Disease Reports, 2018, 6, .	0.0	0
77	Never Give Up: Lesson learned from a severe COVID-19 patient. Pulmonology, 2021, 27, 257-260.	1.0	0
78	Changes in Clinical Characteristics and Outcomes of Patients Admitted to Inpatient Cardiac Rehabilitation. International Journal of Environmental Research and Public Health, 2021, 18, 8871.	1.2	0
79	Use of Pirfenidone in Idiopathic Pulmonary Fibrosis: A Case Study. International Journal of Clinical Reviews, 0, , .	0.1	0
80	Time course of diaphragmatic ultrasonography and prognosis in patients with ALS. , 2017, , .		0
81	An uncommon cause of hemoptysis: aortobronchial fistula. Multidisciplinary Respiratory Medicine, 0, 13, .	0.6	0
82	Chronic critical illness in patients with acute respiratory failure admitted to a respiratory intensive care unit. , 2018, , .		0
83	Role of lung elastance on diaphragmatic dysfunction in exacerbated COPD patients who failed NIV. , 2019, , .		0
84	Trans-esophageal and dynamic transpulmonary pressure in patients with de novo respiratory failure undergoing NIV. , 2019, , .		0
85	The multi-morbidity patient. , 2020, , 349-357.		0
86	STENTING VERSUS BALLOON DILATATION IN PATIENTS WITH TRACHEAL BENIGN STENOSIS â€” THE STROBE TRIAL. , 2021, , .		0
87	ENDOBONCHIAL VALVE POSITIONING FOR ALVEOLAR-PLEURAL FISTULA COMPLICATING SEVERE COVID-19 PNEUMONIA. , 2021, , .		0
88	Late Breaking Abstract - Inspiratory Effort And Respiratory Mechanics In Spontaneously Breathing Covid-19 Patients On Hospital Admission. , 2021, , .		0
89	AWAKE PRONE POSITION IN CRITICAL AND SEVERE COVID-19 PATIENTS UNDERGOING NONINVASIVE RESPIRATORY SUPPORT: A RETROSPECTIVE MULTICENTER COHORT STUDY. , 2021, , .		0
90	Onset and clinical predictors of delirium in patients undergoing non-invasive mechanical ventilation for acute respiratory failure â€” NIVILIUM multicenter trial. , 2020, , .		0

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91	Extensive Tracheal Injuries: A Reasoned Multistep Approach to Guarantee Mechanical Ventilatory Support Developed During the COVID-19 Pandemic. <i>OTO Open</i> , 2022, 6, 2473974X2210804.	0.6	0
92	Association between respiratory distress time and invasive mechanical ventilation in COVID-19 patients: a multicentre regional cohort study.. <i>Pulmonology</i> , 2022, , .	1.0	0
93	Title is missing!., 2020, 15, e0239172.		0
94	Title is missing!., 2020, 15, e0239172.		0
95	Title is missing!., 2020, 15, e0239172.		0
96	Title is missing!., 2020, 15, e0239172.		0