

# Roberto Tonelli

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

74  
papers

1,887  
citations

19  
h-index

43  
g-index

103  
ext. papers

2,680  
ext. citations

5.5  
avg, IF

4.8  
L-index

| #  | Paper  | IF   | Citations |
|----|--|------|-----------|
| 74 | Tocilizumab in patients with severe COVID-19: a retrospective cohort study. <i>Lancet Rheumatology, The</i> , <b>2020</b> , 2, e474-e484   | 14.2 | 583       |
| 73 | Marked T cell activation, senescence, exhaustion and skewing towards TH17 in patients with COVID-19 pneumonia. <i>Nature Communications</i> , <b>2020</b> , 11, 3434   | 17.4 | 361       |
| 72 | Feasibility and clinical impact of out-of-ICU noninvasive respiratory support in patients with COVID-19-related pneumonia. <i>European Respiratory Journal</i> , <b>2020</b> , 56,   | 13.6 | 112       |
| 71 | Use of Corticosteroids in Coronavirus Disease 2019 Pneumonia: A Systematic Review of the Literature. <i>Frontiers in Medicine</i> , <b>2020</b> , 7, 170   | 4.9  | 109       |
| 70 | Early Inspiratory Effort Assessment by Esophageal Manometry Predicts Noninvasive Ventilation Outcome in Respiratory Failure. A Pilot Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2020</b> , 202, 558-567 | 10.2 | 81        |
| 69 | Ultrasound assessment of diaphragmatic function in patients with amyotrophic lateral sclerosis. <i>Respirology</i> , <b>2016</b> , 21, 932-8   | 3.6  | 49        |
| 68 | Effectiveness of pulmonary rehabilitation in patients with interstitial lung disease of different etiology: a multicenter prospective study. <i>BMC Pulmonary Medicine</i> , <b>2017</b> , 17, 130   | 3.5  | 39        |
| 67 | Prevalence and outcomes of diaphragmatic dysfunction assessed by ultrasound technology during acute exacerbation of COPD: A pilot study. <i>Respirology</i> , <b>2017</b> , 22, 338-344  | 3.6  | 38        |
| 66 | Acute exacerbation of idiopathic pulmonary fibrosis: lessons learned from acute respiratory distress syndrome?. <i>Critical Care</i> , <b>2018</b> , 22, 80  | 10.8 | 37        |
| 65 | 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> , <b>2018</b> , 22, 109      | 10.8 | 35        |
| 64 | Idiopathic pulmonary fibrosis: diagnostic pitfalls and therapeutic challenges. <i>Multidisciplinary Respiratory Medicine</i> , <b>2012</b> , 7, 42   | 3    | 34        |
| 63 | The performance of the GAP model in patients with rheumatoid arthritis associated interstitial lung disease. <i>Respiratory Medicine</i> , <b>2017</b> , 127, 51-56  | 4.6  | 33        |
| 62 | Hypokalemia in Patients with COVID-19. <i>Clinical and Experimental Nephrology</i> , <b>2021</b> , 25, 401-409   | 2.5  | 29        |
| 61 | High flow nasal therapy versus noninvasive ventilation as initial ventilatory strategy in COPD exacerbation: a multicenter non-inferiority randomized trial. <i>Critical Care</i> , <b>2020</b> , 24, 692                                  | 10.8 | 24        |
| 60 | 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> , <b>2019</b> , 11, 1621-1628                              | 2.6  | 23        |
| 59 | Real-life comparison of pirfenidone and nintedanib in patients with idiopathic pulmonary fibrosis: A 24-month assessment. <i>Respiratory Medicine</i> , <b>2019</b> , 159, 105803  | 4.6  | 20        |
| 58 | 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> , <b>2020</b> , 15, e0239172                                 | 3.7  | 19        |

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| 57 | 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> , <b>2021</b> , 10,  | 5.1  | 19 |
| 56 | Novel drug targets for idiopathic pulmonary fibrosis. <i>Expert Review of Respiratory Medicine</i> , <b>2016</b> , 10, 393-405  | 3.8  | 16 |
| 55 | Surfactant replacement might help recovery of low-compliance lung in severe COVID-19 pneumonia. <i>Therapeutic Advances in Respiratory Disease</i> , <b>2020</b> , 14, 1753466620951043   | 4.9  | 16 |
| 54 | Two Fatal Cases of Acute Liver Failure Due to HSV-1 Infection in COVID-19 Patients Following Immunomodulatory Therapies. <i>Clinical Infectious Diseases</i> , <b>2021</b> , 73, e252-e255  | 11.6 | 15 |
| 53 | Ventilatory support and mechanical properties of the fibrotic lung acting as a "squishy ball". <i>Annals of Intensive Care</i> , <b>2020</b> , 10, 13   | 8.9  | 14 |
| 52 | 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> , <b>2021</b> , 204, 725-728 | 10.2 | 14 |
| 51 | 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> , <b>2022</b> , 11,  | 5.1  | 13 |
| 50 | Molecular Mechanisms and Cellular Contribution from Lung Fibrosis to Lung Cancer Development. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,  | 6.3  | 12 |
| 49 | COVID-19-associated vasculitis and thrombotic complications: from pathological findings to multidisciplinary discussion. <i>Rheumatology</i> , <b>2020</b> , 59, e147-e150  | 3.9  | 12 |
| 48 | Early awake proning in critical and severe COVID-19 patients undergoing noninvasive respiratory support: A retrospective multicenter cohort study. <i>Pulmonology</i> , <b>2021</b> ,   | 3.7  | 12 |
| 47 | Better prognosis in females with severe COVID-19 pneumonia: possible role of inflammation as potential mediator. <i>Clinical Microbiology and Infection</i> , <b>2021</b> , 27, 1137-1144   | 9.5  | 10 |
| 46 | Serial ultrasound assessment of diaphragmatic function and clinical outcome in patients with amyotrophic lateral sclerosis. <i>BMC Pulmonary Medicine</i> , <b>2019</b> , 19, 160   | 3.5  | 8  |
| 45 | Respiratory Mechanics and Diaphragmatic Dysfunction in COPD Patients Who Failed Non-Invasive Mechanical Ventilation. <i>International Journal of COPD</i> , <b>2019</b> , 14, 2575-2585   | 3    | 8  |
| 44 | The effect of bronchodilators on forced vital capacity measurement in patients with idiopathic pulmonary fibrosis. <i>Respiratory Medicine</i> , <b>2015</b> , 109, 1058-62   | 4.6  | 7  |
| 43 | Pulmonary Stretch and Lung Mechanotransduction: Implications for Progression in the Fibrotic Lung. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,   | 6.3  | 7  |
| 42 | Prevalence and development of chronic critical illness in acute patients admitted to a respiratory intensive care setting. <i>Pulmonology</i> , <b>2020</b> , 26, 151-158   | 3.7  | 6  |
| 41 | Dissecting the Role of Mesenchymal Stem Cells in Idiopathic Pulmonary Fibrosis: Cause or Solution. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 692551  | 5.6  | 6  |
| 40 | Incidence, Etiology, and Clinicopathologic Features of Endobronchial Benign Lesions: A 10-Year Consecutive Retrospective Study. <i>Journal of Bronchology and Interventional Pulmonology</i> , <b>2018</b> , 25, 118-124                          | 1.8  | 4  |

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| 39 | 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> , <b>2021</b> , 103, 599-606                     | 10.5 | 4 |
| 38 | Fibrotic Idiopathic Interstitial Lung Disease: The Molecular and Cellular Key Players. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,   | 6.3  | 4 |
| 37 | Herpes Simplex Virus Re-Activation in Patients with SARS-CoV-2 Pneumonia: A Prospective, Observational Study. <i>Microorganisms</i> , <b>2021</b> , 9,  | 4.9  | 4 |
| 36 | An uncommon cause of hemoptysis: aortobronchial fistula. <i>Multidisciplinary Respiratory Medicine</i> , <b>2018</b> , 13, 25   | 3    | 3 |
| 35 | Medullary neuropathology in sleep apnoea. <i>Respirology</i> , <b>2017</b> , 22, 829  | 3.6  | 2 |
| 34 | Reply to Tuffet and to Michard and Shelley. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2020</b> , 202, 771-772  | 10.2 | 2 |
| 33 | 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> , <b>2020</b> , 148, 40-47                | 5.9  | 2 |
| 32 | Development and validation of a prediction model for tocilizumab failure in hospitalized patients with SARS-CoV-2 infection. <i>PLoS ONE</i> , <b>2021</b> , 16, e0247275   | 3.7  | 2 |
| 31 | COPD exacerbation and diaphragmatic dysfunction: Conditions with mutual influence influencing outcomes? - Reply. <i>Respirology</i> , <b>2017</b> , 22, 830-831   | 3.6  | 1 |
| 30 | Atypical diagnosis for typical lung carcinoid. <i>BMC Pulmonary Medicine</i> , <b>2019</b> , 19, 168  | 3.5  | 1 |
| 29 | Breakthroughs in internal and respiratory medicine. <i>Lancet Respiratory Medicine</i> , <b>2015</b> , 3, 600-2   | 35.1 | 1 |
| 28 | Unusual effectiveness of systemic steroids in Whipple disease. <i>Pulmonology</i> , <b>2020</b> , 26, 415-417   | 3.7  | 1 |
| 27 | Acute severe asthma: management and treatment. <i>Minerva Medica</i> , <b>2021</b> , 112, 605-614   | 2.2  | 1 |
| 26 | Subclinical liver fibrosis in patients with idiopathic pulmonary fibrosis. <i>Internal and Emergency Medicine</i> , <b>2021</b> , 16, 349-357   | 3.7  | 1 |
| 25 | Reply to Spinelli and to Jha: Continued Vigorous Inspiratory Effort as a Predictor of Noninvasive Ventilation Failure. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2020</b> , 202, 1739-1741                                   | 10.2 | 1 |
| 24 | 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> , <b>2021</b> , 16, 737 | 3    | 1 |
| 23 | When Acute Respiratory Distress Syndrome is not ARDS. <i>Lung</i> , <b>2016</b> , 194, 865-6  | 2.9  | 1 |
| 22 | Janus-faced amiodarone-induced pneumopathy. <i>Pulmonology</i> , <b>2020</b> , 26, 101-103  | 3.7  | 1 |

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| 21 | Use of adjunct cardiovascular therapy in patients hospitalised for acute exacerbations of COPD. <i>ERJ Open Research</i> , <b>2018</b> , 4,   | 3.5  | 1 |
| 20 | Breathlessness, but not cough, suggests chronic obstructive pulmonary disease in elderly smokers with stable heart failure. <i>Multidisciplinary Respiratory Medicine</i> , <b>2018</b> , 13, 35  | 3    | 1 |
| 19 | Stenting versus balloon dilatation in patients with tracheal benign stenosis: The STROBE trial.. <i>Laryngoscope Investigative Otolaryngology</i> , <b>2022</b> , 7, 395-403  | 2.8  | 1 |
| 18 | Awaiting a cure for COVID-19: therapeutic approach in patients with different severity levels of COVID-19.. <i>Infezioni in Medicina</i> , <b>2022</b> , 30, 11-21  | 3.6  | 1 |
| 17 | The engaged lung: rapidly progressive idiopathic pleurisy. <i>Oxford Medical Case Reports</i> , <b>2018</b> , 2018, omy046  | 0.4  | 0 |
| 16 | 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> , <b>2022</b> , 12, e054069  | 3    | 0 |
| 15 | Endobronchial valve positioning for alveolar-pleural fistula following ICU management complicating COVID-19 pneumonia. <i>BMC Pulmonary Medicine</i> , <b>2021</b> , 21, 307  | 3.5  | 0 |
| 14 | 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> , <b>2022</b> , 9, 848639                      | 4.9  | 0 |
| 13 | Nasal pressure swings as the measure of inspiratory effort in spontaneously breathing patients with de novo acute respiratory failure.. <i>Critical Care</i> , <b>2022</b> , 26, 70   | 10.8 | 0 |
| 12 | AB0342 Rheumatoid Arthritis Related Interstitial Lung Disease. Radiological Patterns and Correlations with Clinical, Serological and Demographic Features of Disease. <i>Annals of the Rheumatic Diseases</i> , <b>2014</b> , 73, 917.3-917 | 2.4  |   |
| 11 | An uncommon cause of pneumonia: The golden diagnosis. <i>Respiratory Medicine Case Reports</i> , <b>2017</b> , 22, 51-52  | 1.2  |   |
| 10 | The multi-morbidity patient <b>2020</b> , 349-357   |      |   |
| 9  | Erratum to 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> , <b>2020</b> , 12, 6411-6411 <sup>2,6</sup>     | 2.6  |   |
| 8  | Echoendoscopic appearance of mediastinal metastasis from papillary renal carcinoma. <i>Thoracic Cancer</i> , <b>2020</b> , 11, 3631-3633  | 3.2  |   |
| 7  | Never Give Up: Lesson learned from a severe COVID-19 patient. <i>Pulmonology</i> , <b>2021</b> , 27, 257-260  | 3.7  |   |
| 6  | Extensive Tracheal Injuries: A Reasoned Multistep Approach to Guarantee Mechanical Ventilatory Support Developed During the COVID-19 Pandemic.. <i>OTO Open</i> , <b>2022</b> , 6, 2473974X221080446  | 2    |   |
| 5  | Machine learning in predicting respiratory failure in patients with COVID-19 pneumonia Challenges, strengths, and opportunities in a global health emergency <b>2020</b> , 15, e0239172   |      |   |
| 4  | Machine learning in predicting respiratory failure in patients with COVID-19 pneumonia Challenges, strengths, and opportunities in a global health emergency <b>2020</b> , 15, e0239172   |      |   |

- 3 Machine learning in predicting respiratory failure in patients with COVID-19 pneumonia Challenges, strengths, and opportunities in a global health emergency **2020**, 15, e0239172
- 2 Machine learning in predicting respiratory failure in patients with COVID-19 pneumonia Challenges, strengths, and opportunities in a global health emergency **2020**, 15, e0239172
- 1 Multicentre match-paired analysis of advanced biliary cancer long-term survivors: the BILONG study. *Clinics and Research in Hepatology and Gastroenterology*, **2022**, 101955 2.4