

# Wolfram Windisch

## List of Publications by Year in descending order

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Version: 2024-02-01

81  
papers

4,113  
citations

159585

30  
h-index

118850

62  
g-index

84  
all docs

84  
docs citations

84  
times ranked

3032  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Non-invasive positive pressure ventilation for the treatment of severe stable chronic obstructive pulmonary disease: a prospective, multicentre, randomised, controlled clinical trial. <i>Lancet Respiratory Medicine</i> , 2014, 2, 698-705. | 10.7 | 594       |
| 2  | Extracorporeal membrane oxygenation: evolving epidemiology and mortality. <i>Intensive Care Medicine</i> , 2016, 42, 889-896.  | 8.2  | 382       |
| 3  | High-intensity versus low-intensity non-invasive ventilation in patients with stable hypercapnic COPD: a randomised crossover trial. <i>Thorax</i> , 2010, 65, 303-308.  | 5.6  | 235       |
| 4  | The Severe Respiratory Insufficiency (SRI) Questionnaire A specific measure of health-related quality of life in patients receiving home mechanical ventilation. <i>Journal of Clinical Epidemiology</i> , 2003, 56, 752-759.                  | 5.0  | 183       |
| 5  | European Respiratory Society guidelines on long-term home non-invasive ventilation for management of COPD. <i>European Respiratory Journal</i> , 2019, 54, 1901003.  | 6.7  | 181       |
| 6  | Outcome of Patients With Stable COPD Receiving Controlled Noninvasive Positive Pressure Ventilation Aimed at a Maximal Reduction of Paco <sub>2</sub> . <i>Chest</i> , 2005, 128, 657-662.   | 0.8  | 167       |
| 7  | High-intensity non-invasive positive pressure ventilation for stable hypercapnic COPD. <i>International Journal of Medical Sciences</i> , 2009, 6, 72-76.  | 2.5  | 144       |
| 8  | ERS clinical practice guidelines: high-flow nasal cannula in acute respiratory failure. <i>European Respiratory Journal</i> , 2022, 59, 2101574.   | 6.7  | 110       |
| 9  | Major differences in ICU admissions during the first and second COVID-19 wave in Germany. <i>Lancet Respiratory Medicine</i> , 2021, 9, e47-e48.   | 10.7 | 104       |
| 10 | Predictors of Survival in COPD Patients With Chronic Hypercapnic Respiratory Failure Receiving Noninvasive Home Ventilation. <i>Chest</i> , 2007, 131, 1650-1658.  | 0.8  | 102       |
| 11 | Noninvasive Ventilation in COPD. <i>Chest</i> , 2011, 140, 939-945.  | 0.8  | 86        |
| 12 | German National Guideline for Treating Chronic Respiratory Failure with Invasive and Non-Invasive Ventilation – Revised Edition 2017: Part 2. <i>Respiration</i> , 2018, 96, 171-203.  | 2.6  | 82        |
| 13 | Liver Fibrosis and Metabolic Alterations in Adults With alpha-1-antitrypsin Deficiency Caused by the Pi*ZZ Mutation. <i>Gastroenterology</i> , 2019, 157, 705-719.e18.   | 1.3  | 82        |
| 14 | Comparison of volume- and pressure-limited NPPV at night: a prospective randomized cross-over trial. <i>Respiratory Medicine</i> , 2005, 99, 52-59.  | 2.9  | 75        |
| 15 | Domiciliary Non-invasive Ventilation in COPD: An International Survey of Indications and Practices. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2016, 13, 483-490.   | 1.6  | 72        |
| 16 | Low-flow assessment of current ECMO/ECCO <sub>2</sub> R rotary blood pumps and the potential effect on hemocompatibility. <i>Critical Care</i> , 2019, 23, 348.  | 5.8  | 70        |
| 17 | Nocturnal non-invasive positive pressure ventilation: Physiological effects on spontaneous breathing. <i>Respiratory Physiology and Neurobiology</i> , 2006, 150, 251-260.   | 1.6  | 69        |
| 18 | German National Guideline for Treating Chronic Respiratory Failure with Invasive and Non-Invasive Ventilation: Revised Edition 2017 – Part 1. <i>Respiration</i> , 2018, 96, 66-97.  | 2.6  | 68        |

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|----|---|-----|-----------|
| 19 | Quality of life and life satisfaction are severely impaired in patients with long-term invasive ventilation following ICU treatment and unsuccessful weaning. <i>Annals of Intensive Care</i> , 2018, 8, 38.            | 4.6 | 65        |
| 20 | Effects of a Comprehensive Pulmonary Rehabilitation in Severe Post-COVID-19 Patients. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2695.  | 2.6 | 65        |
| 21 | The Severe Respiratory Insufficiency Questionnaire was valid for COPD patients with severe chronic respiratory failure. <i>Journal of Clinical Epidemiology</i> , 2008, 61, 848-853.                                    | 5.0 | 62        |
| 22 | Evaluation of health-related quality of life using the MOS 36-Item Short-Form Health Status Survey in patients receiving noninvasive positive pressure ventilation. <i>Intensive Care Medicine</i> , 2003, 29, 615-621. | 8.2 | 60        |
| 23 | Impact of membrane lung surface area and blood flow on extracorporeal CO <sub>2</sub> removal during severe respiratory acidosis. <i>Intensive Care Medicine Experimental</i> , 2017, 5, 34.                            | 1.9 | 56        |
| 24 | Complete countrywide mortality in COVID patients receiving ECMO in Germany throughout the first three waves of the pandemic. <i>Critical Care</i> , 2021, 25, 413.  | 5.8 | 51        |
| 25 | Nocturnal non-invasive positive pressure ventilation for COPD. <i>Expert Review of Respiratory Medicine</i> , 2015, 9, 295-308.   | 2.5 | 47        |
| 26 | Regional expiratory time constants in severe respiratory failure estimated by electrical impedance tomography: a feasibility study. <i>Critical Care</i> , 2018, 22, 221.   | 5.8 | 42        |
| 27 | Prolonged Weaning from Mechanical Ventilation: Results from Specialized Weaning Centers. <i>Deutsches A&amp;#x0308;rztblatt International</i> , 2020, 117, 197-204.   | 0.9 | 42        |
| 28 | Home Mechanical Ventilation for COPD: High-Intensity Versus Target Volume Noninvasive Ventilation. <i>Respiratory Care</i> , 2014, 59, 1389-1397.   | 1.6 | 41        |
| 29 | Impact of High-Intensity-NIV on the heart in stable COPD: a randomised cross-over pilot study. <i>Respiratory Research</i> , 2017, 18, 76.  | 3.6 | 40        |
| 30 | Invasive and Non-Invasive Ventilation in Patients With COVID-19. <i>Deutsches A&amp;#x0308;rztblatt International</i> , 2020, 117, 528-533.   | 0.9 | 40        |
| 31 | Validity and Usability of Physical Activity Monitoring in Patients with Chronic Obstructive Pulmonary Disease (COPD). <i>PLoS ONE</i> , 2016, 11, e0157229.   | 2.5 | 39        |
| 32 | Influence of Different Trigger Techniques on Twitch Mouth Pressure During Bilateral Anterior Magnetic Phrenic Nerve Stimulation. <i>Chest</i> , 2005, 128, 190-195.   | 0.8 | 31        |
| 33 | Optimizing inhalation technique using web-based videos in obstructive lung diseases. <i>Respiratory Medicine</i> , 2017, 129, 140-144.  | 2.9 | 27        |
| 34 | Interfaces and ventilator settings for long-term noninvasive ventilation in COPD patients. <i>International Journal of COPD</i> , 2017, Volume 12, 1883-1889.   | 2.3 | 26        |
| 35 | Is Outpatient Control of Long-Term Non-Invasive Ventilation Feasible in Chronic Obstructive Pulmonary Disease Patients?. <i>Respiration</i> , 2018, 95, 154-160.  | 2.6 | 26        |
| 36 | Impact of sweep gas flow on extracorporeal CO <sub>2</sub> removal (ECCO <sub>2</sub> R). <i>Intensive Care Medicine Experimental</i> , 2019, 7, 17.  | 1.9 | 26        |

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|----|---|-----|-----------|
| 37 | <p>&lt;p&gt;Prevalence Of Chronic Hypercapnia In Severe Chronic Obstructive Pulmonary Disease: Data From The HOmeVent Registry&lt;/p&gt;. International Journal of COPD, 2019, Volume 14, 2377-2384.</p>  | 2.3 | 24        |
| 38 | <p>Control of respiratory drive by extracorporeal CO2 removal in acute exacerbation of COPD breathing on non-invasive NAVA. Critical Care, 2019, 23, 135.</p>   | 5.8 | 24        |
| 39 | <p>Long-term volume-targeted pressure-controlled ventilation: sense&amp;Aor&amp;Anonsense?. European Respiratory Journal, 2017, 49, 1602193.</p>  | 6.7 | 23        |
| 40 | <p>Capillary PO&lt;sub&gt;2&lt;/sub&gt;&amp;nbsp;&amp;nbsp;&amp;nbsp;does not adequately reflect arterial PO&lt;sub&gt;2&lt;/sub&gt;&amp;nbsp;&amp;nbsp;&amp;nbsp;in hypoxemic COPD patients. International Journal of COPD, 2017, Volume 12, 2647-2653.</p>                              | 2.3 | 23        |
| 41 | <p>Home noninvasive ventilatory support for patients with chronic obstructive pulmonary disease: patient selection and perspectives. International Journal of COPD, 2018, Volume 13, 753-760.</p>   | 2.3 | 23        |
| 42 | <p>Using a smartphone application maintains physical activity following pulmonary rehabilitation in patients with COPD: a randomised controlled trial. Thorax, 2023, 78, 442-450.</p>   | 5.6 | 22        |
| 43 | <p>REINVENT: ERS International survey on REstrictive thoracic diseases IN long term home noninvasive VENTilation. ERJ Open Research, 2021, 7, 00911-2020.</p>   | 2.6 | 21        |
| 44 | <p>Observational study of changes in utilization and outcomes in mechanical ventilation in COVID-19. PLoS ONE, 2022, 17, e0262315.</p>  | 2.5 | 21        |
| 45 | <p>Continuous non&amp;Aeinvasive &lt;scp&gt;PCO&lt;sub&gt;2&lt;/sub&gt;&lt;/scp&gt; monitoring in weaning patients: &lt;scp&gt;T&lt;/scp&gt;ranscutaneous is advantageous over end&amp;Aetidial &lt;scp&gt;PCO&lt;sub&gt;2&lt;/sub&gt;&lt;/scp&gt;. Respirology, 2017, 22, 1579-1584.</p> | 2.3 | 20        |
| 46 | <p>The Severe Respiratory Insufficiency Questionnaire for Subjects With COPD With Long-Term Oxygen Therapy. Respiratory Care, 2016, 61, 1186-1191.</p>  | 1.6 | 17        |
| 47 | <p>Outpatient Noninvasive Ventilation. Chest, 2020, 158, 2255-2257.</p>   | 0.8 | 17        |
| 48 | <p>Long-Term Survival of a Patient with Congenital Central Hypoventilation Syndrome despite the Lack of Continuous Ventilatory Support. Respiration, 2004, 71, 195-198.</p>   | 2.6 | 13        |
| 49 | <p>Comparison of Different Disease-Specific Health-Related Quality of Life Measurements in Patients with Long-Term Noninvasive Ventilation. Canadian Respiratory Journal, 2017, 2017, 1-7.</p>  | 1.6 | 13        |
| 50 | <p>Safety and Efficacy of a Novel Pneumatically Driven Extracorporeal Membrane Oxygenation Device. Annals of Thoracic Surgery, 2020, 109, 1684-1691.</p>  | 1.3 | 13        |
| 51 | <p>Validation of the Japanese Severe Respiratory Insufficiency Questionnaire in hypercapnic patients with noninvasive ventilation. Respiratory Investigation, 2017, 55, 166-172.</p>  | 1.8 | 12        |
| 52 | <p>Health-related quality of life measurement in patients with chronic respiratory failure. Respiratory Investigation, 2018, 56, 214-221.</p>   | 1.8 | 12        |
| 53 | <p>Clinical evidence for respiratory insufficiency type II predicts weaning failure in long-term ventilated, tracheotomised patients: a retrospective analysis. Journal of Intensive Care, 2018, 6, 67.</p>   | 2.9 | 12        |
| 54 | <p>The minimal clinically important difference of the Severe Respiratory Insufficiency questionnaire in severe COPD. European Respiratory Journal, 2020, 56, 2001334.</p>   | 6.7 | 12        |

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|----|---|------|-----------|
| 55 | Assessment of Sleep in Patients Receiving Invasive Mechanical Ventilation in a Specialized Weaning Unit. <i>Lung</i> , 2017, 195, 361-369.  | 3.3  | 10        |
| 56 | Psychometric properties of the German version of the Leicester Cough Questionnaire in sarcoidosis. <i>PLoS ONE</i> , 2018, 13, e0205308.  | 2.5  | 9         |
| 57 | Respiratory muscle involvement in sarcoidosis. <i>Expert Review of Respiratory Medicine</i> , 2018, 12, 545-548.  | 2.5  | 9         |
| 58 | Living conditions and autonomy levels in COPD patients receiving non-invasive ventilation: impact on health related quality of life. <i>BMC Pulmonary Medicine</i> , 2021, 21, 255.   | 2.0  | 9         |
| 59 | Anemia Severely Reduces Health-Related Quality of Life in COPD Patients Receiving Long-Term Home Non-Invasive Ventilation. <i>International Journal of COPD</i> , 2021, Volume 16, 2963-2971.   | 2.3  | 9         |
| 60 | Development of the Diaphragmatic Paralysis Questionnaire: a simple tool for patient relevant outcome. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021, 32, 244-249.   | 1.1  | 9         |
| 61 | Walking with Non-Invasive Ventilation Does Not Prevent Exercise-Induced Hypoxaemia in Stable Hypercapnic COPD Patients. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2015, 12, 546-551.                                    | 1.6  | 8         |
| 62 | Current Practices in Home Mechanical Ventilation for Chronic Obstructive Pulmonary Disease: A Real-Life Cross-Sectional Multicentric Study. <i>International Journal of COPD</i> , 2021, Volume 16, 2217-2226.                                | 2.3  | 8         |
| 63 | Outcomes after Prolonged Weaning in Chronic Obstructive Pulmonary Disease Patients: Data from the German WeanNet Initiative. <i>Respiration</i> , 2022, 101, 585-592.   | 2.6  | 8         |
| 64 | Differential cytology profiles in bronchoalveolar lavage (BAL) in COVID-19 patients. <i>Medicine (United Tj ETQq0 0 0 rgBT /Overlock 10 Tf</i>  | 1.8  | 7         |
| 65 | Clinical and Functional Predictors of Response to a Comprehensive Pulmonary Rehabilitation in Severe Post-COVID-19 Patients. <i>Microorganisms</i> , 2021, 9, 2452.   | 3.6  | 7         |
| 66 | Respiratory acidosis during bronchoscopy-guided percutaneous dilatational tracheostomy: impact of ventilator settings and endotracheal tube size. <i>BMC Anesthesiology</i> , 2019, 19, 147.  | 1.8  | 6         |
| 67 | Oronasal versus Nasal Masks for Non-Invasive Ventilation in COPD: A Randomized Crossover Trial. <i>International Journal of COPD</i> , 2021, Volume 16, 771-781.  | 2.3  | 6         |
| 68 | Whole-Body Vibration Training During a Low Frequency Outpatient Exercise Training Program in Chronic Obstructive Pulmonary Disease Patients: A Randomized, Controlled Trial. <i>Journal of Clinical Medicine Research</i> , 2017, 9, 396-402. | 1.2  | 6         |
| 69 | Non-invasive positive pressure ventilation for severe COPDâ€™Authors' reply. <i>Lancet Respiratory Medicine</i> , 2014, 2, e19.   | 10.7 | 5         |
| 70 | Validation of the Hungarian version of the SRI Questionnaire. <i>BMC Pulmonary Medicine</i> , 2020, 20, 130.  | 2.0  | 5         |
| 71 | Flow-dependent resistance of nasal masks used for non-invasive positive pressure ventilation. <i>Respirology</i> , 2006, 11, 471-476.   | 2.3  | 4         |
| 72 | Conservative management of COVID-19 associated hypoxaemia. <i>ERJ Open Research</i> , 2021, 7, 00113-2021.  | 2.6  | 4         |

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|----|--|-----|-----------|
| 73 | Portable NIV for patients with moderate to severe COPD: two randomized crossover trials. <i>Respiratory Research</i> , 2021, 22, 123.  | 3.6 | 4         |
| 74 | Patient Satisfaction and Clinical Outcomes with Budesonide plus Formoterol Spiromax for Asthma and Chronic Obstructive Pulmonary Disease: A Real-World, Observational Trial. <i>Respiration</i> , 2019, 97, 292-301.                     | 2.6 | 3         |
| 75 | Cognitive Function After Lung Transplantation. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1324, 91-101.  | 1.6 | 3         |
| 76 | To the Editor. <i>Chest</i> , 2006, 129, 494-495.  | 0.8 | 2         |
| 77 | Don't forget about neuromuscular disorders!. <i>European Respiratory Journal</i> , 2018, 52, 1801657.  | 6.7 | 1         |
| 78 | Defining "stable chronic hypercapnia" in patients with COPD: the physiological perspective. <i>European Respiratory Journal</i> , 2020, 55, 1902365.   | 6.7 | 1         |
| 79 | Sarcoidosis involvement of the diaphragm leading to right diaphragmatic elevation: a case report. <i>Sarcoidosis Vasculitis and Diffuse Lung Diseases</i> , 2021, 38, e2021011.  | 0.2 | 0         |
| 80 | The Italian Version of the Severe Respiratory Insufficiency Questionnaire. <i>Respiration</i> , 2022, 101, 654-657.  | 2.6 | 0         |
| 81 | Toward a digital decision- and workflow-support system for initiation and control of long-term non-invasive ventilation in stable hypercapnic COPD patients. <i>Therapeutic Advances in Chronic Disease</i> , 2022, 13, 204062232210993. | 2.5 | 0         |