

Wim Janssens

List of Publications by Year in Descending Order

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Version: 2024-04-28

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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.

116
papers

5,944
citations

32
h-index

76
g-index

186
ext. papers

7,455
ext. citations

7.4
avg, IF

5.79
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 116 | Non-typeable <i>Haemophilus influenzae</i> - <i>Moraxella catarrhalis</i> vaccine for the prevention of exacerbations in chronic obstructive pulmonary disease: a multicentre, randomised, placebo-controlled, observer-blinded, proof-of-concept, phase 2b trial.. <i>Lancet Respiratory Medicine</i> , 2022 , | 35.1 | 4 |
| 115 | AIM in Respiratory Disorders 2022 , 759-772 | | |
| 114 | Local nebulization of 1,25(OH) ₂ D attenuates LPS-induced acute lung inflammation.. <i>Respiratory Research</i> , 2022 , 23, 76 | 7.3 | 2 |
| 113 | Effects of repeated infections with non-typeable <i>Haemophilus influenzae</i> on lung in vitamin D deficient and smoking mice.. <i>Respiratory Research</i> , 2022 , 23, 40 | 7.3 | |
| 112 | Prospective longitudinal evaluation of hospitalised COVID-19 survivors 3 and 12 months after discharge.. <i>ERJ Open Research</i> , 2022 , 8, | 3.5 | 4 |
| 111 | Vitamin D Actions: The Lung Is a Major Target for Vitamin D, FGF23, and Klotho.. <i>JBMR Plus</i> , 2021 , 5, e10569 | 3.69 | 3 |
| 110 | FOOTPRINTS study protocol: rationale and methodology of a 3-year longitudinal observational study to phenotype patients with COPD. <i>BMJ Open</i> , 2021 , 11, e042526 | 3 | 1 |
| 109 | Impact of COVID-19: urging a need for multi-domain assessment of COVID-19 inpatients. <i>European Geriatric Medicine</i> , 2021 , 12, 741-748 | 3 | 6 |
| 108 | Enhanced lung inflammatory response in whole-body compared to nose-only cigarette smoke-exposed mice. <i>Respiratory Research</i> , 2021 , 22, 86 | 7.3 | 4 |
| 107 | Lung volume reduction in emphysema: a pragmatic prospective cohort study. <i>ERJ Open Research</i> , 2021 , 7, | 3.5 | 0 |
| 106 | Itraconazole for COVID-19: preclinical studies and a proof-of-concept randomized clinical trial. <i>EBioMedicine</i> , 2021 , 66, 103288 | 8.8 | 7 |
| 105 | Vitamin D supplementation to prevent acute respiratory infections: a systematic review and meta-analysis of aggregate data from randomised controlled trials. <i>Lancet Diabetes and Endocrinology</i> , 2021 , 9, 276-292 | 18.1 | 98 |
| 104 | Vitamin K metabolism as the potential missing link between lung damage and thromboembolism in Coronavirus disease 2019. <i>British Journal of Nutrition</i> , 2021 , 126, 191-198 | 3.6 | 24 |
| 103 | Small airway loss in the physiologically ageing lung: a cross-sectional study in unused donor lungs. <i>Lancet Respiratory Medicine</i> , 2021 , 9, 167-174 | 35.1 | 18 |
| 102 | AIM in Respiratory Disorders 2021 , 1-14 | | |
| 101 | Standardisation of Clinical Assessment, Management and Follow-Up of Acute Hospitalised Exacerbation of COPD: A Europe-Wide Consensus. <i>International Journal of COPD</i> , 2021 , 16, 321-332 | 3 | 5 |
| 100 | The combination of smoking with vitamin D deficiency impairs skeletal muscle fiber hypertrophy in response to overload in mice. <i>Journal of Applied Physiology</i> , 2021 , 131, 339-351 | 3.7 | 1 |

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| 99 | COVID-19 recovery: benefits of multidisciplinary respiratory rehabilitation. <i>BMJ Open Respiratory Research</i> , 2021 , 8, | 5.6 | 4 |
| 98 | Seroprevalence of Antibodies against Diphtheria, Tetanus and Pertussis in Adult At-Risk Patients. <i>Vaccines</i> , 2021 , 9, | 5.3 | 2 |
| 97 | Rationale for azithromycin in COVID-19: an overview of existing evidence. <i>BMJ Open Respiratory Research</i> , 2021 , 8, | 5.6 | 23 |
| 96 | Withdrawal of inhaled corticosteroids in COPD: a European Respiratory Society guideline. <i>European Respiratory Journal</i> , 2020 , 55, | 13.6 | 48 |
| 95 | Applications of artificial intelligence and machine learning in respiratory medicine. <i>Thorax</i> , 2020 , 75, 695-701 | 7.3 | 21 |
| 94 | Deep-learning algorithm helps to standardise ATS/ERS spirometric acceptability and usability criteria. <i>European Respiratory Journal</i> , 2020 , 56, | 13.6 | 9 |
| 93 | Local expression profiles of vitamin D-related genes in airways of COPD patients. <i>Respiratory Research</i> , 2020 , 21, 137 | 7.3 | 11 |
| 92 | Vitamin D Metabolism Is Dysregulated in Asthma and Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 202, 371-382 | 10.2 | 27 |
| 91 | Lung Function in Asthma, Chronic Obstructive Pulmonary Disease, and Lung Fibrosis 2020 , 681-696 | | 0 |
| 90 | Acute exacerbations of chronic obstructive pulmonary disease: in search of diagnostic biomarkers and treatable traits. <i>Thorax</i> , 2020 , 75, 520-527 | 7.3 | 43 |
| 89 | Effects of downhill walking in pulmonary rehabilitation for patients with COPD: a randomised controlled trial. <i>European Respiratory Journal</i> , 2020 , 56, | 13.6 | 9 |
| 88 | Exacerbations of chronic obstructive pulmonary disease: time to rename. <i>Lancet Respiratory Medicine</i> , 2020 , 8, 133-135 | 35.1 | 9 |
| 87 | Vaccination coverage of recommended vaccines and determinants of vaccination in at-risk groups. <i>Human Vaccines and Immunotherapeutics</i> , 2020 , 16, 2136-2143 | 4.4 | 14 |
| 86 | Increased expression of ACE2, the SARS-CoV-2 entry receptor, in alveolar and bronchial epithelium of smokers and COPD subjects. <i>European Respiratory Journal</i> , 2020 , 56, | 13.6 | 40 |
| 85 | analysis of a randomised controlled trial: effect of vitamin D supplementation on circulating levels of desmosine in COPD. <i>ERJ Open Research</i> , 2020 , 6, | 3.5 | 1 |
| 84 | Targeting Vitamin D Deficiency to Limit Exacerbations in Respiratory Diseases: Utopia or Strategy With Potential?. <i>Calcified Tissue International</i> , 2020 , 106, 76-87 | 3.9 | 14 |
| 83 | Protocol for the EARCO Registry: a pan-European observational study in patients with α 1-antitrypsin deficiency. <i>ERJ Open Research</i> , 2020 , 6, | 3.5 | 4 |
| 82 | Vitamin D to prevent exacerbations of COPD: systematic review and meta-analysis of individual participant data from randomised controlled trials. <i>Thorax</i> , 2019 , 74, 337-345 | 7.3 | 79 |

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| 81 | Spirometric indices of early airflow impairment in individuals at risk of developing COPD: Spirometry beyond FEV ₁ /FVC. <i>Respiratory Medicine</i> , 2019 , 156, 58-68 | 4.6 | 20 |
| 80 | Vitamin D Modulates the Response of Bronchial Epithelial Cells Exposed to Cigarette Smoke Extract. <i>Nutrients</i> , 2019 , 11, | 6.7 | 7 |
| 79 | Artificial intelligence for pulmonary function test interpretation. <i>European Respiratory Journal</i> , 2019 , 53, | 13.6 | 3 |
| 78 | Azithromycin during Acute Chronic Obstructive Pulmonary Disease Exacerbations Requiring Hospitalization (BACE). A Multicenter, Randomized, Double-Blind, Placebo-controlled Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 200, 857-868 | 10.2 | 31 |
| 77 | Area under the forced expiratory flow-volume loop in spirometry indicates severe hyperinflation in COPD patients. <i>International Journal of COPD</i> , 2019 , 14, 409-418 | 3 | 13 |
| 76 | The past, present and future of pulmonary rehabilitation. <i>Respirology</i> , 2019 , 24, 830-837 | 3.6 | 25 |
| 75 | Artificial intelligence outperforms pulmonologists in the interpretation of pulmonary function tests. <i>European Respiratory Journal</i> , 2019 , 53, | 13.6 | 45 |
| 74 | Estimating Airway Resistance from Forced Expiration in Spirometry. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 2842 | 2.6 | 2 |
| 73 | Low Vitamin K Status Is Associated with Increased Elastin Degradation in Chronic Obstructive Pulmonary Disease. <i>Journal of Clinical Medicine</i> , 2019 , 8, | 5.1 | 18 |
| 72 | Strategies to Increase Physical Activity in Chronic Respiratory Diseases. <i>Clinics in Chest Medicine</i> , 2019 , 40, 397-404 | 5.3 | 16 |
| 71 | Treatment failure and hospital readmissions in severe COPD exacerbations treated with azithromycin versus placebo - a post-hoc analysis of the BACE randomized controlled trial. <i>Respiratory Research</i> , 2019 , 20, 237 | 7.3 | 10 |
| 70 | Airway morphometry in COPD with bronchiectasis: a view on all airway generations. <i>European Respiratory Journal</i> , 2019 , 54, | 13.6 | 5 |
| 69 | Multidisciplinary Perspectives on the Importance of Physical Activity in COPD. <i>Archivos De Bronconeumologia</i> , 2019 , 55, 551-552 | 0.7 | |
| 68 | Copper-Heparin Inhalation Therapy To Repair Emphysema: A Scientific Rationale. <i>International Journal of COPD</i> , 2019 , 14, 2587-2602 | 3 | 3 |
| 67 | Vitamin D supplementation to prevent acute respiratory infections: individual participant data meta-analysis. <i>Health Technology Assessment</i> , 2019 , 23, 1-44 | 4.4 | 142 |
| 66 | Pulmonary rehabilitation 2019 , 239-248 | | |
| 65 | Airway infection with Nontypeable Haemophilus influenzae is more rapidly eradicated in vitamin D deficient mice. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019 , 187, 42-51 | 5.1 | 8 |
| 64 | How resources determine pulmonary rehabilitation programs: A survey among Belgian chest physicians. <i>Chronic Respiratory Disease</i> , 2019 , 16, 1479972318767732 | 3 | 7 |

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| 63 | Effect of Bronchodilation, Exercise Training, and Behavior Modification on Symptoms and Physical Activity in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 1021-1032 | 10.2 | 57 |
| 62 | DPP4, the Middle East Respiratory Syndrome Coronavirus Receptor, is Upregulated in Lungs of Smokers and Chronic Obstructive Pulmonary Disease Patients. <i>Clinical Infectious Diseases</i> , 2018 , 66, 45-53 | 11.6 | 63 |
| 61 | Artificial intelligence in diagnosis of obstructive lung disease: current status and future potential. <i>Current Opinion in Pulmonary Medicine</i> , 2018 , 24, 117-123 | 3 | 45 |
| 60 | Overuse of inhaled corticosteroids in COPD: five questions for withdrawal in daily practice. <i>International Journal of COPD</i> , 2018 , 13, 2089-2099 | 3 | 21 |
| 59 | Aspergillus fumigatus Detection and Risk Factors in Patients with COPD-Bronchiectasis Overlap. <i>International Journal of Molecular Sciences</i> , 2018 , 19, | 6.3 | 19 |
| 58 | RNA-sequencing in non-small cell lung cancer shows gene downregulation of therapeutic targets in tumor tissue compared to non-malignant lung tissue. <i>Radiation Oncology</i> , 2018 , 13, 131 | 4.2 | 5 |
| 57 | The role of physical activity in the context of pulmonary rehabilitation. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2018 , 15, 632-639 | 2 | 18 |
| 56 | The likelihood of improving physical activity after pulmonary rehabilitation is increased in patients with COPD who have better exercise tolerance. <i>International Journal of COPD</i> , 2018 , 13, 3515-3527 | 3 | 28 |
| 55 | Significance of prolonged QTc in acute exacerbations of COPD requiring hospitalization. <i>International Journal of COPD</i> , 2018 , 13, 1937-1947 | 3 | 5 |
| 54 | Automated Interpretation of Pulmonary Function Tests in Adults with Respiratory Complaints. <i>Respiration</i> , 2017 , 93, 170-178 | 3.7 | 20 |
| 53 | Do COPD subtypes really exist? COPD heterogeneity and clustering in 10 independent cohorts. <i>Thorax</i> , 2017 , 72, 998-1006 | 7.3 | 40 |
| 52 | Vitamin D supplementation to prevent acute respiratory tract infections: systematic review and meta-analysis of individual participant data. <i>BMJ, The</i> , 2017 , 356, i6583 | 5.9 | 960 |
| 51 | A simple algorithm for the identification of clinical COPD phenotypes. <i>European Respiratory Journal</i> , 2017 , 50, | 13.6 | 35 |
| 50 | A Belgian survey on the diagnosis of asthma-COPD overlap syndrome. <i>International Journal of COPD</i> , 2017 , 12, 601-613 | 3 | 23 |
| 49 | Vitamin K deficiency: the linking pin between COPD and cardiovascular diseases?. <i>Respiratory Research</i> , 2017 , 18, 189 | 7.3 | 17 |
| 48 | Non-linear parameters of specific resistance loops to characterise obstructive airways diseases. <i>Respiratory Research</i> , 2017 , 18, 9 | 7.3 | 5 |
| 47 | Sensitization to as a risk factor for bronchiectasis in COPD. <i>International Journal of COPD</i> , 2017 , 12, 2629-2638 | 29 | 29 |
| 46 | Interaction between Physical Activity and Smoking on Lung, Muscle, and Bone in Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016 , 54, 674-82 | 5.7 | 14 |

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| 45 | Vitamin D deficiency impairs skeletal muscle function in a smoking mouse model. <i>Journal of Endocrinology</i> , 2016 , 229, 97-108 | 4.7 | 9 |
| 44 | Can health status questionnaires be used as a measure of physical activity in COPD patients?. <i>European Respiratory Journal</i> , 2016 , 47, 1565-8 | 13.6 | 7 |
| 43 | Survival after pulmonary rehabilitation in patients with COPD: impact of functional exercise capacity and its changes. <i>International Journal of COPD</i> , 2016 , 11, 2671-2679 | 3 | 22 |
| 42 | The Belgian trial with azithromycin for acute COPD exacerbations requiring hospitalization: an investigator-initiated study protocol for a multicenter, randomized, double-blind, placebo-controlled trial. <i>International Journal of COPD</i> , 2016 , 11, 687-96 | 3 | 12 |
| 41 | The Minimal Important Difference in Physical Activity in Patients with COPD. <i>PLoS ONE</i> , 2016 , 11, e0154587 | 3.7 | 127 |
| 40 | 1,25-Dihydroxyvitamin D Modulates Antibacterial and Inflammatory Response in Human Cigarette Smoke-Exposed Macrophages. <i>PLoS ONE</i> , 2016 , 11, e0160482 | 3.7 | 29 |
| 39 | Effect of "add-on" interventions on exercise training in individuals with COPD: a systematic review. <i>ERJ Open Research</i> , 2016 , 2, | 3.5 | 42 |
| 38 | Quantifying the shape of the maximal expiratory flow-volume curve to address flow limitation. <i>Respiratory Physiology and Neurobiology</i> , 2016 , 227, 69 | 2.8 | 0 |
| 37 | Unexpected improvements of lung function in chronic obstructive pulmonary disease. <i>Respiratory Medicine Case Reports</i> , 2016 , 18, 81-4 | 1.2 | 4 |
| 36 | Physiological responses during downhill walking: A new exercise modality for subjects with chronic obstructive pulmonary disease?. <i>Chronic Respiratory Disease</i> , 2015 , 12, 155-64 | 3 | 26 |
| 35 | DNA methylation profiling of non-small cell lung cancer reveals a COPD-driven immune-related signature. <i>Thorax</i> , 2015 , 70, 1113-22 | 7.3 | 27 |
| 34 | Using dynamics of forced expiration to identify COPD where conventional criteria for the FEV ₁ /FVC ratio do not match. <i>Respirology</i> , 2015 , 20, 925-31 | 3.6 | 9 |
| 33 | The effects of a physical activity counseling program after an exacerbation in patients with Chronic Obstructive Pulmonary Disease: a randomized controlled pilot study. <i>BMC Pulmonary Medicine</i> , 2015 , 15, 136 | 3.5 | 25 |
| 32 | Airways resistance and specific conductance for the diagnosis of obstructive airways diseases. <i>Respiratory Research</i> , 2015 , 16, 88 | 7.3 | 13 |
| 31 | Vitamin D deficiency exacerbates COPD-like characteristics in the lungs of cigarette smoke-exposed mice. <i>Respiratory Research</i> , 2015 , 16, 110 | 7.3 | 32 |
| 30 | Physical Activity Counselling during Pulmonary Rehabilitation in Patients with COPD: A Randomised Controlled Trial. <i>PLoS ONE</i> , 2015 , 10, e0144989 | 3.7 | 32 |
| 29 | Innate immune modulation in chronic obstructive pulmonary disease: moving closer toward vitamin D therapy. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015 , 353, 360-8 | 4.7 | 22 |
| 28 | An official American Thoracic Society/European Respiratory Society statement: update on limb muscle dysfunction in chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 189, e15-62 | 10.2 | 577 |

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| 27 | Nutritional assessment and therapy in COPD: a European Respiratory Society statement. <i>European Respiratory Journal</i> , 2014 , 44, 1504-20 | 13.6 | 158 |
| 26 | Pulmonary rehabilitation. <i>Clinics in Chest Medicine</i> , 2014 , 35, 241-9 | 5.3 | 12 |
| 25 | Pulmonary rehabilitation: timing, location, and duration. <i>Clinics in Chest Medicine</i> , 2014 , 35, 303-11 | 5.3 | 8 |
| 24 | Impaired postural control reduces sit-to-stand-to-sit performance in individuals with chronic obstructive pulmonary disease. <i>PLoS ONE</i> , 2014 , 9, e88247 | 3.7 | 28 |
| 23 | Standardizing the analysis of physical activity in patients with COPD following a pulmonary rehabilitation program. <i>Chest</i> , 2014 , 146, 318-327 | 5.3 | 135 |
| 22 | Modelling the dynamics of expiratory airflow to describe chronic obstructive pulmonary disease. <i>Medical and Biological Engineering and Computing</i> , 2014 , 52, 997-1006 | 3.1 | 12 |
| 21 | Risk factors and comorbidities in the preclinical stages of chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 189, 30-8 | 10.2 | 67 |
| 20 | Contribution of four common pulmonary function tests to diagnosis of patients with respiratory symptoms: a prospective cohort study. <i>Lancet Respiratory Medicine</i> , 2013 , 1, 705-13 | 35.1 | 14 |
| 19 | Computer quantification of airway collapse on forced expiration to predict the presence of emphysema. <i>Respiratory Research</i> , 2013 , 14, 131 | 7.3 | 18 |
| 18 | Vitamin D and chronic obstructive pulmonary disease: hype or reality?. <i>Lancet Respiratory Medicine</i> , 2013 , 1, 804-12 | 35.1 | 35 |
| 17 | Severe vitamin D deficiency: a biomarker of exacerbation risk?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013 , 187, 214-5 | 10.2 | 7 |
| 16 | Moderate intense physical activity depends on selected Metabolic Equivalent of Task (MET) cut-off and type of data analysis. <i>PLoS ONE</i> , 2013 , 8, e84365 | 3.7 | 30 |
| 15 | High doses of vitamin D to reduce exacerbations in chronic obstructive pulmonary disease: a randomized trial. <i>Annals of Internal Medicine</i> , 2012 , 156, 105-14 | 8 | 252 |
| 14 | Chronic obstructive pulmonary disease. <i>Lancet, The</i> , 2012 , 379, 1341-51 | 40 | 727 |
| 13 | Effectiveness of exercise training in patients with COPD: the role of muscle fatigue. <i>European Respiratory Journal</i> , 2012 , 40, 338-44 | 13.6 | 82 |
| 12 | Two distinct chronic obstructive pulmonary disease (COPD) phenotypes are associated with high risk of mortality. <i>PLoS ONE</i> , 2012 , 7, e51048 | 3.7 | 86 |
| 11 | Vitamin D and Chronic Obstructive Pulmonary Disease 2012 , 239-260 | | 2 |
| 10 | COPD, bone metabolism, and osteoporosis. <i>Chest</i> , 2011 , 139, 648-657 | 5.3 | 130 |

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| 9 | Vitamin D deficiency and chronic obstructive pulmonary disease: a vicious circle. <i>Vitamins and Hormones</i> , 2011 , 86, 379-99 | 2.5 | 44 |
| 8 | The 15q24/25 susceptibility variant for lung cancer and chronic obstructive pulmonary disease is associated with emphysema. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 181, 486-93 ^{10.2} | | 77 |
| 7 | Vitamin D deficiency is highly prevalent in COPD and correlates with variants in the vitamin D-binding gene. <i>Thorax</i> , 2010 , 65, 215-20 | 7.3 | 308 |
| 6 | Noninvasive and invasive pulmonary function in mouse models of obstructive and restrictive respiratory diseases. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2010 , 42, 96-104 | 5.7 | 229 |
| 5 | Vitamin D beyond bones in chronic obstructive pulmonary disease: time to act. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009 , 179, 630-6 | 10.2 | 138 |
| 4 | Pulmonary Rehabilitation 2009 , 713-722 | | |
| 3 | The role of pulmonary rehabilitation in the prevention of exacerbations of chronic lung diseases 224-246 | | |
| 2 | Increased expression of ACE2, the SARS-CoV-2 entry receptor, in alveolar and bronchial epithelium of smokers and COPD subjects | | 2 |
| 1 | The memory of airway epithelium damage in smokers and COPD patients | | 4 |