

# Antoine Cuvelier

## List of Publications by Year in descending order

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Version: 2024-02-01

94  
papers

1,720  
citations

361413

20  
h-index

302126

39  
g-index

128  
all docs

128  
docs citations

128  
times ranked

1837  
citing authors

#	ARTICLE	IF	CITATIONS
1	Addition of bacterial filter alters positive airway pressure and non-invasive ventilation performances. <i>European Respiratory Journal</i> , 2022, 59, 2102636.	6.7	3
2	Advanced telehealth technology improves home-based exercise therapy for people with stable chronic obstructive pulmonary disease: a systematic review. <i>Journal of Physiotherapy</i> , 2021, 67, 27-40.	1.7	40
3	Automated ventilator technology: More answers and some questions. <i>Respirology</i> , 2021, 26, 816-817.	2.3	0
4	Recommended Approaches to Minimize Aerosol Dispersion of SARS-CoV-2 During Noninvasive Ventilatory Support Can Cause Ventilator Performance Deterioration. <i>Chest</i> , 2021, 160, 175-186.	0.8	18
5	Defining successful non-invasive ventilation initiation: Data from a real-life cohort. <i>Respirology</i> , 2021, 26, 1067-1075.	2.3	14
6	High-flow oxygen therapy <i>versus</i> noninvasive ventilation: a randomised physiological crossover study of alveolar recruitment in acute respiratory failure. <i>ERJ Open Research</i> , 2021, 7, 00373-2021.	2.6	9
7	Factors influencing participation in educational workshops as part of a pulmonary rehabilitation program in patients with chronic obstructive pulmonary disease: a retrospective study. <i>Expert Review of Respiratory Medicine</i> , 2021, , 1-9.	2.5	0
8	Step-down from non-invasive ventilation to continuous positive airway pressure: A better phenotyping is required. <i>Respirology</i> , 2020, 25, 456-456.	2.3	6
9	Long-term survival following initiation of home non-invasive ventilation: a European study. <i>Thorax</i> , 2020, 75, 965-973.	5.6	38
10	AVAPS&AE versus ST mode: A randomized controlled trial in patients with obesity hypoventilation syndrome. <i>Respirology</i> , 2020, 25, 1073-1081.	2.3	27
11	&lt;p&gt;Mid-Term Effects of Pulmonary Rehabilitation on Cognitive Function in People with Severe Chronic Obstructive Pulmonary Disease&lt;/p&gt;. <i>International Journal of COPD</i> , 2020, Volume 15, 1111-1121.	2.3	10
12	Nasal High Flow for Stable Patients with Chronic Obstructive Pulmonary Disease: A Systematic Review and Meta-Analysis. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2019, 16, 368-377.	1.6	18
13	Lumbar transcutaneous electrical nerve stimulation to improve exercise performance in COPD patients. <i>European Respiratory Journal</i> , 2019, 54, 1900784.	6.7	2
14	&lt;p&gt;Efficacy of a home discharge care bundle after acute exacerbation of COPD&lt;/p&gt;. <i>International Journal of COPD</i> , 2019, Volume 14, 289-296.	2.3	8
15	&lt;p&gt;The six-minute stepper test is related to muscle strength but cannot substitute for the one repetition maximum to prescribe strength training in patients with COPD&lt;/p&gt;. <i>International Journal of COPD</i> , 2019, Volume 14, 767-774.	2.3	10
16	People undertaking pulmonary rehabilitation are willing and able to provide accurate data via a remote pulse oximetry system: a multicentre observational study. <i>Journal of Physiotherapy</i> , 2019, 65, 28-36.	1.7	24
17	Polysomnography versus limited respiratory monitoring and nurse-led titration to optimise non-invasive ventilation set-up: a pilot randomised clinical trial. <i>Thorax</i> , 2019, 74, 83-86.	5.6	23
18	Six-Minute Stepper Test to Set Pulmonary Rehabilitation Intensity in Patients with COPD. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2018, 15, 91-92.	1.6	1

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19	Home-based Neuromuscular Electrical Stimulation as an Add-on to Pulmonary Rehabilitation Does Not Provide Further Benefits in Patients With Chronic Obstructive Pulmonary Disease: A Multicenter Randomized Trial. Archives of Physical Medicine and Rehabilitation, 2018, 99, 1462-1470.	0.9	10
20	Exercise testing in patients with diaphragm paresis. Respiratory Physiology and Neurobiology, 2018, 248, 31-35.	1.6	18
21	Prediction of severe acute exacerbation using changes in breathing pattern of COPD patients on home noninvasive ventilation. International Journal of COPD, 2018, Volume 13, 2577-2586.	2.3	31
22	Adjusted value of thromboprophylaxis in hospitalized obese patients: A comparative study of two regimens of enoxaparin: The ITOHENOX study. Thrombosis Research, 2017, 155, 1-5.	1.7	44
23	Six-minute Stepper Test to Set Pulmonary Rehabilitation Intensity in Patients with COPD – A Retrospective Study. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2017, 14, 293-297.	1.6	13
24	Altered synchrony of right ventricular contraction in borderline pulmonary hypertension. International Journal of Cardiovascular Imaging, 2017, 33, 1331-1339.	1.5	46
25	ALTERED SYNCHRONY OF RIGHT VENTRICULAR CONTRACTION IN BORDERLINE PULMONARY HYPERTENSION. , 2017, , .		0
26	Home noninvasive ventilation (NIV) in France. Data from the Antadir-GAV cohort. Results at 18 months. , 2017, , .		0
27	Chronic respiratory failure in myotonic dystrophy type 1 (DM1): Incidence & risk factors. , 2017, , .		0
28	Physiologic assessment before video thoracoscopic resection for lung cancer in patients with abnormal pulmonary function. Journal of Thoracic Disease, 2016, 8, 1170-1178.	1.4	9
29	Early-Phase Recovery of Cardiorespiratory Measurements after Maximal Cardiopulmonary Exercise Testing in Patients with Chronic Obstructive Pulmonary Disease. Pulmonary Medicine, 2016, 2016, 1-7.	1.9	4
30	Domiciliary Non-invasive Ventilation in COPD: An International Survey of Indications and Practices. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2016, 13, 483-490.	1.6	72
31	Right ventricular function changes after therapy in chronic thromboembolic pulmonary hypertension. , 2016, , .		0
32	Non-invasive ventilation (NIV) setup for COPD-OSA overlap syndrome: Is polysomnography (PSG) useful?. , 2016, , .		0
33	A Randomized Controlled Trial on the Effect of Needle Gauge on the Pain and Anxiety Experienced during Radial Arterial Puncture. PLoS ONE, 2015, 10, e0139432.	2.5	26
34	Insuffisance respiratoire chronique. Revue Des Maladies Respiratoires Actualites, 2015, 7, S30-S41.	0.0	0
35	Les anticholinergique dans la BPCO et l'asthme. Revue Des Maladies Respiratoires Actualites, 2015, 7, 187-193.	0.0	0
36	Health-Related Quality of Life in Patients with Alpha-1 Antitrypsin Deficiency: The French Experience. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2015, 12, 46-51.	1.6	18

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37	Survival of patients with chronic respiratory failure on long-term oxygen therapy and or non-invasive ventilation at home. <i>Clinical Nutrition</i> , 2015, 34, 739-744.	5.0	10
38	Home mechanical ventilation (HMV): Setup and outcome in Europe. , 2015, , .		2
39	Hemodynamic consequences of NIV during acute respiratory failure. A prospective echocardiographic study. , 2015, , .		0
40	Left ventricular systolic torsion is correlated to right ventricular dilation in pulmonary hypertension patients. , 2015, , .		0
41	Ventilatory management in COPD-associated obstructive sleep apnea syndrome. , 2015, , .		0
42	Targeting European Respiratory Society group activities: a survey of the Noninvasive Ventilatory Support Group. <i>European Respiratory Review</i> , 2014, 23, 258-260.	7.1	11
43	Performance of the BODE index in patients with $\alpha$ 1-antitrypsin deficiency-related COPD. <i>European Respiratory Journal</i> , 2014, 44, 78-86.	6.7	17
44	Diagnosis of alpha-1 antitrypsin deficiency: Modalities, indications and diagnosis strategy. <i>Revue Des Maladies Respiratoires</i> , 2014, 31, 729-745.	1.7	18
45	Insuffisance respiratoire chronique. <i>Revue Des Maladies Respiratoires Actualites</i> , 2014, 6, 34-44.	0.0	0
46	DYNAMICS UNDERLYING PATIENT-VENTILATOR INTERACTIONS DURING NOCTURNAL NONINVASIVE VENTILATION. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2012, 22, 1250030.	1.7	6
47	Echocardiographic Speckle Tracking Strain Analysis To Quantify Right Ventricular Function In Acute Respiratory Failure Patients. <i>Changes During Non Invasive Ventilation.</i> , 2012, , .		1
48	Usefulness Of Nocturnal Monitoring Using Polygraphy And Transcutaneous Capnography For A Best Setting Of Ventilatory Parameters Of Non Invasive Ventilation. , 2012, , .		0
49	Les exacerbations de la BPCO : susceptibilit� individuelle et caract�ristiques des patients � risque. <i>Revue Des Maladies Respiratoires Actualites</i> , 2012, 4, 348-361.	0.0	0
50	Comment ventiler un patient atteint de maladie neuromusculaire ?. <i>Revue Des Maladies Respiratoires Actualites</i> , 2012, 4, 179-182.	0.0	0
51	Maladie de Steinert : quelle observance, pour quels b�n�fices ?. <i>Revue Des Maladies Respiratoires Actualites</i> , 2012, 4, 190-193.	0.0	0
52	Particularit�s de la scl�rose lat�rale amyotrophique (SLA). <i>Revue Des Maladies Respiratoires Actualites</i> , 2012, 4, 187-189.	0.0	0
53	Right Ventricular Dyssynchrony In Obstructive Sleep Apnea Patients: Effects Of Continuous Positive Airway Pressure. , 2012, , .		0
54	A Standardized Procedure To Compare Triggering Performances Of Domiciliary Ventilators. , 2012, , .		0

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55	Polysomnographic Changes During Initiation Of Domiciliary Noninvasive Ventilation In Patients With Chronic Respiratory Failure. , 2012, , .		0
56	BPCO: le portrait-robot du patient fréquent-exacerbateur est désormais disponible. Revue Des Maladies Respiratoires Actualites, 2011, 3, 478-481.	0.0	1
57	Quelle place pour les macrolides au long cours dans la BPCO ?. Revue Des Maladies Respiratoires Actualites, 2011, 3, 482-486.	0.0	0
58	Quantifying Right Ventricular Dyssynchrony Using Echocardiographic Speckle Tracking Strain In Pulmonary Hypertension Patients. , 2011, , .		0
59	Postintensive care unit psychological burden in patients with chronic obstructive pulmonary disease and informal caregivers: A multicenter study. Critical Care Medicine, 2011, 39, 112-118.	0.9	119
60	Evaluation Of Inspiratory Rise Time For Four Home Ventilators. , 2011, , .		0
61	How Accurate Is Trans-thoracic Doppler Echocardiography For The Hemodynamic Assessment Of Pulmonary Hypertension ?. , 2010, , .		1
62	Clinical Profile And Characteristics Of Domiciliary Ventilation In Patients With Overlap Syndrome (COPD+OSAS). , 2010, , .		0
63	Cross-covariance Analysis Of Asynchronies And Leakage During Sleep Under Noninvasive Ventilation (NIV). , 2010, , .		0
64	Predictive Factors Of Hypoventilation During Amyotrophic Lateral Sclerosis (ALS). , 2010, , .		0
65	Echocardiographic Parameters Of Right Ventricular Dysfunction In Pulmonary Hypertension. , 2010, , .		0
66	Non Invasive Prediction Of Volume Responsiveness Using Bioreactance In Hemodynamically Unstable Patients With Spontaneously Breathing Activity. , 2010, , .		0
67	A Noninvasive Method to Identify Ineffective Triggering in Patients with Noninvasive Pressure Support Ventilation. Respiration, 2010, 80, 198-206.	2.6	19
68	Respiratory Failure in the Elderly Patient. Seminars in Respiratory and Critical Care Medicine, 2010, 31, 634-646.	2.1	10
69	Susceptibilité génétique au développement de la BPCO et de l'asthme. Revue Des Maladies Respiratoires Actualites, 2010, 2, 454-461.	0.0	2
70	Asynchrony and Cyclic Variability in Pressure Support Ventilation. , 2010, , 73-76.		0
71	Cephalic versus oronasal mask for noninvasive ventilation in acute hypercapnic respiratory failure. Intensive Care Medicine, 2009, 35, 519-26.	8.2	22
72	Actualités dans l'insuffisance respiratoire chronique. Revue Des Maladies Respiratoires, 2008, 25, 14-21.	1.7	0

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73	Objective evaluation of patient-ventilator interactions during noninvasive ventilation (NIV). <i>European Respiratory Review</i> , 2008, 17, 22-23.	7.1	1
74	NIV and obstructive lung diseases. , 2008, , 203-223.		0
75	Obesity-Hypoventilation Syndrome and Noninvasive Mechanical Ventilation. <i>Chest</i> , 2007, 131, 7-8.	0.8	6
76	La ventilation m�canique auÂcours deÂl'insuffisance respiratoire aigu� hypercapnique duÂsujet ob�se. Sp�cificit�s deÂlaÂventilation non invasive. <i>Reanimation: Journal De La Societe De Reanimation De Langue Francaise</i> , 2007, 16, 75-81.	0.1	2
77	Asynchrony and cyclic variability in pressure support noninvasive ventilation. <i>Computers in Biology and Medicine</i> , 2007, 37, 1308-1320.	7.0	23
78	Ventilation non invasive au long cours et sommeil. <i>M�decine Du Sommeil</i> , 2006, 3, 22-27.	0.2	0
79	Noneosinophilic Inflammatory Bronchial Casts. <i>American Journal of Medicine</i> , 2006, 119, e1-e2.	1.5	3
80	Venous Air Embolism. <i>New England Journal of Medicine</i> , 2006, 354, e26.	27.0	6
81	The effect of tiotropium on exacerbations and airflow in patients with COPD. <i>European Respiratory Journal</i> , 2006, 27, 547-555.	6.7	196
82	Limitations of Transcutaneous Carbon Dioxide Measurements for Assessing Long-term Mechanical Ventilation. <i>Chest</i> , 2005, 127, 1744-1748.	0.8	81
83	Acute and Chronic Respiratory Failure in Patients With Obesity-Hypoventilation Syndrome. <i>Chest</i> , 2005, 128, 483-485.	0.8	15
84	A New Tracheostomy Procedure. <i>Chest</i> , 2005, 128, 3086.	0.8	0
85	C-Reactive Protein and Body Mass Index Predict Outcome in End-Stage Respiratory Failure. <i>Chest</i> , 2004, 126, 540-546.	0.8	119
86	Refillable Oxygen Cylinders May Be an Alternative for Ambulatory Oxygen Therapy in COPD. <i>Chest</i> , 2002, 122, 451-456.	0.8	16
87	Evaluation of candidates for long-term ventilation. <i>Respiratory Care Clinics of North America</i> , 2002, 8, 405-418.	0.5	1
88	Dry powder ipratropium bromide is as safe and effective as metered-dose inhaler formulation: a cumulative dose-response study in chronic obstructive pulmonary disease patients. <i>Respiratory Care</i> , 2002, 47, 159-66.	1.6	8
89	Distribution of �1-Antitrypsin Alleles in Patients With Bronchiectasis. <i>Chest</i> , 2000, 117, 415-419.	0.8	119
90	Evaluation of Home versus Laboratory Polysomnography in the Diagnosis of Sleep Apnea Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2000, 162, 814-818.	5.6	155

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91	Nocturnal Efficiency and Tolerance of a Demand Oxygen Delivery System in COPD Patients With Nocturnal Hypoxemia. Chest, 1999, 116, 22-29.	0.8	18
92	Long-term Efficiency of Home Nasal Mask Ventilation in Patients With Diffuse Bronchiectasis and Severe Chronic Respiratory Failure. Chest, 1997, 112, 1259-1266.	0.8	41
93	Metalloelastase Expression in a Mouse Macrophage Cell Line Regulation by 4beta-Phorbol 12-Myristate 13-Acetate, Lipopolysaccharide and Dexamethasone. FEBS Journal, 1997, 247, 588-595.	0.2	11
94	Substitution of Carbonate by Acetate Buffer for IGG Coating in Sandwich Elisa. Journal of Immunoassay, 1996, 17, 371-382.	0.3	8