

# 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	The effect of tiotropium on exacerbations and airflow in patients with COPD. <i>European Respiratory Journal</i> , 2006, 27, 547-555.	6.7	196
2	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
3	Distribution of $\alpha$ 1-Antitrypsin Alleles in Patients With Bronchiectasis. <i>Chest</i> , 2000, 117, 415-419.	0.8	119
4	C-Reactive Protein and Body Mass Index Predict Outcome in End-Stage Respiratory Failure. <i>Chest</i> , 2004, 126, 540-546.	0.8	119
5	Postintensive care unit psychological burden in patients with chronic obstructive pulmonary disease and informal caregivers: A multicenter study. <i>Critical Care Medicine</i> , 2011, 39, 112-118.	0.9	119
6	Limitations of Transcutaneous Carbon Dioxide Measurements for Assessing Long-term Mechanical Ventilation. <i>Chest</i> , 2005, 127, 1744-1748.	0.8	81
7	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
8	Altered synchrony of right ventricular contraction in borderline pulmonary hypertension. <i>International Journal of Cardiovascular Imaging</i> , 2017, 33, 1331-1339.	1.5	46
9	Adjusted value of thromboprophylaxis in hospitalized obese patients: A comparative study of two regimens of enoxaparin: The ITOHENOX study. <i>Thrombosis Research</i> , 2017, 155, 1-5.	1.7	44
10	Long-term Efficiency of Home Nasal Mask Ventilation in Patients With Diffuse Bronchiectasis and Severe Chronic Respiratory Failure. <i>Chest</i> , 1997, 112, 1259-1266.	0.8	41
11	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
12	Long-term survival following initiation of home non-invasive ventilation: a European study. <i>Thorax</i> , 2020, 75, 965-973.	5.6	38
13	Prediction of severe acute exacerbation using changes in breathing pattern of COPD patients on home noninvasive ventilation. <i>International Journal of COPD</i> , 2018, Volume 13, 2577-2586.	2.3	31
14	AVAPS versus ST mode: A randomized controlled trial in patients with obesity hypoventilation syndrome. <i>Respirology</i> , 2020, 25, 1073-1081.	2.3	27
15	A Randomized Controlled Trial on the Effect of Needle Gauge on the Pain and Anxiety Experienced during Radial Arterial Puncture. <i>PLoS ONE</i> , 2015, 10, e0139432.	2.5	26
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	Asynchrony and cyclic variability in pressure support noninvasive ventilation. <i>Computers in Biology and Medicine</i> , 2007, 37, 1308-1320.	7.0	23
18	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

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19	Cephalic versus oronasal mask for noninvasive ventilation in acute hypercapnic respiratory failure. <i>Intensive Care Medicine</i> , 2009, 35, 519-26.	8.2	22
20	A Noninvasive Method to Identify Ineffective Triggering in Patients with Noninvasive Pressure Support Ventilation. <i>Respiration</i> , 2010, 80, 198-206.	2.6	19
21	Nocturnal Efficiency and Tolerance of a Demand Oxygen Delivery System in COPD Patients With Nocturnal Hypoxemia. <i>Chest</i> , 1999, 116, 22-29.	0.8	18
22	Diagnosis of alpha-1 antitrypsin deficiency: Modalities, indications and diagnosis strategy. <i>Revue Des Maladies Respiratoires</i> , 2014, 31, 729-745.	1.7	18
23	Health-Related Quality of Life in Patients with Alpha-1 Antitrypsin Deficiency: The French Experience. COPD: <i>Journal of Chronic Obstructive Pulmonary Disease</i> , 2015, 12, 46-51.	1.6	18
24	Exercise testing in patients with diaphragm paresis. <i>Respiratory Physiology and Neurobiology</i> , 2018, 248, 31-35.	1.6	18
25	Nasal High Flow for Stable Patients with Chronic Obstructive Pulmonary Disease: A Systematic Review and Meta-Analysis. COPD: <i>Journal of Chronic Obstructive Pulmonary Disease</i> , 2019, 16, 368-377.	1.6	18
26	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
27	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
28	Refillable Oxygen Cylinders May Be an Alternative for Ambulatory Oxygen Therapy in COPD. <i>Chest</i> , 2002, 122, 451-456.	0.8	16
29	Acute and Chronic Respiratory Failure in Patients With Obesity-Hypoventilation Syndrome. <i>Chest</i> , 2005, 128, 483-485.	0.8	15
30	Defining successful noninvasive ventilation initiation: Data from a real-life cohort. <i>Respirology</i> , 2021, 26, 1067-1075.	2.3	14
31	Six-minute Stepper Test to Set Pulmonary Rehabilitation Intensity in Patients with COPD – A Retrospective Study. COPD: <i>Journal of Chronic Obstructive Pulmonary Disease</i> , 2017, 14, 293-297.	1.6	13
32	Metalloelastase Expression in a Mouse Macrophage Cell Line Regulation by 4beta-Phorbol 12-Myristate 13-Acetate, Lipopolysaccharide and Dexamethasone. <i>FEBS Journal</i> , 1997, 247, 588-595.	0.2	11
33	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
34	Respiratory Failure in the Elderly Patient. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2010, 31, 634-646.	2.1	10
35	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
36	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. <i>Archives of Physical Medicine and Rehabilitation</i> , 2018, 99, 1462-1470.	0.9	10

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37	&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;. International Journal of COPD, 2019, Volume 14, 767-774.	2.3	10
38	&lt;p&gt;Mid-Term Effects of Pulmonary Rehabilitation on Cognitive Function in People with Severe Chronic Obstructive Pulmonary Disease&lt;/p&gt;. International Journal of COPD, 2020, Volume 15, 1111-1121.	2.3	10
39	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
40	High-flow oxygen therapy <i>versus</i> noninvasive ventilation: a randomised physiological crossover study of alveolar recruitment in acute respiratory failure. ERJ Open Research, 2021, 7, 00373-2021.	2.6	9
41	Substitution of Carbonate by Acetate Buffer for IGG Coating in Sandwich Elisa. Journal of Immunoassay, 1996, 17, 371-382.	0.3	8
42	&lt;p&gt;Efficacy of a home discharge care bundle after acute exacerbation of COPD&lt;/p&gt;. International Journal of COPD, 2019, Volume 14, 289-296.	2.3	8
43	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. Respiratory Care, 2002, 47, 159-66.	1.6	8
44	Venous Air Embolism. New England Journal of Medicine, 2006, 354, e26.	27.0	6
45	Obesity-Hypoventilation Syndrome and Noninvasive Mechanical Ventilation. Chest, 2007, 131, 7-8.	0.8	6
46	DYNAMICS UNDERLYING PATIENT-VENTILATOR INTERACTIONS DURING NOCTURNAL NONINVASIVE VENTILATION. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2012, 22, 1250030.	1.7	6
47	Stepâ€down from nonâ€invasive ventilation to continuous positive airway pressure: A better phenotyping is required. Respirology, 2020, 25, 456-456.	2.3	6
48	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
49	Noneosinophilic Inflammatory Bronchial Casts. American Journal of Medicine, 2006, 119, e1-e2.	1.5	3
50	Addition of bacterial filter alters positive airway pressure and non-invasive ventilation performances. European Respiratory Journal, 2022, 59, 2102636.	6.7	3
51	La ventilation mÃ©canique auÂcours deÂl'insuffisance respiratoire aiguÃ« hypercapnique duÂsujet obÃ«se. SpÃ©cificitÃ©s deÂlaÂventilation non invasive. Reanimation: Journal De La Societe De Reanimation De Langue Francaise, 2007, 16, 75-81.	0.1	2
52	SusceptibilitÃ© gÃ©nÃ©tique au dÃ©veloppement de la BPCO et de lâ€™emphysÃ©me. Revue Des Maladies Respiratoires Actualites, 2010, 2, 454-461.	0.0	2
53	Lumbar transcutaneous electrical nerve stimulation to improve exercise performance in COPD patients. European Respiratory Journal, 2019, 54, 1900784.	6.7	2
54	Home mechanical ventilation (HMV): Setup and outcome in Europe. , 2015, , .		2

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55	Evaluation of candidates for long-term ventilation. <i>Respiratory Care Clinics of North America</i> , 2002, 8, 405-418.	0.5	1
56	Objective evaluation of patient-ventilator interactions during noninvasive ventilation (NIV). <i>European Respiratory Review</i> , 2008, 17, 22-23.	7.1	1
57	How Accurate Is Trans-thoracic Doppler Echocardiography For The Hemodynamic Assessment Of Pulmonary Hypertension ?. , 2010, , .		1
58	BPCO: le portrait-robot du patient fréquent-exacerbateur est désormais disponible. <i>Revue Des Maladies Respiratoires Actualites</i> , 2011, 3, 478-481.	0.0	1
59	Echocardiographic Speckle Tracking Strain Analysis To Quantify Right Ventricular Function In Acute Respiratory Failure Patients. <i>Changes During Non Invasive Ventilation.</i> , 2012, , .		1
60	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
61	A New Tracheostomy Procedure. <i>Chest</i> , 2005, 128, 3086.	0.8	0
62	Ventilation non invasive au long cours et sommeil. <i>Médecine Du Sommeil</i> , 2006, 3, 22-27.	0.2	0
63	Actualités dans l'insuffisance respiratoire chronique. <i>Revue Des Maladies Respiratoires</i> , 2008, 25, 14-21.	1.7	0
64	Clinical Profile And Characteristics Of Domiciliary Ventilation In Patients With Overlap Syndrome (COPD+OSAS). , 2010, , .		0
65	Cross-covariance Analysis Of Asynchronies And Leakage During Sleep Under Noninvasive Ventilation (NIV). , 2010, , .		0
66	Predictive Factors Of Hypoventilation During Amyotrophic Lateral Sclerosis (ALS). , 2010, , .		0
67	Echocardiographic Parameters Of Right Ventricular Dysfunction In Pulmonary Hypertension. , 2010, , .		0
68	Non Invasive Prediction Of Volume Responsiveness Using Bioreactance In Hemodynamically Unstable Patients With Spontaneously Breathing Activity. , 2010, , .		0
69	Asynchrony and Cyclic Variability in Pressure Support Ventilation. , 2010, , 73-76.		0
70	Quelle place pour les macrolides au long cours dans la BPCO ?. <i>Revue Des Maladies Respiratoires Actualites</i> , 2011, 3, 482-486.	0.0	0
71	Quantifying Right Ventricular Dyssynchrony Using Echocardiographic Speckle Tracking Strain In Pulmonary Hypertension Patients. , 2011, , .		0
72	Evaluation Of Inspiratory Rise Time For Four Home Ventilators. , 2011, , .		0

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73	Usefulness Of Nocturnal Monitoring Using Polygraphy And Transcutaneous Capnography For A Best Setting Of Ventilatory Parameters Of Non Invasive Ventilation. , 2012, , .		0
74	Les exacerbations de la BPCO : susceptibilit� individuelle et caract�ristiques des patients � risque. Revue Des Maladies Respiratoires Actualites, 2012, 4, 348-361.	0.0	0
75	Comment ventiler un patient atteint de maladie neuromusculaire ?. Revue Des Maladies Respiratoires Actualites, 2012, 4, 179-182.	0.0	0
76	Maladie de Steinert : quelle observance, pour quels b�n�fices ?. Revue Des Maladies Respiratoires Actualites, 2012, 4, 190-193.	0.0	0
77	Particularit�s de la scl�rose lat�rale amyotrophique (SLA). Revue Des Maladies Respiratoires Actualites, 2012, 4, 187-189.	0.0	0
78	Right Ventricular Dyssynchrony In Obstructive Sleep Apnea Patients: Effects Of Continuous Positive Airway Pressure. , 2012, , .		0
79	A Standardized Procedure To Compare Triggering Performances Of Domiciliary Ventilators. , 2012, , .		0
80	Polysomnographic Changes During Initiation Of Domiciliary Noninvasive Ventilation In Patients With Chronic Respiratory Failure. , 2012, , .		0
81	Insuffisance respiratoire chronique. Revue Des Maladies Respiratoires Actualites, 2014, 6, 34-44.	0.0	0
82	Insuffisance respiratoire chronique. Revue Des Maladies Respiratoires Actualites, 2015, 7, S30-S41.	0.0	0
83	Les anticholinergique dans la BPCO et l'asthme. Revue Des Maladies Respiratoires Actualites, 2015, 7, 187-193.	0.0	0
84	Automated ventilator technology: More answers and some questions. Respirology, 2021, 26, 816-817.	2.3	0
85	Factors influencing participation in educational workshops as part of a pulmonary rehabilitation program in patients with chronic obstructive pulmonary disease: a retrospective study. Expert Review of Respiratory Medicine, 2021, , 1-9.	2.5	0
86	NIV and obstructive lung diseases. , 2008, , 203-223.		0
87	Hemodynamic consequences of NIV during acute respiratory failure. A prospective echocardiographic study. , 2015, , .		0
88	Left ventricular systolic torsion is correlated to right ventricular dilation in pulmonary hypertension patients. , 2015, , .		0
89	Ventilatory management in COPD-associated obstructive sleep apnea syndrome. , 2015, , .		0
90	Right ventricular function changes after therapy in chronic thromboembolic pulmonary hypertension. , 2016, , .		0

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91	Non-invasive ventilation (NIV) setup for COPD-OA overlap syndrome: Is polysomnography (PSG) useful? , 2016, , .		0
92	ALTERED SYNCHRONY OF RIGHT VENTRICULAR CONTRACTION IN BORDERLINE PULMONARY HYPERTENSION. , 2017, , .		0
93	Home noninvasive ventilation (NIV) in France. Data from the Antadir-GAV cohort. Results at 18 months. , 2017, , .		0
94	Chronic respiratory failure in myotonic dystrophy type 1 (DM1): Incidence & risk factors. , 2017, , .		0