

# Jean-Benoit Martinot

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/1694590/jean-benoit-martinot-publications-by-year.pdf>

**Version:** 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

38

papers

911

citations

16

h-index

30

g-index

47

ext. papers

1,118

ext. citations

5.4

avg, IF

3.71

L-index

#	Paper	IF	Citations
38	Diagnosis of Sleep Apnoea Using a Mandibular Monitor and Machine Learning Analysis: One-Night Agreement Compared to in-Home Polysomnography.. <i>Frontiers in Neuroscience</i> , <b>2022</b> , 16, 726880	5.1	0
37	Mandibular Movements are a Reliable Noninvasive Alternative to Esophageal Pressure for Measuring Respiratory Effort in Patients with Sleep Apnea Syndrome.. <i>Nature and Science of Sleep</i> , <b>2022</b> , 14, 635-644	3.6	0
36	Clinical validation of a mandibular movement signal based system for the diagnosis of pediatric sleep apnea. <i>Pediatric Pulmonology</i> , <b>2021</b> ,	3.5	1
35	Detecting COVID-19 and other respiratory infections in obstructive sleep apnoea patients through CPAP device telemonitoring.. <i>Digital Health</i> , <b>2021</b> , 7, 20552076211002957	4	2
34	Machine Learning-based Sleep Staging in Patients with Sleep Apnea Using a Single Mandibular Movement Signal. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2021</b> , 204, 1227-1231	10.2	2
33	Artificial Intelligence Analysis of Mandibular Movements Enables Accurate Detection of Phasic Sleep Bruxism in OSA Patients: A Pilot Study. <i>Nature and Science of Sleep</i> , <b>2021</b> , 13, 1449-1459	3.6	0
32	The key role of the mandible in modulating airflow amplitude during sleep. <i>Respiratory Physiology and Neurobiology</i> , <b>2020</b> , 279, 103447	2.8	3
31	Bruxism Relieved Under CPAP Treatment in a Patient With OSA Syndrome. <i>Chest</i> , <b>2020</b> , 157, e59-e62	5.3	9
30	Assessment of Mandibular Movement Monitoring With Machine Learning Analysis for the Diagnosis of Obstructive Sleep Apnea. <i>JAMA Network Open</i> , <b>2020</b> , 3, e1919657	10.4	16
29	Respiratory Mandibular Movement Signals Reliably Identify Obstructive Hypopnea Events During Sleep. <i>Frontiers in Neurology</i> , <b>2019</b> , 10, 828	4.1	3
28	Determinants of Unintentional Leaks During CPAP Treatment in OSA. <i>Chest</i> , <b>2018</b> , 153, 834-842	5.3	14
27	Persistent respiratory effort after adenotonsillectomy in children with sleep-disordered breathing. <i>Laryngoscope</i> , <b>2018</b> , 128, 1230-1237	3.6	11
26	Nasal Obstruction Symptom Evaluation Score to Guide Mask Selection in CPAP-Treated Obstructive Sleep Apnea. <i>Otolaryngology - Head and Neck Surgery</i> , <b>2018</b> , 159, 590-592	5.5	5
25	Mandibular Movement Analysis to Assess Efficacy of Oral Appliance Therapy in OSA. <i>Chest</i> , <b>2018</b> , 154, 1340-1347	5.3	4
24	Nitrogen monoxide and carbon monoxide transfer interpretation: state of the art. <i>Clinical Physiology and Functional Imaging</i> , <b>2017</b> , 37, 357-365	2.4	8
23	Mandibular position and movements: Suitability for diagnosis of sleep apnoea. <i>Respirology</i> , <b>2017</b> , 22, 567-574	3.6	13
22	Factors Contributing to Unintentional Leak During CPAP Treatment: A Systematic Review. <i>Chest</i> , <b>2017</b> , 151, 707-719	5.3	25

21	Mepolizumab for Eosinophilic Chronic Obstructive Pulmonary Disease. <i>New England Journal of Medicine</i> , <b>2017</b> , 377, 1613-1629	59.2	274
20	Monitoring mandibular movements to detect Cheyne-Stokes Breathing. <i>Respiratory Research</i> , <b>2017</b> , 18, 66	7.3	3
19	Mandibular Movements As Accurate Reporters of Respiratory Effort during Sleep: Validation against Diaphragmatic Electromyography. <i>Frontiers in Neurology</i> , <b>2017</b> , 8, 353	4.1	13
18	In vivo estimates of NO and CO conductance for haemoglobin and for lung transfer in humans. <i>Respiratory Physiology and Neurobiology</i> , <b>2016</b> , 228, 1-8	2.8	25
17	Mandibular movements identify respiratory effort in pediatric obstructive sleep apnea. <i>Journal of Clinical Sleep Medicine</i> , <b>2015</b> , 11, 567-74	3.1	19
16	Pulmonary circulation and gas exchange at exercise in Sherpas at high altitude. <i>Journal of Applied Physiology</i> , <b>2014</b> , 116, 919-26	3.7	35
15	TLNO/TLCO ratio is not the end of the road. <i>European Respiratory Journal</i> , <b>2014</b> , 43, 1535-6	13.6	6
14	Partial versus maximal forced exhalations in COPD: enhanced signal detection for novel therapies. <i>Pulmonary Pharmacology and Therapeutics</i> , <b>2014</b> , 29, 58-65	3.5	
13	Pulmonary vascular reserve and exercise capacity at sea level and at high altitude. <i>High Altitude Medicine and Biology</i> , <b>2013</b> , 14, 19-26	1.9	17
12	Lung membrane conductance and capillary volume derived from the NO and CO transfer in high-altitude newcomers. <i>Journal of Applied Physiology</i> , <b>2013</b> , 115, 157-66	3.7	23
11	Improvement in lung diffusion by endothelin A receptor blockade at high altitude. <i>Journal of Applied Physiology</i> , <b>2012</b> , 112, 20-5	3.7	28
10	Exercise pathophysiology in patients with chronic mountain sickness exercise in chronic mountain sickness. <i>Chest</i> , <b>2012</b> , 142, 877-884	5.3	60
9	Pulmonary capillary blood volume and membrane conductance in Andeans and lowlanders at high altitude: a cross-sectional study. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2010</b> , 23, 187-93	5	17
8	Unexpected pulseless disease associated with recurrent venous thromboembolisms. <i>Clinical and Applied Thrombosis/Hemostasis</i> , <b>2009</b> , 15, 239-40	3.3	
7	Echocardiographic and tissue Doppler imaging of cardiac adaptation to high altitude in native highlanders versus acclimatized lowlanders. <i>American Journal of Cardiology</i> , <b>2009</b> , 103, 1605-9	3	62
6	Effects of acetazolamide on aerobic exercise capacity and pulmonary hemodynamics at high altitudes. <i>Journal of Applied Physiology</i> , <b>2007</b> , 103, 1161-5	3.7	36
5	Effects of sildenafil on exercise capacity in hypoxic normal subjects. <i>High Altitude Medicine and Biology</i> , <b>2007</b> , 8, 155-63	1.9	59
4	Images in cardiovascular medicine. High-altitude-induced right-heart failure. <i>Circulation</i> , <b>2007</b> , 115, e308-9	16.7	32

3	Safety, tolerability and efficacy of indacaterol, a novel once-daily beta(2)-agonist, in patients with COPD: a 28-day randomised, placebo controlled clinical trial. <i>Pulmonary Pharmacology and Therapeutics</i> , <b>2007</b> , 20, 740-9	3.5	71
2	A comparative study of clarithromycin modified release and amoxicillin/clavulanic acid in the treatment of acute exacerbation of chronic bronchitis. <i>Advances in Therapy</i> , <b>2001</b> , 18, 1-11	4.1	13
1	Relationship between inflammatory processes and gas exchanges in pulmonary sarcoidosis. <i>Chest</i> , <b>1989</b> , 96, 550-6	5.3	1