

Jean-Benoit Martinot

List of Publications by Citations

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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.

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	Mepolizumab for Eosinophilic Chronic Obstructive Pulmonary Disease. <i>New England Journal of Medicine</i> , 2017 , 377, 1613-1629	59.2	274
37	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> , 2007 , 20, 740-9	3.5	71
36	Echocardiographic and tissue Doppler imaging of cardiac adaptation to high altitude in native highlanders versus acclimatized lowlanders. <i>American Journal of Cardiology</i> , 2009 , 103, 1605-9	3	62
35	Exercise pathophysiology in patients with chronic mountain sickness exercise in chronic mountain sickness. <i>Chest</i> , 2012 , 142, 877-884	5.3	60
34	Effects of sildenafil on exercise capacity in hypoxic normal subjects. <i>High Altitude Medicine and Biology</i> , 2007 , 8, 155-63	1.9	59
33	Effects of acetazolamide on aerobic exercise capacity and pulmonary hemodynamics at high altitudes. <i>Journal of Applied Physiology</i> , 2007 , 103, 1161-5	3.7	36
32	Pulmonary circulation and gas exchange at exercise in Sherpas at high altitude. <i>Journal of Applied Physiology</i> , 2014 , 116, 919-26	3.7	35
31	Images in cardiovascular medicine. High-altitude-induced right-heart failure. <i>Circulation</i> , 2007 , 115, e308-9	10.7	32
30	Improvement in lung diffusion by endothelin A receptor blockade at high altitude. <i>Journal of Applied Physiology</i> , 2012 , 112, 20-5	3.7	28
29	Factors Contributing to Unintentional Leak During CPAP Treatment: A Systematic Review. <i>Chest</i> , 2017 , 151, 707-719	5.3	25
28	In vivo estimates of NO and CO conductance for haemoglobin and for lung transfer in humans. <i>Respiratory Physiology and Neurobiology</i> , 2016 , 228, 1-8	2.8	25
27	Lung membrane conductance and capillary volume derived from the NO and CO transfer in high-altitude newcomers. <i>Journal of Applied Physiology</i> , 2013 , 115, 157-66	3.7	23
26	Mandibular movements identify respiratory effort in pediatric obstructive sleep apnea. <i>Journal of Clinical Sleep Medicine</i> , 2015 , 11, 567-74	3.1	19
25	Pulmonary vascular reserve and exercise capacity at sea level and at high altitude. <i>High Altitude Medicine and Biology</i> , 2013 , 14, 19-26	1.9	17
24	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> , 2010 , 23, 187-93	5	17
23	Assessment of Mandibular Movement Monitoring With Machine Learning Analysis for the Diagnosis of Obstructive Sleep Apnea. <i>JAMA Network Open</i> , 2020 , 3, e1919657	10.4	16
22	Determinants of Unintentional Leaks During CPAP Treatment in OSA. <i>Chest</i> , 2018 , 153, 834-842	5.3	14

21	Mandibular position and movements: Suitability for diagnosis of sleep apnoea. <i>Respirology</i> , 2017 , 22, 567-574	3.6	13
20	Mandibular Movements As Accurate Reporters of Respiratory Effort during Sleep: Validation against Diaphragmatic Electromyography. <i>Frontiers in Neurology</i> , 2017 , 8, 353	4.1	13
19	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> , 2001 , 18, 1-11	4.1	13
18	Persistent respiratory effort after adenotonsillectomy in children with sleep-disordered breathing. <i>Laryngoscope</i> , 2018 , 128, 1230-1237	3.6	11
17	Bruxism Relieved Under CPAP Treatment in a Patient With OSA Syndrome. <i>Chest</i> , 2020 , 157, e59-e62	5.3	9
16	Nitrogen monoxide and carbon monoxide transfer interpretation: state of the art. <i>Clinical Physiology and Functional Imaging</i> , 2017 , 37, 357-365	2.4	8
15	TLNO/TLCO ratio is not the end of the road. <i>European Respiratory Journal</i> , 2014 , 43, 1535-6	13.6	6
14	Nasal Obstruction Symptom Evaluation Score to Guide Mask Selection in CPAP-Treated Obstructive Sleep Apnea. <i>Otolaryngology - Head and Neck Surgery</i> , 2018 , 159, 590-592	5.5	5
13	Mandibular Movement Analysis to Assess Efficacy of Oral Appliance Therapy in OSA. <i>Chest</i> , 2018 , 154, 1340-1347	5.3	4
12	The key role of the mandible in modulating airflow amplitude during sleep. <i>Respiratory Physiology and Neurobiology</i> , 2020 , 279, 103447	2.8	3
11	Respiratory Mandibular Movement Signals Reliably Identify Obstructive Hypopnea Events During Sleep. <i>Frontiers in Neurology</i> , 2019 , 10, 828	4.1	3
10	Monitoring mandibular movements to detect Cheyne-Stokes Breathing. <i>Respiratory Research</i> , 2017 , 18, 66	7.3	3
9	Detecting COVID-19 and other respiratory infections in obstructive sleep apnoea patients through CPAP device telemonitoring.. <i>Digital Health</i> , 2021 , 7, 20552076211002957	4	2
8	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> , 2021 , 204, 1227-1231	10.2	2
7	Relationship between inflammatory processes and gas exchanges in pulmonary sarcoidosis. <i>Chest</i> , 1989 , 96, 550-6	5.3	1
6	Clinical validation of a mandibular movement signal based system for the diagnosis of pediatric sleep apnea. <i>Pediatric Pulmonology</i> , 2021 ,	3.5	1
5	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> , 2021 , 13, 1449-1459	3.6	0
4	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> , 2022 , 16, 726880	5.1	0

- 3 Mandibular Movements are a Reliable Noninvasive Alternative to Esophageal Pressure for Measuring Respiratory Effort in Patients with Sleep Apnea Syndrome.. *Nature and Science of Sleep*, **2022**, 14, 635-644 3.6 0
- 2 Partial versus maximal forced exhalations in COPD: enhanced signal detection for novel therapies. *Pulmonary Pharmacology and Therapeutics*, **2014**, 29, 58-65 3.5
- 1 Unexpected pulseless disease associated with recurrent venous thromboembolisms. *Clinical and Applied Thrombosis/Hemostasis*, **2009**, 15, 239-40 3.3