

# Claire Mm De Bisschop

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

657  
citations

686830

13  
h-index

642321

23  
g-index

23  
all docs

23  
docs citations

23  
times ranked

832  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectral Analysis of Heart Rate Variability during Exercise in Trained Subjects. <i>Medicine and Science in Sports and Exercise</i> , 2004, 36, 1702-1708.	0.2	90
2	Spectral analysis of heart rate variability: interchangeability between autoregressive analysis and fast Fourier transform. <i>Journal of Electrocardiology</i> , 2006, 39, 31-37.	0.4	90
3	Is the 1-minute sit-to-stand test a good tool for the evaluation of the impact of pulmonary rehabilitation? Determination of the minimal important difference in COPD. <i>International Journal of COPD</i> , 2016, Volume 11, 2609-2616.	0.9	82
4	Exercise Pathophysiology in Patients With Chronic Mountain Sickness. <i>Chest</i> , 2012, 142, 877-884.	0.4	75
5	Deciphering the nitric oxide to carbon monoxide lung transfer ratio: physiological implications. <i>Journal of Physiology</i> , 2007, 582, 767-775.	1.3	46
6	Pulmonary circulation and gas exchange at exercise in Sherpas at high altitude. <i>Journal of Applied Physiology</i> , 2014, 116, 919-926.	1.2	46
7	Parasympathetic Airway Response and Heart Rate Variability Before and at the End of Methacholine Challenge. <i>Chest</i> , 2005, 127, 23-29.	0.4	33
8	Improvement in lung diffusion by endothelin A receptor blockade at high altitude. <i>Journal of Applied Physiology</i> , 2012, 112, 20-25.	1.2	32
9	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, 157-166.	1.2	27
10	Determining the minimally important difference in quadriceps strength in individuals with COPD using a fixed dynamometer. <i>International Journal of COPD</i> , 2018, Volume 13, 2685-2693.	0.9	24
11	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, 187-193.	1.2	23
12	Pulmonary Vascular Reserve and Exercise Capacity at Sea Level and at High Altitude. <i>High Altitude Medicine and Biology</i> , 2013, 14, 19-26.	0.5	21
13	Echocardiographic right ventricular strain analysis in chronic heart failure. <i>European Journal of Echocardiography</i> , 2007, 8, 449-456.	2.3	19
14	Membrane conductance in trained and untrained subjects using either steady state or single breath measurements of NO transfer. <i>Nitric Oxide - Biology and Chemistry</i> , 2006, 15, 199-208.	1.2	11
15	Accounting for flow dependence of respiratory resistance during exercise. <i>Respiratory Physiology and Neurobiology</i> , 2003, 136, 65-76.	0.7	9
16	The effect of posture-induced changes in peripheral nitric oxide uptake on exhaled nitric oxide. <i>Journal of Applied Physiology</i> , 2009, 106, 1494-1498.	1.2	9
17	Feasibility of intercostal blood flow measurement by echo-Doppler technique in healthy subjects. <i>Clinical Physiology and Functional Imaging</i> , 2017, 37, 282-287.	0.5	6
18	Translation and Cultural Adaptation of PROactive Instruments for COPD in French and Influence of Weather and Pollution on Its Difficulty Score. <i>International Journal of COPD</i> , 2020, Volume 15, 471-478.	0.9	4

#	ARTICLE	IF	CITATIONS
19	Does branched-chain amino acid supplementation improve pulmonary rehabilitation effect in COPD?. Respiratory Medicine, 2021, 189, 106642.	1.3	3
20	Expiratory muscles modulate negative expiratory pressure-induced flow during muscular exercise. Respiratory Physiology and Neurobiology, 2006, 154, 453-466.	0.7	2
21	Does exercise have deleterious consequences for the lungs of patients with chronic heart failure?. Respiratory Medicine, 2009, 103, 393-400.	1.3	2
22	Intercostal muscle oxygenation during expiratory load breathing at rest. Respiratory Physiology and Neurobiology, 2019, 261, 24-30.	0.7	2
23	Effect of expiratory loaded breathing during moderate exercise on intercostal muscle oxygenation. Multidisciplinary Respiratory Medicine, 2020, 15, 702.	0.6	1