

Nicolle J Domnik

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

324
citations

1163117

8
h-index

888059

17
g-index

28
all docs

28
docs citations

28
times ranked

444
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances and contraversies on the role of pulmonary neuroepithelial bodies as airway sensors. <i>Seminars in Cell and Developmental Biology</i> , 2013, 24, 40-50.	5.0	94
2	Advances in the Evaluation of Respiratory Pathophysiology during Exercise in Chronic Lung Diseases. <i>Frontiers in Physiology</i> , 2017, 8, 82.	2.8	71
3	Pulmonary neuroepithelial bodies as airway sensors: putative role in the generation of dyspnea. <i>Current Opinion in Pharmacology</i> , 2011, 11, 211-217.	3.5	37
4	Acute bronchodilator therapy does not reduce wasted ventilation during exercise in COPD. <i>Respiratory Physiology and Neurobiology</i> , 2018, 252-253, 64-71.	1.6	16
5	Automated Non-invasive Video-Microscopy of Oyster Spat Heart Rate during Acute Temperature Change: Impact of Acclimation Temperature. <i>Frontiers in Physiology</i> , 2016, 7, 236.	2.8	12
6	Deterioration of Nighttime Respiratory Mechanics in COPD. <i>Chest</i> , 2021, 159, 116-127.	0.8	12
7	Reduced exercise tolerance in mild chronic obstructive pulmonary disease: The contribution of combined abnormalities of diffusing capacity for carbon monoxide and ventilatory efficiency. <i>Respirology</i> , 2021, 26, 786-795.	2.3	12
8	Elevated exercise ventilation in mild COPD is not linked to enhanced central chemosensitivity. <i>Respiratory Physiology and Neurobiology</i> , 2021, 284, 103571.	1.6	11
9	Clinical Utility of Measuring Inspiratory Neural Drive During Cardiopulmonary Exercise Testing (CPET). <i>Frontiers in Medicine</i> , 2020, 7, 483.	2.6	10
10	Evaluation of Dynamic Respiratory Mechanical Abnormalities During Conventional CPET. <i>Frontiers in Medicine</i> , 2020, 7, 548.	2.6	9
11	Mechanisms of Exertional Dyspnea in Patients with Mild COPD and a Low Resting DL _{CO} . <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2021, 18, 501-510.	1.6	8
12	Mechanisms of orthopnoea in patients with advanced COPD. <i>European Respiratory Journal</i> , 2021, 57, 2000754.	6.7	7
13	OVA-induced airway hyperresponsiveness alters murine heart rate variability and body temperature. <i>Frontiers in Physiology</i> , 2012, 3, 456.	2.8	5
14	Compensatory responses to increased mechanical abnormalities in COPD during sleep. <i>European Journal of Applied Physiology</i> , 2022, 122, 663-676.	2.5	5
15	CO2 rebreathing: an undergraduate laboratory to study the chemical control of breathing. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2013, 37, 361-369.	1.6	3
16	Severe Exertional Dyspnea in an Ex-Smoker with a Large Apical Bulla. <i>Annals of the American Thoracic Society</i> , 2018, 15, 1221-1228.	3.2	3
17	Sleep quality and architecture in COPD: the relationship with lung function abnormalities. <i>Jornal Brasileiro De Pneumologia</i> , 2021, 47, e20200612.	0.7	2
18	Mechanosensitivity of Murine Lung Slowly Adapting Receptors: Minimal Impact of Chemosensory, Serotonergic, and Purinergic Signaling. <i>Frontiers in Physiology</i> , 2022, 13, 833665.	2.8	2

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19	599 Accurate QRS Detection in the Murine ECG. Canadian Journal of Cardiology, 2012, 28, S320-S321.	1.7	1
20	Moving average and standard deviation thresholding (MAST): a novel algorithm for accurate R-wave detection in the murine electrocardiogram. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2021, 191, 1071-1083.	1.5	1
21	Overnight deterioration of supine respiratory mechanics in COPD: impact of nocturnal acclidinium bromide/formoterol fumarate. , 2019, , .		1
22	Inspiratory neural drive and muscle activity during sleep in moderate-to-severe COPD. , 2020, , .		1
23	Acute Airway Hyperresponsiveness Alters Heart Rate And Body Temperature In An Ovalbumin Model Of Asthma. , 2011, , .		0
24	Development of the Innervation of the Lower Airways. , 2014, , 33-64.		0
25	Are Your Muscles or Your Brain Making You Feel Tired After Exercise?. Frontiers for Young Minds, 0, 9, .	0.8	0
26	Lung hyperinflation is related to poor sleep quality in patients with COPD. , 2017, , .		0
27	Impact of bronchodilator therapy on diaphragmatic function in sleep in COPD. , 2020, , .		0