

# Jonne Doorduyn

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

1,264  
citations

361413

20  
h-index

377865

34  
g-index

50  
all docs

50  
docs citations

50  
times ranked

1348  
citing authors

#	ARTICLE	IF	CITATIONS
1	Monitoring of the Respiratory Muscles in the Critically Ill. American Journal of Respiratory and Critical Care Medicine, 2013, 187, 20-27.	5.6	170
2	The Calcium Sensitizer Levosimendan Improves Human Diaphragm Function. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 90-95.	5.6	117
3	Treating Rhythmic and Periodic EEG Patterns in Comatose Survivors of Cardiac Arrest. New England Journal of Medicine, 2022, 386, 724-734.	27.0	69
4	Partial Neuromuscular Blockade during Partial Ventilatory Support in Sedated Patients with High Tidal Volumes. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 1033-1042.	5.6	56
5	Diagnostic accuracy of quantitative neuromuscular ultrasound for the diagnosis of intensive care unit-acquired weakness: a cross-sectional observational study. Annals of Intensive Care, 2017, 7, 40.	4.6	54
6	The predictive value of respiratory function tests for non-invasive ventilation in amyotrophic lateral sclerosis. Respiratory Research, 2017, 18, 144.	3.6	54
7	Respiratory Muscle Effort during Expiration in Successful and Failed Weaning from Mechanical Ventilation. Anesthesiology, 2018, 129, 490-501.	2.5	50
8	Functional assessment of the diaphragm by speckle tracking ultrasound during inspiratory loading. Journal of Applied Physiology, 2017, 123, 1063-1070.	2.5	49
9	Monitoring and preventing diaphragm injury. Current Opinion in Critical Care, 2015, 21, 34-41.	3.2	43
10	Efficacy of ventilator waveform observation for detection of patient-ventilator asynchrony during NIV: a multicentre study. ERJ Open Research, 2017, 3, 00075-2017.	2.6	42
11	Automated patient-ventilator interaction analysis during neurally adjusted non-invasive ventilation and pressure support ventilation in chronic obstructive pulmonary disease. Critical Care, 2014, 18, 550.	5.8	41
12	Assisted Ventilation in Patients with Acute Respiratory Distress Syndrome. Anesthesiology, 2015, 123, 181-190.	2.5	40
13	Estimation of the diaphragm neuromuscular efficiency index in mechanically ventilated critically ill patients. Critical Care, 2018, 22, 238.	5.8	39
14	Assessment of dead-space ventilation in patients with acute respiratory distress syndrome: a prospective observational study. Critical Care, 2016, 20, 121.	5.8	34
15	Strategies to optimize respiratory muscle function in ICU patients. Critical Care, 2016, 20, 103.	5.8	33
16	Diaphragm shear modulus reflects transdiaphragmatic pressure during isovolumetric inspiratory efforts and ventilation against inspiratory loading. Journal of Applied Physiology, 2019, 126, 699-707.	2.5	33
17	Phrenic neuropathy and diaphragm dysfunction in neuralgic amyotrophy. Neurology, 2018, 91, e843-e849.	1.1	31
18	Deep learning segmentation of transverse musculoskeletal ultrasound images for neuromuscular disease assessment. Computers in Biology and Medicine, 2021, 135, 104623.	7.0	26

#	ARTICLE	IF	CITATIONS
19	KBTBD13 is an actin-binding protein that modulates muscle kinetics. <i>Journal of Clinical Investigation</i> , 2020, 130, 754-767.	8.2	25
20	Ultrasound can differentiate inclusion body myositis from disease mimics. <i>Muscle and Nerve</i> , 2020, 61, 783-788.	2.2	21
21	Cerebellar transcranial direct current stimulation in spinocerebellar ataxia type 3 (SCA3-tDCS): rationale and protocol of a randomized, double-blind, sham-controlled study. <i>BMC Neurology</i> , 2019, 19, 149.	1.8	20
22	Effects of levosimendan on respiratory muscle function in patients weaning from mechanical ventilation. <i>Intensive Care Medicine</i> , 2019, 45, 1372-1381.	8.2	20
23	Long-term effect of motor cortex stimulation in patients suffering from chronic neuropathic pain: An observational study. <i>PLoS ONE</i> , 2018, 13, e0191774.	2.5	20
24	The differential diagnosis for failure to wean from mechanical ventilation. <i>Current Opinion in Anaesthesiology</i> , 2016, 29, 150-157.	2.0	19
25	Noninvasive ventilation and the upper airway: should we pay more attention?. <i>Critical Care</i> , 2013, 17, 245.	5.8	17
26	Association of diaphragm thickness and echogenicity with age, sex, and <sc>body mass index</sc> in healthy subjects. <i>Muscle and Nerve</i> , 2022, 66, 197-202.	2.2	15
27	Awake Surgery for a Violin Player: Monitoring Motor and Music Performance, A Case Report. <i>Archives of Clinical Neuropsychology</i> , 2019, 34, 132-137.	0.5	14
28	The effect of metabolic alkalosis on the ventilatory response in healthy subjects. <i>Respiratory Physiology and Neurobiology</i> , 2018, 249, 47-53.	1.6	12
29	Natural history, outcome measures and trial readiness in LAMA2-related muscular dystrophy and SELENON-related myopathy in children and adults: protocol of the LAST STRONG study. <i>BMC Neurology</i> , 2021, 21, 313.	1.8	12
30	Coherence of jaw and neck muscle activity during sleep bruxism. <i>Journal of Oral Rehabilitation</i> , 2020, 47, 432-440.	3.0	11
31	Estimated ECG Subtraction method for removing ECG artifacts in esophageal recordings of diaphragm EMG. <i>Biomedical Signal Processing and Control</i> , 2021, 69, 102861.	5.7	8
32	TcMEP threshold change is superior to A-train detection when predicting facial nerve outcome in CPA tumour surgery. <i>Acta Neurochirurgica</i> , 2020, 162, 1197-1203.	1.7	7
33	Respiratory muscle function in patients with nemaline myopathy. <i>Neuromuscular Disorders</i> , 2022, 32, 654-663.	0.6	7
34	EFFECTS OF EXPERIMENTAL HUMAN ENDOTOXEMIA ON DIAPHRAGM FUNCTION. <i>Shock</i> , 2015, 44, 316-322.	2.1	6
35	Safety of needle electromyography of the diaphragm: Anterior lung margins in quietly breathing healthy subjects. <i>Muscle and Nerve</i> , 2016, 54, 54-57.	2.2	6
36	Simple surface EMG recording as a noninvasive screening method for the detection of acute oxaliplatin-induced neurotoxicity: a feasibility pilot study. <i>Neuroscience Letters</i> , 2019, 699, 184-188.	2.1	6

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37	250th ENMC International Workshop: Clinical trial readiness in nemaline myopathy 6â€“8 September 2019, Hoofddorp, the Netherlands. <i>Neuromuscular Disorders</i> , 2020, 30, 866-875.	0.6	6
38	Repeatability and reliability of muscle relaxation properties induced by motor cortical stimulation. <i>Journal of Applied Physiology</i> , 2018, 124, 1597-1604.	2.5	5
39	Glottic patency during noninvasive ventilation in patients with chronic obstructive pulmonary disease. <i>Respiratory Physiology and Neurobiology</i> , 2019, 259, 53-57.	1.6	5
40	Ventilating two patients with one ventilator: technical setup and laboratory testing. <i>ERJ Open Research</i> , 2020, 6, 00256-2020.	2.6	5
41	Respiratory muscle imaging by ultrasound and MRI in neuromuscular disorders. <i>European Respiratory Journal</i> , 2021, 58, 2100137.	6.7	5
42	Patient-Ventilator Interaction During Noninvasive Ventilation in Subjects With Exacerbation of COPD: Effect of Support Level and Ventilator Mode. <i>Respiratory Care</i> , 2020, 65, 1315-1322.	1.6	4
43	Ultrafast Ultrasound Imaging Grants Alternate Methods for Assessing Diaphragm Function. , 2018, , .		2
44	Long-term follow-up of respiratory function in facioscapulohumeral muscular dystrophy. <i>Journal of Neurology</i> , 2022, 269, 3682-3689.	3.6	2
45	Respiratory Assessment of ALS Patients: A Nationwide Survey of Current Dutch Practice. <i>Journal of Neuromuscular Diseases</i> , 2018, , 1-8.	2.6	1
46	The Role of Microelectrode Recording and Stereotactic Computed Tomography in Verifying Lead Placement During Awake MRI-Guided Subthalamic Nucleus Deep Brain Stimulation for Parkinsonâ€™s Disease. <i>Journal of Parkinson's Disease</i> , 2022, 12, 1269-1278.	2.8	1
47	How can you mend a broken heart?*. <i>Critical Care Medicine</i> , 2012, 40, 702-703.	0.9	0
48	Assisted Ventilation in Patients With Acute Respiratory Distress Syndrome. <i>Survey of Anesthesiology</i> , 2016, 60, 50-51.	0.1	0
49	Respiratory Muscle Effort during Weaning: Reply. <i>Anesthesiology</i> , 2019, 130, 857-857.	2.5	0