

# Isabelle Vivodtzev

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

1,374  
citations

430874

18  
h-index

345221

36  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1715  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improvement in Quadriceps Strength and Dyspnea in Daily Tasks After 1 Month of Electrical Stimulation in Severely Deconditioned and Malnourished COPD. <i>Chest</i> , 2006, 129, 1540-1548.	0.8	225
2	Obstructive Sleep Apnea: A Cluster Analysis at Time of Diagnosis. <i>PLoS ONE</i> , 2016, 11, e0157318.	2.5	146
3	Functional and Muscular Effects of Neuromuscular Electrical Stimulation in Patients With Severe COPD. <i>Chest</i> , 2012, 141, 716-725.	0.8	137
4	Clinical Use of Neuromuscular Electrical Stimulation for Neuromuscular Rehabilitation: What Are We Overlooking?. <i>Archives of Physical Medicine and Rehabilitation</i> , 2018, 99, 806-812.	0.9	88
5	Neuromuscular Electrical Stimulation of the Lower Limbs in Patients With Chronic Obstructive Pulmonary Disease. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2008, 28, 79-91.	2.1	87
6	Arterial Stiffness in COPD. <i>Chest</i> , 2014, 145, 861-875.	0.8	85
7	Obstructive Sleep Apnea Syndrome, Objectively Measured Physical Activity and Exercise Training Interventions: A Systematic Review and Meta-Analysis. <i>Frontiers in Neurology</i> , 2018, 9, 73.	2.4	83
8	Significant Improvement in Arterial Stiffness After Endurance Training in Patients With COPD. <i>Chest</i> , 2010, 137, 585-592.	0.8	67
9	CPAP Treatment Supported by Telemedicine Does Not Improve Blood Pressure in High Cardiovascular Risk OSA Patients: A Randomized, Controlled Trial. <i>Sleep</i> , 2014, 37, 1863-1870.	1.1	62
10	Maximal exercise capacity in patients with obstructive sleep apnoea syndrome: a systematic review and meta-analysis. <i>European Respiratory Journal</i> , 2018, 51, 1702697.	6.7	38
11	Benefits of Neuromuscular Electrical Stimulation Prior to Endurance Training in Patients With Cystic Fibrosis and Severe Pulmonary Dysfunction. <i>Chest</i> , 2013, 143, 485-493.	0.8	37
12	A new paradigm of neuromuscular electrical stimulation for the quadriceps femoris muscle. <i>European Journal of Applied Physiology</i> , 2014, 114, 1197-1205.	2.5	34
13	Ectopic fat accumulation in patients with COPD: an ECLIPSE substudy. <i>International Journal of COPD</i> , 2017, Volume 12, 451-460.	2.3	33
14	Reduced six-minute walking distance, high fat-free-mass index and hypercapnia are associated with endothelial dysfunction in COPD. <i>Respiratory Physiology and Neurobiology</i> , 2012, 183, 128-134.	1.6	32
15	Voluntary activation during knee extensions in severely deconditioned patients with chronic obstructive pulmonary disease: Benefit of endurance training. <i>Muscle and Nerve</i> , 2008, 37, 27-35.	2.2	29
16	Ventilatory support or respiratory muscle training as adjuncts to exercise in obese CPAP-treated patients with obstructive sleep apnoea: a randomised controlled trial. <i>Thorax</i> , 2018, 73, 634-643.	5.6	26
17	Home exercise training with non-invasive ventilation in thoracic restrictive respiratory disorders: A randomised study. <i>Respiratory Physiology and Neurobiology</i> , 2009, 167, 168-173.	1.6	20
18	Arterial stiffness by pulse wave velocity in COPD: reliability and reproducibility. <i>European Respiratory Journal</i> , 2013, 42, 1140-1142.	6.7	19

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19	Mild to Moderate Sleep Apnea Is Linked to Hypoxia-induced Motor Recovery after Spinal Cord Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 887-890.	5.6	15
20	Tolerance and Physiological Correlates of Neuromuscular Electrical Stimulation in COPD: A Pilot Study. <i>PLoS ONE</i> , 2014, 9, e94850.	2.5	14
21	Acute Ventilatory Support During Whole-Body Hybrid Rowing in Patients With High-Level Spinal Cord Injury. <i>Chest</i> , 2020, 157, 1230-1240.	0.8	13
22	Quadriceps muscle fat infiltration is associated with cardiometabolic risk in <scp>COPD</scp>. <i>Clinical Physiology and Functional Imaging</i> , 2018, 38, 788-797.	1.2	12
23	The effect of heart rate variability on blood pressure is augmented in spinal cord injury and is unaltered by exercise training. <i>Clinical Autonomic Research</i> , 2021, 31, 293-301.	2.5	11
24	Cardiac, Autonomic, and Cardiometabolic Impact of Exercise Training in Spinal Cord Injury. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2021, 41, 6-12.	2.1	10
25	Physiological correlates to spontaneous physical activity variability in obese patients with already treated sleep apnea syndrome. <i>Sleep and Breathing</i> , 2017, 21, 61-68.	1.7	8
26	Automated O2 titration improves exercise capacity in patients with hypercapnic chronic obstructive pulmonary disease: a randomised controlled cross-over trial. <i>Thorax</i> , 2019, 74, 298-301.	5.6	7
27	Gains in aerobic capacity with whole-body functional electrical stimulation row training and generalization to arms-only exercise after spinal cord injury. <i>Spinal Cord</i> , 2021, 59, 74-81.	1.9	7
28	Serotonin 1A agonist and cardiopulmonary improvements with whole-body exercise in acute, high-level spinal cord injury: a retrospective analysis. <i>European Journal of Applied Physiology</i> , 2021, 121, 453-463.	2.5	7
29	Augmenting exercise capacity with noninvasive ventilation in high-level spinal cord injury. <i>Journal of Applied Physiology</i> , 2018, 124, 1294-1296.	2.5	5
30	Chronic neuromuscular electrical stimulation improves muscle mass and insulin sensitivity in a mouse model. <i>Scientific Reports</i> , 2019, 9, 7252.	3.3	5
31	Cardiovascular Risk in COPD. <i>Chest</i> , 2020, 157, 753-754.	0.8	5
32	Ventilatory support during whole-body row training improves oxygen uptake efficiency in patients with high-level spinal cord injury: A pilot study. <i>Respiratory Medicine</i> , 2020, 171, 106104.	2.9	2
33	&lt;p&gt;Low Liver Density Is Linked to Cardiovascular Comorbidity in COPD: An ECLIPSE Cohort Analysis&lt;/p&gt;. <i>International Journal of COPD</i> , 2019, Volume 14, 3053-3061.	2.3	2
34	Acute Feasibility of Neuromuscular Electrical Stimulation in Severely Obese Patients with Obstructive Sleep Apnea Syndrome: A Pilot Study. <i>BioMed Research International</i> , 2017, 2017, 1-7.	1.9	1
35	Diaphragmatic Activity and Respiratory Function Following C3 or C6 Unilateral Spinal Cord Contusion in Mice. <i>Biology</i> , 2022, 11, 558.	2.8	1
36	Response. <i>Chest</i> , 2020, 158, 1785.	0.8	0

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37	Serotonin 1A Receptor Pharmacotherapy and Neuroplasticity in Spinal Cord Injury. <i>Pharmaceuticals</i> , 2022, 15, 460.	3.8	0