

# W Darlene Reid

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

1,335  
citations

567281

15  
h-index

361022

35  
g-index

39  
all docs

39  
docs citations

39  
times ranked

1526  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical Ventilation-induced Diaphragm Atrophy Strongly Impacts Clinical Outcomes. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 204-213.	5.6	441
2	Diaphragmatic myotrauma: a mediator of prolonged ventilation and poor patient outcomes in acute respiratory failure. <i>Lancet Respiratory Medicine</i> , 2019, 7, 90-98.	10.7	139
3	Falls in people with chronic obstructive pulmonary disease: An observational cohort study. <i>Respiratory Medicine</i> , 2011, 105, 461-469.	2.9	127
4	Considerations When Testing and Training the Respiratory Muscles. <i>Physical Therapy</i> , 1995, 75, 971-982.	2.4	76
5	Prevalence and Risk Factors for Osteoporosis in Individuals With COPD. <i>Chest</i> , 2019, 156, 1092-1110.	0.8	70
6	Association of Low Baseline Diaphragm Muscle Mass With Prolonged Mechanical Ventilation and Mortality Among Critically Ill Adults. <i>JAMA Network Open</i> , 2020, 3, e1921520.	5.9	52
7	Wireless near-infrared spectroscopy of skeletal muscle oxygenation and hemodynamics during exercise and ischemia. <i>Spectroscopy</i> , 2009, 23, 233-241.	0.8	48
8	Sternocleidomastoid muscle deoxygenation in response to incremental inspiratory threshold loading measured by near infrared spectroscopy. <i>Respiratory Physiology and Neurobiology</i> , 2011, 178, 202-209.	1.6	40
9	Effects of physical exercise training on nocturnal symptoms in asthma: Systematic review. <i>PLoS ONE</i> , 2018, 13, e0204953.	2.5	27
10	Impact of Physical Training Programs on Physical Fitness in People With Class II and III Obesity: A Systematic Review and Meta-Analysis. <i>Physical Therapy</i> , 2020, 100, 963-978.	2.4	23
11	A review of respiratory manifestations and their management in Ehlers-Danlos syndromes and hypermobility spectrum disorders. <i>Chronic Respiratory Disease</i> , 2021, 18, 147997312110253.	2.4	22
12	Oxyhemoglobin changes in the prefrontal cortex in response to cognitive tasks: a systematic review. <i>International Journal of Neuroscience</i> , 2019, 129, 194-202.	1.6	21
13	Idiopathic Pulmonary Fibrosis: A Review of Disease, Pharmacological, and Nonpharmacological Strategies With a Focus on Symptoms, Function, and Health-Related Quality of Life. <i>Journal of Pain and Symptom Management</i> , 2020, 59, 1362-1378.	1.2	20
14	Diaphragm echodensity in mechanically ventilated patients: a description of technique and outcomes. <i>Critical Care</i> , 2021, 25, 64.	5.8	18
15	The effect of mental tracking task on spatiotemporal gait parameters in healthy younger and middle- and older aged participants during dual tasking. <i>Experimental Brain Research</i> , 2019, 237, 3123-3132.	1.5	17
16	Deoxygenation of inspiratory muscles during cycling, hyperpnoea and loaded breathing in health and disease: a systematic review. <i>Clinical Physiology and Functional Imaging</i> , 2018, 38, 554-565.	1.2	15
17	Reliability and validity of the Brief Pain Inventory in individuals with chronic obstructive pulmonary disease. <i>European Journal of Pain</i> , 2018, 22, 1718-1726.	2.8	15
18	Effect of acute hypoxia on inspiratory muscle oxygenation during incremental inspiratory loading in healthy adults. <i>European Journal of Applied Physiology</i> , 2016, 116, 841-850.	2.5	14

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19	Abdominal Muscle Use During Spontaneous Breathing and Cough in Patients Who Are Mechanically Ventilated. <i>Chest</i> , 2021, 160, 1316-1325.	0.8	14
20	The contribution of thoracic vertebral deformity and arthropathy to trunk pain in patients with chronic obstructive pulmonary disease (COPD). <i>Respiratory Medicine</i> , 2018, 137, 115-122.	2.9	13
21	Exertional Oxygen Requirements During Exercise Training in Advanced Interstitial Lung Disease. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2018, 38, 419-424.	2.1	13
22	Surface electromyography (sEMG) of extradiaphragm respiratory muscles in healthy subjects: A systematic review. <i>Journal of Electromyography and Kinesiology</i> , 2018, 42, 123-135.	1.7	11
23	Masseter Deoxygenation in Adults at Risk for Temporomandibular Disorders. <i>Journal of Dental Research</i> , 2019, 98, 666-672.	5.2	11
24	Recruitment and Deoxygenation of Selected Respiratory and Skeletal Muscles During Incremental Loading in Stable COPD Patients. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2016, 36, 279-287.	2.1	10
25	Changes in Oxyhemoglobin Concentration in the Prefrontal Cortex during Cognitive-Motor Dual Tasks in People with Chronic Obstructive Pulmonary Disease. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2020, 17, 289-296.	1.6	10
26	Muscle and cerebral oxygenation during cycling in chronic obstructive pulmonary disease: A scoping review. <i>Chronic Respiratory Disease</i> , 2021, 18, 147997312199349.	2.4	9
27	Interval aerobic exercise in individuals with advanced interstitial lung disease: a feasibility study. <i>Physiotherapy Theory and Practice</i> , 2021, 37, 1034-1042.	1.3	8
28	Neck and Inspiratory Muscle Recruitment during Inspiratory Loading and Neck Flexion. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 1610-1616.	0.4	7
29	Sex-Differences in the Oxygenation Levels of Intercostal and Vastus Lateralis Muscles During Incremental Exercise. <i>Frontiers in Physiology</i> , 2021, 12, 738063.	2.8	7
30	Decreased automaticity contributes to dual task decrements in older compared to younger adults. <i>European Journal of Applied Physiology</i> , 2022, 122, 965-974.	2.5	7
31	Hemodynamics of the sternocleidomastoid measured with frequency domain near-infrared spectroscopy towards non-invasive monitoring during mechanical ventilation. <i>Biomedical Optics Express</i> , 2021, 12, 4147.	2.9	6
32	Loss of Neural Automaticity Contributes to Slower Walking in COPD Patients. <i>Cells</i> , 2022, 11, 1606.	4.1	6
33	Submaximal exercise testing with near-infrared spectroscopy in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome patients compared to healthy controls: a caseâ€“control study. <i>Journal of Translational Medicine</i> , 2015, 13, 159.	4.4	4
34	Scalene and sternocleidomastoid activation during normoxic and hypoxic incremental inspiratory loading. <i>Physiological Reports</i> , 2020, 8, e14522.	1.7	4
35	The effects of hypoxia on muscle deoxygenation and recruitment in the flexor digitorum superficialis during submaximal intermittent handgrip exercise. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2020, 12, 16.	1.7	4
36	Prefrontal cortex activation during incremental inspiratory loading in healthy participants. <i>Respiratory Physiology and Neurobiology</i> , 2022, 296, 103827.	1.6	3

#	ARTICLE	IF	CITATIONS
37	Semi-automated Detection of the Timing of Respiratory Muscle Activity: Validation and First Application. <i>Frontiers in Physiology</i> , 2021, 12, 794598.	2.8	2
38	Relationship between resting heart rate and arterial stiffness in patients with chronic obstructive pulmonary disease: Implications for pulmonary rehabilitation. <i>Canadian Journal of Respiratory, Critical Care, and Sleep Medicine</i> , 2020, 4, 83-90.	0.5	1
39	Description and Reliability of Internet Resources on Pulmonary Rehabilitation for Individuals with Chronic Lung Disease. , 2022, , .		0