

# Pedro Dal Lago

## List of Publications by Year in descending order

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94  
papers

2,124  
citations

257357

24  
h-index

265120

42  
g-index

97  
all docs

97  
docs citations

97  
times ranked

2699  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inspiratory Muscle Training in Patients With Heart Failure and Inspiratory Muscle Weakness. <i>Journal of the American College of Cardiology</i> , 2006, 47, 757-763.	1.2	343
2	Cardiac rehabilitation programme after transcatheter aortic valve implantation versus surgical aortic valve replacement: Systematic review and meta-analysis. <i>European Journal of Preventive Cardiology</i> , 2017, 24, 688-697.	0.8	94
3	Inspiratory muscle training reduces blood pressure and sympathetic activity in hypertensive patients: A randomized controlled trial. <i>International Journal of Cardiology</i> , 2013, 166, 61-67.	0.8	82
4	Inspiratory Muscle Training Reduces Sympathetic Nervous Activity and Improves Inspiratory Muscle Weakness and Quality of Life in Patients With Chronic Heart Failure. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2012, 32, 255-261.	1.2	68
5	Incentive spirometry with expiratory positive airway pressure reduces pulmonary complications, improves pulmonary function and 6-minute walk distance in patients undergoing coronary artery bypass graft surgery. <i>American Heart Journal</i> , 2008, 156, 900.e1-900.e8.	1.2	63
6	Cardiovascular control in experimental diabetes. <i>Brazilian Journal of Medical and Biological Research</i> , 2002, 35, 1091-1100.	0.7	62
7	Treinamento muscular inspirat�rio em pacientes com insufici�ncia card�aca: metan�lise de estudos randomizados. <i>Arquivos Brasileiros De Cardiologia</i> , 2012, 99, 762-771.	0.3	58
8	Physical exercise improves plasmatic levels of IL-10, left ventricular end-diastolic pressure, and muscle lipid peroxidation in chronic heart failure rats. <i>Journal of Applied Physiology</i> , 2008, 104, 1641-1647.	1.2	53
9	Cardiorespiratory fitness modulates the proportions of monocytes and T helper subsets in lean and obese men. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019, 29, 1755-1765.	1.3	53
10	Aerobic exercise improves the inflammatory profile correlated with cardiac remodeling and function in chronic heart failure rats. <i>Clinics</i> , 2013, 68, 876-882.	0.6	50
11	Inspiratory Muscle Training Improves Oxygen Uptake Efficiency Slope in Patients With Chronic Heart Failure. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2009, 29, 392-395.	1.2	48
12	Respiratory muscle training improves hemodynamics, autonomic function, baroreceptor sensitivity, and respiratory mechanics in rats with heart failure. <i>Journal of Applied Physiology</i> , 2011, 111, 1664-1670.	1.2	45
13	Relationship between cardiovascular dysfunction and hyperglycemia in streptozotocin-induced diabetes in rats. <i>Brazilian Journal of Medical and Biological Research</i> , 2004, 37, 1895-1902.	0.7	43
14	Electrical stimulation and electromagnetic field use in patients with diabetic neuropathy: systematic review and meta-analysis. <i>Brazilian Journal of Physical Therapy</i> , 2013, 17, 93-104.	1.1	42
15	Exercise-induced modulation of histone H4 acetylation status and cytokines levels in patients with schizophrenia. <i>Physiology and Behavior</i> , 2017, 168, 84-90.	1.0	42
16	Parasympathetic dysfunction is associated with baroreflex and chemoreflex impairment in streptozotocin-induced diabetes in rats. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2007, 131, 28-35.	1.4	41
17	Low-level laser therapy improves the inflammatory profile of rats with heart failure. <i>Lasers in Medical Science</i> , 2013, 28, 1007-1016.	1.0	41
18	Resistance Training Improves Hemodynamic Function, Collagen Deposition and Inflammatory Profiles: Experimental Model of Heart Failure. <i>PLoS ONE</i> , 2014, 9, e110317.	1.1	39

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19	Exercise Reverses Peripheral Insulin Resistance in Trained L-NAME <sup>+</sup> Hypertensive Rats. <i>Hypertension</i> , 1999, 34, 768-772.	1.3	38
20	Acute Strenuous Exercise Induces an Imbalance on Histone H4 Acetylation/Histone Deacetylase 2 and Increases the Proinflammatory Profile of PBMC of Obese Individuals. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-12.	1.9	36
21	Transcutaneous electrical nerve stimulation at different frequencies on heart rate variability in healthy subjects. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2011, 165, 205-208.	1.4	31
22	Exercise-modulated epigenetic markers and inflammatory response in COPD individuals: A pilot study. <i>Respiratory Physiology and Neurobiology</i> , 2017, 242, 89-95.	0.7	30
23	Histamine in the posterodorsal medial amygdala modulates cardiovascular reflex responses in awake rats. <i>Neuroscience</i> , 2008, 157, 709-719.	1.1	25
24	Espirometria de incentivo com pressÃ£o positiva expiratÃ³ria Ã© benÃ©fica apÃ³s revascularizaÃ§Ã£o miocárdio. <i>Arquivos Brasileiros De Cardiologia</i> , 2010, 94, 246-251.	0.3	25
25	Reference Equation for Respiratory Pressures in Pediatric Population: A Multicenter Study. <i>PLoS ONE</i> , 2015, 10, e0135662.	1.1	25
26	Effects of crude hydroalcoholic extract of <i>Syzygium cumini</i> (L.) Skeels leaves and continuous aerobic training in rats with diabetes induced by a high-fat diet and low doses of streptozotocin. <i>Journal of Ethnopharmacology</i> , 2016, 194, 1012-1021.	2.0	25
27	Oxidative stress in the latissimus dorsi muscle of diabetic rats. <i>Brazilian Journal of Medical and Biological Research</i> , 2000, 33, 1363-1368.	0.7	24
28	Effects of creatine supplementation associated with resistance training on oxidative stress in different tissues of rats. <i>Journal of the International Society of Sports Nutrition</i> , 2014, 11, 11.	1.7	24
29	The influence of low-level laser therapy on parameters of oxidative stress and DNA damage on muscle and plasma in rats with heart failure. <i>Lasers in Medical Science</i> , 2014, 29, 1895-1906.	1.0	23
30	Moderate-to-high intensity inspiratory muscle training improves the effects of combined training on exercise capacity in patients after coronary artery bypass graft surgery: A randomized clinical trial. <i>International Journal of Cardiology</i> , 2019, 279, 40-46.	0.8	23
31	Inspiratory muscle weakness is associated with autonomic cardiovascular dysfunction in patients with type 2 diabetes mellitus. <i>Clinical Autonomic Research</i> , 2011, 21, 29-35.	1.4	22
32	Glutamate and GABA in the medial amygdala induce selective central sympathetic/parasympathetic cardiovascular responses. <i>Canadian Journal of Physiology and Pharmacology</i> , 2012, 90, 525-536.	0.7	22
33	Early and Late Mortality Following Discharge From the ICU: A Multicenter Prospective Cohort Study*. <i>Critical Care Medicine</i> , 2020, 48, 64-72.	0.4	22
34	Interval and continuous exercise enhances aerobic capacity and hemodynamic function in CHF rats. <i>Brazilian Journal of Physical Therapy</i> , 2015, 19, 257-263.	1.1	20
35	Exercise training improves the IL-10/TNF- $\alpha$ cytokine balance in the gastrocnemius of rats with heart failure. <i>Brazilian Journal of Physical Therapy</i> , 2018, 22, 154-160.	1.1	20
36	O estresse oxidativo e o exercÃcio fÃsico em indivÃduos HIV positivo. <i>Revista Brasileira De Medicina Do Esporte</i> , 2007, 13, 275-279.	0.1	19

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37	Inspiratory muscle training in patients with diabetic autonomic neuropathy: a randomized clinical trial. <i>Clinical Autonomic Research</i> , 2015, 25, 263-266.	1.4	19
38	Regulation of oxidative stress in response to acute aerobic and resistance exercise in HIV-infected subjects: a case-control study. <i>AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV</i> , 2010, 22, 1410-1417.	0.6	17
39	Chronic electroacupuncture of the ST36 point improves baroreflex function and haemodynamic parameters in heart failure rats. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2015, 193, 31-37.	1.4	16
40	Light-emitting diode therapy (LEDT) improves functional capacity in rats with heart failure. <i>Lasers in Medical Science</i> , 2016, 31, 937-944.	1.0	16
41	Can RR intervals editing and selection techniques interfere with the analysis of heart rate variability?. <i>Brazilian Journal of Physical Therapy</i> , 2018, 22, 383-390.	1.1	16
42	The minimal important difference for Glittre-ADL test in patients with chronic obstructive pulmonary disease. <i>Brazilian Journal of Physical Therapy</i> , 2020, 24, 54-60.	1.1	16
43	BDNF levels are increased in peripheral blood of middle-aged amateur runners with no changes on histone H4 acetylation levels. <i>Journal of Physiological Sciences</i> , 2017, 67, 681-687.	0.9	15
44	Inspiratory muscle training and quality of life in patients with heart failure: Systematic review of randomized trials. <i>International Journal of Cardiology</i> , 2012, 156, 120-121.	0.8	14
45	Minimal important difference for London Chest Activity of Daily Living scale in patients with chronic obstructive pulmonary disease. <i>Physiotherapy</i> , 2020, 107, 28-35.	0.2	14
46	Skeletal muscle electrical stimulation improves baroreflex sensitivity and heart rate variability in heart failure rats. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2015, 193, 92-96.	1.4	13
47	Inspiratory Muscle Training After Heart Valve Replacement Surgery Improves Inspiratory Muscle Strength, Lung Function, and Functional Capacity. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2019, 39, E1-E7.	1.2	13
48	Exercise during pregnancy decreases doxorubicin-induced cardiotoxic effects on neonatal hearts. <i>Toxicology</i> , 2016, 368-369, 46-57.	2.0	12
49	Respiratory Muscle Training Improves Chemoreflex Response, Heart Rate Variability, and Respiratory Mechanics in Rats With Heart Failure. <i>Canadian Journal of Cardiology</i> , 2017, 33, 508-514.	0.8	12
50	Neuropeptides in the posterodorsal medial amygdala modulate central cardiovascular reflex responses in awake male rats. <i>Brazilian Journal of Medical and Biological Research</i> , 2015, 48, 128-139.	0.7	11
51	Resistance training and L-arginine supplementation are determinant in genomic stability, cardiac contractility and muscle mass development in rats. <i>PLoS ONE</i> , 2018, 13, e0204858.	1.1	11
52	Experimental lung injury promotes alterations in energy metabolism and respiratory mechanics in the lungs of rats: prevention by exercise. <i>Molecular and Cellular Biochemistry</i> , 2014, 389, 229-238.	1.4	10
53	Ultrasound Modulates Skeletal Muscle Cytokine Levels in Rats with Heart Failure. <i>Ultrasound in Medicine and Biology</i> , 2015, 41, 797-805.	0.7	10
54	Long-term low-level laser therapy promotes an increase in maximal oxygen uptake and exercise performance in a dose-dependent manner in Wistar rats. <i>Lasers in Medical Science</i> , 2016, 31, 241-248.	1.0	9

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55	Functional capacity in a rat model of heart failure: impact of myocardial infarct size. <i>Experimental Physiology</i> , 2017, 102, 1448-1458.	0.9	9
56	The modulation of inflammatory parameters, Brain-derived neurotrophic factor levels and global histone H4 acetylation status in peripheral blood of patients with Gaucher disease type 1. <i>Clinical Biochemistry</i> , 2017, 50, 228-233.	0.8	9
57	Aerobic training reduces oxidative stress in skeletal muscle of rats exposed to air pollution and supplemented with chromium picolinate. <i>Redox Report</i> , 2018, 23, 146-152.	1.4	9
58	Respiratory Muscle Training Improves Diaphragm Citrate Synthase Activity and Hemodynamic Function in Rats with Heart Failure. <i>Brazilian Journal of Cardiovascular Surgery</i> , 2017, 32, 104-110.	0.2	9
59	Neuromuscular electrical stimulation improves GLUT-4 and morphological characteristics of skeletal muscle in rats with heart failure. <i>Acta Physiologica</i> , 2011, 201, 265-273.	1.8	8
60	Effects of l-arginine supplementation associated with continuous or interval aerobic training on chronic heart failure rats. <i>Metabolism: Clinical and Experimental</i> , 2017, 76, 1-10.	1.5	8
61	Maximal oxygen uptake and exercise tolerance are improved in rats with heart failure subjected to low-level laser therapy associated with resistance training. <i>Lasers in Medical Science</i> , 2017, 32, 73-85.	1.0	8
62	Effects of resistance training associated with whey protein supplementation on liver and kidney biomarkers in rats. <i>Applied Physiology, Nutrition and Metabolism</i> , 2013, 38, 1166-1169.	0.9	7
63	The effects of pulmonary rehabilitation on endothelial function and arterial stiffness in patients with chronic obstructive pulmonary disease. <i>Physiotherapy Research International</i> , 2020, 25, e1820.	0.7	7
64	Physiological Responses to the 6-min Step Test in Patients With Chronic Obstructive Pulmonary Disease. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2020, 40, 55-61.	1.2	7
65	Respiratory muscle training decreases diaphragm DNA damage in rats with heart failure. <i>Canadian Journal of Physiology and Pharmacology</i> , 2018, 96, 221-226.	0.7	6
66	Alanine and histidine supplementation associated with combined training increased functional capacity and maximum strength in heart failure rats. <i>Experimental Physiology</i> , 2020, 105, 831-841.	0.9	6
67	Effects of aerobic and resistance exercise training associated with carnosine precursor supplementation on maximal strength and $\dot{V}O_2\max$ in rats with heart failure. <i>Life Sciences</i> , 2021, 282, 118816.	2.0	6
68	Exercise training effects on metabolic and ventilatory changes in heart failure patients with exercise oscillatory ventilation: systematic review and meta-analysis. <i>European Journal of Preventive Cardiology</i> , 2022, 29, e233-e236.	0.8	6
69	Incentive spirometry combined with expiratory positive airway pressure improves asthma control and quality of life in asthma: a randomised controlled trial. <i>Journal of Asthma</i> , 2015, 52, 220-226.	0.9	5
70	Exercise training attenuates the pressor response evoked by peripheral chemoreflex in rats with heart failure. <i>Canadian Journal of Physiology and Pharmacology</i> , 2016, 94, 979-986.	0.7	5
71	Efficacy of inspiratory muscle training in chronic heart failure patients. <i>International Journal of Cardiology</i> , 2012, 161, 119-120.	0.8	4
72	Chronic heart failure modifies respiratory mechanics in rats: a randomized controlled trial. <i>Brazilian Journal of Physical Therapy</i> , 2016, 20, 320-327.	1.1	4

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73	Home-based inspiratory muscle training in pediatric patients after kidney transplantation: a randomized clinical trial. <i>Pediatric Nephrology</i> , 2020, 35, 1507-1516.	0.9	4
74	Quantificação de Dano em DNA em Diferentes Tecidos em Ratos com Insuficiência Cardíaca. <i>Arquivos Brasileiros De Cardiologia</i> , 2019, 114, 234-242.	0.3	4
75	Reliability and Learning Effect of the Glittre ADL-Test in Patients with Chronic Obstructive Pulmonary Disease. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2021, 18, 307-314.	0.7	3
76	Time-dependent effects of inspiratory muscle training and detraining on cardiac autonomic control in older women. <i>Experimental Gerontology</i> , 2021, 150, 111357.	1.2	3
77	Inspiratory muscle training improves breathing pattern and sympatho-vagal balance but not spontaneous baroreflex sensitivity in older women. <i>Respiratory Physiology and Neurobiology</i> , 2021, 290, 103672.	0.7	3
78	High-intensity resistance training alone or combined with aerobic training improves strength, heart function and collagen in rats with heart failure. <i>American Journal of Translational Research (discontinued)</i> , 2017, 9, 5432-5441.	0.0	3
79	Does pulmonary rehabilitation decrease plasma myostatin levels in patients with COPD?. <i>Jornal Brasileiro De Pneumologia</i> , 2020, 46, e20200043-e20200043.	0.4	2
80	Características clínicas e psicológicas de pacientes asmáticos de um Ambulatório de Pneumologia. <i>Psico-USF</i> , 2014, 19, 199-208.	0.1	1
81	Exercise training reduces oxidative stress in people living with HIV/AIDS: a pilot study. <i>HIV Clinical Trials</i> , 2018, 19, 152-157.	2.0	1
82	Pulmonary rehabilitation and BDNF levels in patients with chronic obstructive pulmonary disease: A pilot study. <i>Respiratory Physiology and Neurobiology</i> , 2019, 259, 63-69.	0.7	1
83	Baseline Characteristics of Subjects with Chronic Obstructive Pulmonary Disease Associated to the Improvement in Activities of Daily Living after Exercise Training. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2021, 18, 45-52.	0.7	1
84	Continuous Aerobic Training and High Intensity Interval Training Increase Exercise Tolerance in Heart Failure Patients: A Retrospective Study. <i>International Journal of Cardiovascular Sciences</i> , 2021, , .	0.0	1
85	Functional capacity and ventilatory efficiency are preserved in well-controlled people living with human immunodeficiency virus/acquired immunodeficiency syndrome. <i>Journal of Exercise Rehabilitation</i> , 2018, 14, 680-687.	0.4	1
86	Neuromuscular electrical stimulation but not photobiomodulation therapy improves cardiovascular parameters of rats with heart failure. <i>Canadian Journal of Physiology and Pharmacology</i> , 2021, 99, 1-9.	0.7	1
87	Idade avançada e sexo são fatores de risco para falha na extubação em UTI adulto. <i>ConScientiae Saúde</i> , 2020, 19, e16415.	0.1	1
88	A Novel Approach to the Application of Electroacupuncture in Awake Rats. <i>Acupuncture in Medicine</i> , 2017, 35, 309-311.	0.4	0
89	Surface electromyography after lower level laser therapy application on skeletal muscles in individuals with heart failure. <i>Lasers in Medical Science</i> , 2019, 34, 107-114.	1.0	0
90	Respiratory muscle training improves hemodynamic function, chemoreflex response, heart rate variability and respiratory mechanics in rats with heart failure. , 2016, , .		0

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91	Moderate-to-high intensity inspiratory muscle training improves the effects of combined training on exercise capacity in patients after coronary artery bypass graft surgery: a randomized clinical trial. , 2018, , .		0
92	Reproducibility and learning effect of the Glittre ADL-test. , 2019, , .		0
93	Validity and reliability of the Glittre-ADL test in individuals with idiopathic pulmonary fibrosis. Physiotherapy Theory and Practice, 2022, , 1-9.	0.6	0
94	PÃ³s-graduaÃ§Ã£o stricto sensu em Fisioterapia no Brasil: cenÃ¡rio atual. Fisioterapia E Pesquisa, 2021, 28, 367-368.	0.3	0