

Cristiano Mostarda

List of Publications by Year in descending order

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Version: 2024-02-01

92
papers

1,649
citations

279798

23
h-index

345221

36
g-index

93
all docs

93
docs citations

93
times ranked

2442
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardiovascular effects of partial sleep deprivation in healthy volunteers. <i>Journal of Applied Physiology</i> , 2012, 113, 232-236.	2.5	179
2	Role of Exercise Training in Cardiovascular Autonomic Dysfunction and Mortality in Diabetic Ovariectomized Rats. <i>Hypertension</i> , 2007, 50, 786-791.	2.7	74
3	Exercise Training Reduces Sympathetic Modulation on Cardiovascular System and Cardiac Oxidative Stress in Spontaneously Hypertensive Rats. <i>American Journal of Hypertension</i> , 2008, 21, 1188-1193.	2.0	72
4	Noninvasive and invasive evaluation of cardiac dysfunction in experimental diabetes in rodents. <i>Cardiovascular Diabetology</i> , 2007, 6, 14.	6.8	68
5	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.	2.1	68
6	Sympathetic overactivity precedes metabolic dysfunction in a fructose model of glucose intolerance in mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012, 302, R950-R957.	1.8	64
7	Autonomic impairment after myocardial infarction: Role in cardiac remodelling and mortality. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2010, 37, 447-452.	1.9	48
8	Preventive role of exercise training in autonomic, hemodynamic, and metabolic parameters in rats under high risk of metabolic syndrome development. <i>Journal of Applied Physiology</i> , 2013, 114, 786-791.	2.5	46
9	Baroreflex deficit blunts exercise training-induced cardiovascular and autonomic adaptations in hypertensive rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2010, 37, e114-20.	1.9	41
10	Cholinergic stimulation with pyridostigmine improves autonomic function in infarcted rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2013, 40, 610-616.	1.9	41
11	Benefits of exercise training in diabetic rats persist after three weeks of detraining. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2009, 145, 11-16.	2.8	40
12	Impact of aging on cardiac function in a female rat model of menopause: role of autonomic control, inflammation, and oxidative stress. <i>Clinical Interventions in Aging</i> , 2016, 11, 341.	2.9	32
13	Hypertension and Exercise Training: Evidence from Clinical Studies. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1000, 65-84.	1.6	31
14	Aerobic Exercise Training Delays Cardiac Dysfunction and Improves Autonomic Control of Circulation in Diabetic Rats Undergoing Myocardial Infarction. <i>Journal of Cardiac Failure</i> , 2012, 18, 734-744.	1.7	28
15	Effects of a contraceptive containing drospirenone and ethinyl estradiol on blood pressure and autonomic tone: a prospective controlled clinical trial. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2014, 175, 62-66.	1.1	27
16	Exercise training prevents diastolic dysfunction induced by metabolic syndrome in rats. <i>Clinics</i> , 2012, 67, 815-820.	1.5	26
17	Histamine in the posterodorsal medial amygdala modulates cardiovascular reflex responses in awake rats. <i>Neuroscience</i> , 2008, 157, 709-719.	2.3	25
18	Previous Exercise Training Has a Beneficial Effect on Renal and Cardiovascular Function in a Model of Diabetes. <i>PLoS ONE</i> , 2012, 7, e48826.	2.5	25

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19	Inspiratory muscle training improves autonomic modulation and exercise tolerance in chronic obstructive pulmonary disease subjects: A randomized-controlled trial. <i>Respiratory Physiology and Neurobiology</i> , 2019, 263, 31-37.	1.6	25
20	Hemodynamic, Morphometric and Autonomic Patterns in Hypertensive Rats - Renin-Angiotensin System Modulation. <i>Clinics</i> , 2010, 65, 85-92.	1.5	24
21	Baroreflex Sensitivity Impairment Is Associated With Cardiac Diastolic Dysfunction in Rats. <i>Journal of Cardiac Failure</i> , 2011, 17, 519-525.	1.7	24
22	Ventricular and autonomic benefits of exercise training persist after detraining in infarcted rats. <i>European Journal of Applied Physiology</i> , 2013, 113, 1137-1146.	2.5	24
23	Impact of exercise training associated to pyridostigmine treatment on autonomic function and inflammatory profile after myocardial infarction in rats. <i>International Journal of Cardiology</i> , 2017, 227, 757-765.	1.7	24
24	Dynamic Resistance Training Improves Cardiac Autonomic Modulation and Oxidative Stress Parameters in Chronic Stroke Survivors: A Randomized Controlled Trial. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-12.	4.0	24
25	Resistance Training After Myocardial Infarction in Rats: Its Role on Cardiac and Autonomic Function. <i>Arquivos Brasileiros De Cardiologia</i> , 2014, 103, 60-8.	0.8	23
26	Moderate hyperhomocysteinemia provokes dysfunction of cardiovascular autonomic system and liver oxidative stress in rats. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2014, 180, 43-47.	2.8	23
27	Cardiac and pulmonary arterial remodeling after sinoaortic denervation in normotensive rats. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2012, 166, 47-53.	2.8	20
28	Role of Training and Detraining on Inflammatory and Metabolic Profile in Infarcted Rats: Influences of Cardiovascular Autonomic Nervous System. <i>Mediators of Inflammation</i> , 2014, 2014, 1-13.	3.0	20
29	Diabetic hyperglycemia attenuates sympathetic dysfunction and oxidative stress after myocardial infarction in rats. <i>Cardiovascular Diabetology</i> , 2014, 13, 131.	6.8	20
30	Resveratrol and grape juice differentially ameliorate cardiovascular autonomic modulation in L-NAME-treated rats. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2013, 179, 9-13.	2.8	19
31	Effects of inspiratory muscle exercise in the pulmonary function, autonomic modulation, and hemodynamic variables in older women with metabolic syndrome. <i>Journal of Exercise Rehabilitation</i> , 2017, 13, 218-226.	1.0	19
32	Metabolic, hemodynamic and structural adjustments to low intensity exercise training in a metabolic syndrome model. <i>Cardiovascular Diabetology</i> , 2013, 12, 89.	6.8	17
33	Walking promotes metabolic and baroreflex sensitivity improvement in fructose-fed male rats. <i>European Journal of Applied Physiology</i> , 2013, 113, 41-49.	2.5	17
34	Low intensity resistance training improves systolic function and cardiovascular autonomic control in diabetic rats. <i>Journal of Diabetes and Its Complications</i> , 2014, 28, 273-278.	2.3	17
35	Pyridostigmine Improves the Effects of Resistance Exercise Training after Myocardial Infarction in Rats. <i>Frontiers in Physiology</i> , 2018, 9, 53.	2.8	17
36	Cardiac Autonomic Control in High Level Brazilian Power and Endurance Track-and-Field Athletes. <i>International Journal of Sports Medicine</i> , 2014, 35, 772-778.	1.7	16

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37	Cardioprotection afforded by exercise training prior to myocardial infarction is associated with autonomic function improvement. <i>BMC Cardiovascular Disorders</i> , 2014, 14, 84.	1.7	16
38	Sevoflurane preconditioning during myocardial ischemia-reperfusion reduces infarct size and preserves autonomic control of circulation in rats. <i>Acta Cirurgica Brasileira</i> , 2016, 31, 338-345.	0.7	16
39	Exercise improves cardiovascular control in a model of dislipidemia and menopause. <i>Maturitas</i> , 2009, 62, 200-204.	2.4	15
40	Homocysteine Thiolactone Induces Cardiac Dysfunction: Role of Oxidative Stress. <i>Journal of Cardiovascular Pharmacology</i> , 2010, 55, 198-202.	1.9	15
41	Renin angiotensin system and cardiac hypertrophy after sinoaortic denervation in rats. <i>Clinics</i> , 2010, 65, 1345-1350.	1.5	15
42	Cardiac autonomic dysfunction in chronic stroke women is attenuated after submaximal exercise test, as evaluated by linear and nonlinear analysis. <i>BMC Cardiovascular Disorders</i> , 2015, 15, 105.	1.7	15
43	Impact of myocardial infarction on cardiac autonomic function in diabetic rats. <i>Journal of Diabetes and Its Complications</i> , 2013, 27, 16-22.	2.3	13
44	Impairment on cardiovascular and autonomic adjustments to maximal isometric exercise tests in offspring of hypertensive parents. <i>European Journal of Preventive Cardiology</i> , 2013, 20, 480-485.	1.8	13
45	Early developmental exposure to high fructose intake in rats with NaCl stimulation causes cardiac damage. <i>European Journal of Nutrition</i> , 2016, 55, 83-91.	3.9	12
46	Short-term combined exercise training improves cardiorespiratory fitness and autonomic modulation in cancer patients receiving adjuvant therapy. <i>Journal of Exercise Rehabilitation</i> , 2017, 13, 599-607.	1.0	12
47	Cardiac Impairment Evaluated by Transesophageal Echocardiography and Invasive Measurements in Rats Undergoing Sinoaortic Denervation. <i>PLoS ONE</i> , 2014, 9, e87935.	2.5	12
48	Effect of exercise training and detraining in autonomic modulation and cardiorespiratory fitness in breast cancer survivors. <i>Journal of Sports Medicine and Physical Fitness</i> , 2017, 57, 1062-1068.	0.7	11
49	The impact of metabolic syndrome on metabolic, pro-inflammatory and prothrombotic markers according to the presence of high blood pressure criterion. <i>Clinics</i> , 2013, 68, 1495-1501.	1.5	11
50	Low-dose Enalapril Reduces Angiotensin II and Attenuates Diabetic-induced Cardiac and Autonomic Dysfunctions. <i>Journal of Cardiovascular Pharmacology</i> , 2012, 59, 58-65.	1.9	10
51	Autonomic modulation analysis in active and sedentary kidney transplanted recipients. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2015, 42, 1239-1244.	1.9	10
52	Effects of resistance training of moderate intensity on heart rate variability, body composition, and muscle strength in healthy elderly women. <i>Sport Sciences for Health</i> , 2016, 12, 389-395.	1.3	10
53	A single dose of dark chocolate increases parasympathetic modulation and heart rate variability in healthy subjects. <i>Revista De Nutricao</i> , 2016, 29, 765-773.	0.4	10
54	Autonomic changes in young smokers: acute effects of inspiratory exercise. <i>Clinical Autonomic Research</i> , 2013, 23, 201-207.	2.5	9

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55	Effect of treatment with carvedilol and aerobic training on cardiovascular function in spontaneously hypertensive rats. <i>Experimental Physiology</i> , 2021, 106, 891-901.	2.0	9
56	Arg16Gly and Gln27Glu β 2 adrenergic polymorphisms influence cardiac autonomic modulation and baroreflex sensitivity in healthy young Brazilians. <i>American Journal of Translational Research</i> (discontinued), 2015, 7, 153-61.	0.0	8
57	ACE gene dosage influences the development of renovascular hypertension. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2010, 37, 490-495.	1.9	7
58	Efeito do exercício aeróbico e resistido no controle autonômico e nas variáveis hemodinâmicas de jovens saudáveis. <i>Revista Brasileira De Educação Física E Esporte: RBEFE</i> , 2010, 24, 535-544.	0.1	7
59	Cardiovascular autonomic dysfunction in non-obese diabetic mice. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2013, 177, 143-147.	2.8	7
60	Acute effect of resistance training without recovery intervals on the blood pressure of comorbidity-free elderly women: a pilot study. <i>Sport Sciences for Health</i> , 2016, 12, 315-320.	1.3	7
61	Interval and continuous aerobic exercise training similarly increase cardiac function and autonomic modulation in infarcted mice. <i>Journal of Exercise Rehabilitation</i> , 2017, 13, 257-265.	1.0	7
62	The Role of Acute Intermittent Hypoxia in Neutrophil-Generated Superoxide, Sympathovagal Balance, and Vascular Function in Healthy Subjects. <i>Frontiers in Physiology</i> , 2017, 8, 4.	2.8	6
63	Baroreflex deficiency induces additional impairment of vagal tone, diastolic function and calcium handling proteins after myocardial infarction. <i>American Journal of Translational Research</i> (discontinued), 2014, 6, 320-8.	0.0	6
64	Efeito do treinamento de força nas variáveis cardiovasculares em adolescentes com sobrepeso. <i>Revista Brasileira De Medicina Do Esporte</i> , 2014, 20, 125-130.	0.2	5
65	Acute Effects of Resistance Exercise With Blood Flow Restriction in Elderly Women: A Pilot Study. <i>Journal of Aging and Physical Activity</i> , 2021, 29, 361-371.	1.0	5
66	Inspiratory Muscle Training Reduces Sympathetic Modulation in Elderly Patients with Insulin Resistance. <i>Journal of Diabetes Science and Technology</i> , 2013, 7, 1654-1656.	2.2	4
67	Influence of the mid-follicular and late luteal phases on anaerobic power in university students. <i>Sport Sciences for Health</i> , 2017, 13, 281-286.	1.3	4
68	The effect of family history of hypertension and polymorphism of the ACE gene (rs1799752) on cardiac autonomic modulation in adolescents. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2021, 48, 177-185.	1.9	4
69	Cardiac autonomic modulation in judo athletes: evaluation by linear and non-linear method. <i>Sport Sciences for Health</i> , 2016, 12, 125-130.	1.3	3
70	Cardiovascular Response of an Acute Exergame Session in Prepubertal Obese Children. <i>Games for Health Journal</i> , 2017, 6, 159-164.	2.0	3
71	Impacts of low or vigorous levels of physical activity on body composition, hemodynamics and autonomic modulation in Down syndrome subjects. <i>Motriz Revista De Educacao Fisica</i> , 2018, 24, .	0.2	3
72	Acute and Short-Term Autonomic and Hemodynamic Responses to Transcranial Direct Current Stimulation in Patients With Resistant Hypertension. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 853427.	2.4	3

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73	Pressão arterial, respostas metabólicas e autonômicas à insulina e infusão de intralipid® em pacientes chagásicos. Arquivos Brasileiros De Cardiologia, 2012, 98, 225-233.	0.8	2
74	Effects of catecholamines on volemic replacement with saline solution and the impact on heart rate variability in rabbits subjected to hemorrhage. A study by spectral analysis. Acta Cirurgica Brasileira, 2014, 29, 703-710.	0.7	2
75	ACE gene dosage determines additional autonomic dysfunction and increases renal angiotensin II levels in diabetic mice. Clinics, 2018, 73, e246.	1.5	2
76	Aerobic training prevents cardiometabolic changes triggered by myocardial infarction in ovariectomized rats. Journal of Cellular Physiology, 2021, 236, 1105-1115.	4.1	2
77	CARDIAC AUTONOMIC MODULATION RESPONSE AND FUNCTIONAL CAPACITY IN OLDER WOMEN. Revista Brasileira De Medicina Do Esporte, 2021, 27, 129-133.	0.2	2
78	Modulação Autonômica Cardíaca - Fator Chave para Pressão Alta em Adolescentes. Arquivos Brasileiros De Cardiologia, 2021, 117, 648-654.	0.8	2
79	Correlation of sleep quality and cardiac autonomic modulation in hemodialysis patients. Sleep Science, 2022, 15, 59-64.	1.0	2
80	Possible influences of vitamin D levels on sleep quality, depression, anxiety and physiological stress in patients with chronic obstructive pulmonary disease: a case control study. Sleep Science, 2022, 15, 369-374.	1.0	2
81	INFLUENCE OF CREATINE KINASE ON C-REACTIVE PROTEIN IN MUSCLE ADAPTATION. Revista Brasileira De Medicina Do Esporte, 2019, 25, 413-417.	0.2	1
82	Phenotypes of mutations related to voltage-dependent sodium channels on children and adolescents. Journal of Biochemical and Molecular Toxicology, 2022, , e22993.	3.0	1
83	Corrida em ambiente quente altera o perfil leucocitário de sujeitos treinados saudáveis. Scientia Medica, 2016, 26, 22380.	0.3	0
84	Effect of exercise in air-conditioned and non-air-conditioned environment in cardiac autonomic control. Journal of Sports Medicine and Physical Fitness, 2017, 57, 1080-1081.	0.7	0
85	Exercise Training Plus Sildenafil Treatment: Role on Autonomic and Inflammatory Markers. International Journal of Sports Medicine, 2018, 39, 749-756.	1.7	0
86	Obesity as an additional factor for autonomic imbalance and poor sleep behavior in chronic obstructive pulmonary disease: a case-control study. Clinics, 2021, 76, e1826.	1.5	0
87	Estimated intensity and acute cardiovascular response to a single exercise session guided by the fitness app SworKit® Personal Trainer. Motriz Revista De Educacao Fisica, 2019, 25, .	0.2	0
88	Influence of Family History of Diabetes on Cardiac Autonomic Dysfunction of Adolescents. International Journal of Cardiovascular Sciences, 2020, , .	0.1	0
89	Effect of obesity on sleep quality, anthropometric and autonomic parameters in adolescent. Sleep Science, 2020, 13, 298-303.	1.0	0
90	Sleep Quality and Metabolic Disturbance in Public School Teachers of a Brazilian Capital. International Journal for Innovation Education and Research, 2020, 8, 504-517.	0.1	0

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91	Effects of resistance training in elderly women with cognitive decline. Fisioterapia Em Movimento, 0, 35, .	0.1	0
92	Efeitos do treinamento resistido em idosas com declínio cognitivo. Fisioterapia Em Movimento, 0, 35, .	0.1	0