Antonio C L Nóbrega

List of Publications by Year in descending order

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126 papers 2,019 citations

257450 24 h-index 330143 37 g-index

128 all docs

128 docs citations

times ranked

128

2605 citing authors

#	Article	IF	CITATIONS
1	Impact of Brazil Nut (<i>Bertholletia excelsa</i> , H.B.K.) Supplementation on Body Composition, Blood Pressure, and the Vascular Reactivity of Wistar Rats When Submitted to a Hypersodium Diet. Journal of the American College of Nutrition, 2022, 41, 559-568.	1.8	4
2	Renin-angiotensin system modulation through enalapril and/or exercise training improves visceral adiposity in obese mice. Life Sciences, 2022, 291, 120269.	4.3	6
3	Enalapril and treadmill running reduce adiposity, but only the latter causes adipose tissue browning in mice. Journal of Cellular Physiology, 2021, 236, 900-910.	4.1	7
4	Cardiovascular and Autonomic Responses after a Single Bout of Resistance Exercise in Men with Untreated Stage 2 Hypertension. International Journal of Hypertension, 2021, 2021, 1-10.	1.3	3
5	Benefits of pharmacological and electrical cholinergic stimulation in hypertension and heart failure. Acta Physiologica, 2021, 232, e13663.	3.8	8
6	Reactive oxygen species play a modulatory role in the hyperventilatory response to poikilocapnic hyperoxia in humans. Journal of Physiology, 2021, 599, 3993-4007.	2.9	4
7	Sympathetic regulation of coronary circulation during handgrip exercise and isolated muscle metaboreflex activation in men. Experimental Physiology, 2021, 106, 2400-2411.	2.0	5
8	Differential vasomotor responses to isocapnic hyperoxia: cerebral versus peripheral circulation. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2020, 318, R182-R187.	1.8	5
9	Aerobic exercise modulates cardiac NAD(P)H oxidase and the NRF2/KEAP1 pathway in a mouse model of chronic fructose consumption. Journal of Applied Physiology, 2020, 128, 59-69.	2.5	7
10	K ATP channels modulate cerebral blood flow and oxygen delivery during isocapnic hypoxia in humans. Journal of Physiology, 2020, 598, 3343-3356.	2.9	13
11	Hypertension impairs hypoxia-induced angiogenesis in men. Journal of Hypertension, 2020, 38, 1131-1139.	0.5	4
12	Lifestyle interventions reduce exercise ventilatory variability in healthy individuals: a randomized intervention study. Future Cardiology, 2020, 16, 439-446.	1.2	1
13	Inflammatory and oxidative responses to disturbed blood flow in hypertensive men. Hypertension Research, 2019, 42, 1832-1835.	2.7	O
14	Acid-sensing ion channels blockade attenuates pressor and sympathetic responses to skeletal muscle metaboreflex activation in humans. Journal of Applied Physiology, 2019, 127, 1491-1501.	2.5	16
15	Transcutaneous electrical nerve stimulation attenuates cardiac sympathetic drive in heart failure: a 123MIBG myocardial scintigraphy randomized controlled trial. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 317, H226-H233.	3.2	4
16	Exercise-induced cardiac opioid system activation attenuates apoptosis pathway in obese rats. Life Sciences, 2019, 231, 116542.	4.3	8
17	Interpreting the impact of water drinking on arterial baroreflex function: When physiology speaks for itself. Experimental Physiology, 2019, 104, 781-782.	2.0	0
18	Aerobic Training Associated with Arginine Supplementation Reduces Collagen-Induced Platelet Hyperaggregability in Rats under High Risk to Develop Metabolic Syndrome. International Journal of Endocrinology, 2019, 2019, 1-8.	1.5	2

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19	Effects of Heart Rate Reduction With Either Pyridostigmine or Ivabradine in Patients With Heart Failure: A Randomized, Double-Blind Study. Journal of Cardiovascular Pharmacology and Therapeutics, 2019, 24, 139-145.	2.0	12
20	Muscle sympathetic nerve activity and hemodynamic responses to venous distension: does sex play a role?. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 316, H734-H742.	3.2	10
21	Human brain blood flow and metabolism during isocapnic hyperoxia: the role of reactive oxygen species. Journal of Physiology, 2019, 597, 741-755.	2.9	26
22	Reduced arterial vasodilatation in response to hypoxia impairs cerebral and peripheral oxygen delivery in hypertensive men. Journal of Physiology, 2018, 596, 1167-1179.	2.9	24
23	Disturbed blood flow induces endothelial apoptosis without mobilizing repair mechanisms in hypertension. Life Sciences, 2018, 209, 103-110.	4.3	16
24	Capsaicin-based analgesic balm attenuates the skeletal muscle metaboreflex in healthy humans. Journal of Applied Physiology, 2018, 125, 362-368.	2.5	29
25	Water drinking enhances the gain of arterial baroreflex control of muscle sympathetic nerve activity in healthy young humans. Experimental Physiology, 2018, 103, 1318-1325.	2.0	15
26	Fulminant liver failure in a street runner: Effects of heat stroke. Revista Da Associação Médica Brasileira, 2018, 64, 208-211.	0.7	6
27	Oscillatory shear stress induces hemostatic imbalance in healthy men. Thrombosis Research, 2018, 170, 119-125.	1.7	16
28	Absent increase in vertebral artery blood flow during <scp> </scp> -arginine infusion in hypertensive men. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2018, 315, R820-R824.	1.8	7
29	Proposal of a New Specific Cardiopulmonary Exercise Test for Taekwondo Athletes. Journal of Strength and Conditioning Research, 2017, 31, 1525-1535.	2.1	21
30	Adults with initial metabolic syndrome have altered muscle deoxygenation during incremental exercise. Obesity, 2017, 25, 424-431.	3.0	4
31	Inspiratory Muscle Training Improves Intercostal and Forearm Muscle Oxygenation in Patients With Chronic Heart Failure: Evidence of the Origin of the Respiratory Metaboreflex. Journal of Cardiac Failure, 2017, 23, 672-679.	1.7	31
32	Effects of face cooling on pulse waveform and sympathetic activity in hypertensive subjects. Clinical Autonomic Research, 2017, 27, 45-49.	2.5	9
33	Exercise training dose differentially alters muscle and heart capillary density and metabolic functions in an obese rat with metabolic syndrome. Experimental Physiology, 2017, 102, 1716-1728.	2.0	44
34	Arginine and aerobic training prevent endothelial and metabolic alterations in rats at high risk for the development of the metabolic syndrome. British Journal of Nutrition, 2017, 118, 1-10.	2.3	13
35	Parasympathetic Stimulation in Acute Myocardial Infarction. JACC: Cardiovascular Interventions, 2017, 10, 2466.	2.9	0
36	Effect of tamoxifen on fibrosis, collagen content and transforming growth factor $\hat{\mathbf{e}}^2$ 1, $\hat{\mathbf{e}}^2$ 2 and $\hat{\mathbf{e}}^2$ 3 expression in common bile duct anastomosis of pigs. International Journal of Experimental Pathology, 2017, 98, 269-277.	1.3	7

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37	Minute-Ventilation Variability during Cardiopulmonary Exercise Test is Higher in Sedentary Men Than in Athletes. Arquivos Brasileiros De Cardiologia, 2017, 109, 185-190.	0.8	7
38	Intrathecal fentanyl abolishes the exaggerated blood pressure response to cycling in hypertensive men. Journal of Physiology, 2016, 594, 715-725.	2.9	44
39	Muscle metaboreflex and cerebral blood flow regulation in humans: implications for exercise with blood flow restriction. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 310, H1201-H1209.	3.2	21
40	Carotid baroreflex function at the onset of cycling in men. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 311, R870-R878.	1.8	15
41	Aerobic training prevents oxidative profile and improves nitric oxide and vascular reactivity in rats with cardiometabolic alteration. Journal of Applied Physiology, 2016, 121, 289-298.	2.5	11
42	Selective α ₁ -adrenergic blockade disturbs the regional distribution of cerebral blood flow during static handgrip exercise. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 310, H1541-H1548.	3.2	24
43	Exogenous l-arginine reduces matrix metalloproteinase-2 and -9 activities and oxidative stress in patients with hypertension. Life Sciences, 2016, 157, 125-130.	4.3	16
44	Effect of continuous and interval aerobic exercise training on baroreflex sensitivity in heart failure. Autonomic Neuroscience: Basic and Clinical, 2016, 197, 9-13.	2.8	12
45	Sex Differences in High Sensitivity C-Reactive Protein in Subjects with Risk Factors of Metabolic Syndrome. Arquivos Brasileiros De Cardiologia, 2016, 106, 182-7.	0.8	10
46	Elevated Heart Rate is Associated with Cardiac Denervation in Patients with Heart Failure: A 123-lodine-MIBG Myocardial Scintigraphy Study. Arquivos Brasileiros De Cardiologia, 2016, 107, 455-459.	0.8	1
47	Impaired Circulating Angiogenic Cells Mobilization and Metalloproteinase-9 Activity after Dynamic Exercise in Early Metabolic Syndrome. BioMed Research International, 2015, 2015, 1-9.	1.9	7
48	Oscillatory blood pressure response to the onset of cycling exercise in men: role of group III/IV muscle afferents. Experimental Physiology, 2015, 100, 302-311.	2.0	13
49	Diving and exercise: The interaction of trigeminal receptors and muscle metaboreceptors on muscle sympathetic nerve activity in humans. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 308, H367-H375.	3.2	34
50	Aerobic exercise modulation of mental stress-induced responses in cultured endothelial progenitor cells from healthy and metabolic syndrome subjects. Life Sciences, 2015, 123, 93-99.	4.3	9
51	Neural control of circulation and exercise: a translational approach disclosing interactions between central command, arterial baroreflex, and muscle metaboreflex. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 309, H381-H392.	3.2	90
52	Effects of resistance exercise training on acyl-ghrelin and obestatin levels in hemodialysis patients. Renal Failure, 2015, 37, 851-857.	2.1	15
53	In vivo blood velocity measurements with particle image velocimetry in echocardiography using spontaneous contrast. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2015, 37, 559-569.	1.6	3
54	Intrathecal Fentanyl Abolishes the Exaggerated Pressor Response to Cycling Exercise in Neverâ€Treated Hypertensive Men. FASEB Journal, 2015, 29, 827.5.	0.5	0

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55	Lâ€arginine Reduces Matrix Metalloproteinases Activity and Normalizes Oxidative Stress in Hypertensive Patients. FASEB Journal, 2015, 29, 1048.2.	0.5	1
56	Exogenous Lâ€Arginine Restores Spontaneous Cardiac Baroreflex Sensitivity in Neverâ€Treated Hypertensive Men. FASEB Journal, 2015, 29, 652.6.	0.5	0
57	Acute Effects of Continuous Positive Airway Pressure on Pulse Pressure in Chronic Heart Failure. Arquivos Brasileiros De Cardiologia, 2014, 102, 181-6.	0.8	4
58	Heart Rate Recovery in the First Minute at the Six-Minute Walk Test in Patients with Heart Failure. Arquivos Brasileiros De Cardiologia, 2014, 102, 279-87.	0.8	6
59	Neural Regulation of Cardiovascular Response to Exercise: Role of Central Command and Peripheral Afferents. BioMed Research International, 2014, 2014, 1-20.	1.9	144
60	Sex differences in blood pressure responses to mental stress are abolished after a single bout of exercise: underlying hemodynamic mechanisms. Journal of Physiological Sciences, 2014, 64, 213-219.	2.1	5
61	eNOS gene haplotype is indirectly associated with the recovery of cardiovascular autonomic modulation from exercise. Autonomic Neuroscience: Basic and Clinical, 2014, 186, 77-84.	2.8	1
62	Statin therapy and cardiac sympathetic activity in patients with heart failure: A 123Iodine-metaiodobenzylguanidine myocardial scintigraphy study. International Journal of Cardiology, 2014, 176, 1181-1183.	1.7	1
63	Aerobic exercise acutely prevents the endothelial dysfunction induced by mental stress among subjects with metabolic syndrome: the role of shear rate. American Journal of Physiology - Heart and Circulatory Physiology, 2014, 306, H963-H971.	3.2	26
64	Alterations of the Kidney Cortex Proteome in Response to Exercise Training in Normoglycemic and Hyperglycemic Conditions. Current Topics in Medicinal Chemistry, 2014, 14, 450-461.	2.1	3
65	Teste de esforco cardiopulmonar na insuficiencia cardiaca de fracao de ejecao normal. Revista Brasileira De Medicina Do Esporte, 2014, 20, 41-46.	0.2	1
66	Study Of The VO2 And Heart Rate Kinetics During Different Protocol To Accesses Cardiorespiratory Fitness In Taekwondo Athletes. Medicine and Science in Sports and Exercise, 2014, 46, 83.	0.4	O
67	Endothelial nitric oxide gene haplotype reduces the effect of a single bout of exercise on the vascular reactivity in healthy subjects. Translational Research, 2013, 161, 15-25.	5.0	6
68	Interval and Continuous Exercise Training Produce Similar Increases in Skeletal Muscle and Left Ventricle Microvascular Density in Rats. BioMed Research International, 2013, 2013, 1-7.	1.9	17
69	Is There Association between Uric Acid and Inflammation in Hemodialysis Patients?. Renal Failure, 2013, 35, 361-366.	2.1	16
70	\hat{l}^2 -adrenergic receptor polymorphisms in susceptibility, response to treatment and prognosis in heart failure: Implication of ethnicity. Molecular Medicine Reports, 2013, 7, 259-265.	2.4	20
71	Tamoxifen decreases the myofibroblast count in the healing bile duct tissue of pigs. Clinics, 2013, 68, 101-106.	1.5	4
72	The risks of information in health care: do we need a new decision aid?. Clinics, 2013, 68, 1177-1179.	1.5	3

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73	Cardiac I123-MIBG Correlates Better than Ejection Fraction with Symptoms Severity in Systolic Heart Failure. Arquivos Brasileiros De Cardiologia, 2013, 101, 4-8.	0.8	9
74	Marcos Brazão: um Ãcone da medicina do exercÃcio e do esporte no Brasil. Revista Brasileira De Medicina Do Esporte, 2013, 19, 385-385.	0.2	0
75	Diet and exercise training reduce blood pressure and improve autonomic modulation in women with prehypertension. European Journal of Applied Physiology, 2012, 112, 3369-3378.	2.5	25
76	Exercise-induced hypotension in autonomic disorders. Autonomic Neuroscience: Basic and Clinical, 2012, 171, 66-78.	2.8	26
77	Microalbuminúria é um marcador prognóstico independente em pacientes com insuficiência cardÃaca crônica. Arquivos Brasileiros De Cardiologia, 2012, 98, 62-69.	0.8	6
78	Cerebrovascular responses to cold pressor test during static exercise in humans. Clinical Physiology and Functional Imaging, 2012, 32, 59-64.	1.2	13
79	Abnormal conduit artery shear rate patterns during mental stress in patients with cardiometabolic risk. FASEB Journal, 2012, 26, 876.4.	0.5	O
80	Effects of acute exercise on circulating endothelial progenitor cells and endothelial function in patients with increased cardiometabolic risk. FASEB Journal, 2012, 26, 1138.15.	0.5	0
81	Beta-Adrenergic Receptor Polymorphisms in Susceptibility, Response to Treatment and Prognosis in Heart Failure. Journal of Cardiac Failure, 2011, 17, S32-S33.	1.7	O
82	Relação entre imagem adrenérgica cardÃaca e teste ergométrico na insuficiência cardÃaca. Arquivos Brasileiros De Cardiologia, 2011, 96, 370-376.	0.8	8
83	Different ventilatory responses to progressive maximal exercise test performed with either the arms or legs. Clinics, 2011, 66, 1137-1142.	1.5	8
84	Blood pressure and forearm blood flow after multiple sets of a resistive exercise for the lower limbs. Blood Pressure Monitoring, 2011, 16, 180-185.	0.8	13
85	Longitudinal evaluation the pulmonary function of the pre and postoperative periods in the coronary artery bypass graft surgery of patients treated with a physiotherapy protocol. Journal of Cardiothoracic Surgery, 2011, 6, 62.	1.1	24
86	Endothelial Nitric Oxide Synthase Polymorphisms and Adaptation of Parasympathetic Modulation to Exercise Training. Medicine and Science in Sports and Exercise, 2011, 43, 1611-1618.	0.4	12
87	The influence of a fast ramp rate on peak cardiopulmonary parameters during arm crank ergometry. Clinical Physiology and Functional Imaging, 2010, 30, 420-425.	1.2	9
88	Efeito do carvedilol a curto prazo na atividade simpática cardÃaca pela cintilografia com 123I-MIBG. Arquivos Brasileiros De Cardiologia, 2010, 94, 328-332.	0.8	3
89	Avaliação descritiva sobre o uso de esteroides anabolizantes e seu efeito sobre as variáveis bioquÃmicas e neuroendócrinas em indivÃduos que praticam exercÃcio resistido. Revista Brasileira De Medicina Do Esporte, 2010, 16, 191-195.	0.2	11
90	Cintilografia miocárdica com estresse mental na investigação de dor torácica. Arquivos Brasileiros De Cardiologia, 2009, 93, e63-e66.	0.8	2

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91	Risk of Hypothermia in a New Olympic Event: the 10-km Marathon Swim. Clinics, 2009, 64, 351-356.	1.5	24
92	Estudo da reatividade vascular em portadores de HIV com e sem uso de inibidor de protease. Arquivos Brasileiros De Cardiologia, 2009, 93, 367-373.	0.8	12
93	Intra- and inter-tester reproducibility of venous occlusion plethysmography: comparison between a manual and a semi-automatic method of blood flow analysis. Physiological Measurement, 2009, 30, 1267-1279.	2.1	14
94	Cholinergic Stimulation Improves Autonomic and Hemodynamic Profile During Dynamic Exercise in Patients With Heart Failure. Journal of Cardiac Failure, 2009, 15, 124-129.	1.7	43
95	Noninvasive Ventilation With Continuous Positive Airway Pressure Acutely Improves 6-Minute Walk Distance in Chronic Heart Failure. Journal of Cardiopulmonary Rehabilitation and Prevention, 2009, 29, 44-48.	2.1	23
96	Análise estrutural e funcional carotÃdea em familiares de pacientes com diabete melito tipo 2. Arquivos Brasileiros De Cardiologia, 2009, 92, 186-192, 190-6.	0.8	4
97	Effects of anabolic androgenic steroids on sleep patterns of individuals practicing resistance exercise. European Journal of Applied Physiology, 2008, 102, 555-560.	2.5	18
98	Cholinergic stimulation with pyridostigmine prevents the impairment in ventricular function during mental stress in coronary artery disease patients. International Journal of Cardiology, 2008, 125, 418-421.	1.7	10
99	Overweight Latino Children and Adolescents Have Marked Endothelial Dysfunction and Subclinical Vascular Inflammation in Association With Excess Body Fat and Insulin Resistance. Diabetes Care, 2008, 31, 576-582.	8.6	112
100	Assessment of characteristic of the vasomotor control dynamics based on plethysmographic blood flow measurement. Physiological Measurement, 2008, 29, 205-215.	2.1	4
101	Série fracionada da extensão de joelho proporciona maiores respostas cardiovasculares que séries contÃnuas. Arquivos Brasileiros De Cardiologia, 2008, 90, 382-387.	0.8	6
102	Editorial: missão cumprida!. Revista Brasileira De Medicina Do Esporte, 2008, 14, 488-488.	0.2	0
103	Blood pressure assessment during resistance exercise: comparison between auscultation and Finapres. Blood Pressure Monitoring, 2007, 12, 81-86.	0.8	28
104	Monitorização ambulatorial da pressão arterial e pressão casual em hiper-reatores ao esforço. Arquivos Brasileiros De Cardiologia, 2007, 88, 565-572.	0.8	3
105	Passado, presente e futuro: o que alcançamos, o que aprendemos, onde estamos e onde queremos chegar. Revista Brasileira De Medicina Do Esporte, 2007, 13, v-v.	0.2	0
106	Elderly patients with unexplained syncope: What should be considered a positive tilt test response?. Autonomic Neuroscience: Basic and Clinical, 2006, 126-127, 169-173.	2.8	2
107	Pyridostigmine reduces QTc interval during recovery from maximal exercise in ischemic heart disease. International Journal of Cardiology, 2006, 107, 138-139.	1.7	13
108	Cardiovascular Autonomic Response to Food Ingestion in Patients with Gastritis: A Comparison Between Helicobacter pylori-Positive and -Negative Patients. Helicobacter, 2006, 11, 173-180.	3.5	6

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109	Reduced Hemodynamic Responses to Physical and Mental Stress Under Low-Dose Rilmenidine in Healthy Subjects. Cardiovascular Drugs and Therapy, 2006, 20, 129-134.	2.6	3
110	Parasympathetic-mediated atrial fibrillation during tilt test associated with increased baroreflex sensitivity. Europace, 2006, 8, 349-351.	1.7	14
111	The Subacute Effects of Exercise: Concept, Characteristics, and Clinical Implications. Exercise and Sport Sciences Reviews, 2005, 33, 84-87.	3.0	60
112	Coronary artery bypass surgery and longitudinal evaluation of the autonomic cardiovascular function. Critical Care, 2005, 9, R124.	5.8	53
113	Interaction Between Resistance Training and Flexibility Training in Healthy Young Adults. Journal of Strength and Conditioning Research, 2005, 19, 842.	2.1	26
114	Effects of exercise training on the vascular reactivity of the whole kidney circulation in rabbits. Journal of Applied Physiology, 2004, 97, 683-688.	2.5	26
115	Cholinergic stimulation with pyridostigmine increases heart rate variability and baroreflex sensitivity in rats. Autonomic Neuroscience: Basic and Clinical, 2004, 113, 24-31.	2.8	75
116	Cholinergic stimulation with pyridostigmine reduces ventricular arrhythmia and enhances heart rate variability in heart failure. American Heart Journal, 2003, 146, 494-500.	2.7	64
117	Electrocardiographic criteria for vagotoniaâ€"validation with pharmacological parasympathetic blockade in healthy subjects. International Journal of Cardiology, 2003, 87, 231-236.	1.7	31
118	Cardiac function during mental stress: cholinergic modulation with pyridostigmine in healthy subjects. Clinical Science, 2003, 105, 161-165.	4.3	29
119	Enhancement of heart rate variability by cholinergic stimulation with pyridostigmine in healthy subjects. Clinical Autonomic Research, 2001, 11, 11-17.	2.5	47
120	Reduction of QTc interval dispersion. Potential mechanism of cardiac protection of pyridostigmine bromide. Arquivos Brasileiros De Cardiologia, 2000, 75, 210-213.	0.8	15
121	Cholinergic stimulation with pyridostigmine, hemodynamic and echocardiographic analysis in healthy subjects. Arquivos Brasileiros De Cardiologia, 1999, 72, 297-306.	0.8	21
122	Cholinergic stimulation with pyridostigmine blunts the cardiac responses to mental stress. Clinical Autonomic Research, 1999, 9, 11-16.	2.5	26
123	Pyridostigmine blunts the increases in myocardial oxygen demand elicited by the stimulation of the central nervous system in anesthetized rats. Clinical Autonomic Research, 1999, 9, 83-89.	2.5	16
124	Mechanisms for increasing stroke volume during static exercise with fixed heart rate in humans. Journal of Applied Physiology, 1997, 83, 712-717.	2.5	33
125	Cardiovascular effects elicited by central administration of physostigmine via M2 muscarinic receptors in conscious cats. Brain Research, 1995, 677, 268-276.	2.2	12
126	Sex difference in blood pressure response to orthostatic stress: effects of transcutaneous electrical nerve stimulation. Blood Pressure Monitoring, O, Publish Ahead of Print, .	0.8	0