Arturo Figueroa

List of Publications by Year in descending order

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126907 3,502 125 33 citations h-index papers

g-index 126 126 126 3847 docs citations times ranked citing authors all docs

161849

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#	Article	IF	CITATIONS
1	Daily Blueberry Consumption Improves Blood Pressure and Arterial Stiffness in Postmenopausal Women with Pre- and Stage 1-Hypertension: A Randomized, Double-Blind, Placebo-Controlled Clinical Trial. Journal of the Academy of Nutrition and Dietetics, 2015, 115, 369-377.	0.8	181
2	Effects of diet and/or exercise on the adipocytokine and inflammatory cytokine levels of postmenopausal women with type 2 diabetes. Metabolism: Clinical and Experimental, 2005, 54, 866-875.	3.4	174
3	Effects of exercise on bone mineral density in calcium-replete postmenopausal women with and without hormone replacement therapy. Osteoporosis International, 2003, 14, 637-643.	3.1	133
4	Combined resistance and endurance exercise training improves arterial stiffness, blood pressure, and muscle strength in postmenopausal women. Menopause, 2011, 18, 980-984.	2.0	116
5	Energy Expenditure of Walking and Running: Comparison with Prediction Equations. Medicine and Science in Sports and Exercise, 2004, 36, 2128-2134.	0.4	106
6	Acute and training effects of resistance exercise on heart rate variability. Clinical Physiology and Functional Imaging, 2016, 36, 179-187.	1.2	104
7	Influence of L-citrulline and watermelon supplementation on vascular function and exercise performance. Current Opinion in Clinical Nutrition and Metabolic Care, 2017, 20, 92-98.	2.5	102
8	Endurance training improves post-exercise cardiac autonomic modulation in obese women with and without type 2 diabetes. European Journal of Applied Physiology, 2007, 100, 437-444.	2.5	93
9	Resistance exercise training improves heart rate variability in women with fibromyalgia. Clinical Physiology and Functional Imaging, 2007, 28, 071116232005001-???.	1.2	88
10	Whole-body vibration training reduces arterial stiffness, blood pressure and sympathovagal balance in young overweight/obese women. Hypertension Research, 2012, 35, 667-672.	2.7	84
11	Effects of Watermelon Supplementation on Aortic Blood Pressure and Wave Reflection in Individuals With Prehypertension: A Pilot Study. American Journal of Hypertension, 2011, 24, 40-44.	2.0	79
12	Effects of Diet and/or Low-Intensity Resistance Exercise Training on Arterial Stiffness, Adiposity, and Lean Mass in Obese Postmenopausal Women. American Journal of Hypertension, 2013, 26, 416-423.	2.0	77
13	Watermelon extract supplementation reduces ankle blood pressure and carotid augmentation index in obese adults with prehypertension or hypertension. American Journal of Hypertension, 2012, 25, 640-643.	2.0	72
14	Oral L-Citrulline Supplementation Attenuates Blood Pressure Response to Cold Pressor Test in Young Men. American Journal of Hypertension, 2010, 23, 12-16.	2.0	67
15	Impaired vagal modulation of heart rate in individuals with Down syndrome. Clinical Autonomic Research, 2005, 15, 45-50.	2.5	63
16	Eight weeks of stretching training reduces aortic wave reflection magnitude and blood pressure in obese postmenopausal women. Journal of Human Hypertension, 2014, 28, 246-250.	2.2	63
17	Watermelon consumption improves inflammation and antioxidant capacity in rats fed an atherogenic diet. Nutrition Research, 2015, 35, 251-258.	2.9	62
18	Effects of Exercise Training on Bone Remodeling, Insulin-Like Growth Factors, and Bone Mineral Density in Postmenopausal Women With and Without Hormone Replacement Therapy. Calcified Tissue International, 2003, 72, 478-484.	3.1	61

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19	Whole body vibration training improves leg blood flow and adiposity in patients with type 2 diabetes mellitus. European Journal of Applied Physiology, 2013, 113, 2245-2252.	2.5	59
20	Effects of watermelon supplementation on arterial stiffness and wave reflection amplitude in postmenopausal women. Menopause, 2013, 20, 573-577.	2.0	58
21	Catecholamine Response to Maximal Exercise in Persons With Down Syndrome. American Journal of Cardiology, 2009, 103, 724-726.	1.6	54
22	The Effects of 12 Weeks of Resistance Exercise Training on Disease Severity and Autonomic Modulation at Rest and After Acute Leg Resistance Exercise in Women with Fibromyalgia. Archives of Physical Medicine and Rehabilitation, 2010, 91, 1551-1557.	0.9	53
23	Whole-body vibration exercise training reduces arterial stiffness in postmenopausal women with prehypertension and hypertension. Menopause, 2014, 21, 131-136.	2.0	52
24	Impact of I-citrulline supplementation and whole-body vibration training on arterial stiffness and leg muscle function in obese postmenopausal women with high blood pressure. Experimental Gerontology, 2015, 63, 35-40.	2.8	47
25	Combined whole-body vibration training and <scp>l</scp> -citrulline supplementation improves pressure wave reflection in obese postmenopausal women. Applied Physiology, Nutrition and Metabolism, 2016, 41, 292-297.	1.9	47
26	Effects of daily blueberry consumption on circulating biomarkers of oxidative stress, inflammation, and antioxidant defense in postmenopausal women with pre- and stage 1-hypertension: a randomized controlled trial. Food and Function, 2017, 8, 372-380.	4.6	45
27	Postâ€exercise aortic hemodynamic responses to lowâ€intensity resistance exercise with and without vascular occlusion. Scandinavian Journal of Medicine and Science in Sports, 2011, 21, 431-436.	2.9	43
28	Impact of high- and low-intensity resistance training on arterial stiffness and blood pressure in adults across the lifespan: a review. Pflugers Archiv European Journal of Physiology, 2019, 471, 467-478.	2.8	42
29	The effects of stair climbing on arterial stiffness, blood pressure, and leg strength in postmenopausal women with stage 2 hypertension. Menopause, 2018, 25, 731-737.	2.0	37
30	Cardiovascular Autonomic Modulation After Acute Resistance Exercise in Women With Fibromyalgia. Archives of Physical Medicine and Rehabilitation, 2009, 90, 1628-1634.	0.9	35
31	Effects of hypocaloric diet, low-intensity resistance exercise with slow movement, or both on aortic hemodynamics and muscle mass in obese postmenopausal women. Menopause, 2013, 20, 967-972.	2.0	35
32	Effects of Montmorency Tart Cherry Juice Consumption on Cardiometabolic Biomarkers in Adults with Metabolic Syndrome: A Randomized Controlled Pilot Trial. Journal of Medicinal Food, 2020, 23, 1238-1247.	1.5	35
33	Effects of whole-body vibration exercise training on aortic wave reflection and muscle strength in postmenopausal women with prehypertension and hypertension. Journal of Human Hypertension, 2014, 28, 118-122.	2.2	34
34	Effects of Milk Proteins and Combined Exercise Training on Aortic Hemodynamics and Arterial Stiffness in Young Obese Women With High Blood Pressure. American Journal of Hypertension, 2014, 27, 338-344.	2.0	34
35	Effects of Watermelon Supplementation on Aortic Hemodynamic Responses to the Cold Pressor Test in Obese Hypertensive Adults. American Journal of Hypertension, 2014, 27, 899-906.	2.0	34
36	Blunted heart rate response to upright tilt in people with Down syndrome. Archives of Physical Medicine and Rehabilitation, 2005, 86, 813-818.	0.9	32

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37	Effects of Resistance Training and Chiropractic Treatment in Women with Fibromyalgia. Journal of Alternative and Complementary Medicine, 2009, 15, 321-328.	2.1	32
38	Autonomic response to upright tilt in people with and without Down syndrome. Research in Developmental Disabilities, 2010, 31, 857-863.	2.2	32
39	Aged garlic extract enhances exercise-mediated improvement of metabolic parameters in high fat diet-induced obese rats. Nutrition Research and Practice, 2012, 6, 513.	1.9	32
40	Complexity of force output during static exercise in individuals with Down syndrome. Journal of Applied Physiology, 2009, 106, 1227-1233.	2.5	31
41	l-Citrulline supplementation attenuates blood pressure, wave reflection and arterial stiffness responses to metaboreflex and cold stress in overweight men. British Journal of Nutrition, 2016, 116, 279-285.	2.3	31
42	Benefits of whole-body vibration training on arterial function and muscle strength in young overweight/obese women. Hypertension Research, 2017, 40, 487-492.	2.7	30
43	Effectiveness of Tai Chi on Cardiac Autonomic Function and Symptomatology in Women With Fibromyalgia: A Randomized Controlled Trial. Journal of Aging and Physical Activity, 2018, 26, 214-221.	1.0	30
44	The Effects of Short Term L-Citrulline Supplementation on Wave Reflection Responses to Cold Exposure With Concurrent Isometric Exercise. American Journal of Hypertension, 2013, 26, 518-526.	2.0	28
45	Watermelon and l-arginine consumption improve serum lipid profile and reduce inflammation and oxidative stress by altering gene expression in rats fed an atherogenic diet. Nutrition Research, 2018, 58, 46-54.	2.9	28
46	Resting Metabolic Rate is Not Reduced in Obese Adults With Down Syndrome. Mental Retardation, 2005, 43, 391-400.	1.0	27
47	Baroreflex Sensitivity during Static Exercise in Individuals with Down Syndrome. Medicine and Science in Sports and Exercise, 2005, 37, 2026-2031.	0.4	27
48	Aerobic Training Increases Expression Levels of SIRT3 and PGC-1α in Skeletal Muscle of Overweight Adolescents Without Change in Caloric Intake. Pediatric Exercise Science, 2015, 27, 177-184.	1.0	25
49	Whole-Body Vibration Exercise Therapy Improves Cardiac Autonomic Function and Blood Pressure in Obese Pre- and Stage 1 Hypertensive Postmenopausal Women. Journal of Alternative and Complementary Medicine, 2016, 22, 970-976.	2.1	25
50	Acute effects of simultaneous electromyostimulation and vibration on leg blood flow in spinal cord injury. Spinal Cord, 2016, 54, 383-389.	1.9	25
51	Cardiovagal baroreflex and aortic hemodynamic responses to isometric exercise and post-exercise muscle ischemia in resistance trained men. Scandinavian Journal of Medicine and Science in Sports, 2010, 20, 305-309.	2.9	24
52	Impact of daily strawberry consumption on blood pressure and arterial stiffness in pre- and stage 1-hypertensive postmenopausal women: a randomized controlled trial. Food and Function, 2017, 8, 4139-4149.	4.6	24
53	Combined effects of food and exercise on anaphylaxis. Nutrition Research and Practice, 2013, 7, 347.	1.9	22
54	Impact of low-intensity resistance and whole-body vibration training on aortic hemodynamics and vascular function in postmenopausal women. Hypertension Research, 2019, 42, 1979-1988.	2.7	22

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55	Acute exercise with whole-body vibration decreases wave reflection and leg arterial stiffness. American Journal of Cardiovascular Disease, 2011, 1, 60-7.	0.5	21
56	Whole-body vibration training decreases ankle systolic blood pressure and leg arterial stiffness in obese postmenopausal women with high blood pressure. Menopause, 2015, 22, 423-427.	2.0	20
57	Chronic l-citrulline supplementation improves cardiac sympathovagal balance in obese postmenopausal women: A preliminary report. Autonomic Neuroscience: Basic and Clinical, 2016, 198, 50-53.	2.8	20
58	Carotid stiffness, extra-media thickness and visceral adiposity in young adults. Atherosclerosis, 2017, 265, 140-146.	0.8	20
59	Vagal modulation and symptomatology following a 6-month aerobic exercise program for women with fibromyalgia. Clinical and Experimental Rheumatology, 2015, 33, S41-5.	0.8	20
60	Impaired postexercise cardiovascular autonomic modulation in middle-aged women with type 2 diabetes. European Journal of Cardiovascular Prevention and Rehabilitation, 2007, 14, 237-243.	2.8	19
61	The effects of a glucose load and sympathetic challenge on autonomic function in obese women with and without type 2 diabetes mellitus. Metabolism: Clinical and Experimental, 2007, 56, 778-785.	3.4	19
62	The Effects of Mat Pilates Training on Vascular Function and Body Fatness in Obese Young Women With Elevated Blood Pressure. American Journal of Hypertension, 2020, 33, 563-569.	2.0	19
63	Chronic effects of simultaneous electromyostimulation and vibration on leg blood flow in spinal cord injury. Spinal Cord, 2016, 54, 1169-1175.	1.9	18
64	l-Citrulline Supports Vascular and Muscular Benefits of Exercise Training in Older Adults. Exercise and Sport Sciences Reviews, 2020, 48, 133-139.	3.0	17
65	Effect of l-Arginine Supplementation on Blood Pressure in Adults: A Systematic Review and Dose–Response Meta-analysis of Randomized Clinical Trials. Advances in Nutrition, 2022, 13, 1226-1242.	6.4	17
66	Whole-body vibration attenuates the increase in leg arterial stiffness and aortic systolic blood pressure during post-exercise muscle ischemia. European Journal of Applied Physiology, 2011, 111, 1261-1268.	2.5	16
67	Effects of resistance exercise training on resting and post-exercise forearm blood flow and wave reflection in overweight and obese women. Journal of Human Hypertension, 2012, 26, 684-690.	2.2	15
68	Aerobic training but no resistance training increases SIRT3Âin skeletal muscle of sedentary obese male adolescents. European Journal of Sport Science, 2018, 18, 226-234.	2.7	15
69	Impact of passive vibration on pressure pulse wave characteristics. Journal of Human Hypertension, 2012, 26, 610-615.	2.2	14
70	Aortic Hemodynamics and Arterial Stiffness Responses to Muscle Metaboreflex Activation With Concurrent Cold Pressor Test. American Journal of Hypertension, 2015, 28, 1332-1338.	2.0	14
71	Effects of wholeâ€body vibration on heart rate variability: acute responses and training adaptations. Clinical Physiology and Functional Imaging, 2019, 39, 115-121.	1.2	14
72	Effects of Acute Stretching Exercise and Training on Heart Rate Variability: A Review. Journal of Strength and Conditioning Research, 2021, 35, 1459-1466.	2.1	14

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73	Passive vibration on the legs reduces peripheral and systemic arterial stiffness. Hypertension Research, 2012, 35, 126-127.	2.7	12
74	Impact of acute whole-body cold exposure with concurrent isometric handgrip exercise on aortic pressure waveform characteristics. European Journal of Applied Physiology, 2014, 114, 1779-1787.	2.5	12
75	Influence of isolated or simultaneous application of electromyostimulation and vibration on leg blood flow. European Journal of Applied Physiology, 2015, 115, 1747-1755.	2.5	12
76	The effects of pumpkin seed oil supplementation on arterial hemodynamics, stiffness and cardiac autonomic function in postmenopausal women. Complementary Therapies in Clinical Practice, 2019, 37, 23-26.	1.7	12
77	Cold exposure attenuates post exercise cardiovagal reactivation and sympathetic withdrawal. Autonomic Neuroscience: Basic and Clinical, 2013, 176, 95-97.	2.8	10
78	Body Composition Modulates the Effects of Hormone Replacement Therapy on Growth Hormone and Insulin-Like Growth Factor-I Levels in Postmenopausal Women. Gynecologic and Obstetric Investigation, 2002, 54, 201-206.	1.6	9
79	Autonomic responses to physiological stressors in women with type 2 diabetes. Clinical Autonomic Research, 2008, 18, 66-73.	2.5	9
80	Cardiac autonomic response during recovery from a maximal exercise using whole body vibration. Complementary Therapies in Medicine, 2013, 21, 294-299.	2.7	9
81	Creatine supplementation attenuates hemodynamic and arterial stiffness responses following an acute bout of isokinetic exercise. European Journal of Applied Physiology, 2011, 111, 1965-1971.	2.5	8
82	Whole-body vibration as a potential countermeasure for dynapenia and arterial stiffness. Integrative Medicine Research, 2016, 5, 204-211.	1.8	8
83	Effect of oral L-citrulline on brachial and aortic blood pressure defined by resting status: evidence from randomized controlled trials. Nutrition and Metabolism, 2019, 16, 89.	3.0	8
84	Arterial Stiffness and Cardiorespiratory Fitness Are Associated With Cognitive Function in Older Adults. Behavioral Medicine, 2022, 48, 54-65.	1.9	7
85	Intellectual disability, exercise and aging: the IDEA study: study protocol for a randomized controlled trial. BMC Public Health, 2020, 20, 1266.	2.9	7
86	Effects of resistance training on central blood pressure and wave reflection in obese adults with prehypertension. Journal of Human Hypertension, 2014, 28, 143-144.	2.2	6
87	Impact of age on aortic wave reflection responses to metaboreflex activation and its relationship with leg lean mass in post-menopausal women. Experimental Gerontology, 2015, 70, 119-124.	2.8	6
88	Exaggerated Aortic Pulse Pressure and Wave Amplitude During Muscle Metaboreflex Activation in Type 2 Diabetes Patients. American Journal of Hypertension, 2020, 33, 70-76.	2.0	5
89	Impact of Active Recovery and Whole-Body Electromyostimulation on Blood-Flow and Blood Lactate Removal in Healthy People. Frontiers in Physiology, 2020, 11, 310.	2.8	5
90	L-Citrulline supplementation attenuates aortic pulse pressure and wave reflection responses to cold stress in older adults. Experimental Gerontology, 2022, 159, 111685.	2.8	5

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91	Acute passive vibration reduces arterial stiffness and aortic wave reflection in stroke survivors. European Journal of Applied Physiology, 2014, 114, 105-111.	2.5	4
92	Influence of low and normal appendicular lean mass on central blood pressure and wave reflection responses to muscle metaboreflex activation in postmenopausal women. Clinical and Experimental Pharmacology and Physiology, 2016, 43, 1243-1246.	1.9	4
93	Effects of L-Citrulline Supplementation and Aerobic Training on Vascular Function in Individuals with Obesity across the Lifespan. Nutrients, 2021, 13, 2991.	4.1	4
94	Effects of Watermelon Powder and l-arginine Supplementation on Azoxymethane-Induced Colon Carcinogenesis in Rats. Nutrition and Cancer, 2018, 70, 938-945.	2.0	3
95	Postexercise hypotension in central aortic pressures following walking and its relation to cardiorespiratory fitness. Journal of Sports Medicine and Physical Fitness, 2019, 59, 717-722.	0.7	3
96	The Effects of Low-Intensity Resistance Exercise on Cardiac Autonomic Function and Muscle Strength in Obese Postmenopausal Women. Journal of Aging and Physical Activity, 2019, 27, 855-860.	1.0	3
97	Attenuated aortic blood pressure responses to metaboreflex activation in older adults with dynapenia. Experimental Gerontology, 2020, 138, 110984.	2.8	3
98	Cardiac Autonomic Modulation Response Before, During, and After Submaximal Exercise in Older Adults With Intellectual Disability. Frontiers in Physiology, 2021, 12, 702418.	2.8	3
99	Impaired pulse pressure amplification, augmentation index, and arterial stiffness are associated with reduced limb lean mass in overweight and obese postmenopausal women. Experimental Gerontology, 2021, 145, 111194.	2.8	2
100	Dietary Supplementation Of Ca++, K+ And No-3 Upon Blood Pressure And Exercise In Pre-Hypertension Patients. Medicine and Science in Sports and Exercise, 2016, 48, 839.	0.4	2
101	Whole-body Vibration Training in Frail, Skilled Nursing Home Residents. International Journal of Exercise Science, 2020, 13, 140-156.	0.5	2
102	Effects of strawberries on bone biomarkers in pre- and stage 1-hypertensive postmenopausal women: a secondary analysis. Food and Function, 2021, 12, 12526-12534.	4.6	2
103	The Effect of Whole-Body Vibration Exercise on Autonomic and Cardiovascular Function in Overweight-Obese Premenopausal Women Medicine and Science in Sports and Exercise, 2011, 43, 349.	0.4	1
104	Metabolic Changes After Two Differents Exercise Programs In Sedentary Type 2 Diabetic Patients Medicine and Science in Sports and Exercise, 2017, 49, 1020.	0.4	1
105	Response of exerciseâ€onset vasodilator kinetics to Lâ€citrulline supplementation during different phases of the menstrual cycle. Physiological Reports, 2020, 8, e14536.	1.7	1
106	Impaired Cardiovascular Autonomic Modulation After Walking in Middle-aged Women With Type 2 Diabetes. Medicine and Science in Sports and Exercise, 2006, 38, S18.	0.4	1
107	Blueberries exert antihypertensive and vascularâ€protective effects in postmenopausal women with pre― and stage 1â€hypertension (117.6). FASEB Journal, 2014, 28, 117.6.	0.5	1
108	L-citrulline Does Not Change Blood Flow Kinetics At The Onset Of Exercise In Young Women. Medicine and Science in Sports and Exercise, 2020, 52, 225-225.	0.4	1

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109	Static Exercise With Whole-body Vibration Reduces Post-exercise Leg Arterial Stiffness in Young Men With Pre-hypertension. Medicine and Science in Sports and Exercise, 2010, 42, 122.	0.4	O
110	Resistance Exercise Training Does Not Affect Post-exercise Hypotension And Wave Reflection In Women With Fibromyalgia. Medicine and Science in Sports and Exercise, 2011, 43, 458.	0.4	0
111	Combined Exercise Training Decreases Blood Pressure and Arterial Stiffness in Postmenopausal Women. Medicine and Science in Sports and Exercise, 2011, 43, 153-154.	0.4	0
112	Hematological and Metabolic Changes with Balke and Bruce Maximal Exercise Protocols. Medicine and Science in Sports and Exercise, 2015, 47, 872.	0.4	0
113	Whole-Body Vibration Training Decreases Ankle Systolic Blood Pressure and Arterial Stiffness in Hypertensive Postmenopausal Women. Medicine and Science in Sports and Exercise, 2015, 47, 77-78.	0.4	0
114	Improvements in Endothelial Function Following Whole-Body Vibration Training in Overweight and Obese Young Women. Medicine and Science in Sports and Exercise, 2017, 49, 326.	0.4	0
115	Effect Of Combined Training On Metabolic Control In Type 2 Diabetes Overweight Patients Medicine and Science in Sports and Exercise, 2019, 51, 977-977.	0.4	0
116	Impact Of Saffron Supplementation And Resistance Training On Depression-related Markers In Untrained Young Males. Medicine and Science in Sports and Exercise, 2021, 53, 287-287.	0.4	0
117	Alterations in Baroreflex Sensitivity Do Not Explain Attenuated Responses to Sympathoexcitation in Down Syndrome. Medicine and Science in Sports and Exercise, 2004, 36, S157.	0.4	0
118	Effects of Single vs. Multiple Bout Moderate Exercise Training on Heart Rate during Submaximal Exercise in Women. Medicine and Science in Sports and Exercise, 2006, 38, S324.	0.4	0
119	Moderate Exercise Training Improves Post-exercise Cardiac Autonomic Modulation in Obese Women With and Without Type 2 Diabetes. Medicine and Science in Sports and Exercise, 2007, 39, S55.	0.4	0
120	Whole-body Vibration Attenuates Arterial Responses During Post-exercise Muscle Ischemia After Static Squat. Medicine and Science in Sports and Exercise, 2010, 42, 45-46.	0.4	0
121	Passive Vibration Reduces Leg and Systemic Arterial Stiffness. Medicine and Science in Sports and Exercise, 2010, 42, 81.	0.4	0
122	High blood pressure and arterial stiffness are not associated with low bone mass. FASEB Journal, 2013, 27, 1053.13.	0.5	0
123	Lean Mass and Handgrip Strength May Be Associated With Dietary Intake. FASEB Journal, 2013, 27, .	0.5	0
124	Relationship between body composition and arterial stiffness in postmenopausal women (391.8). FASEB Journal, 2014, 28, 391.8.	0.5	0
125	Loaded Whole-Body Vibration Training Decreases Arterial Stiffness and Wave Reflection in Overweight/Obese Young Women. Medicine and Science in Sports and Exercise, 2015, 47, 237.	0.4	0