

Massimo Venturelli

List of Publications by Citations

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Version: 2024-04-20

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

112
papers

1,700
citations

22
h-index

38
g-index

138
ext. papers

2,196
ext. citations

2.9
avg, IF

4.93
L-index

#	Paper	IF	Citations
112	Six-month walking program changes cognitive and ADL performance in patients with Alzheimer. <i>American Journal of Alzheimers Disease and Other Dementias</i> , 2011 , 26, 381-8	2.5	163
111	Peripheral fatigue limits endurance exercise via a sensory feedback-mediated reduction in spinal motoneuronal output. <i>Journal of Applied Physiology</i> , 2013 , 115, 355-64	3.7	130
110	Autonomic responses to exercise: group III/IV muscle afferents and fatigue. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2015 , 188, 19-23	2.4	106
109	Spinal Opioid receptor-sensitive lower limb muscle afferents determine corticospinal responsiveness and promote central fatigue in upper limb muscle. <i>Journal of Physiology</i> , 2014 , 592, 5011-24	3.9	82
108	Group III/IV muscle afferents impair limb blood in patients with chronic heart failure. <i>International Journal of Cardiology</i> , 2014 , 174, 368-75	3.2	56
107	Muscle Strength and Physical Performance in Patients Without Previous Disabilities Recovering From COVID-19 Pneumonia. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2021 , 100, 105-109	2.6	56
106	The role of active muscle mass in determining the magnitude of peripheral fatigue during dynamic exercise. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014 , 306, R934-40	3.2	54
105	Muscle mass and peripheral fatigue: a potential role for afferent feedback?. <i>Acta Physiologica</i> , 2012 , 206, 242-50	5.6	53
104	Positive effects of physical training in activity of daily living-dependent older adults. <i>Experimental Aging Research</i> , 2010 , 36, 190-205	1.7	48
103	In vivo and in vitro evidence that intrinsic upper- and lower-limb skeletal muscle function is unaffected by ageing and disuse in oldest-old humans. <i>Acta Physiologica</i> , 2015 , 215, 58-71	5.6	41
102	The Mechanoreflex and Hemodynamic Response to Passive Leg Movement in Heart Failure. <i>Medicine and Science in Sports and Exercise</i> , 2016 , 48, 368-76	1.2	34
101	The validity of anthropometric leg muscle volume estimation across a wide spectrum: from able-bodied adults to individuals with a spinal cord injury. <i>Journal of Applied Physiology</i> , 2014 , 116, 1142-7	3.7	33
100	Effectiveness of Exercise- and Cognitive-Based Treatments on Salivary Cortisol Levels and Sundowning Syndrome Symptoms in Patients with Alzheimer's Disease. <i>Journal of Alzheimers Disease</i> , 2016 , 53, 1631-40	4.3	32
99	Stretch-induced changes in tension generation process and stiffness are not accompanied by alterations in muscle architecture of the middle and distal portions of the two gastrocnemii. <i>Journal of Electromyography and Kinesiology</i> , 2015 , 25, 469-78	2.5	27
98	Impact of body position on central and peripheral hemodynamic contributions to movement-induced hyperemia: implications for rehabilitative medicine. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011 , 300, H1885-91	5.2	27
97	Cellular aging of skeletal muscle: telomeric and free radical evidence that physical inactivity is responsible and not age. <i>Clinical Science</i> , 2014 , 127, 415-21	6.5	26
96	Sprint training in preadolescent soccer players. <i>International Journal of Sports Physiology and Performance</i> , 2008 , 3, 558-62	3.5	26

95	Central and peripheral responses to static and dynamic stretch of skeletal muscle: mechano- and metaboreflex implications. <i>Journal of Applied Physiology</i> , 2017 , 122, 112-120	3.7	25
94	Electromechanical delay components during skeletal muscle contraction and relaxation in patients with myotonic dystrophy type 1. <i>Neuromuscular Disorders</i> , 2016 , 26, 60-72	2.9	25
93	Passive leg movement-induced hyperaemia with a spinal cord lesion: evidence of preserved vascular function. <i>Acta Physiologica</i> , 2014 , 210, 429-39	5.6	24
92	A Comparison of Lysosomal Enzymes Expression Levels in Peripheral Blood of Mild- and Severe-Alzheimer's Disease and MCI Patients: Implications for Regenerative Medicine Approaches. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	23
91	Impact of Nitric Oxide Bioavailability on the Progressive Cerebral and Peripheral Circulatory Impairments During Aging and Alzheimer's Disease. <i>Frontiers in Physiology</i> , 2018 , 9, 169	4.6	22
90	Aging alters muscle reflex control of autonomic cardiovascular responses to rhythmic contractions in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015 , 309, H1479-89	5.2	22
89	The role of exercise capacity in the health and longevity of centenarians. <i>Maturitas</i> , 2012 , 73, 115-20	5	22
88	Injury risk factors in young soccer players detected by a multivariate survival model. <i>Journal of Science and Medicine in Sport</i> , 2011 , 14, 293-8	4.4	22
87	Resilience to Alzheimer's Disease: The Role of Physical Activity. <i>Current Alzheimer Research</i> , 2017 , 14, 546 - 553	3	22
86	Electromechanical delay components during relaxation after voluntary contraction: reliability and effects of fatigue. <i>Muscle and Nerve</i> , 2015 , 51, 907-15	3.4	20
85	Single passive leg movement-induced hyperemia: a simple vascular function assessment without a chronotropic response. <i>Journal of Applied Physiology</i> , 2017 , 122, 28-37	3.7	20
84	Physical Activity, Exercise, and Physiotherapy in Parkinson's Disease: Defining the Concepts. <i>Movement Disorders Clinical Practice</i> , 2020 , 7, 7-15	2.2	20
83	Limitations to exercise in female centenarians: evidence that muscular efficiency tempers the impact of failing lungs. <i>Age</i> , 2013 , 35, 861-70		18
82	Changes in the electromechanical delay components during a fatiguing stimulation in human skeletal muscle: an EMG, MMG and force combined approach. <i>European Journal of Applied Physiology</i> , 2017 , 117, 95-107	3.4	18
81	Central and peripheral hemodynamic responses to passive limb movement: the role of arousal. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012 , 302, H333-9	5.2	18
80	Correlation between stiffness and electromechanical delay components during muscle contraction and relaxation before and after static stretching. <i>Journal of Electromyography and Kinesiology</i> , 2017 , 33, 83-93	2.5	17
79	Skeletal Muscle Function in the Oldest-Old: The Role of Intrinsic and Extrinsic Factors. <i>Exercise and Sport Sciences Reviews</i> , 2018 , 46, 188-194	6.7	17
78	Regulation of microRNAs in Satellite Cell Renewal, Muscle Function, Sarcopenia and the Role of Exercise. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	17

77	Towards a Redefinition of Cognitive Frailty. <i>Journal of Alzheimers Disease</i> , 2020 , 76, 831-843	4.3	16
76	Exercise Training on Locomotion in Patients with Alzheimer's Disease: A Feasibility Study. <i>Journal of Alzheimers Disease</i> , 2018 , 61, 1599-1609	4.3	15
75	Heart and musculoskeletal hemodynamic responses to repetitive bouts of quadriceps static stretching. <i>Journal of Applied Physiology</i> , 2019 , 127, 376-384	3.7	13
74	Possible Predictors of Involuntary Weight Loss in Patients with Alzheimer's Disease. <i>PLoS ONE</i> , 2016 , 11, e0157384	3.7	13
73	Neuromuscular versus Mechanical Stretch-induced Changes in Contralateral versus Ipsilateral Muscle. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 1294-1306	1.2	13
72	Guidelines on exercise testing and prescription for patients at different stages of Parkinson's disease. <i>Aging Clinical and Experimental Research</i> , 2021 , 33, 221-246	4.8	13
71	Muscle cramps: A comparison of the two-leading hypothesis. <i>Journal of Electromyography and Kinesiology</i> , 2018 , 41, 89-95	2.5	13
70	Comparison between physical and cognitive treatment in patients with MCI and Alzheimer's disease. <i>Aging</i> , 2019 , 11, 3138-3155	5.6	12
69	Skeletal Muscle Fiber Size and Gene Expression in the Oldest-Old With Differing Degrees of Mobility. <i>Frontiers in Physiology</i> , 2019 , 10, 313	4.6	12
68	Evidence for improved systemic and local vascular function after long-term passive static stretching training of the musculoskeletal system. <i>Journal of Physiology</i> , 2020 , 598, 3645-3666	3.9	12
67	Changes in Plasma BDNF and Its Receptors Expression on Peripheral Blood Monocytes During Alzheimer's Disease Progression. <i>Journal of Alzheimers Disease</i> , 2017 , 55, 1005-1017	4.3	12
66	Comparison between continuous and discontinuous incremental treadmill test to assess velocity at V O ₂ max. <i>Journal of Sports Medicine and Physical Fitness</i> , 2017 , 57, 1119-1125	1.4	10
65	From Alzheimer's disease retrogenesis: a new care strategy for patients with advanced dementia. <i>American Journal of Alzheimers Disease and Other Dementias</i> , 2012 , 27, 483-9	2.5	10
64	The impact of exercise training on fatigue in patients with chronic obstructive pulmonary disease: a systematic review and meta-analysis. <i>Pulmonology</i> , 2020 , 26, 304-313	3.7	9
63	Sundowning syndrome and hypothalamic-pituitary-adrenal axis dysregulation in individuals with Alzheimer's disease: is there an association?. <i>Journal of the American Geriatrics Society</i> , 2013 , 61, 2055-6	5.6	9
62	Altered Vascular Endothelium-Dependent Responsiveness in Frail Elderly Patients Recovering from COVID-19 Pneumonia: Preliminary Evidence. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	9
61	Respiratory muscle training positively affects vasomotor response in young healthy women. <i>PLoS ONE</i> , 2018 , 13, e0203347	3.7	9
60	Effects of endurance, circuit, and relaxing training on cardiovascular risk factors in hypertensive elderly patients. <i>Age</i> , 2015 , 37, 101		8

59	Point: skeletal muscle mechanical efficiency does increase with age. <i>Journal of Applied Physiology</i> , 2013 , 114, 1108-9	3.7	8
58	The Vascular Side of Chronic Bed Rest: When a Therapeutic Approach Becomes Deleterious. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	7
57	An Indoor Therapeutic Garden for Behavioral Symptoms in Alzheimer's Disease: A Randomized Controlled Trial. <i>Journal of Alzheimers Disease</i> , 2019 , 71, 813-823	4.3	7
56	Exercise training improves vascular function in patients with Alzheimer's disease. <i>European Journal of Applied Physiology</i> , 2020 , 120, 2233-2245	3.4	7
55	Bone and skeletal muscle changes in oldest-old women: the role of physical inactivity. <i>Aging Clinical and Experimental Research</i> , 2020 , 32, 207-214	4.8	6
54	Influence of acute passive stretching on the oxygen uptake vs work rate slope during an incremental cycle test. <i>European Journal of Applied Physiology</i> , 2015 , 115, 2583-92	3.4	5
53	Effects of Two Different Self-Adapted Occlusal Splints on Electromyographic and Force Parameters During Elbow Flexors Isometric Contraction. <i>Journal of Strength and Conditioning Research</i> , 2018 , 32, 230-236	3.2	5
52	Acute effects of static stretching on skeletal muscle relaxation at different ankle joint angles. <i>Sport Sciences for Health</i> , 2016 , 12, 429-436	1.3	5
51	Evidence of Improved Vascular Function in the Arteries of Trained but Not Untrained Limbs After Isolated Knee-Extension Training. <i>Frontiers in Physiology</i> , 2019 , 10, 727	4.6	5
50	Safety procedures for exercise testing in the scenario of COVID-19: a position statement of the Societ�Italiana Scienze Motorie e Sportive. <i>Sport Sciences for Health</i> , 2020 , 16, 1-7	1.3	5
49	The key role of physical activity against the neuromuscular deterioration in patients with Parkinson's disease. <i>Acta Physiologica</i> , 2021 , 231, e13630	5.6	5
48	Non-�Dependent Factors Associated with Global Cognitive and Physical Function in Alzheimer's Disease: A Pilot Multivariate Analysis. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	5
47	Skeletal Muscle Myopathy in Heart Failure: the Role of Ejection Fraction. <i>Current Cardiology Reports</i> , 2018 , 20, 116	4.2	5
46	Role of Exercise in Vascular Function and Inflammatory Profile in Age-Related Obesity. <i>Journal of Immunology Research</i> , 2018 , 2018, 7134235	4.5	5
45	Including the Eccentric Phase in Resistance Training to Counteract the Effects of Detraining in Women: A Randomized Controlled Trial. <i>Journal of Strength and Conditioning Research</i> , 2021 ,	3.2	4
44	Fatigue in hypokinetic, hyperkinetic, and functional movement disorders. <i>Parkinsonism and Related Disorders</i> , 2021 , 86, 114-123	3.6	4
43	Physical Activity in Patients with Chronic Obstructive Pulmonary Disease on Long-Term Oxygen Therapy: A Cross-Sectional Study. <i>International Journal of COPD</i> , 2019 , 14, 2815-2823	3	4
42	Neuromuscular and Muscle Metabolic Functions in MELAS Before and After Resistance Training: A Case Study. <i>Frontiers in Physiology</i> , 2019 , 10, 503	4.6	3

41	Age-Associated ALU Element Instability in White Blood Cells Is Linked to Lower Survival in Elderly Adults: A Preliminary Cohort Study. <i>PLoS ONE</i> , 2017 , 12, e0169628	3.7	3
40	Effects of a 12-week neck muscles training on muscle function and perceived level of muscle soreness in amateur rugby players. <i>Sport Sciences for Health</i> , 2016 , 12, 443-452	1.3	3
39	Fall-risk factors in hospitalized elderly: the role of adapted physical activity. <i>Sport Sciences for Health</i> , 2016 , 12, 471-477	1.3	3
38	Timed synchronization of muscle contraction to heartbeat enhances muscle hyperemia. <i>Journal of Applied Physiology</i> , 2020 , 128, 805-812	3.7	2
37	Capsaicin and Its Effect on Exercise Performance, Fatigue and Inflammation after Exercise.. <i>Nutrients</i> , 2022 , 14,	6.7	2
36	Exercise-induced adaptations in patients with Alzheimer's disease: the role of circadian scheduling. <i>Sport Sciences for Health</i> , 2018 , 14, 227-234	1.3	2
35	Repeated passive mobilization to stimulate vascular function in individuals of advanced age who are chronically bedridden. A randomized controlled trial. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021 ,	6.4	2
34	Age-related changes in skeletal muscle function: the sum of the parts could be greater than the whole. <i>Journal of Applied Physiology</i> , 2016 , 121, 1234	3.7	2
33	Anthropometric Prediction of DXA-Measured Percentage of Fat Mass in Athletes With Unilateral Lower Limb Amputation. <i>Frontiers in Physiology</i> , 2020 , 11, 620040	4.6	1
32	Treating Patients Like Athletes: Sports Science Applied to Parkinson's Disease. <i>Frontiers in Neurology</i> , 2020 , 11, 228	4.1	1
31	Heart rate response to different training phases in young female acrosport athletes. <i>Sport Sciences for Health</i> , 2016 , 12, 21-26	1.3	1
30	Maximal aerobic capacity exercise testing protocols for elderly individuals in the era of COVID-19. <i>Aging Clinical and Experimental Research</i> , 2021 , 33, 1433-1437	4.8	1
29	Electrically induced quadriceps fatigue in the contralateral leg impairs ipsilateral knee extensors performance. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021 , 320, R747-R756	3.2	1
28	Commentaries on Viewpoint: "Muscle memory" not mediated by myonuclear number? Secondary analysis of human detraining data. <i>Journal of Applied Physiology</i> , 2019 , 127, 1817-1820	3.7	1
27	Rehabilitation and Biomarkers of Stroke Recovery: Study Protocol for a Randomized Controlled Trial. <i>Frontiers in Neurology</i> , 2020 , 11, 618200	4.1	1
26	The Eccentric Phase in Unilateral Resistance Training Enhances and Preserves the Contralateral Knee Extensors Strength Gains After Detraining in Women: A Randomized Controlled Trial.. <i>Frontiers in Physiology</i> , 2022 , 13, 788473	4.6	1
25	Passive leg movement-induced vasodilation and exercise-induced sympathetic vasoconstriction.. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2022 , 239, 102969	2.4	1
24	Response: Commentary: Neuromuscular and Muscle Metabolic Functions in MELAS Before and After Resistance Training: A Case Study. <i>Frontiers in Physiology</i> , 2020 , 11, 337	4.6	0

23	Fasting-Mimicking-Diet does not reduce skeletal muscle function in healthy young adults: a randomized control trial.. <i>European Journal of Applied Physiology</i> , 2022 , 122, 651	3.4	○
22	Spinal cord injury and vascular function: evidence from diameter-matched vessels. <i>Journal of Applied Physiology</i> , 2021 , 130, 562-570	3.7	○
21	The effect of leg preference on mechanical efficiency during single-leg extension exercise. <i>Journal of Applied Physiology</i> , 2021 , 131, 553-565	3.7	○
20	Beyond the current knowledge on sarcopenia: new insight on neuromuscular factors.. <i>Aging Clinical and Experimental Research</i> , 2022 , 1	4.8	○
19	Intermittent versus equivalent constant-load cycle training in COVID-19 patients.. <i>Pulmonology</i> , 2022 , 28, 312-312	3.7	○
18	Reply to Drouin and Tschakovsky. <i>Journal of Applied Physiology</i> , 2019 , 126, 797	3.7	
17	Passive Mobilization-induced Vascular Function. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 237	1.2	
16	Last word on point: skeletal muscle mechanical efficiency does increase with age. <i>Journal of Applied Physiology</i> , 2013 , 114, 1119	3.7	
15	Vascular Dysfunction In The Lower Limbs Of Young Black Males: Evidence From Passive Leg Movement. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 14-14	1.2	
14	Passive mobilization-induced vascular function adaptations in bedridden oldest-old.. <i>FASEB Journal</i> , 2018 , 32, 722.33	0.9	
13	Effects of Isolated Muscle Training on Vasomotor Response and Peripheral Blood Flow. <i>FASEB Journal</i> , 2018 , 32, 722.15	0.9	
12	Indispensably evil! The role of oxygen in nitric-oxide dependent endothelial function. <i>FASEB Journal</i> , 2018 , 32, 909.9	0.9	
11	Cognitive and Vascular effects of Exercise in patients with Alzheimer's Disease. <i>FASEB Journal</i> , 2019 , 33, 536.2	0.9	
10	Effects of Acute Capsaicin on the Central and Peripheral Hemodynamic Response to Passive Leg Movement. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 674-674	1.2	
9	Does Capsaicin Ingestion Affect Functional Sympatholysis And Vascular Functions?. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 490-490	1.2	
8	Training effects on central and peripheral components of force, in old healthy subjects: the role of central command.. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
7	Vascular Function And Progression Of Alzheimer's Disease. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 699	1.2	
6	Group III/IV muscle afferents impair limb blood flow during exercise in patients with heart failure. <i>FASEB Journal</i> , 2013 , 27, 699.4	0.9	

5	Limb Movement-Induced Central and Peripheral Hemodynamics in Heart Failure: The Role of Afferent Feedback. <i>FASEB Journal</i> , 2013 , 27, 943-21	0.9
4	Electrical Stimulation-induced Fatigue In The Contralateral Leg Impairs Endurance Exercise Performance. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 933-933	1.2
3	Wearable multisensor and total energy expenditure estimation in young, adult and institutionalized elderly individuals: validation and practical recommendation. <i>Sport Sciences for Health</i> , 2016 , 12, 463-470	1.3
2	The Role of Nitric Oxide on Vascular Dysfunction During Aging and Alzheimer's Disease 2019 , 221-228	
1	Reply to the Letter "What does characterize exercise guidelines for Parkinson's disease?". <i>Aging Clinical and Experimental Research</i> , 2021 , 33, 677-678	4.8