Massimo Venturelli

List of Publications by Year
in descending order

134 papers	2,599 citations	185998 28 h-index	233125 45 g-index
138 all docs	138 docs citations	138 times ranked	3235 citing authors

#	Article	IF	Citations
1	Including the Eccentric Phase in Resistance Training to Counteract the Effects of Detraining in Women: A Randomized Controlled Trial. Journal of Strength and Conditioning Research, 2022, 36, 3023-3031.	1.0	11
2	Evidence that Neuromuscular Fatigue Is not a Dogma in Patients with Parkinsonâ€™s Disease. Medicine and Science in Sports and Exercise, 2022, 54, 247-257.	0.2	1
3	Fasting-Mimicking-Diet does not reduce skeletal muscle function in healthy young adults: a randomized control trial. European Journal of Applied Physiology, 2022, 122, 651.	1.2	1
4	Capsaicin and Its Effect on Exercise Performance, Fatigue and Inflammation after Exercise. Nutrients, 2022, 14, 232.	1.7	15
5	Beyond the current knowledge on sarcopenia: new insight on neuromuscular factors. Aging Clinical and Experimental Research, 2022, 34, 1183-1185.	1.4	7
6	Intermittent versus equivalent constant-load cycle training in COVID-19 patients. Pulmonology, 2022, 28, 312-314.	1.0	2
7	The Eccentric Phase in Unilateral Resistance Training Enhances and Preserves the Contralateral Knee Extensors Strength Gains After Detraining in Women: A Randomized Controlled Trial. Frontiers in Physiology, 2022, 13, 788473.	1.3	3
8	Passive leg movement-induced vasodilation and exercise-induced sympathetic vasoconstriction. Autonomic Neuroscience: Basic and Clinical, 2022, 239, 102969.	1.4	3
9	Does Parkinson's disease affect peripheral circulation and vascular function in physically active patients?. Journal of Applied Physiology, 2022, , .	1.2	0
10	Sex Differences in Estimates of Cardiac Autonomic Function Using Time Domain based Method of Heart Rate Variability: Effects of Oral Capsaicin. FASEB Journal, 2022, 36, .	0.2	0
11	Do Racial Differences Exist in Mechanoreflex Sensitivity in Young Healthy Males?. FASEB Journal, 2022, 36, .	0.2	0
12	Adapted physical activity in subjects and athletes recovering from covid-19: a position statement of the SocietÃ Italiana Scienze Motorie e Sportive. Sport Sciences for Health, 2022, 18, 659-669.	0.4	5
13	Brain Structural and Functional Alterations in Multiple Sclerosis-Related Fatigue: A Systematic Review. Neurology International, 2022, 14, 506-535.	1.3	14
14	Exercise and nutritional interventions on sarcopenia and frailty in heart failure: a narrative review of systematic reviews and metaâ€•analyses. ESC Heart Failure, 2022, 9, 2787-2799.	1.4	10
15	Guidelines on exercise testing and prescription for patients at different stages of Parkinsonâ€™s disease. Aging Clinical and Experimental Research, 2021, 33, 221-246.	1.4	26
16	Spinal cord injury and vascular function: evidence from diameter-matched vessels. Journal of Applied Physiology, 2021, 130, 562-570.	1.2	5
17	Reply to the Letter â€œWhat does characterize exercise guidelines forÂParkinsonâ€™s disease?â€• Aging Clinical and Experimental Research, 2021, 33, 677-678.	1.4	0
18	The key role of physical activity against the neuromuscular deterioration in patients with Parkinson's disease. Acta Physiologica, 2021, 231, e13630.	1.8	14

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19	Maximal aerobic capacity exercise testing protocols for elderly individualsÂin the era of COVID-19. Aging Clinical and Experimental Research, 2021, 33, 1433-1437.	1.4	1
20	Acute Capsaicin and Exercise Performance in Humans: Potential Neuromuscular Mechanisms. FASEB Journal, 2021, 35, .	0.2	0
21	Repeated Passive Mobilization to Stimulate Vascular Function in Individuals of Advanced Age Who Are Chronically Bedridden: A Randomized Controlled Trial. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, , .	1.7	5
22	Electrically induced quadriceps fatigue in the contralateral leg impairs ipsilateral knee extensors performance. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2021, 320, R747-R756.	0.9	5
23	Racial Differences in Hemodynamic Responses to Lower Body Negative Pressure: The Effects of Capsaicin. FASEB Journal, 2021, 35, .	0.2	0
24	Fatigue in hypokinetic, hyperkinetic, and functional movement disorders. Parkinsonism and Related Disorders, 2021, 86, 114-123.	1.1	13
25	Altered Vascular Endothelium-Dependent Responsiveness in Frail Elderly Patients Recovering from COVID-19 Pneumonia: Preliminary Evidence. Journal of Clinical Medicine, 2021, 10, 2558.	1.0	13
26	The effect of leg preference on mechanical efficiency during single-leg extension exercise. Journal of Applied Physiology, 2021, 131, 553-565.	1.2	4
27	Muscle Strength and Physical Performance in Patients Without Previous Disabilities Recovering From COVID-19 Pneumonia. American Journal of Physical Medicine and Rehabilitation, 2021, 100, 105-109.	0.7	154
28	Long-Term Passive Leg Stretch Improves Systemic Vascular Responsiveness as much as Single-Leg Exercise Training. Medicine and Science in Sports and Exercise, 2021, Publish Ahead of Print, .	0.2	4
29	Bone and skeletal muscle changes in oldest-old women: the role of physical inactivity. Aging Clinical and Experimental Research, 2020, 32, 207-214.	1.4	14
30	Physical Activity, Exercise, and Physiotherapy in Parkinson's Disease: Defining the Concepts. Movement Disorders Clinical Practice, 2020, 7, 7-15.	0.8	47
31	Neuromuscular versus Mechanical Stretch-induced Changes in Contralateral versus Ipsilateral Muscle. Medicine and Science in Sports and Exercise, 2020, 52, 1294-1306.	0.2	22
32	Electrical Stimulation-induced Fatigue In The Contralateral Leg Impairs Endurance Exercise Performance. Medicine and Science in Sports and Exercise, 2020, 52, 933-933.	0.2	0
33	Exercise training improves vascular function in patients with Alzheimerâ€™s disease. European Journal of Applied Physiology, 2020, 120, 2233-2245.	1.2	19
34	Regulation of microRNAs in Satellite Cell Renewal, Muscle Function, Sarcopenia and the Role of Exercise. International Journal of Molecular Sciences, 2020, 21, 6732.	1.8	30
35	Safety procedures for exercise testing in the scenario of COVID-19: a position statement of the SocietÃ Italiana Scienze Motorie e Sportive. Sport Sciences for Health, 2020, 16, 601-607.	0.4	13
36	Anthropometric Prediction of DXA-Measured Percentage of Fat Mass in Athletes With Unilateral Lower Limb Amputation. Frontiers in Physiology, 2020, 11, 620040.	1.3	3

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37	Response: Commentary: Neuromuscular and Muscle Metabolic Functions in MELAS Before and After Resistance Training: A Case Study. Frontiers in Physiology, 2020, 11, 337.	1.3	1
38	Towards a Redefinition of Cognitive Frailty. Journal of Alzheimer's Disease, 2020, 76, 831-843.	1.2	27
39	The impact of exercise training on fatigue in patients with chronic obstructive pulmonary disease: a systematic review and meta-analysis. Pulmonology, 2020, 26, 304-313.	1.0	28
40	Timed synchronization of muscle contraction to heartbeat enhances muscle hyperemia. Journal of Applied Physiology, 2020, 128, 805-812.	1.2	7
41	Evidence for improved systemic and local vascular function after longâ€term passive static stretching training of the musculoskeletal system. Journal of Physiology, 2020, 598, 3645-3666.	1.3	25
42	Treating Patients Like Athletes: Sports Science Applied to Parkinson's Disease. Frontiers in Neurology, 2020, 11, 228.	1.1	3
43	The Vascular Side of Chronic Bed Rest: When a Therapeutic Approach Becomes Deleterious. Journal of Clinical Medicine, 2020, 9, 918.	1.0	13
44	Rehabilitation and Biomarkers of Stroke Recovery: Study Protocol for a Randomized Controlled Trial. Frontiers in Neurology, 2020, 11, 618200.	1.1	3
45	Training effects on central and peripheral components of force, in old healthy subjects: the role of central command.. FASEB Journal, 2020, 34, 1-1.	0.2	0
46	Blood Flow And Arterial Stifness In Amputated Subjects.. Medicine and Science in Sports and Exercise, 2020, 52, 904-904.	0.2	0
47	Vascular Dysfunction In The Lower Limbs Of Young Black Males: Evidence From Passive Leg Movement. Medicine and Science in Sports and Exercise, 2020, 52, 14-14.	0.2	0
48	An Indoor Therapeutic Garden for Behavioral Symptoms in Alzheimerâ€™s Disease: A Randomized Controlled Trial. Journal of Alzheimer's Disease, 2019, 71, 813-823.	1.2	23
49	Evidence of Improved Vascular Function in the Arteries of Trained but Not Untrained Limbs After Isolated Knee-Extension Training. Frontiers in Physiology, 2019, 10, 727.	1.3	8
50	Comparison between physical and cognitive treatment in patients with MCI and Alzheimerâ€™s disease. Aging, 2019, 11, 3138-3155.	1.4	33
51	Reply to Drouin and Tschakovsky. Journal of Applied Physiology, 2019, 126, 797-797.	1.2	0
52	Heart and musculoskeletal hemodynamic responses to repetitive bouts of quadriceps static stretching. Journal of Applied Physiology, 2019, 127, 376-384.	1.2	25
53	Neuromuscular and Muscle Metabolic Functions in MELAS Before and After Resistance Training: A Case Study. Frontiers in Physiology, 2019, 10, 503.	1.3	5
54	Skeletal Muscle Fiber Size and Gene Expression in the Oldest-Old With Differing Degrees of Mobility. Frontiers in Physiology, 2019, 10, 313.	1.3	18

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55	The Role of Nitric Oxide on Vascular Dysfunction During Aging and Alzheimerâ€™s Disease. , 2019, , 221-228.		0
56	Non-AÎ²-Dependent Factors Associated with Global Cognitive and Physical Function in Alzheimerâ€™s Disease: A Pilot Multivariate Analysis. Journal of Clinical Medicine, 2019, 8, 224.	1.0	6
57	Commentaries on Viewpoint: â€œMuscle memoryâ€•not mediated by myonuclear number? Secondary analysis of human detraining data. Journal of Applied Physiology, 2019, 127, 1817-1820.	1.2	3
58	Physical Activity in Patients with Chronic Obstructive Pulmonary Disease on Long-Term Oxygen Therapy: A Cross-Sectional Study . International Journal of COPD, 2019, Volume 14, 2815-2823.	0.9	14
59	Cognitive and Vascular effects of Exercise in patients with Alzheimer's Disease. FASEB Journal, 2019, 33, 536.2.	0.2	0
60	Limb Specificity And Near-infrared Spectroscopy Assessment Of Reactive Hyperemia: The Potential Impact Of Oral Capsaicin. Medicine and Science in Sports and Exercise, 2019, 51, 661-661.	0.2	0
61	Effects of Acute Capsaicin on the Central and Peripheral Hemodynamic Response to Passive Leg Movement. Medicine and Science in Sports and Exercise, 2019, 51, 674-674.	0.2	0
62	Does Capsaicin Ingestion Affect Functional Sympatholysis And Vascular Functions?. Medicine and Science in Sports and Exercise, 2019, 51, 490-490.	0.2	1
63	Exercise Training on Locomotion in Patients with Alzheimerâ€™s Disease: A Feasibility Study. Journal of Alzheimer's Disease, 2018, 61, 1599-1609.	1.2	21
64	Skeletal Muscle Function in the Oldest-Old: The Role of Intrinsic and Extrinsic Factors. Exercise and Sport Sciences Reviews, 2018, 46, 188-194.	1.6	31
65	Effects of Two Different Self-Adapted Occlusal Splints on Electromyographic and Force Parameters During Elbow Flexors Isometric Contraction. Journal of Strength and Conditioning Research, 2018, 32, 230-236.	1.0	8
66	Respiratory muscle training positively affects vasomotor response in young healthy women. PLoS ONE, 2018, 13, e0203347.	1.1	10
67	Skeletal Muscle Myopathy in Heart Failure: the Role of Ejection Fraction. Current Cardiology Reports, 2018, 20, 116.	1.3	9
68	Role of Exercise in Vascular Function and Inflammatory Profile in Age-Related Obesity. Journal of Immunology Research, 2018, 2018, 1-9.	0.9	10
69	Muscle cramps: A comparison of the two-leading hypothesis. Journal of Electromyography and Kinesiology, 2018, 41, 89-95.	0.7	21
70	Impact of Nitric Oxide Bioavailability on the Progressive Cerebral and Peripheral Circulatory Impairments During Aging and Alzheimer's Disease. Frontiers in Physiology, 2018, 9, 169.	1.3	38
71	Passive Mobilization-induced Vascular Function. Medicine and Science in Sports and Exercise, 2018, 50, 237.	0.2	0
72	Exercise-induced adaptations in patients with Alzheimerâ€™s disease: the role of circadian scheduling. Sport Sciences for Health, 2018, 14, 227-234.	0.4	4

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73	Respiratory Muscle Training Positively Affects Vasomotor Response in Young Healthy Women. FASEB Journal, 2018, 32, .	0.2	0
74	Passive mobilizationâ€induced vascular function adaptations in bedridden oldestâ€old.. FASEB Journal, 2018, 32, 722.33.	0.2	0
75	Effects of Isolated Muscle Training on Vasomotor Response and Peripheral Blood Flow. FASEB Journal, 2018, 32, 722.15.	0.2	0
76	Indispensably evil! The role of oxygen in nitricâ€oxide dependent endothelial function. FASEB Journal, 2018, 32, 909.9.	0.2	0
77	Correlation between stiffness and electromechanical delay components during muscle contraction and relaxation before and after static stretching. Journal of Electromyography and Kinesiology, 2017, 33, 83-93.	0.7	27
78	Central and peripheral responses to static and dynamic stretch of skeletal muscle: mechano- and metaboreflex implications. Journal of Applied Physiology, 2017, 122, 112-120.	1.2	33
79	Changes in the electromechanical delay components during a fatiguing stimulation in human skeletal muscle: an EMG, MMG and force combined approach. European Journal of Applied Physiology, 2017, 117, 95-107.	1.2	24
80	A Comparison of Lysosomal Enzymes Expression Levels in Peripheral Blood of Mild- and Severe-Alzheimerâ€™s Disease and MCI Patients: Implications for Regenerative Medicine Approaches. International Journal of Molecular Sciences, 2017, 18, 1806.	1.8	36
81	Age-Associated ALU Element Instability in White Blood Cells Is Linked to Lower Survival in Elderly Adults: A Preliminary Cohort Study. PLoS ONE, 2017, 12, e0169628.	1.1	5
82	Single passive leg movement-induced hyperemia: a simple vascular function assessment without a chronotropic response. Journal of Applied Physiology, 2017, 122, 28-37.	1.2	28
83	Comparison between continuous and discontinuous incremental treadmill test to assess velocity at VÌ‡O2max. Journal of Sports Medicine and Physical Fitness, 2017, 57, 1119-1125.	0.4	20
84	Resilience to Alzheimer';s Disease: The Role of Physical Activity. Current Alzheimer Research, 2017, 14, 546-553.	0.7	31
85	Vascular Function And Progression Of Alzheimerâ€™s Disease. Medicine and Science in Sports and Exercise, 2017, 49, 699.	0.2	0
86	The Mechanoreflex and Hemodynamic Response to Passive Leg Movement in Heart Failure. Medicine and Science in Sports and Exercise, 2016, 48, 368-376.	0.2	44
87	Static Passive Stretching Negatively Affects Exercise Endurance Via Reducing Functional Sympatholysis.. Medicine and Science in Sports and Exercise, 2016, 48, 369.	0.2	0
88	Effectiveness of Exercise- and Cognitive-Based Treatments on Salivary Cortisol Levels and Sundowning Syndrome Symptoms in Patients with Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2016, 53, 1631-1640.	1.2	47
89	Age-related changes in skeletal muscle function: the sum of the parts could be greater than the whole. Journal of Applied Physiology, 2016, 121, 1234-1234.	1.2	2
90	Electromechanical delay components during skeletal muscle contraction and relaxation in patients with myotonic dystrophy type 1. Neuromuscular Disorders, 2016, 26, 60-72.	0.3	35

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91	Wearable multisensor and total energy expenditure estimation in young, adult and institutionalized elderly individuals: validation and practical recommendation. Sport Sciences for Health, 2016, 12, 463-470.	0.4	0
92	Changes in Plasma Î²-NGF and Its Receptors Expression on Peripheral BloodÂMonocytes During Alzheimerâ€™s Disease Progression. Journal of Alzheimer's Disease, 2016, 55, 1005-1017.	1.2	15
93	Effects of a 12-week neck muscles training on muscle function and perceived level of muscle soreness in amateur rugby players. Sport Sciences for Health, 2016, 12, 443-452.	0.4	6
94	Acute effects of static stretching on skeletal muscle relaxation at different ankle joint angles. Sport Sciences for Health, 2016, 12, 429-436.	0.4	7
95	Fall-risk factors in hospitalized elderly: the role of adapted physical activity. Sport Sciences for Health, 2016, 12, 471-477.	0.4	3
96	Metabolic And Cognitive Effects Of Physcal Activity In Patients With Alzheimerâ€™s Disease. Medicine and Science in Sports and Exercise, 2016, 48, 711.	0.2	0
97	Heart rate response to different training phases in young female acrosport athletes. Sport Sciences for Health, 2016, 12, 21-26.	0.4	1
98	Possible Predictors of Involuntary Weight Loss in Patients with Alzheimerâ€™s Disease. PLoS ONE, 2016, 11, e0157384.	1.1	21
99	Aging alters muscle reflex control of autonomic cardiovascular responses to rhythmic contractions in humans. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 309, H1479-H1489.	1.5	30
100	In vivo and in vitro evidence that intrinsic upperâ€•and lowerâ€•limb skeletal muscle function is unaffected by ageing and disuse in oldestâ€•old humans. Acta Physiologica, 2015, 215, 58-71.	1.8	57
101	Local Vascular Hemodynamic Response During and After Passive Stretching. Medicine and Science in Sports and Exercise, 2015, 47, 744-745.	0.2	0
102	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. Journal of Electromyography and Kinesiology, 2015, 25, 469-478.	0.7	33
103	Influence of acute passive stretching on the oxygen uptake vs work rate slope during an incremental cycle test. European Journal of Applied Physiology, 2015, 115, 2583-2592.	1.2	6
104	Effects of endurance, circuit, and relaxing training on cardiovascular risk factors in hypertensive elderly patients. Age, 2015, 37, 101.	3.0	16
105	Autonomic responses to exercise: Group III/IV muscle afferents and fatigue. Autonomic Neuroscience: Basic and Clinical, 2015, 188, 19-23.	1.4	134
106	Electromechanical delay components during relaxation after voluntary contraction: reliability and effects of fatigue. Muscle and Nerve, 2015, 51, 907-915.	1.0	24
107	The validity of anthropometric leg muscle volume estimation across a wide spectrum: From able-bodied adults to individuals with a spinal cord injury. Journal of Applied Physiology, 2014, 116, 1142-1147.	1.2	44
108	The role of active muscle mass in determining the magnitude of peripheral fatigue during dynamic exercise. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2014, 306, R934-R940.	0.9	61

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109	Cellular aging of skeletal muscle: telomeric and free radical evidence that physical inactivity is responsible and not age. Clinical Science, 2014, 127, 415-421.	1.8	39
110	Passive leg movementâ€induced hyperaemia with a spinal cord lesion: evidence of preserved vascular function. Acta Physiologica, 2014, 210, 429-439.	1.8	34
111	Group III/IV muscle afferents impair limb blood in patients with chronic heart failure. International Journal of Cardiology, 2014, 174, 368-375.	0.8	75
112	Spinal Î¼â€opioid receptorâ€sensitive lower limb muscle afferents determine corticospinal responsiveness and promote central fatigue in upper limb muscle. Journal of Physiology, 2014, 592, 5011-5024.	1.3	94
113	The Role Of Muscle Mass In Determining The Magnitude Of Peripheral Fatigue During Dynamic Exercise. Medicine and Science in Sports and Exercise, 2014, 46, 7-8.	0.2	0
114	Flow Mediated Vasodilation And Limb Disuse Following A Spinal Cord Injury. Medicine and Science in Sports and Exercise, 2014, 46, 667.	0.2	0
115	Limitations to exercise in female centenarians: evidence that muscular efficiency tempers the impact of failing lungs. Age, 2013, 35, 861-870.	3.0	22
116	Peripheral fatigue limits endurance exercise via a sensory feedback-mediated reduction in spinal motoneuronal output. Journal of Applied Physiology, 2013, 115, 355-364.	1.2	159
117	Point: Skeletal muscle mechanical efficiency does increase with age. Journal of Applied Physiology, 2013, 114, 1108-1109.	1.2	9
118	Last Word on Point: Skeletal muscle mechanical efficiency does increase with age. Journal of Applied Physiology, 2013, 114, 1119-1119.	1.2	1
119	Sundowning Syndrome and Hypothalamicâ€“Pituitaryâ€“Adrenal Axis Dysregulation in Individuals with Alzheimer's Disease: Is There an Association?. Journal of the American Geriatrics Society, 2013, 61, 2055-2056.	1.3	10
120	Group III/IV muscle afferents impair limb blood flow during exercise in patients with heart failure. FASEB Journal, 2013, 27, 699.4.	0.2	0
121	Limb Movementâ€induced Central and Peripheral Hemodynamics in Heart Failure: The Role of Afferent Feedback. FASEB Journal, 2013, 27, 943.21.	0.2	0
122	Central and peripheral hemodynamic responses to passive limb movement: the role of arousal. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 302, H333-H339.	1.5	21
123	Muscle mass and peripheral fatigue: a potential role for afferent feedback?. Acta Physiologica, 2012, 206, 242-250.	1.8	62
124	The role of exercise capacity in the health and longevity of centenarians. Maturitas, 2012, 73, 115-120.	1.0	34
125	From Alzheimer's Disease Retrogenesis. American Journal of Alzheimer's Disease and Other Dementias, 2012, 27, 483-489.	0.9	14
126	Six-Month Walking Program Changes Cognitive and ADL Performance in Patients With Alzheimer. American Journal of Alzheimer's Disease and Other Dementias, 2011, 26, 381-388.	0.9	204

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127	Central And Peripheral Hemodynamic Contributions To Movement-induced Hyperemia: Impact Of Body Position. Medicine and Science in Sports and Exercise, 2011, 43, 652.	0.2	0
128	Injury risk factors in young soccer players detected by a multivariate survival model. Journal of Science and Medicine in Sport, 2011, 14, 293-298.	0.6	39
129	Impact of body position on central and peripheral hemodynamic contributions to movement-induced hyperemia: implications for rehabilitative medicine. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 300, H1885-H1891.	1.5	33
130	Central And Peripheral Hemodynamic Responses To Passive-limb Movement: The Role Of Central Command. Medicine and Science in Sports and Exercise, 2011, 43, 651-652.	0.2	0
131	Efficiency of Knee Extension Exercise: Oxygen Uptake In Dominant and Not-dominant Leg. Medicine and Science in Sports and Exercise, 2010, 42, 632.	0.2	0
132	Positive Effects of Physical Training in Activity of Daily Livingâ€“Dependent Older Adults. Experimental Aging Research, 2010, 36, 190-205.	0.6	57
133	Sprint Training in Preadolescent Soccer Players. International Journal of Sports Physiology and Performance, 2008, 3, 558-562.	1.1	40
134	Aerobic vs Circuit-Training Exercise Program In Older Adults With Stage 1 Of Hypertension. Medicine and Science in Sports and Exercise, 2008, 40, S369.	0.2	0