

Nicola A Maffiuletti

List of Publications by Year in descending order

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240
papers

12,406
citations

25423

59
h-index

37326

100
g-index

241
all docs

241
docs citations

241
times ranked

10045
citing authors

#	ARTICLE	IF	CITATIONS
1	Maximal vs. explosive knee extensor strength in professional soccer players: interlimb asymmetries and relationship with knee function. <i>European Journal of Sport Science</i> , 2023, 23, 877-884.	1.4	4
2	Home-Based Nonoperative-Side Quadriceps Neuromuscular Electrical Stimulation Prevents Muscle Weakness Following Anterior Cruciate Ligament Reconstruction. <i>Journal of Clinical Medicine</i> , 2022, 11, 466.	1.0	0
3	Mid-term outcomes of exercise therapy for the non-surgical management of femoroacetabular impingement syndrome: are short-term effects persisting?. <i>Physical Therapy in Sport</i> , 2022, 55, 168-175.	0.8	5
4	Effectiveness of Hip Arthroscopy on Treatment of Femoroacetabular Impingement Syndrome: A Meta-Analysis of Randomized Controlled Trials. <i>Arthritis Care and Research</i> , 2021, 73, 1140-1145.	1.5	15
5	Impact of COVID-19 Lockdown on Serie A Soccer Players' Physical Qualities. <i>International Journal of Sports Medicine</i> , 2021, 42, 917-923.	0.8	39
6	Effects of neuromuscular electrical stimulation therapy on physical function in patients with COVID-19 associated pneumonia: Study protocol of a randomized controlled trial. <i>Contemporary Clinical Trials Communications</i> , 2021, 21, 100742.	0.5	3
7	Daily 30-min exposure to artificial gravity during 60 days of bed rest does not maintain aerobic exercise capacity but mitigates some deteriorations of muscle function: results from the AGBRESA RCT. <i>European Journal of Applied Physiology</i> , 2021, 121, 2015-2026.	1.2	14
8	Differences in soleus H-reflex to M-wave ratio between obese and non-obese individuals. <i>Clinical Biomechanics</i> , 2021, 84, 105322.	0.5	1
9	Enhancing Adaptations to Neuromuscular Electrical Stimulation Training Interventions. <i>Exercise and Sport Sciences Reviews</i> , 2021, 49, 244-252.	1.6	22
10	Influence of wide-pulse neuromuscular electrical stimulation frequency and superimposed tendon vibration on occurrence and magnitude of extra torque. <i>Journal of Applied Physiology</i> , 2021, 131, 302-312.	1.2	9
11	Rate of Force Development as an Indicator of Neuromuscular Fatigue: A Scoping Review. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 701916.	1.0	28
12	Should We Use Unilateral or Bilateral Tasks to Assess Maximal and Explosive Knee Extensor Strength in Patients with Knee Osteoarthritis? A Cross-Sectional Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 4353.	1.0	2
13	Impact of rocker sole footwear on plantar pressure distribution during standing and walking in adult obese women. <i>Disability and Rehabilitation</i> , 2020, 42, 927-930.	0.9	5
14	Hip muscle weakness in patients with hip osteoarthritis: Sex-specific differences and associations with hip morphology and symptoms. <i>Joint Bone Spine</i> , 2020, 87, 265-266.	0.8	1
15	Evaluation of an examination chair to quantify the hip internal rotation angle. <i>HIP International</i> , 2020, 30, 581-586.	0.9	0
16	Infographic. Effectiveness of multicomponent lower extremity injury prevention programmes in team-sport athletes: an umbrella review. <i>British Journal of Sports Medicine</i> , 2020, 54, 815-816.	3.1	17
17	Lifelong Endurance Exercise as a Countermeasure Against Age-Related $\dot{V}_{O_{2\max}}$ Decline: Physiological Overview and Insights from Masters Athletes. <i>Sports Medicine</i> , 2020, 50, 703-716.	3.1	35
18	A Survey on the Use and Barriers of Surface Electromyography in Neurorehabilitation. <i>Frontiers in Neurology</i> , 2020, 11, 573616.	1.1	14

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19	Architectural Changes in Superficial and Deep Compartments of the Tibialis Anterior During Electrical Stimulation Over Different Sites. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2020, 28, 2557-2565.	2.7	4
20	Strength, Jumping and Change of Direction Speed Asymmetries in Soccer, Basketball and Tennis Players. <i>Symmetry</i> , 2020, 12, 1664.	1.1	20
21	Early vs. late rate of torque development: Relation with maximal strength and influencing factors. <i>Journal of Electromyography and Kinesiology</i> , 2020, 55, 102486.	0.7	24
22	Discriminant validity and reproducibility of spatiotemporal and kinetic parameters during treadmill walking in patients with knee osteoarthritis. <i>Gait and Posture</i> , 2020, 80, 77-79.	0.6	6
23	Factors influencing bilateral deficit and inter-limb asymmetry of maximal and explosive strength: motor task, outcome measure and muscle group. <i>European Journal of Applied Physiology</i> , 2020, 120, 1681-1688.	1.2	26
24	Impact of Potential Physiological Changes due to COVID-19 Home Confinement on Athlete Health Protection in Elite Sports: a Call for Awareness in Sports Programming. <i>Sports Medicine</i> , 2020, 50, 1417-1419.	3.1	120
25	Time to Differentiate Postactivation "Potentiation" from "Performance Enhancement" in the Strength and Conditioning Community. <i>Sports Medicine</i> , 2020, 50, 1559-1565.	3.1	64
26	Field-based evaluation of hip adductor and abductor strength in professional male ice hockey players: Reference values and influencing factors. <i>Physical Therapy in Sport</i> , 2020, 43, 204-209.	0.8	13
27	Hip muscle strength asymmetries and their associations with hip morphology and symptoms are sex-specific in patients with femoroacetabular impingement syndrome. <i>Physical Therapy in Sport</i> , 2020, 42, 131-138.	0.8	10
28	Shoulder Muscle Strength and Neuromuscular Activation 2 Years after Reverse Shoulder Prosthesis" An Experimental Case Control Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 365.	1.0	6
29	Faiblesse musculaire de la hanche chez les patients atteints de coxarthrose: différences spécifiques au sexe et associations avec la morphologie de la hanche et les symptômes. <i>Revue Du Rhumatisme (Edition) Tj ETQq 1o1o.7843o4 rgBT</i>		
30	Obesity-associated poor muscle quality: prevalence and association with age, sex, and body mass index. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 200.	0.8	33
31	Exercise Therapy for the Management of Femoroacetabular Impingement Syndrome: Preliminary Results of Clinical Responsiveness. <i>Arthritis Care and Research</i> , 2019, 71, 1074-1083.	1.5	25
32	Neuromuscular Electrical Stimulation as a Potential Countermeasure for Skeletal Muscle Atrophy and Weakness During Human Spaceflight. <i>Frontiers in Physiology</i> , 2019, 10, 1031.	1.3	30
33	The sub 6-h project. <i>Age and Ageing</i> , 2019, 48, 928-929.	0.7	0
34	Quadriceps Neuromuscular Impairments after Arthroscopic Knee Surgery: Comparison between Procedures. <i>Journal of Clinical Medicine</i> , 2019, 8, 1881.	1.0	6
35	Last Word on Viewpoint: Even more recipes to try, yet know what to put in the pan, as well as when and why. <i>Journal of Applied Physiology</i> , 2019, 127, 892-892.	1.2	0
36	Foot rotation influences the activity of medial and lateral hamstrings during conventional rehabilitation exercises in patients following anterior cruciate ligament reconstruction. <i>Physical Therapy in Sport</i> , 2019, 39, 69-75.	0.8	6

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37	Distinct modalities of eccentric exercise: different recipes, not the same dish. <i>Journal of Applied Physiology</i> , 2019, 127, 881-883.	1.2	20
38	From "De Motu Animalium" (1680) to "De Velocitate Neuronae Motorium" (2019): towards a better understanding of how the nervous system drives muscles. <i>Journal of Physiology</i> , 2019, 597, 2327-2328.	1.3	0
39	Somatosensory Electrical Stimulation Does Not Improve Motor Coordination in Patients with Unilateral Knee Osteoarthritis. <i>Journal of Clinical Medicine</i> , 2019, 8, 259.	1.0	0
40	Effect of milking stall dimensions on upper limb and shoulder muscle activity in milkers. <i>Journal of Dairy Science</i> , 2019, 102, 4563-4576.	1.4	2
41	Neuromuscular adaptations to wide-pulse high-frequency neuromuscular electrical stimulation training. <i>European Journal of Applied Physiology</i> , 2019, 119, 1105-1116.	1.2	10
42	Contralateral effect of short-duration unilateral neuromuscular electrical stimulation and focal vibration in healthy subjects. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2019, 54, 911-920.	1.1	6
43	Effectiveness of multicomponent lower extremity injury prevention programmes in team-sport athletes: an umbrella review. <i>British Journal of Sports Medicine</i> , 2019, 53, 282-288.	3.1	56
44	Peripheral Muscle Function During Repeated Changes of Direction in Basketball. <i>International Journal of Sports Physiology and Performance</i> , 2019, 14, 739-746.	1.1	14
45	Effect of neuromuscular electrical stimulation frequency on postprandial glycemia, current-related discomfort, and muscle soreness. A crossover study. <i>Applied Physiology, Nutrition and Metabolism</i> , 2019, 44, 834-839.	0.9	4
46	Deficits in rate of torque development are accompanied by activation failure in patients with knee osteoarthritis. <i>Journal of Electromyography and Kinesiology</i> , 2019, 44, 94-100.	0.7	7
47	Knee extensor and flexor strength before and after anterior cruciate ligament reconstruction in a large sample of patients: influence of graft type. <i>Physician and Sportsmedicine</i> , 2019, 47, 85-90.	1.0	26
48	Explosive and maximal strength before and 6 months after total hip arthroplasty. <i>Journal of Orthopaedic Research</i> , 2018, 36, 425-431.	1.2	15
49	Relationship between skeletal muscle contractile properties and power production capacity in female Olympic rugby players. <i>European Journal of Sport Science</i> , 2018, 18, 677-684.	1.4	17
50	Clinical Use of Neuromuscular Electrical Stimulation for Neuromuscular Rehabilitation: What Are We Overlooking?. <i>Archives of Physical Medicine and Rehabilitation</i> , 2018, 99, 806-812.	0.5	88
51	Clinical Rating of Movement-Pattern Quality in Patients With Femoroacetabular Impingement Syndrome: A Methodological Study. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2018, 48, 260-269.	1.7	8
52	Differences in trunk and thigh muscle strength, endurance and thickness between elite sailors and non-sailors. <i>Sports Biomechanics</i> , 2018, 17, 216-226.	0.8	5
53	The FADIR test accuracy for screening cam and pincer morphology in youth ice hockey players. <i>Journal of Science and Medicine in Sport</i> , 2018, 21, 134-138.	0.6	28
54	Reproducibility and validity of the Italian version of the International Physical Activity Questionnaire in obese and diabetic patients. <i>Journal of Endocrinological Investigation</i> , 2018, 41, 343-349.	1.8	22

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55	What treatment options exist for patients with femoroacetabular impingement syndrome but without surgical indication?. <i>British Journal of Sports Medicine</i> , 2018, 52, 552-553.	3.1	10
56	Effects of neuromuscular electrical stimulation on contralateral quadriceps function. <i>Journal of Electromyography and Kinesiology</i> , 2018, 38, 111-118.	0.7	17
57	Short vs. long pulses for testing knee extensor neuromuscular properties: does it matter?. <i>European Journal of Applied Physiology</i> , 2018, 118, 361-369.	1.2	5
58	Somatosensory electrical stimulation improves skill acquisition, consolidation, and transfer by increasing sensorimotor activity and connectivity. <i>Journal of Neurophysiology</i> , 2018, 120, 281-290.	0.9	31
59	Postactivation Potentiation of the Plantar Flexors Does Not Directly Translate to Jump Performance in Female Elite Young Soccer Players. <i>Frontiers in Physiology</i> , 2018, 9, 276.	1.3	15
60	Short-term functional advantages after medial unicompartmental versus total knee arthroplasty. <i>Knee</i> , 2018, 25, 638-643.	0.8	24
61	Contralateral limb deficit after ACL-reconstruction: an analysis of early and late phase of rate of force development. <i>Journal of Sports Sciences</i> , 2017, 35, 435-440.	1.0	56
62	Plantar flexor muscle weakness and fatigue in spastic cerebral palsy patients. <i>Research in Developmental Disabilities</i> , 2017, 61, 66-76.	1.2	27
63	Lower working heights decrease contraction intensity of shoulder muscles in a herringbone 30° milking parlor. <i>Journal of Dairy Science</i> , 2017, 100, 4914-4925.	1.4	6
64	Validity and reliability of a novel instrumented one-legged hop test in patients with knee injuries. <i>Knee</i> , 2017, 24, 237-242.	0.8	5
65	Vastus medialis and lateralis activity during voluntary and stimulated contractions. <i>Muscle and Nerve</i> , 2017, 56, 968-974.	1.0	8
66	Specific brain activation patterns associated with two neuromuscular electrical stimulation protocols. <i>Scientific Reports</i> , 2017, 7, 2742.	1.6	29
67	Reproducibility of clinician-friendly physical performance measures in individuals with obesity. <i>Journal of Rehabilitation Medicine</i> , 2017, 49, 677-681.	0.8	3
68	Acute Feasibility of Neuromuscular Electrical Stimulation in Severely Obese Patients with Obstructive Sleep Apnea Syndrome: A Pilot Study. <i>BioMed Research International</i> , 2017, 2017, 1-7.	0.9	1
69	Using the Hephaistos orthotic device to study countermeasure effectiveness of neuromuscular electrical stimulation and dietary lupin protein supplementation, a randomised controlled trial. <i>PLoS ONE</i> , 2017, 12, e0171562.	1.1	6
70	Motor Skill Acquisition and Retention after Somatosensory Electrical Stimulation in Healthy Humans. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 115.	1.0	16
71	Effects of Neuromuscular Electrical Stimulation Training on Endurance Performance. <i>Frontiers in Physiology</i> , 2016, 7, 544.	1.3	39
72	Neuromuscular Electrical Stimulation Therapy to Restore Quadriceps Muscle Function in Patients After Orthopaedic Surgery. <i>Journal of Bone and Joint Surgery - Series A</i> , 2016, 98, 2017-2024.	1.4	40

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73	It's time to regulate the use of whole body electrical stimulation. <i>BMJ</i> , The, 2016, 352, i1693.	3.0	23
74	Rate of force development: physiological and methodological considerations. <i>European Journal of Applied Physiology</i> , 2016, 116, 1091-1116.	1.2	803
75	Reply. <i>PM and R</i> , 2016, 8, 392-393.	0.9	0
76	Prevalence and Functional Consequences of Femoroacetabular Impingement in Young Male Ice Hockey Players. <i>American Journal of Sports Medicine</i> , 2016, 44, 46-53.	1.9	40
77	The management of symptomatic femoroacetabular impingement: what is the rationale for non-surgical treatment?. <i>British Journal of Sports Medicine</i> , 2016, 50, 511-512.	3.1	26
78	Validity of the twitch interpolation technique for the assessment of quadriceps neuromuscular asymmetries. <i>Journal of Electromyography and Kinesiology</i> , 2016, 28, 31-36.	0.7	9
79	Reproducibility of gait parameters at different surface inclinations and speeds using an instrumented treadmill system. <i>Gait and Posture</i> , 2016, 44, 259-264.	0.6	28
80	Ultrasound-Based Detection of Low Muscle Mass for Diagnosis of Sarcopenia in Older Adults. <i>PM and R</i> , 2016, 8, 453-462.	0.9	85
81	Skinfold Thickness Affects The Physiological Response To Neuromuscular Electrical Stimulation. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 403.	0.2	0
82	Soleus and lateral gastrocnemius H-reflexes during standing with unstable footwear. <i>Muscle and Nerve</i> , 2015, 51, 764-766.	1.0	5
83	Assessment of quadriceps muscle inactivation with a new electrical stimulation paradigm. <i>Muscle and Nerve</i> , 2015, 51, 117-124.	1.0	5
84	Twitch potentiation induced by two different modalities of neuromuscular electrical stimulation: Implications for motor unit recruitment. <i>Muscle and Nerve</i> , 2015, 51, 412-418.	1.0	15
85	Skinfold thickness affects the isometric knee extension torque evoked by Neuromuscular Electrical Stimulation. <i>Brazilian Journal of Physical Therapy</i> , 2015, 19, 466-472.	1.1	21
86	Responders to Wide-Pulse, High-Frequency Neuromuscular Electrical Stimulation Show Reduced Metabolic Demand: A 31P-MRS Study in Humans. <i>PLoS ONE</i> , 2015, 10, e0143972.	1.1	20
87	Extra Forces induced by wide-pulse, high-frequency electrical stimulation: Occurrence, magnitude, variability and underlying mechanisms. <i>Clinical Neurophysiology</i> , 2015, 126, 1400-1412.	0.7	42
88	Effect of vibration frequency on agonist and antagonist arm muscle activity. <i>European Journal of Applied Physiology</i> , 2015, 115, 1305-1312.	1.2	5
89	Comparison of electrical nerve stimulation, electrical muscle stimulation and magnetic nerve stimulation to assess the neuromuscular function of the plantar flexor muscles. <i>European Journal of Applied Physiology</i> , 2015, 115, 1429-1439.	1.2	14
90	Acute Effects of Multipath Electrical Stimulation in Patients With Total Knee Arthroplasty. <i>Archives of Physical Medicine and Rehabilitation</i> , 2015, 96, 498-504.	0.5	15

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91	Return to sport after hip surgery for femoroacetabular impingement: a systematic review. <i>British Journal of Sports Medicine</i> , 2015, 49, 819-824.	3.1	132
92	The Application of Neuromuscular Electrical Stimulation Training in Various Non-neurologic Patient Populations: A Narrative Review. <i>PM and R</i> , 2015, 7, 1167-1178.	0.9	16
93	Biomechanical jumping differences among elite female handball players with and without previous anterior cruciate ligament reconstruction: a novel inertial sensor unit study. <i>Sports Biomechanics</i> , 2015, 14, 323-339.	0.8	15
94	Direct and crossed effects of somatosensory electrical stimulation on motor learning and neuronal plasticity in humans. <i>European Journal of Applied Physiology</i> , 2015, 115, 2505-2519.	1.2	28
95	Reproducibility and Validity of the Physical Activity Scale for the Elderly (PASE) Questionnaire in Patients After Total Hip Arthroplasty. <i>Physical Therapy</i> , 2015, 95, 86-94.	1.1	16
96	Rehabilitation and return to sport after bilateral open surgery for femoroacetabular impingement in a professional ice hockey player: A case report. <i>Physical Therapy in Sport</i> , 2015, 16, 193-201.	0.8	10
97	High-Intensity Physical Training in the Treatment of Chronic Diseases and Disorders. <i>BioMed Research International</i> , 2014, 2014, 1-1.	0.9	1
98	Wide-pulse-high-frequency neuromuscular stimulation of triceps surae induces greater muscle fatigue compared with conventional stimulation. <i>Journal of Applied Physiology</i> , 2014, 116, 1281-1289.	1.2	39
99	Hip Muscle Strength Recovery after Hip Arthroscopy in a Series of Patients with Symptomatic Femoroacetabular Impingement. <i>HIP International</i> , 2014, 24, 387-393.	0.9	25
100	The Influence of Preset Frequency, Loading Condition, and Exercise Type on the Mechanical Behavior of a Novel Vibratory Bar. <i>Journal of Strength and Conditioning Research</i> , 2014, 28, 982-989.	1.0	1
101	Actions of β_2 -Adrenoceptor Agonist Drug on Neuromuscular Function after Fatigue. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 247-256.	0.2	5
102	Validity and reproducibility of the Physical Activity Scale for the Elderly (PASE) questionnaire for the measurement of the physical activity level in patients after total knee arthroplasty. <i>BMC Musculoskeletal Disorders</i> , 2014, 15, 46.	0.8	32
103	A new paradigm of neuromuscular electrical stimulation for the quadriceps femoris muscle. <i>European Journal of Applied Physiology</i> , 2014, 114, 1197-1205.	1.2	34
104	Assessment of quadriceps muscle weakness in patients after total knee arthroplasty and total hip arthroplasty: Methodological issues. <i>Journal of Electromyography and Kinesiology</i> , 2014, 24, 285-291.	0.7	17
105	Assessment of the rate of force development scaling factor for the hip muscles. <i>Muscle and Nerve</i> , 2014, 50, 932-938.	1.0	26
106	Validity of resting myotonometric assessment of lower extremity muscles in chronic stroke patients with limited hypertonia: A preliminary study. <i>Journal of Electromyography and Kinesiology</i> , 2014, 24, 762-769.	0.7	67
107	Direct and crossed effects of somatosensory stimulation on neuronal excitability and motor performance in humans. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 47, 22-35.	2.9	62
108	Muscle motor point identification is essential for optimizing neuromuscular electrical stimulation use. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2014, 11, 17.	2.4	145

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109	Validity of trunk extensor and flexor torque measurements using isokinetic dynamometry. <i>Journal of Electromyography and Kinesiology</i> , 2014, 24, 986-993.	0.7	57
110	Differences in proprioception, muscle force control and comfort between conventional and new-generation knee and ankle orthoses. <i>Journal of Electromyography and Kinesiology</i> , 2014, 24, 437-444.	0.7	4
111	Clinical Assessment of Spatiotemporal Gait Parameters in Patients and Older Adults. <i>Journal of Visualized Experiments</i> , 2014, , e51878.	0.2	3
112	The Impact of Obesity on In Vivo Human Skeletal Muscle Function. <i>Current Obesity Reports</i> , 2013, 2, 251-260.	3.5	52
113	Differences in gait characteristics between total hip, knee, and ankle arthroplasty patients: a six-month postoperative comparison. <i>BMC Musculoskeletal Disorders</i> , 2013, 14, 176.	0.8	34
114	Neuromuscular electrical stimulation for preventing skeletal-muscle weakness and wasting in critically ill patients: a systematic review. <i>BMC Medicine</i> , 2013, 11, 137.	2.3	134
115	Neuromuscular fatigue induced by whole-body vibration exercise. <i>European Journal of Applied Physiology</i> , 2013, 113, 1625-1634.	1.2	17
116	Massage and stretching reduce spinal reflex excitability without affecting twitch contractile properties. <i>Journal of Electromyography and Kinesiology</i> , 2013, 23, 1215-1221.	0.7	69
117	Validity of the Optogait photoelectric system for the assessment of spatiotemporal gait parameters. <i>Medical Engineering and Physics</i> , 2013, 35, 500-504.	0.8	133
118	Validity and reliability of isometric, isokinetic and isoinertial modalities for the assessment of quadriceps muscle strength in patients with total knee arthroplasty. <i>Journal of Electromyography and Kinesiology</i> , 2013, 23, 1283-1288.	0.7	44
119	Neuromuscular Adaptations to Isoload versus Isokinetic Eccentric Resistance Training. <i>Medicine and Science in Sports and Exercise</i> , 2013, 45, 326-335.	0.2	52
120	Effects of a Short Proprioceptive Neuromuscular Facilitation Stretching Bout on Quadriceps Neuromuscular Function, Flexibility, and Vertical Jump Performance. <i>Journal of Strength and Conditioning Research</i> , 2013, 27, 463-470.	1.0	16
121	M-wave, H- and V-Reflex Recruitment Curves During Maximal Voluntary Contraction. <i>Journal of Clinical Neurophysiology</i> , 2013, 30, 415-421.	0.9	28
122	Twitch and M-wave potentiation induced by intermittent maximal voluntary quadriceps contractions: Differences between direct quadriceps and femoral nerve stimulation. <i>Muscle and Nerve</i> , 2013, 48, 920-929.	1.0	12
123	Spatial distribution of motor units recruited during electrical stimulation of the quadriceps muscle versus the femoral nerve. <i>Muscle and Nerve</i> , 2013, 48, 752-761.	1.0	19
124	Comparison of neuromuscular adjustments associated with sustained isometric contractions of four different muscle groups. <i>Journal of Applied Physiology</i> , 2013, 114, 1426-1434.	1.2	40
125	Actions of β^2 -Adrenoceptor Agonist Drug on Human Soleus Muscle Contraction. <i>Medicine and Science in Sports and Exercise</i> , 2013, 45, 1252-1260.	0.2	10
126	Differences in Climbing-Specific Strength Between Boulder and Lead Rock Climbers. <i>Journal of Strength and Conditioning Research</i> , 2013, 27, 310-314.	1.0	58

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127	Mechanisms of Fatigue and Task Failure Induced By Sustained Submaximal Contractions. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 1243-1251.	0.2	39
128	Increased lower limb muscle activity induced by wearing MBT shoes: physiological benefits and potential concerns. <i>Footwear Science</i> , 2012, 4, 123-129.	0.8	7
129	Knee extension strength in obese and nonobese male adolescents. <i>Applied Physiology, Nutrition and Metabolism</i> , 2012, 37, 269-275.	0.9	63
130	Unstable Shoes Increase Energy Expenditure of Obese Patients. <i>American Journal of Medicine</i> , 2012, 125, 513-516.	0.6	11
131	Validity of the Intelligent Device for Energy Expenditure and Activity Accelerometry System for Quantitative Gait Analysis in Patients With Hip Osteoarthritis. <i>Archives of Physical Medicine and Rehabilitation</i> , 2012, 93, 2090-2093.	0.5	18
132	Muscular and mental fatigue in surgeons. <i>Annals of the Royal College of Surgeons of England</i> , 2012, 94, 67-67.	0.3	1
133	Hip flexor muscle fatigue in patients with symptomatic femoroacetabular impingement. <i>International Orthopaedics</i> , 2012, 36, 967-973.	0.9	25
134	Comparison in muscle damage between maximal voluntary and electrically evoked isometric contractions of the elbow flexors. <i>European Journal of Applied Physiology</i> , 2012, 112, 429-438.	1.2	35
135	Fat tissue alters quadriceps response to femoral nerve magnetic stimulation. <i>Clinical Neurophysiology</i> , 2011, 122, 842-847.	0.7	25
136	Can muscle size fully account for strength differences between children and adults?. <i>Journal of Applied Physiology</i> , 2011, 110, 1748-1749.	1.2	20
137	Validity and Reliability of Optojump Photoelectric Cells for Estimating Vertical Jump Height. <i>Journal of Strength and Conditioning Research</i> , 2011, 25, 556-560.	1.0	400
138	Effect of Electromyostimulation Training on Muscle Strength and Sports Performance. <i>Strength and Conditioning Journal</i> , 2011, 33, 70-75.	0.7	29
139	Age and Gender Interactions in Ultraendurance Performance. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 134-139.	0.2	99
140	Hip muscle weakness in patients with symptomatic femoroacetabular impingement. <i>Osteoarthritis and Cartilage</i> , 2011, 19, 816-821.	0.6	211
141	Neural adaptations to electrical stimulation strength training. <i>European Journal of Applied Physiology</i> , 2011, 111, 2439-2449.	1.2	114
142	Atlas of the muscle motor points for the lower limb: implications for electrical stimulation procedures and electrode positioning. <i>European Journal of Applied Physiology</i> , 2011, 111, 2461-2471.	1.2	183
143	Does electrical stimulation enhance post-exercise performance recovery?. <i>European Journal of Applied Physiology</i> , 2011, 111, 2501-2507.	1.2	61
144	Electrical stimulation for neuromuscular testing and training: state-of-the art and unresolved issues. <i>European Journal of Applied Physiology</i> , 2011, 111, 2391-2397.	1.2	121

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145	Effect of gender and obesity on electrical current thresholds. <i>Muscle and Nerve</i> , 2011, 44, 202-207.	1.0	43
146	Neuromuscular electrical stimulation training induces atypical adaptations of the human skeletal muscle phenotype: a functional and proteomic analysis. <i>Journal of Applied Physiology</i> , 2011, 110, 433-450.	1.2	114
147	Last Word on Viewpoint: Can muscle size fully account for strength differences between children and adults?. <i>Journal of Applied Physiology</i> , 2011, 110, 1754-1754.	1.2	0
148	Contractile Impairment After Quadriceps Strength Training Via Electrical Stimulation. <i>Journal of Strength and Conditioning Research</i> , 2010, 24, 458-464.	1.0	11
149	Validity and Reliability of the Myotest Accelerometric System for the Assessment of Vertical Jump Height. <i>Journal of Strength and Conditioning Research</i> , 2010, 24, 3186-3193.	1.0	122
150	Five-year results of the Innex total knee arthroplasty system. <i>International Orthopaedics</i> , 2010, 34, 1159-1165.	0.9	12
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