

Eloisa Limonta

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

1,254
citations

331670

21
h-index

454955

30
g-index

73
all docs

73
docs citations

73
times ranked

1339
citing authors

#	ARTICLE	IF	CITATIONS
1	Energetics of karate (kata and kumite techniques) in top-level athletes. <i>European Journal of Applied Physiology</i> , 2009, 107, 603-610.	2.5	78
2	Passive stretching effects on electromechanical delay and time course of recovery in human skeletal muscle: new insights from an electromyographic and mechanomyographic combined approach. <i>European Journal of Applied Physiology</i> , 2011, 111, 485-495.	2.5	74
3	Effects of temperature and fatigue on the electromechanical delay components. <i>Muscle and Nerve</i> , 2013, 47, 566-576.	2.2	62
4	Specific Adaptations in Performance and Muscle Architecture After Weighted Jump-Squat vs. Body Mass Squat Jump Training in Recreational Soccer Players. <i>Journal of Strength and Conditioning Research</i> , 2018, 32, 921-929.	2.1	48
5	Effectiveness of Exercise- and Cognitive-Based Treatments on Salivary Cortisol Levels and Sundowning Syndrome Symptoms in Patients with Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 53, 1631-1640.	2.6	47
6	Effects of fatigue on the electromechanical delay components in gastrocnemius medialis muscle. <i>European Journal of Applied Physiology</i> , 2014, 114, 639-651.	2.5	35
7	Electromechanical delay components during skeletal muscle contraction and relaxation in patients with myotonic dystrophy type 1. <i>Neuromuscular Disorders</i> , 2016, 26, 60-72.	0.6	35
8	Time course of stretching-induced changes in mechanomyogram and force characteristics. <i>Journal of Electromyography and Kinesiology</i> , 2011, 21, 795-802.	1.7	34
9	Peripheral fatigue: new mechanistic insights from recent technologies. <i>European Journal of Applied Physiology</i> , 2020, 120, 17-39.	2.5	34
10	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, 469-478.	1.7	33
11	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.	2.5	33
12	Tridimensional kinematic analysis on a kayaking simulator: key factors to successful performance. <i>Sport Sciences for Health</i> , 2010, 6, 27-34.	1.3	30
13	Electrical and mechanical response of finger flexor muscles during voluntary isometric contractions in elite rock-climbers. <i>European Journal of Applied Physiology</i> , 2009, 105, 81-92.	2.5	29
14	The effects of 12 weeks of static stretch training on the functional, mechanical, and architectural characteristics of the triceps surae muscle-tendon complex. <i>European Journal of Applied Physiology</i> , 2021, 121, 1743-1758.	2.5	28
15	Effect of respiratory muscle training on maximum aerobic power in normoxia and hypoxia. <i>Respiratory Physiology and Neurobiology</i> , 2010, 170, 268-272.	1.6	27
16	Fatigue effects on the electromechanical delay components during the relaxation phase after isometric contraction. <i>Acta Physiologica</i> , 2014, 211, 82-96.	3.8	27
17	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.	1.7	27
18	Mechanomyogram amplitude correlates with human gastrocnemius medialis muscle and tendon stiffness both before and after acute passive stretching. <i>Experimental Physiology</i> , 2014, 99, 1359-1369.	2.0	26

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19	Heart and musculoskeletal hemodynamic responses to repetitive bouts of quadriceps static stretching. <i>Journal of Applied Physiology</i> , 2019, 127, 376-384.	2.5	25
20	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.	2.9	25
21	Torque and mechanomyogram correlations during muscle relaxation: Effects of fatigue and time-course of recovery. <i>Journal of Electromyography and Kinesiology</i> , 2013, 23, 1295-1303.	1.7	24
22	Electromechanical delay components during relaxation after voluntary contraction: reliability and effects of fatigue. <i>Muscle and Nerve</i> , 2015, 51, 907-915.	2.2	24
23	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.	2.5	24
24	Ultrasound and Laser as Stand-Alone Therapies for Myofascial Trigger Points: A Randomized, Double-Blind, Placebo-Controlled Study. <i>Physiotherapy Research International</i> , 2014, 19, 166-175.	1.5	23
25	Stretching and deep and superficial massage do not influence blood lactate levels after heavy-intensity cycle exercise. <i>Journal of Sports Sciences</i> , 2013, 31, 856-866.	2.0	22
26	Neuromuscular versus Mechanical Stretch-induced Changes in Contralateral versus Ipsilateral Muscle. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 1294-1306.	0.4	22
27	Possible Predictors of Involuntary Weight Loss in Patients with Alzheimer's Disease. <i>PLoS ONE</i> , 2016, 11, e0157384.	2.5	21
28	Comparison between continuous and discontinuous incremental treadmill test to assess velocity at $\dot{V}O_2\max$. <i>Journal of Sports Medicine and Physical Fitness</i> , 2017, 57, 1119-1125.	0.7	20
29	Motor unit activation strategy during a sustained isometric contraction of finger flexor muscles in elite climbers. <i>Journal of Sports Sciences</i> , 2016, 34, 133-142.	2.0	18
30	Electromechanical delays during a fatiguing exercise and recovery in patients with myotonic dystrophy type 1. <i>European Journal of Applied Physiology</i> , 2017, 117, 551-566.	2.5	18
31	Effects of endurance, circuit, and relaxing training on cardiovascular risk factors in hypertensive elderly patients. <i>Age</i> , 2015, 37, 101.	3.0	16
32	Cardiovascular and metabolic responses during indoor climbing and laboratory cycling exercise in advanced and elite climbers. <i>European Journal of Applied Physiology</i> , 2018, 118, 371-379.	2.5	16
33	Effects of Ultratrail Running on Skeletal-Muscle Oxygenation Dynamics. <i>International Journal of Sports Physiology and Performance</i> , 2017, 12, 496-504.	2.3	14
34	Cycling efficiency and time to exhaustion are reduced after acute passive stretching administration. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2012, 22, 737-745.	2.9	13
35	Effects of visual feedback absence on force control during isometric contraction. <i>European Journal of Applied Physiology</i> , 2015, 115, 507-519.	2.5	13
36	The Energetics during the World's Most Challenging Mountain Ultra-Marathon—A Case Study at the Tor des Geants®. <i>Frontiers in Physiology</i> , 2017, 8, 1003.	2.8	12

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37	Quadriceps and Gastrocnemii Anatomical Cross-Sectional Area and Vastus Lateralis Fascicle Length Predict Peak-Power and Time-To-Peak-Power. <i>Research Quarterly for Exercise and Sport</i> , 2020, 91, 158-165.	1.4	12
38	Heart rate and pulmonary oxygen uptake response in professional badminton players: comparison between on-court game simulation and laboratory exercise testing. <i>European Journal of Applied Physiology</i> , 2018, 118, 2339-2347.	2.5	11
39	Evidence of balance training-induced improvement in soccer-specific skills in U11 soccer players. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018, 28, 2443-2456.	2.9	11
40	Force control during fatiguing contractions in elite rock climbers. <i>Sport Sciences for Health</i> , 2008, 4, 37-42.	1.3	10
41	Sex-Related Responses to Eccentric-Only Resistance Training in Knee-Extensors Muscle Strength and Architecture. <i>Research Quarterly for Exercise and Sport</i> , 2018, 89, 347-353.	1.4	9
42	Effect of ramp slope on different methods to determine lactate threshold in semi-professional soccer players. <i>Research in Sports Medicine</i> , 2019, 27, 326-338.	1.3	9
43	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.	2.1	8
44	Energy Cost of Continuous Shuttle Running: Comparison of 4 Measurement Methods. <i>Journal of Strength and Conditioning Research</i> , 2018, 32, 2265-2272.	2.1	8
45	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.	2.8	8
46	Morphological Analysis of Force/Velocity Relationship in Dynamic Exercise at Varying Loads. <i>Journal of Strength and Conditioning Research</i> , 2010, 24, 2065-2072.	2.1	7
47	Reliability of the Electromechanical Delay Components Assessment during the Relaxation Phase. <i>Physiology Journal</i> , 2013, 2013, 1-7.	0.4	7
48	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	7
49	Differences in electromechanical delay components induced by sex, age and physical activity level: new insights from a combined electromyographic, mechanomyographic and force approach. <i>Sport Sciences for Health</i> , 2019, 15, 623-633.	1.3	7
50	Local fat content and muscle quality measured by a new electrical impedance myography device: correlations with ultrasound variables. <i>European Journal of Sport Science</i> , 2021, 21, 388-399.	2.7	7
51	Testing protocol affects the velocity at VO_{2max} in semi-professional soccer players. <i>Research in Sports Medicine</i> , 2022, 30, 182-192.	1.3	7
52	Combined effects of fatigue and temperature manipulation on skeletal muscle electrical and mechanical characteristics during isometric contraction. <i>Journal of Electromyography and Kinesiology</i> , 2012, 22, 348-355.	1.7	6
53	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, 2583-2592.	2.5	6
54	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	6

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55	Kinematic algorithm to determine the energy cost of running with changes of direction. <i>Journal of Biomechanics</i> , 2018, 76, 189-196.	2.1	6
56	Effects of acute passive stretching on ventilatory pattern during prolonged cycle exercise. <i>Sport Sciences for Health</i> , 2012, 7, 105-110.	1.3	5
57	Changes in energy system contributions to the Wingate anaerobic test in climbers after a high altitude expedition. <i>European Journal of Applied Physiology</i> , 2020, 120, 1629-1636.	2.5	5
58	On-Sight and Red-Point Climbing: Changes in Performance and Route-Finding Ability in Male Advanced Climbers. <i>Frontiers in Psychology</i> , 2020, 11, 902.	2.1	5
59	Training status affects between-protocols differences in the assessment of maximal aerobic velocity. <i>European Journal of Applied Physiology</i> , 2021, 121, 3083-3093.	2.5	5
60	Effects of Acute Carnosine and β -Alanine on Isometric Force and Jumping Performance. <i>International Journal of Sports Physiology and Performance</i> , 2016, 11, 344-349.	2.3	4
61	Acute effects of direct inhibitory pressure over the biceps brachii myotendinous junction on skeletal muscle activation and force output. <i>Journal of Electromyography and Kinesiology</i> , 2017, 37, 25-34.	1.7	4
62	The role of anticipatory postural adjustments in interlimb coordination of coupled arm movements in the parasagittal plane: III. Difference in the energy cost of postural actions during cyclic flexion-extension arm movements, ISO- and ANTI-directionally coupled. <i>Experimental Brain Research</i> , 2013, 231, 293-303.	1.5	3
63	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
64	Passive stretching decreases muscle efficiency in balance tasks. <i>PLoS ONE</i> , 2021, 16, e0256656.	2.5	3
65	Effects of acute passive stretching on mean response time during an incremental ramp test. <i>Sport Sciences for Health</i> , 2013, 9, 25-30.	1.3	2
66	Acute carnosine and β -alanine supplementation increase the compensated part of the ventilation versus work rate relationship during a ramp incremental cycle test in physically active men. <i>Journal of Sports Medicine and Physical Fitness</i> , 2020, 61, 37-43.	0.7	2
67	Assessment of respiratory muscle training effects. <i>Respiratory Physiology and Neurobiology</i> , 2010, 173, 115-117.	1.6	1
68	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
69	Running fatiguing protocol affects peak torque joint angle and peak torque differently in hamstrings vs. quadriceps. <i>Sport Sciences for Health</i> , 2018, 14, 193-199.	1.3	1
70	Determining voluntary activation in synergistic muscles: a novel mechanomyographic approach. <i>European Journal of Applied Physiology</i> , 2022, 122, 1897-1913.	2.5	1
71	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	0
72	Effects of fatigue on electromechanical delay in human skeletal muscle: new insights from an electromyographic and mechanomyographic combined approach. <i>FASEB Journal</i> , 2012, 26, 1078.11.	0.5	0

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73	Effects of 8-week oral splint usage on body flexibility and muscle strength-endurance performance in Pilates practitioners. Sport Sciences for Health, 0, , 1.	1.3	0