

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 | 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 |
| 2 | Determining voluntary activation in synergistic muscles: a novel mechanomyographic approach. <i>European Journal of Applied Physiology</i> , 2022, 122, 1897-1913. | 2.5 | 1 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | Passive stretching decreases muscle efficiency in balance tasks. <i>PLoS ONE</i> , 2021, 16, e0256656. | 2.5 | 3 |
| 7 | 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 |
| 8 | 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 |
| 9 | Peripheral fatigue: new mechanistic insights from recent technologies. <i>European Journal of Applied Physiology</i> , 2020, 120, 17-39. | 2.5 | 34 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

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|----|---|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | 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 |
| 22 | Cardiovascular and metabolic responses during indoor climbing and laboratory cycling exercise in advanced and Ålite climbers. <i>European Journal of Applied Physiology</i> , 2018, 118, 371-379. | 2.5 | 16 |
| 23 | 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 |
| 24 | 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 |
| 25 | Evidence of balance trainingâ€induced improvement in soccerâ€specific skills in U11 soccer players. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018, 28, 2443-2456. | 2.9 | 11 |
| 26 | 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 |
| 27 | 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 |
| 28 | 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 |
| 29 | 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 |
| 30 | 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 |
| 31 | 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 |
| 32 | 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 |
| 33 | The Energetics during the World's Most Challenging Mountain Ultra-Marathonâ€A Case Study at the Tor des GeantsÂ€. <i>Frontiers in Physiology</i> , 2017, 8, 1003. | 2.8 | 12 |
| 34 | Comparison between continuous and discontinuous incremental treadmill test to assess velocity at V \dot{V} O $_2$ max. <i>Journal of Sports Medicine and Physical Fitness</i> , 2017, 57, 1119-1125. | 0.7 | 20 |
| 35 | Effectiveness of Exercise- and Cognitive-Based Treatments on Salivary Cortisol Levels and Sundowning Syndrome Symptoms in Patients with Alzheimerâ€™s Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 53, 1631-1640. | 2.6 | 47 |
| 36 | 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 |

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|----|--|-----|-----------|
| 37 | 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 |
| 38 | 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 |
| 39 | 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 |
| 40 | 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 |
| 41 | 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 |
| 42 | 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 |
| 43 | 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 |
| 44 | Possible Predictors of Involuntary Weight Loss in Patients with Alzheimer's Disease. <i>PLoS ONE</i> , 2016, 11, e0157384. | 2.5 | 21 |
| 45 | 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 |
| 46 | 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 |
| 47 | Effects of endurance, circuit, and relaxing training on cardiovascular risk factors in hypertensive elderly patients. <i>Age</i> , 2015, 37, 101. | 3.0 | 16 |
| 48 | 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 |
| 49 | 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 |
| 50 | 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 |
| 51 | 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 |
| 52 | 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 |
| 53 | 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 |
| 54 | 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 |

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|----|---|-----|-----------|
| 55 | 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 |
| 56 | Effects of temperature and fatigue on the electromechanical delay components. <i>Muscle and Nerve</i> , 2013, 47, 566-576. | 2.2 | 62 |
| 57 | 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 |
| 58 | 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 |
| 59 | Reliability of the Electromechanical Delay Components Assessment during the Relaxation Phase. <i>Physiology Journal</i> , 2013, 2013, 1-7. | 0.4 | 7 |
| 60 | 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 |
| 61 | 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 |
| 62 | 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 |
| 63 | 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 |
| 64 | 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 |
| 65 | 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 |
| 66 | 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 |
| 67 | 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 |
| 68 | 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 |
| 69 | Assessment of respiratory muscle training effects. <i>Respiratory Physiology and Neurobiology</i> , 2010, 173, 115-117. | 1.6 | 1 |
| 70 | 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 |
| 71 | 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 |
| 72 | Force control during fatiguing contractions in elite rock climbers. <i>Sport Sciences for Health</i> , 2008, 4, 37-42. | 1.3 | 10 |

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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 |