

## 21 artículos científicos:

- Marcen, C; Arbonés, I; Berzosa, C; Valero-Campo, C; Bataller-Cervero, AV. Desarrollo de una herramienta tecnológica para la enseñanza de los juegos y los deportes tradicionales Infancia, Educación y Aprendizaje, 2021. 7 - 1, pp. 87 - 106.  
<https://revistas.uv.cl/index.php/IEYA/article/view/1864>
- Marcen, C; Malcolm, D. Health and democratization as contradictory policy goals: sport in Zaragoza city, Sport in Society. 2020; 23:10, 1672-1689.  
<https://doi.org/10.1080/17430437.2020.1814578>
- Marcen C, Piedrafita E, Oliván R, Arbones I. Physical Activity Participation in Rural Areas: A Case Study. International Journal of Environmental Research and Public Health. 2022; 19(3):1161. <https://doi.org/10.3390/ijerph19031161>
- Bataller-Cervero AV, Cimarras-Otal C, Roche-Seruendo LE, Alcázar-Crevillén A, Villalba-Ruete JA, Berzosa C. Static Balance Modification during the Workday in Assembly Chain Workers with and without Current Low Back Pain. Int J Environ Res Public Health. 2020 Oct 10;17(20):7385.  
<https://doi.org/10.3390/ijerph17207385>
- Villanueva A, Rabal-Pelay J, Berzosa C, Gutiérrez H, Cimarras-Otal C, Lacarcel-Tejero B, Bataller-Cervero AV. Effect of a Long Exercise Program in the Reduction of Musculoskeletal Discomfort in Office Workers. Int J Environ Res Public Health. 2020 Dec 4;17(23):9042.  
<https://doi.org/10.3390/ijerph17239042>
- Cimarras-Otal C, Marcen-Cinca N, Rabal-Pelay J, Lacarcel-Tejero B, Alcazar-Crevillén A, Villalba-Ruete J, Bataller-Cervero AV. Adapted exercises versus general exercise recommendations on chronic low back pain in industrial workers: A randomized control pilot study. Work. 2020;67(3):733-740. <https://doi.org/10.3233/WOR-203322>
- Rabal-Pelay J, Cimarras-Otal C, Marcen-Cinca N, Alcázar-Crevillén A, Laguna-Miranda C, Bataller-Cervero AV. Assessment of Spinal Range of Motion and Musculoskeletal Discomfort in Forklift Drivers. A Cross-Sectional Study. Int J Environ Res Public Health. 2021 Mar 13;18(6):2947. <https://doi.org/10.3390/ijerph18062947>
- Rabal-Pelay J, Cimarras-Otal C, Macia-Calvo M, Laguna-Miranda C, Bataller-Cervero AV. Use of a Spinal Traction Device during Work Shift in Assembly Line Workers. Int J Environ Res Public Health. 2021 Jul 20;18(14):7708. <https://doi.org/10.3390/ijerph18147708>
- Berzosa, C, Sanz, F, Gonzalo-Skok, O, Valero-Campo, C, Arjol-Serrano, JL, Piedrafita, E, Aladrén, G, Bataller- Cervero, AV. "Effect of three half-squat protocols on the tensiomyographic twitch response and tissue damage of the rectus femoris and the biceps femoris" Journal of Human Kinetics. 2020; volume 75, 15-27 <http://doi.org/10.2478/hukin-2020-003>
- Bascuas PJ, Bataller-Cervero AV, Gutierrez H, Berzosa C. Modifications of viscoelastic properties and physiological parameters after performing uphill and downhill running trials. J Sports Med Phys Fitness. 2021 May;61(5):625-635. <http://doi.org/10.23736/S0022-4707.20.11131-9>
- Berzosa C, Gutierrez H, Bascuas PJ, Arbones I, Bataller-Cervero AV. Muscle Tone and Body Weight Predict Uphill Race Time in Amateur Trail Runners. Int J Environ Res Public Health. 2021 Feb 19;18(4):2040. <http://doi.org/10.3390/ijerph18042040>

- Bataller-Cervero AV, Bascuas PJ, Rabal-Pelay J, Gutiérrez H, Piedrafita E, Berzosa C. Attack and Defense Performance in Goalball: A Proposal for Throwing, Balance and Acoustic Reaction Evaluation. *Biology (Basel)*. 2022 Aug 18;11(8):1234. <https://doi.org/10.3390/biology11081234>
- Marcen-Cinca N, Sanchez X, Otin S, Cimarras-Otal C, Bataller-Cervero AV. Visual Perception in Expert Athletes: The Case of Rock Climbers. *Front Psychol*. 2022 Jul 14;13:903518. doi: 10.3389/fpsyg.2022.903518.
- Jaén-Carrillo D, Cartón-Llorente A, Lozano-Jarque D, Rubio-Peirotén A, Roche-Seruendo LE, García-Pinillos F. Relationship between Reactive Strength and Leg Stiffness at Submaximal Velocity: Effects of Age on Distance Runners. *Int J Environ Res Public Health*. 2021 Jun 26;18(13):6866 <https://doi.org/10.3390/ijerph18136866>
- Tuquet, J.; Cartón, A.; Marco-Contreras, L.A.; Mainer-Pardos, E.; Lozano, D. Analysis of the Steps Cycle in the Action of Throwing in Competition in Men's Elite Handball. *Sustainability* 2022, 14, 5291. <https://doi.org/10.3390/su14095291>
- Gonzalo-Skok O, Sánchez-Sabaté J, Tous-Fajardo J, Mendez-Villanueva A, Bishop C, Piedrafita E. Effects of Direction-Specific Training Interventions on Physical Performance and Inter-Limb Asymmetries. *Int J Environ Res Public Health*. 2022 Jan 18;19(3):1029. <https://doi.org/10.3390/ijerph19031029>
- Cartón-Llorente A, Roche-Seruendo LE, Jaén-Carrillo D, Marcen-Cinca N, García-Pinillos F. Absolute reliability and agreement between Stryd and RunScribe systems for the assessment of running power. *Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology*. 2021; 235(3):182-187. <https://doi.org/10.1177/1754337120984644>
- Díez A, Lozano D, Arjol-Serrano JL, Mainer-Pardos E, Castillo D, Torrontegui-Duarte M, Nobari H, Jaén-Carrillo D, Lampre M. Influence of contextual factors on physical demands and technical-tactical actions regarding playing position in professional soccer players. *BMC Sports Sci Med Rehabil*. 2021 Dec 16;13(1):157. <https://doi.org/10.1186/s13102-021-00386-x>
- Arjol-Serrano JL, Lampre M, Díez A, Castillo D, Sanz-López F, Lozano D. The Influence of Playing Formation on Physical Demands and Technical-Tactical Actions According to Playing Positions in an Elite Soccer Team. *Int J Environ Res Public Health*. 2021 Apr 14;18(8):4148. <https://doi.org/10.3390/ijerph18084148>
- Lozano D, Lampre M, Díez A, Gonzalo-Skok O, Jaén-Carrillo D, Castillo D, Arjol JL. Global Positioning System Analysis of Physical Demands in Small and Large-Sided Games with Floaters and Official Matches in the Process of Return to Play in High Level Soccer Players. *Sensors (Basel)*. 2020 Nov 18;20(22):6605. <https://doi.org/10.3390/s20226605>
- Roso-Moliner A, Mainer-Pardos E, Arjol-Serrano JL, Cartón-Llorente A, Nobari H, Lozano D. Evaluation of 10-Week Neuromuscular Training Program on Body Composition of Elite Female Soccer Players. *Biology (Basel)*. 2022 Jul 17;11(7):1062. <https://doi.org/10.3390/biology11071062>
- Tuquet J, Zapardiel JC, Saavedra JM, Jaén-Carrillo D, Lozano D. Relationship between Anthropometric Parameters and Throwing Speed in Amateur Male Handball Players at Different Ages. *Int J Environ Res Public Health*. 2020 Sep 25;17(19):7022. <https://doi.org/10.3390/ijerph17197022>