MILANLAB – SCIENTIFIC PUBLICATIONS

1. **A.Riboli, F.Nardi, M.Osti, M.Cefis, G.Tesoro, S.Mazzoni.** *Training load, official match locomotor demand, and their association in top-class soccer players during a full competitive season*. J Strength and Cond Res (39) 2:249-259, 2025
2. **M.Trapletti, A.Trecroci, R.Negri, F.Esposito, S.Mazzoni, A.Riboli.** *Neuromuscular profile during different type of gym-exercises in top-class football players.* J Spot Sciences, Submitted
3. **M.Bazzoni, S.Mazzoni, A.Trecroci, S.Muratore, F.Esposito, A.Riboli**. Peak demands during official matches with a special reference to the effects of substitution. JSCR submitted
4. **M.Trapletti, S.Mazzoni, A.Trecroci, M.Bazzoni, F.Esposito, A.Riboli.** Match-to-match Variability during whole and Peak Official Match Locomotor Demands in Top-Class Football Players Across Sexes and Age-categories. Biol.Sport, Under Review, 2026
5. **Jokela A, Pasta G, Della Villa F, Abrantes A, et al. Mazzoni S, Pruna R, Valle X, Lempainen L.** Mechanisms of Severe Adductor Longus Injuries in Professional Soccer Players: A Systematic Visual Video Analysis. Orthop J Sports Med. 2025 Feb 6;13(2)
6. **M.Meroni, M.Trapletti, E.Borsari, A.Riboli.** Relazione tra carico esterno, marker di danno muscolare e fatica percepita a seguito di partite ufficiali in calciatori di alto livello. Scienza & Sport. Sottomesso, 2026.
7. **S.B.H.Olthof, J.Ferrandis, V.de Dios, A.Riboli.** Pitch Size, player Number and playing rules: how Small Sided Game Constraints Shape the Training Demands in Male Academy Soccer. J Strength Cond Res, Accepted 2026
8. **G.Baroncini, P.Campa, P. Castellani Tarabini, A. Sala, L. Boldrini, S. Mazzoni, A.Paoli.** Accuracy of Anthropometric-based predictive equations for tracking fat mass over a competitive season in elite female soccer players: a validation study. BMC Sports Science, Medicine and Rehabilitation, Apr 3; 17:68, 2025
9. **A.Riboli, L.Francini, A.Caroni, L.Boldrini, S.Mazzoni.** Top-class women soccer performance: peak demands and distribution of the match activities relative to maximal intesities during official match. Biol Sport, 41(1):207-215, 2024
10. **Gnesutta A, Sollami G, Calvi M, Francese F, Mazzoni S, Genovese EA.** Isolated distal grade III lateral collateral ligament injury: what is the real clinical impact in professional athletes? Skeletal Radiol. 2024 May;53(5):983-987.
11. **M.Mandorino, A.Tessitore, S.Coustou, A.Riboli, M.Lacome.** A new approach to comparing small-sided games and soccer matches demands. Biol Sport. Jul;41(3): 15-28, 2024
12. **M.Mirto, A.Riboli, S.Muratore, S.Mazzoni.** Variabilità delle richieste locomotorie durante le partite ufficiali in giovani calciatori maschi e femmine di alto livello. Scienza & Sport. 2024
13. **A.Riboli and C.Castagna.** Soccer-drill specificity in top-class male players with reference to peak match locomotor demands. J Sport Sciences, 41(6):573-583. Epub 2023
14. **Jokela A, Mechó S, Pasta G, Pleshkov P, García-Romero-Pérez A, Mazzoni S, et al. Lempainen L.** Indirect Rectus Femoris Injury Mechanisms in Professional Soccer Players: Video Analysis and Magnetic Resonance Imaging Findings. Clin J Sport Med. 2023 Sep 1;33(5):475-482.
15. **Lempainen L, Mechó S, Valle X, Mazzoni S, et al. Kosola J**. Management of anterior thigh injuries in soccer players: practical guide. BMC Sports Sci Med Rehabil. 2022 Mar 18;14(1):41. doi: 10.1186/s13102-022-00428-y. Sports Sci Med Rehabil. 2022 Mar 18;14(1):41.
16. **Calvi M, Curti M, Mazzoni S, Genesio L, Tavana R, Callegari L, Genovese EA.** Paramagnetic contrast medium in high-level athletes with lower limb muscle injuries: can it make the return to sport safer reducing the recurrence rate? Radiol Med. 2022 May;127(5):507-517.
17. **Thiebat G, Spreafico A, Mazzoni S, Ravasio G, de Girolamo L, Schoenhuber H.** Incidence of injuries in young soccer players: epidemiological study in an Italian elite club. J Sports Med Phys Fitness. 2021 Jan;61(1):80-86. .
18. **Lempainen L, Hetsroni I, Kosola JA, Sinikumpu JJ, Mazzoni S, Orava S.** Proximal Adductor Longus Tendon Repair With a Concomitant Distal Fascial Release for Complete Hip Adductor Tendon Tears: Surgical Technique and Outcomes in 40 Male Athletes. Orthop J Sports Med. 2021 Oct 14;9(10):23259671211042024.
19. "**Ossola C, Curti M, Calvi M, Tack S, Mazzoni S, Genesio L, Venturini M, Genovese EA**. Role of ultrasound and magnetic resonance imaging in the prognosis and classification of muscle injuries in professional football players: correlation between imaging and return to sport time. Radiol Med. 2021 Nov;126(11):1460-1467."
20. **Nocerino EA, Aliprandi A, Tavana R, Mazzoni S, Di Leo G, Genovese EA.** Evaluation of muscle tears in professional athletes using diffusion-weighted imaging and apparent diffusion coefficient: preliminary results. Acta Biomed. 2019 Sep 6;90(3):238-244.