



Publications

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 - > Avrillon S, Hug F, [Guilhem G](#). **Bilateral differences in hamstring coordination in previously injured elite athletes**. *Journal of Applied Physiology*. 2020;128(3):688-697 [Voir](#)
 - > Avrillon S, Lacourpaille L, Hug F, Le Sant G, Frey A, Nordez A, [Guilhem G](#). **Hamstring muscle elasticity differs in specialized high-performance athletes**. *Scand J Med Sci Sports*. 2020;30(1):83-91 [Voir](#)
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- > [Brocherie F](#), Millet GP. **Hypoxic exercise as an effective nonpharmacological therapeutic intervention**. Exp Mol Med. March 2020 [Voir](#)
- > Doron J, Rouault Q, Jubeau M, Bernier M. **Integrated mindfulness-based intervention: Effects on mindfulness skills, cognitive interference and performance satisfaction of young elite badminton players**. Psychology of Sport and Exercise. 2020;47:101638 [Voir](#)
- > Girard O, [Brocherie F](#), Goods PSR, Millet GP. **An Updated Panorama of “Living Low-Training High” Altitude/Hypoxic Methods**. Front Sports Act Living. 2020;2:26 [Voir](#)
- > Hollville E, Nordez A, [Guilhem G](#), Lecompte J, [Rabita G](#). **Surface properties affect the interplay between fascicles and tendinous tissues during landing**. Eur J Appl Physiol. 2020;120(1):203-217 [Voir](#)
- > Hollville E, [Rabita G](#), [Guilhem G](#), Lecompte J, Nordez A. **Effects of Surface Properties on Gastrocnemius Medialis and Vastus Lateralis Fascicle Mechanics During Maximal Countermovement Jumping**. Frontiers in Physiology. 2020;11:917 [Voir](#)
- > Lacome M, Avrillon S, Cholley Y, Simpson BM, [Guilhem G](#), [Buchheit M](#). **Hamstring Eccentric Strengthening Program: Does Training Volume Matter?** International Journal of Sports Physiology and Performance. 2020;15(1):81-90 [Voir](#)
- > Le Mansec Y, Perez J, Rouault Q, Doron J, Jubeau M. **Impaired Performance of the Smash Stroke in Badminton Induced by Muscle Fatigue**. International Journal of Sports Physiology and Performance. 2020;15(1):52-59 [Voir](#)
- > Millet GP, [Brocherie F](#). **Hypoxic Training Is Beneficial in Elite Athletes**. Medicine & Science in Sports & Exercise. 2020;52(2):515-518 [Voir](#)
- > [Nédélec M](#). **[Recovery strategies in elite sport : focus on both quantity and quality of sleep]**. Rev Med Liege. 2020;75(1):49-52 [Voir](#)
- > [Perez J](#), [Guilhem G](#), Hager R, [Brocherie F](#). **Mechanical determinants of forward skating sprint inferred from off- and on-ice force-velocity evaluations in elite female ice hockey players**. European Journal of Sport Science. April 2020: 1-31 [Voir](#)

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