

**Erich Müller - Publikationsliste
Dezember 2020 (n = 741)**

01_Journal Articles (n = 276)

- Steidl-Müller, L., Hildebrandt, C., Niedermeier, M., Müller, E., Romann, M., Javet, M., Bruhin, B., & Raschner, C. (2020). Biological Maturity Status, Anthropometric Percentiles, and Core Flexion to Extension Strength Ratio as Possible Traumatic and Overuse Injury Risk Factors in Youth Alpine Ski Racers: A Four-Year Prospective Study. *Applied Sciences*, 10, 7623.
- Sato, Y., Kösters, A., Rieder, F., Sasho, T., Müller, E., & Wiesinger, H.-P. (2020). Quantitative analysis of patellar tendon after total knee arthroplasty using echo intensity. A non-randomized controlled trial of alpine skiing. *Journal of Arthroplasty*, 35, 2858-2864.
- Wiesinger, H.-P., Seyennes, O., Kösters, A., Müller, E., & Rieder, F. (2020). Mechanical and material tendon properties in patients with proximal patellar tendinopathy. *Frontiers in Physiology*, 11, 704.
- Gilgien, M., Crivelli, P., Kröll, J., Luteberget, L., Müller, E., & Spörri, J. (2020). Preventing injuries in alpine skiing giant slalom by shortening the vertical distance between the gates rather than increasing the horizontal gate offset to control speed. *British Journal of Sports Medicine*, 54, 1042-1046.
- Steidl-Müller, L., Hildebrandt, C., Ebenbichler, C., Luchner, R., Patterson, C., Müller, E., Gonaus, C., & Raschner, C. (2020). Changes in anthropometric and fitness characteristics over a decade of young elite alpine ski racers. *International Journal of Sports Physiology and Performance*, accepted for publication.
- Hildebrandt, C., Oberhoffer, R., Raschner, C., Müller, E., Fink, C., & Steidl-Müller, L. (2020). Training load characteristics and injury and illness risk identification in elite youth ski racing: a prospective study. *Journal of Sport and Health Science*, doi: 10.1016/j.jshs.2020.03.009.
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- Fasel, B., Spörri, J., Kröll, J., Müller, E., & Aminian, K. (2019). A Magnet-Based Timing System to Detect Gate Crossings in Alpine Ski Racing. *Sensors*, 19(4), 940.
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- Ostrek, M., Rhodin, H., Fua, P., Müller, E., & Spörri, J. (2019). Are Existing Monocular Computer Vision-Based 3D Motion Capture Approaches Ready for Deployment? A Methodological Study on the Example of Alpine Skiing. *Sensors*, 19(19), 4323.
- Gonaus, C., Birkbauer, J., Lindinger, S. J., Stöggel, T., & Müller, E. (2019). Changes Over a Decade in Anthropometry and Fitness of Elite Austrian Youth Soccer Players. *Frontiers in Physiology*, 10, 333.
- Müller, E., Pröllner, P., Ferreira-Briza, F., Aglas, L., & Stöggel, T. (2019). Effectiveness of Grounded Sleeping on Recovery After Intensive Eccentric Muscle Loading. *Frontiers in Physiology*, 10, 35.
- Steidl-Müller, L., Hildebrandt, C., Raschner, C., & Müller, E. (2019). Challenges of talent development in alpine ski racing: A narrative review. *Journal of Sports Sciences*, 37(6), 601-612.

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