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Complete publication record (sorted by reviews, original work, book chapters, and books)

Reviews 2022

Krohm, L., Krüger, T., Markov, A., Helm, N. & **Granacher, U.** (2022). Analyse des konditionellen Anforderungsprofils im Olympischen Cross-Country Mountainbike. *Leistungssport*, 52(1), 37-42.

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Brahms, C.M., Hortobágyi, T., Kressig, R.W. & **Granacher, U.** (2021). The interaction between mobility status and exercise specificity in older adults. *Exercise and Sport Sciences Reviews*, 49(1), 15-22.

Hortobágyi, T., **Granacher, U.**, Fernandez-del-Olmo, M., Howatson, G., Manca, A., Deriu, F., Taube, W., Gruber, M., Marquez, G., Lundbye-Jensen, J. & Colomer-Poveda, D. (2021). Functional relevance of resistance training-induced neuroplasticity in health and disease. *Neuroscience and Biobehavioral Reviews*, 122, 79-91.

Moran, J., Ramirez-Campillo, R., Liew, B., Chaabene, H., Behm, D.G., García-Hermoso, A., Izquierdo, M. & **Granacher, U.** (2021). Effects of vertically- and horizontally-orientated plyometric training on physical performance: A meta-analytical comparison. *Sports Medicine*, 51(1), 65-79.

Behm, D.G., Alizadeh, S., Anvar, S.H., Drury, B., **Granacher, U.** & Moran, J. (2021). Non-local acute passive stretching effects on range of motion in healthy adults: A systematic review with meta-analysis. *Sports Medicine*, 51(5), 945-959.

Behm, D.G., Alizadeh, S., Drury, B., **Granacher, U.** & Moran, J. (2021). Non-local acute stretching effects on strength performance in healthy young adults. *European Journal of Applied Physiology*, 121(6), 1517-1529.

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Fühner, T., Kliegl, R., Arntz, F., Kriemler, S. & **Granacher, U.** (2021). An update on secular trends in physical fitness of children and adolescents from 1972 to 2015: A systematic review. *Sports Medicine*, 51(2), 303-320.

Chaabene, H., Prieske, O., Herz, M., Moran, J., Höhne, J., Kliegl, R., Ramirez-Campillo, R., Behm, D.G., Hortobagyi, T. & **Granacher, U.** (2021). Home-based exercise programmes improve physical fitness of healthy older adults: A PRISMA-compliant systematic review and meta-analysis with relevance for COVID-19. *Ageing Research Reviews*, (Epub).

Moran, J., Liew, B., Ramirez-Campillo, R., **Granacher, U.**, Negra, Y. & Chaabene, H., (2021). The effects of plyometric jump training on lower limb stiffness in healthy individuals: a meta-analytical comparison. *Journal of Sport and Health Science*, (Epub).

Behm, D.G., Alizadeh, S., Anvar, S.H., Hanlon, C., Ramsay, E., Mahmoud, M.M.I., Whitten, J., Fisher, J.P., Prieske, O., Chaabene, H., **Granacher, U.** & Steele, J. (2021). Non-local muscle fatigue effects on muscle strength, power, and endurance in healthy individuals: A systematic review with meta-analysis. *Sports Medicine*, 51(9), 1893-1907.

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Ramirez-Campillo, R., García-Pinillos, F., Chaabene, H., Moran, J., Behm, D.G. & **Granacher, U.** (2021). Effects of plyometric jump training on electromyographic activity and its relation to strength and jump performance in healthy trained and untrained populations: A systematic review of randomized controlled trials. *Journal of Strength and Conditioning Research*, 35(7), 2053-2065.

Bussweiler, J., Markov, A., Puta, C., Helm, N., Kappell, H. & **Granacher, U.** (2021). „Return-to-performance“ – COVID-19 und die Herausforderungen für das Training im Nachwuchsleistungssport. *Leistungssport*, 51(4), 18-22.

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Ramachandran, A.K., Singh, U., Ramirez-Campillo, R., Clemente, F.M., Afonso, J. & **Granacher, U.** (2021). Effects of plyometric jump training on balance performance in healthy participants: A systematic review with meta-analysis. *Frontiers in Physiology*, 12(730945).

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Zouhal, H., Hammami, A., Tijani, J.M., Jayavel, A., de Sousa, M., Krstrup, P., Sghaeir, Z., **Granacher, U.** & Abderrahman, A.B. (2020). Effects of small-sided soccer games on physical fitness, physiological responses, and health indices in untrained individuals and clinical populations: A systematic review. *Sports Medicine*, 50(5), 987-1007.

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Hortobagyi, T., Teixeira, L.A., Duysens, J., **Granacher, U.**, van Dieen, J. & de Moraes, R. (2020). Is standing sway an accurate measure of fall risk and predictor of future falls in older adults? *Brazilian Journal of Motor Behavior*, 14(1), 1-3.

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Chabaene, H., Lesinski, M. & **Granacher, U.** (2020). Performance- and health-related benefits of youth resistance training. *Sports Orthopaedics and Traumatology*, 36(3), 231-240.

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Boullosa, D., Casado, A., Claudino, J.G., Reyes, P.J., Ravé, G., Lima-Alves, A., Castaño, A., Oliveira-Junior, S.A., Dupont, G., **Granacher, U.** & Zouhal, H. (2020). Do you play or do you train? Insights from individual sports for training load and injury risk management in team sports based on individualization. *Frontiers in Physiology*, 11(995).

Koch, U & **Granacher, U.** (2020). Verletzungen im Sportunterricht: Häufigkeit, Ursachen und präventive Maßnahmen. *Sportunterricht*, 69(9), 393-397.

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Chaabene, H., Negra, Y., Capranica, L., Prieske, O. & **Granacher, U.** (2019). A needs analysis of karate kumite with recommendations for performance testing and training. *Strength and Conditioning Journal*, 41(3), 35-46.

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Chaabene, H., Behm, D., Negra, Y. & **Granacher, U.** (2019). Acute effects of static stretching on muscle strength and power: An attempt to clarify previous caveats. *Frontiers in Physiology*, 10(1468).

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Ramirez-Campillo, R., Álvarez, C., García-Hermoso, A., Ramírez-Vélez, R., Gentil, P., Asadi, A., Chaabene, H., Moran, J., Meylan, C., García de Alcaraz, A., Sanchez-Sanchez, J., Nakamura, F., **Granacher, U.**, Kraemer, W. & Izquierdo, M. (2018). Methodological characteristics and future directions for plyometric jump training research: a scoping review. *Sports Medicine*, 48(5), 1059-1081.

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