

## PUBLICATIONS SCHNEIDER (FROM 12/2020)

### PEER REVIEWED JOURNAL ARTICLES

- Oh, S. H., Mierau, A., Thevis, M., Thomas, A., Schneider, C. & Ferrauti, A. (2018). Effects of different exercise intensities in the morning on football performance components in the afternoon. *German Journal of Exercise and Sport Research*, 48(2), 235-244.
- Raeder, C., Wiewelhove, T., Schneider, C., Döweling, A., Kellmann, M., Meyer, T., Ferrauti, A. (2017). Effects of active recovery on muscle function following high-intensity training sessions in elite olympic weightlifters. *Advances in Skeletal Muscle Function Assessment*, 1(1), 3–12. Retrieved from [http://www.asmfajournal.org/uploads/AS-MFA\\_Issue01onlinePRESS.pdf](http://www.asmfajournal.org/uploads/AS-MFA_Issue01onlinePRESS.pdf)
- Schneider, C., Hanakam, F., Wiewelhove, T., Döweling, A., Kellmann, M., Meyer, T., Pfeiffer, M. & Ferrauti, A. (2018). Heart Rate Monitoring in Team Sports-A Conceptual Framework for Contextualizing Heart Rate Measures for Training and Recovery Prescription. *Frontiers in Physiology*, 9, 639.
- Schneider, C., Wiewelhove, T., McLaren, S. J., Röleke, L., Käsbauer, H., Hecksteden, A., Kellmann, M., Pfeiffer, M., & Ferrauti, A. (2020, in Press). *Monitoring training and recovery responses with heart rate measures during standardized warm-up in elite badminton players*. PLoS ONE, 15 (12), e0244412.
- Wiewelhove, T., Raeder, C., Paula Simola, R. A. de, Schneider, C., Döweling, A., & Ferrauti, A. (2017). Tensiomyographic markers are not sensitive for monitoring muscle fatigue in elite youth athletes: A pilot study. *Frontiers in Physiology*, 8, 406. <https://doi.org/10.3389/fphys.2017.00406>
- Wiewelhove, T., Schneider, C., Döweling, A., Hanakam, F., Rasch, C., Meyer, T., Kellmann, M., Pfeiffer, M., Ferrauti, A. (2018). Effects of different recovery strategies following a half-marathon on fatigue markers in recreational runners. *PLoS One*, 13 (11), eCollection 2018.
- Wiewelhove T., Schneider C., Schmidt A., Döweling A., Meyer T., Kellmann M., Pfeiffer M. & Ferrauti A. (2018). Active Recovery After High-Intensity Interval-Training Does Not Attenuate Training Adaptation. *Frontiers in Physiology*, 9, 415.

### BOOK CHAPTERS

- Ferrauti, A., Fett, J., Frytz, A., Götz, J.A., Hanakam, F., Kittel, T., Möllmann, J., Schneider, C. & Remmert, H. (2020). Trainingswissenschaft in ausgewählten Sportarten. In A. Ferrauti (Hrsg.), *Trainingswissenschaft für die Sportpraxis* (S. 579-661). Heidelberg: Springer.
- Ferrauti, A., Schneider, C. & Wiewelhove, T. (2020). Leistungssteuerung. In A. Ferrauti (Hrsg.), *Trainingswissenschaft für die Sportpraxis* (S. 67-186). Heidelberg: Springer.

Schneider, C., Loch, F. & Rasche, C. (2020). Monitoring – methodische Wege zur täglichen Feinjustierung von Trainings- und Erholungssteuerung. In T. Meyer, A. Ferrauti, M. Kellmann & M. Pfeiffer (Hrsg.), *Regenerationsmanagement im Spitzensport (Teil 2)*. REGman – Ergebnisse und Handlungsempfehlungen (S. 17-26). Wuppertal: Mumbeck.

## ABSTRACTS

- Fintel, J. von, Schneider, C., Welsch, S., & Ferrauti, A. (2017). Usefulness of a submaximal shuttle-run in weekly monitoring of semi-professional basketball players. In A. Ferrauti, P. Platen, E. Grimmer-Seidensticker, T. Jaitner, U. Bartmus, L. Becher, E. Tsolakidis (Eds.), *Book of Abstracts of the 22nd Annual Congress of the European College of Sport Science - 5th - 8th July 2017, MetropolisRuhr – Germany* (pp. 411–412).
- Raeder, C., Wiewelhove, T., Schneider, C., Döweling, A., & Ferrauti, A. (2016). Effects of active recovery after intensive training on performance and markers of fatigue in elite German weightlifters. In A. Baca, B. Wessner, R. Diketmüller, H. Tschan, M. Hofmann, P. Kornfeind, & E. Tsolakidis (Eds.), *Book of Abstracts of the 21st Annual Congress of the European College of Sport Science – 6th - 9th June 2016, Vienna – Austria*. (p. 455).
- Schneider, C., Röleke, L., Wiewelhove, T., Döweling, A., & Ferrauti, A. (2018). Heart rate monitoring in elite badminton players – Usefulness of a submaximal shuttle-run test to assess strain and recovery. In Murphy, M., Boreham, C., De Vito, G., Tsolakidis, E. (Ed.), *Book of Abstracts of the 23rd Annual Congress of the European College of Sport Science – 4th - 7th July 2018, Dublin – Ireland* (p. 500). Abstract & Slides
- Schneider, C., Schmidt, A., Wiewelhove, T. & Ferrauti, A. (2020). Variability Of Acute Response In Resting Heart Rate Variability Following High-Intensity Interval Training. In F. Dela, E. Müller & E. Tsolakidis (Hrsg.), *Book of Abstracts of the 25th Annual Congress of the European College of Sport Science – 28th - 30th October 2020* (S. 278-279). doi:10.17605/OSF.IO/BW87N
- Schneider, C., Schmidt, A., Wiewelhove, T., Raeder, C., & Ferrauti, A. (2016). Usefulness of monitoring resting heart rate variability during a four-week pre-season preparation period in intermittent sport athletes. In J. Wiemeyer, A. Seyfarth, G. Kollegger, D. Tokur, C. Schumacher, K. Hoffmann, & D. Schöberl (Eds.), *Berichte aus der Sportwissenschaft. Human Movement and Technology: Book of abstracts - 11th joint dvs Conference on Motor Control & Learning, Biomechanics & Training, 28 - 30 September 2016 in Darmstadt* (1st ed., pp. 92–94). Herzogenrath: Shaker.
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- Schneider, C., Schumbera, O., Raeder, C., Wiewelhove, T., & Ferrauti, A. (2015). Einfluss eines intensiven Krafttrainings-Mikrozyklus auf die Herzfrequenzvariabilität unter Ruhebedingungen. In Deutsche Vereinigung für Sportwissenschaft (dvs) (Ed.), *Abstractband dvs-Tagung der Sektion Trainingswissenschaft: Krafttraining: «Kraftvoll durchs Leben»* (p. 45).
- Schneider, C., Schumbera, O., Raeder, C., Wiewelhove, T., & Ferrauti, A. (2015). Effect of an intensive strength training microcycle on resting heart rate variability. In Radmann, A., Hedenborg, S., Tsolakidis, E. (Ed.), *Book of Abstracts of the 20th Annual Congress of the European College of Sport Science - 24th - 27th June 2015, Malmö - Sweden* (p. 198).
- Schneider, C., Wiewelhove, T., Raeder, C., Döweling, A., & Ferrauti, A. (2017). Heart rate measures during a HIIT shock microcycle - a methodological comparison. In A. Ferrauti, P. Platen, E. Grimminger-Seidensticker, T. Jaitner, U. Bartmus, L. Becher, E. Tsolakidis (Eds.), *Book of Abstracts of the 22nd Annual Congress of the European College of Sport Science - 5th - 8th July 2017, MetropolisRuhr – Germany* (p. 443).
- Schneider, C., Wiewelhove, T., Raeder, C., Döweling, A., & Ferrauti, A. (2017). HRV-Monitoring während eines HIIT Schock-Mikrozyklus – Möglichkeiten der uni- und multivariaten Datenanalyse. In R. Collette, S. Endler, T. Pelzer, C. Rasche, C. Winter, & M. Pfeiffer (Eds.), *Training im Sport - Jahrestagung der dvs-Sektion Trainingswissenschaft* (pp. 80–81). Zentraldruckerei der Johannes Gutenberg-Universität Mainz.
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- Stallmann, C., Hein, N., Schneider, C., Peifer, C., & Ferrauti, A. (2017). The influence of physical exercise on flow-experience in a subsequent cognitive task - a pilot study. In A. Ferrauti, P. Platen, E. Grimminger-Seidensticker, T. Jaitner, U. Bartmus, L. Becher, E. Tsolakidis (Eds.), *Book of Abstracts of the 22nd Annual Congress of the European College of Sport Science - 5th - 8th July 2017, MetropolisRuhr – Germany* (pp. 670–671).
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- Wiewelhove, T., Schneider, C., Raeder, C., Döweling, A., & Ferrauti, A. (2017). Regelmäßige Aktive Erholung nach hochintensivem Ausdauertraining hat keinen Einfluss auf die Trainingsanpassungen. In R. Collette, S. Endler, T. Pelzer, C. Rasche, C. Winter, & M. Pfeiffer (Eds.), *Training im Sport - Jahrestagung der dvs-Sektion Trainingswissenschaft* (p. 39). Zentraldruckerei der Johannes Gutenberg-Universität Mainz.
- Wiewelhove, T., Schneider, C., Schmidt, A., Raeder, C., Döweling, A., & Ferrauti, A. (2017). Regular active recovery during a high-intensity interval-training mesocycle does not attenuate training adaptation. In A. Ferrauti, P. Platen, E. Grimminger-Seidensticker, T.

Jaitner, U. Bartmus, L. Becher, E. Tsolakidis (Eds.), *Book of Abstracts of the 22nd Annual Congress of the European College of Sport Science - 5th - 8th July 2017, MetropolisRuhr – Germany* (p. 308).