

Research outputs

Correction: Different cadences and resistances in sub-maximal synchronous handcycling in able-bodied men: Effects on efficiency and force application

Kraaijenbrink, C., Vegter, R. J. K., Hensen, A. H. R., Wagner, H. & van der Woude, L. H. V., 2024, In: PLoS ONE. 19, 9, e0310506.

Biophysical perspective on submaximal handcycle propulsion in able-bodied men: biomechanics and physiology of different gear, mode and steering settings

Kraaijenbrink, C., 2022, [Groningen]: University of Groningen. 186 p.

Steering Does Affect Biophysical Responses in Asynchronous, but Not Synchronous Submaximal Handcycle Ergometry in Able-Bodied Men

Kraaijenbrink, C., Vegter, R., Ostertag, N., Janssens, L., Vanlandewijck, Y., van der Woude, L. H. V. & Wagner, H., 25-Oct-2021, In: Frontiers in Sports and Active Living. 3, p. 1-17 17 p.

Biophysical aspects of handcycling performance in rehabilitation, daily life and recreational sports; a narrative review

Kraaijenbrink, C., Vegter, R., Groot, de, S., Arnet, U., Valent, L., Verellen, J., Breukelen, K. V., Hettinga, F., Perret, C., Abel, T., Goosey-Tolfrey, V. L. & van der Woude, L. H. V., 2021, In: Disability and Rehabilitation. 43, 24, p. 3461–3475 15 p.

Biomechanical and physiological differences between synchronous and asynchronous low intensity handcycling during practice-based learning in able-bodied men

Kraaijenbrink, C., Vegter, R. J. K., Hensen, A. H. R., Wagner, H. & van der Woude, L. H. V., 24-Feb-2020, In: Journal of Neuroengineering and Rehabilitation. 17, 1, 13 p., 29.

Neck muscle responses of driver and front seat passenger during frontal-oblique collisions

Muehlbeier, A., Bostroem, K. J., Kalthoff, W., de Lussanet, M. H. E., Kraaijenbrink, C., Hagenfeld, L., Castro, W. H. M. & Wagner, H., 31-Dec-2018, In: PLoS ONE. 13, 12, 20 p., 0209753.

Practice effects on low intensity synchronous handcycling in able-bodied men: A biophysical approach

Kraaijenbrink, C., Vegter, R., Hensen, A. H. R., Wagner, H. & van der Woude, L. H. V., Dec-2018. 1 p.

Different cadences and resistances in sub-maximal synchronous handcycling in able-bodied men: Effects on efficiency and force application

Kraaijenbrink, C., Vegter, R. J. K., Hensen, A. H. R., Wagner, H. & van der Woude, L. H. V., 25-Aug-2017, In: PLoS ONE. 12, 8, 15 p., e0183502.

Effects of gear, imposed resistance and crank mode on the mechanical efficiency and physiological parameters during sub-maximal handcycling in healthy men

Kraaijenbrink, C., Vegter, R., Hensen, A. H. R., Wagner, H. & van der Woude, L. H. V., 2017, *Journal of Science and Cycling (JSC)*. p. 43-44 2 p.

Effects of resistance on 3d force application during low-intensity handcycling in healthy men

Kraaijenbrink, C., Vegter, R., Hensen, A. H. R., Wagner, H. & van der Woude, L. H. V., 2017.

Activities

Arm-leg ergometry – A new method to perform exercise testing and training in people with impaired lower limb function

Kraaijenbrink, C. (Speaker), Houdijk, H. (Contributor), Dekker, R. (Contributor) & Simmelink, L. (Contributor)
7-Nov-2024

Publieksfestival iedereen in beweging!

Buurke, T. (Chair), Nijenhuis, B. (Organiser), Gilde, I. (Organiser), de Jonge, M. (Organiser), Tankink, T. (Organiser), Keizer, M. (Organiser), Kraaijenbrink, C. (Organiser), Caljouw, S. (Organiser), Murgia, A. (Organiser), Kompagnie, N. (Organiser), Benjaminse, A. (Organiser), Elferink-Gemser, M. (Organiser), van Keeken, H. (Organiser) & Plaggenmarsch,

C. (Organiser)
11-Oct-2024

Scientific Reports (Journal)

Kraaijenbrink, C. (Peer reviewer)
Apr-2024 → ...

PeerJ (Journal)

Kraaijenbrink, C. (Peer reviewer)
Jan-2022 → Mar-2022

Biophysical aspects of handcycling performance in rehabilitation, daily life and recreational sports; a narrative review.

Kraaijenbrink, C. (Speaker), Vegter, R. (Contributor), de Groot, S. (Contributor), Arnet, U. (Contributor), Valent, L. J. M. (Contributor), Verellen, J. (Contributor), Breukelen, K. V. (Contributor), Hettinga, F. (Contributor), Perret, C. (Contributor), Abel, T. (Contributor), Goosey-Tolfrey, V. L. (Contributor) & van der Woude, L. (Contributor)
22-Nov-2021

Biophysical effects of steering on asynchronous and synchronous submaximal handcycle ergometry in able-bodied men.

Kraaijenbrink, C. (Speaker), Vegter, R. (Contributor), Ostertag, N. (Contributor), Janssens, L. (Contributor), Vanlandewijck, Y. (Contributor), van der Woude, L. (Contributor) & Wagner, H. (Contributor)
29-Jul-2021

Scandinavian Journal of Medicine & Science in Sports (Journal)

Kraaijenbrink, C. (Peer reviewer)
2020

Vista 2019

Kraaijenbrink, C. (Speaker)
4-Sept-2019 → 7-Sept-2019

German journal of exercise and sport research (Journal)

Kraaijenbrink, C. (Peer reviewer)
Jul-2019

6Th State-of-the-art Congress 'Rehabilitation: mobility, exercise & sports

Kraaijenbrink, C. (Contributor)
6-Dec-2018

Dutch Congress of Rehabilitation Medicine (DCRM 2018)

Kraaijenbrink, C. (Invited speaker)
9-Nov-2018

8th World Congress of Biomechanics

Kraaijenbrink, C. (Speaker)
10-Jul-2018

European Conference of the European College of Sports Sciences (ECSS)

Kraaijenbrink, C. (Speaker)
6-Jul-2018

Congress of the European Society of Biomechanics

Kraaijenbrink, C. (Contributor)
4-Jul-2017

Science & Cycling
Kraaijenbrink, C. (Speaker)
28-Jun-2017