Marijke Welvaert

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2779159/publications.pdf

Version: 2024-02-01

48 papers	1,746 citations	394421 19 h-index	289244 40 g-index
49 all docs	49 docs citations	49 times ranked	2524 citing authors

#	Article	IF	Citations
1	On the Definition of Signal-To-Noise Ratio and Contrast-To-Noise Ratio for fMRI Data. PLoS ONE, 2013, 8, e77089.	2.5	370
2	Low carbohydrate, high fat diet impairs exercise economy and negates the performance benefit from intensified training in elite race walkers. Journal of Physiology, 2017, 595, 2785-2807.	2.9	281
3	The influence of semantic constraints on bilingual word recognition during sentence reading. Journal of Memory and Language, 2011, 64, 88-107.	2.1	145
4	Prevalence of illness, poor mental health and sleep quality and low energy availability prior to the 2016 Summer Olympic Games. British Journal of Sports Medicine, 2018, 52, 47-53.	6.7	98
5	A multifactorial evaluation of illness risk factors in athletes preparing for the Summer Olympic Games. Journal of Science and Medicine in Sport, 2017, 20, 745-750.	1.3	84
6	neuRosim: AnRPackage for Generating fMRI Data. Journal of Statistical Software, 2011, 44, .	3.7	68
7	Crisis of confidence averted: Impairment of exercise economy and performance in elite race walkers by ketogenic low carbohydrate, high fat (LCHF) diet is reproducible. PLoS ONE, 2020, 15, e0234027.	2.5	58
8	The effects of intensified training on resting metabolic rate (RMR), body composition and performance in trained cyclists. PLoS ONE, 2018, 13, e0191644.	2.5	57
9	In-season monitoring of hip and groin strength, health and function in elite youth soccer: Implementing an early detection and management strategy over two consecutive seasons. Journal of Science and Medicine in Sport, 2018, 21, 988-993.	1.3	53
10	Methods of performance analysis in team invasion sports: A systematic review. Journal of Sports Sciences, 2020, 38, 2338-2349.	2.0	52
11	Citizen surveillance for environmental monitoring: combining the efforts of citizen science and crowdsourcing in a quantitative data framework. SpringerPlus, 2016, 5, 1890.	1.2	47
12	A Short-Term Ketogenic Diet Impairs Markers of Bone Health in Response to Exercise. Frontiers in Endocrinology, 2019, 10, 880.	3.5	44
13	Chronic Adherence to a Ketogenic Diet Modifies Iron Metabolism in Elite Athletes. Medicine and Science in Sports and Exercise, 2019, 51, 548-555.	0.4	41
14	A Review of fMRI Simulation Studies. PLoS ONE, 2014, 9, e101953.	2.5	38
15	Crowd surveillance: estimating citizen science reporting probabilities for insects of biosecurity concern. Journal of Pest Science, 2020, 93, 543-550.	3.7	28
16	Effect of Environmental and Feedback Interventions on Pacing Profiles in Cycling: A Meta-Analysis. Frontiers in Physiology, 2016, 7, 591.	2.8	27
17	The effects of football match congestion in an international tournament on hip adductor squeeze strength and pain in elite youth players. Journal of Sports Sciences, 2018, 36, 1167-1172.	2.0	22
18	Acute carbohydrate ingestion does not influence the post-exercise iron-regulatory response in elite keto-adapted race walkers. Journal of Science and Medicine in Sport, 2019, 22, 635-640.	1.3	22

#	Article	IF	Citations
19	Chronic Ketogenic Low Carbohydrate High Fat Diet Has Minimal Effects on Acidâ€“Base Status in Elite Athletes. Nutrients, 2018, 10, 236.	4.1	19
20	Swimming Fast When It Counts: A 7-Year Analysis of Olympic and World Championships Performance. International Journal of Sports Physiology and Performance, 2019, 14, 1132-1139.	2.3	19
21	Graded Effects of Number of Inserted Letters in Superset Priming. Experimental Psychology, 2008, 55, 54-63.	0.7	19
22	Adding Telephone and Text Support to an Obesity Management Program Improves Behavioral Adherence and Clinical Outcomes. A Randomized Controlled Crossover Trial. International Journal of Behavioral Medicine, 2019, 26, 580-590.	1.7	16
23	Subsequent Injury Risk Is Elevated Above Baseline After Return to Play: A 5-Year Prospective Study in Elite Australian Football. American Journal of Sports Medicine, 2019, 47, 2225-2231.	4.2	16
24	Aestivation dynamics of bogong moths (Agrotis infusa) in the Australian Alps and predation by wild pigs (Sus scrofa). Pacific Conservation Biology, 2018, 24, 178.	1.0	13
25	Stressed and Not Sleeping: Poor Sleep and Psychological Stress in Elite Athletes Prior to the Rio 2016 Olympic Games. International Journal of Sports Physiology and Performance, 2022, 17, 195-202.	2.3	13
26	How ignoring physiological noise can bias the conclusions from fMRI simulation results. Journal of Neuroscience Methods, 2012, 211, 125-132.	2.5	11
27	Improved Performance in National-Level Runners With Increased Training Load at 1600 and 1800Âm. International Journal of Sports Physiology and Performance, 2019, 14, 286-295.	2.3	11
28	Can the intensity of physical activity be accurately measured in older adults using questionnaires?. Journal of Science and Medicine in Sport, 2019, 22, 803-807.	1.3	11
29	Limits of use of social media for monitoring biosecurity events. PLoS ONE, 2017, 12, e0172457.	2.5	10
30	BMI is a misleading proxy for adiposity in longitudinal studies with adolescent males: The Australian LOOK study. Journal of Science and Medicine in Sport, 2019, 22, 307-310.	1.3	6
31	Glucocorticoid prescribing habits of sports medicine physicians working in high-performance sport: a 30-nation survey. British Journal of Sports Medicine, 2020, 54, 402-407.	6.7	6
32	Field hockey from the performance analystâ€™s perspective: A systematic review. International Journal of Sports Science and Coaching, 2022, 17, 220-232.	1.4	5
33	Running at Increasing Intensities in the Heat Induces Transient Gut Perturbations. International Journal of Sports Physiology and Performance, 2021, 16, 704-710.	2.3	5
34	Assessing Proprioception in an Older Population: Reliability of a Protocol Based on Active Movement Extent Discrimination. Perceptual and Motor Skills, 2021, 128, 2075-2096.	1.3	4
35	Development and Initial Validation of an Acute Readiness Monitoring Scale in Military Personnel. Frontiers in Psychology, 2021, 12, 738609.	2.1	4
36	Adaptive Smoothing as Inference Strategy. Neuroinformatics, 2013, 11, 435-445.	2.8	3

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37	The Effect of Self-Paced and Prescribed Interset Rest Strategies on Performance in Strength Training. International Journal of Sports Physiology and Performance, 2019, 14, 980-986.	2.3	3
38	High prevalence of poor sleep quality in athletes: Implications to staying healthy and performing. Journal of Science and Medicine in Sport, 2017, 20, e80.	1.3	2
39	Oral supplementation of specific collagen peptides accelerates improvement in Achilles tendon pain and function in combination with a tailored exercise program. Journal of Bodywork and Movement Therapies, 2018, 22, 862-863.	1.2	2
40	Identifying and analysing game styles and factors influencing a teamâ€™s strategy in field hockey. Journal of Sports Sciences, 2022, , 1-12.	2.0	2
41	Capture, analyse, visualise: An exemplar of performance analysis in practice in field hockey. PLoS ONE, 2022, 17, e0268171.	2.5	2
42	Drivers of adolescent adiposity: Evidence from the Australian LOOK study. Journal of Science and Medicine in Sport, 2019, 22, 1330-1334.	1.3	1
43	Anxiety and verbal learning in typically developing primary school children: Less efficient but equally effective. British Journal of Educational Psychology, 2021, 91, 584-599.	2.9	1
44	Using the Active Movement Extent Discrimination Apparatus to Test Individual Proprioception Acuity: Implications for Test Design. Perceptual and Motor Skills, 2021, 128, 283-303.	1.3	1
45	Urinary Hydroxyproline Is Only Suitable As a Biomarker for Acute Intake, Up to 6Âhr Postingestion of Collagen Proteins in â€œFree-Living,â€•Healthy, Active Males. International Journal of Sport Nutrition and Exercise Metabolism, 2019, 29, 461-465.	2.1	1
46	Stay healthy: Project outline, methodology and approach. Journal of Science and Medicine in Sport, 2017, 20, e79.	1.3	0
47	Effect of Intensified Endurance Training on Pacing and Performance in 4000-m Cycling Time Trials. International Journal of Sports Physiology and Performance, 2018, 13, 735-741.	2.3	0
48	The Potential to Change Pacing and Performance During 4000-m Cycling Time Trials Using Hyperoxia and Inspired Gas-Content Deception. International Journal of Sports Physiology and Performance, 2019, 14, 949-957.	2.3	0