Billy Sperlich

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9425040/publications.pdf

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18 papers	587 citations	687363 13 h-index	888059 17 g-index
21 all docs	21 docs citations	21 times ranked	746 citing authors

#	Article	IF	Citations
1	Assessment of Peak Oxygen Uptake with a Smartwatch and its Usefulness for Training of Runners. International Journal of Sports Medicine, 2022, 43, 642-647.	1.7	7
2	Proof-of-concept and concurrent validity of a prototype headset to assess peak oxygen uptake without a face mask. BMC Research Notes, 2022, 15, 4.	1.4	1
3	Type and intensity distribution of structured and incidental lifestyle physical activity of students and office workers: a retrospective content analysis. BMC Public Health, 2022, 22, 634.	2.9	0
4	Virtual Training of Endurance Cycling â€“ A Summary of Strengths, Weaknesses, Opportunities and Threats. Frontiers in Sports and Active Living, 2021, 3, 631101.	1.8	17
5	Monitoring and adapting endurance training on the basis of heart rate variability monitored by wearable technologies: A systematic review with meta-analysis. Journal of Science and Medicine in Sport, 2021, 24, 1180-1192.	1.3	17
6	Moving Together While Staying Apart: Practical Recommendations for 24-Hour Home-Based Movement Behaviours for Those With Cardiovascular Disease. CJC Open, 2021, 3, 1495-1504.	1.5	2
7	Predefined vs dataâ€guided training prescription based on autonomic nervous system variation: A systematic review. Scandinavian Journal of Medicine and Science in Sports, 2020, 30, 2291-2304.	2.9	17
8	Wrist-Worn Wearables for Monitoring Heart Rate and Energy Expenditure While Sitting or Performing Light-to-Vigorous Physical Activity: Validation Study. JMIR MHealth and UHealth, 2020, 8, e16716.	3.7	58
9	Behavior Change Techniques in Wrist-Worn Wearables to Promote Physical Activity: Content Analysis. JMIR MHealth and UHealth, 2020, 8, e20820.	3.7	28
10	Editorial: Wearable Sensor Technology for Monitoring Training Load and Health in the Athletic Population. Frontiers in Physiology, 2019, 10, 1520.	2.8	17
11	Mesocycles with Different Training Intensity Distribution in Recreational Runners. Medicine and Science in Sports and Exercise, 2018, 50, 1641-1648.	0.4	26
12	Integrated Framework of Load Monitoring by a Combination of Smartphone Applications, Wearables and Point-of-Care Testing Provides Feedback that Allows Individual Responsive Adjustments to Activities of Daily Living. Sensors, 2018, 18, 1632.	3.8	55
13	Necessary Steps to Accelerate the Integration of Wearable Sensors Into Recreation and Competitive Sports. Current Sports Medicine Reports, 2018, 17, 178-182.	1.2	27
14	Recommendations for Assessment of the Reliability, Sensitivity, and Validity of Data Provided by Wearable Sensors Designed for Monitoring Physical Activity. JMIR MHealth and UHealth, 2018, 6, e102.	3.7	92
15	Wearable, yes, but ableâ€¦?: it is time for evidence-based marketing claims!. British Journal of Sports Medicine, 2017, 51, 1240-1240.	6.7	58
16	Instant Biofeedback Provided by Wearable Sensor Technology Can Help to Optimize Exercise and Prevent Injury and Overuse. Frontiers in Physiology, 2017, 8, 167.	2.8	28
17	Comparison of Non-Invasive Individual Monitoring of the Training and Health of Athletes with Commercially Available Wearable Technologies. Frontiers in Physiology, 2016, 7, 71.	2.8	110
18	The SpeedCourt: Reliability, Usefulness, and Validity of a New Method to Determine Change-of-Direction Speed. International Journal of Sports Physiology and Performance, 2016, 11, 130-134.	2.3	27