

Patty Freedson

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

2,375
citations

567281

15
h-index

752698

20
g-index

23
all docs

23
docs citations

23
times ranked

3084
citing authors

#	ARTICLE	IF	CITATIONS
1	Calibration of Accelerometer Output for Children. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, S523-S530.	0.4	823
2	An artificial neural network to estimate physical activity energy expenditure and identify physical activity type from an accelerometer. <i>Journal of Applied Physiology</i> , 2009, 107, 1300-1307.	2.5	306
3	ActiGraph and Actical Physical Activity Monitors. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, S86-S89.	0.4	291
4	Assessment of Physical Activity Using Wearable Monitors. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, S1-S4.	0.4	183
5	Validity of the relative percent concept for equating training intensity. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1978, 39, 219-227.	1.2	168
6	Methods to estimate aspects of physical activity and sedentary behavior from high-frequency wrist accelerometer measurements. <i>Journal of Applied Physiology</i> , 2015, 119, 396-403.	2.5	110
7	Errors in MET Estimates of Physical Activities Using $3.5 \text{ ml} \cdot \text{kg}^{-1} \cdot \text{min}^{-1}$ as the Baseline Oxygen Consumption. <i>Journal of Physical Activity and Health</i> , 2010, 7, 508-516.	2.0	101
8	Contribution of breast volume and weight to body fat distribution in females. <i>American Journal of Physical Anthropology</i> , 1980, 53, 93-100.	2.1	87
9	Comparison of Raw Acceleration from the GENE and ActiGraph [®] , [®] GT3X+ Activity Monitors. <i>Sensors</i> , 2013, 13, 14754-14763.	3.8	56
10	Changes in Sedentary Time and Physical Activity in Response to an Exercise Training and/or Lifestyle Intervention. <i>Journal of Physical Activity and Health</i> , 2014, 11, 1324-1333.	2.0	56
11	Biomechanical examination of the "plateau phenomenon"™ in ActiGraph vertical activity counts. <i>Physiological Measurement</i> , 2012, 33, 219-230.	2.1	50
12	Direct Observation is a Valid Criterion for Estimating Physical Activity and Sedentary Behavior. <i>Journal of Physical Activity and Health</i> , 2014, 11, 860-863.	2.0	27
13	Tissue Artifact Removal from Respiratory Signals Based on Empirical Mode Decomposition. <i>Annals of Biomedical Engineering</i> , 2013, 41, 1003-1015.	2.5	24
14	Energy Cost of Common Activities in Children and Adolescents. <i>Journal of Physical Activity and Health</i> , 2013, 10, 62-69.	2.0	21
15	The Effect of Changes in Physical Activity on Sedentary Behavior: Results From a Randomized Lifestyle Intervention Trial. <i>American Journal of Health Promotion</i> , 2017, 31, 287-295.	1.7	18
16	Individualized Relative-Intensity Physical Activity Accelerometer Cut Points. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 398-407.	0.4	14
17	Empirical mode decomposition applied to tissue artifact removal from respiratory signal. , 2008, 2008, 3624-7.		11
18	Design of a wearable multi-sensor system for physical activity assessment. , 2010, , .		11

#	ARTICLE	IF	CITATIONS
19	Improved regression models for ventilation estimation based on chest and abdomen movements. <i>Physiological Measurement</i> , 2012, 33, 79-93.	2.1	11
20	Simple to complex modeling of breathing volume using a motion sensor. <i>Science of the Total Environment</i> , 2013, 454-455, 184-188.	8.0	5
21	Sensitivity of the Misfit Shine to Detect Changes in Laboratory-Based and Free-Living Physical Activity. <i>Journal for the Measurement of Physical Behaviour</i> , 2018, 1, 18-25.	0.8	1
22	Reply to Bonomi and Plasqui. <i>Journal of Applied Physiology</i> , 2012, 112, 933-933.	2.5	1
23	Validation of a Popular Consumer Activity Tracker. <i>Journal for the Measurement of Physical Behaviour</i> , 2018, 1, 97-99.	0.8	0