

Jiawei Bai

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9106173/publications.pdf>

Version: 2024-02-01

19
papers

580
citations

933447

10
h-index

839539

18
g-index

23
all docs

23
docs citations

23
times ranked

860
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing the "Physical Cliff": Detailed Quantification of Age-Related Differences in Daily Patterns of Physical Activity. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014, 69, 973-979.	3.6	152
2	An Activity Index for Raw Accelerometry Data and Its Comparison with Other Activity Metrics. <i>PLoS ONE</i> , 2016, 11, e0160644.	2.5	92
3	The Evolutionary Divergence of Shiga Toxin-Producing <i>Escherichia coli</i> Is Reflected in Clustered Regularly Interspaced Short Palindromic Repeat (CRISPR) Spacer Composition. <i>Applied and Environmental Microbiology</i> , 2013, 79, 5710-5720.	3.1	74
4	Accelerometry Data in Health Research: Challenges and Opportunities. <i>Statistics in Biosciences</i> , 2019, 11, 210-237.	1.2	69
5	Predicting Human Movement with Multiple Accelerometers Using Movelets. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 1859-1866.	0.4	33
6	Normalization and extraction of interpretable metrics from raw accelerometry data. <i>Biostatistics</i> , 2014, 15, 102-116.	1.5	31
7	Movelets: A dictionary of movement. <i>Electronic Journal of Statistics</i> , 2012, 6, 559-578.	0.7	28
8	Joint and Individual Representation of Domains of Physical Activity, Sleep, and Circadian Rhythmicity. <i>Statistics in Biosciences</i> , 2019, 11, 371-402.	1.2	27
9	A Two-stage Model for Wearable Device Data. <i>Biometrics</i> , 2018, 74, 744-752.	1.4	14
10	Physical Activity and Adiposity in a Racially Diverse Cohort of US Infants. <i>Obesity</i> , 2020, 28, 631-637.	3.0	13
11	Fetal heart rate during maternal sleep. <i>Developmental Psychobiology</i> , 2021, 63, 945-959.	1.6	11
12	Brain amyloid burden, sleep, and 24-hour rest/activity rhythms: screening findings from the Anti-Amyloid Treatment in Asymptomatic Alzheimer's™s and Longitudinal Evaluation of Amyloid Risk and Neurodegeneration Studies. <i>SLEEP Advances</i> , 2021, 2, zpab015.	0.2	9
13	A practical guide to big data. <i>Statistics and Probability Letters</i> , 2018, 136, 25-29.	0.7	8
14	Multilevel Matrix-Variate Analysis and its Application to Accelerometry-Measured Physical Activity in Clinical Populations. <i>Journal of the American Statistical Association</i> , 2019, 114, 553-564.	3.1	6
15	Data mining-based model and risk prediction of colorectal cancer by using secondary health data: A systematic review. <i>Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association</i> , Beijing Institute for Cancer Research, 2020, 32, 242-251.	2.2	6
16	Methods for Step Count Data: Determining "Valid" Days and Quantifying Fragmentation of Walking Bouts. <i>Gait and Posture</i> , 2020, 81, 205-212.	1.4	2
17	Longitudinal changes in sleep patterns and circadian rhythm metrics in preschool-age children from Northern Mexico. <i>Sleep Health</i> , 2021, 7, 628.	2.5	1
18	Development of circadian rest-activity rhythms during the first year of life in a racially diverse cohort. <i>Sleep</i> , 2022, 45, .	1.1	1

#	ARTICLE	IF	CITATIONS
19	0155 Agreement between survey and actigraphy-assessed sleep timing among adolescents in the Family Life, Activity, Sun, Health, and Eating (FLASHE) study. <i>Sleep</i> , 2022, 45, A72-A72.	1.1	0