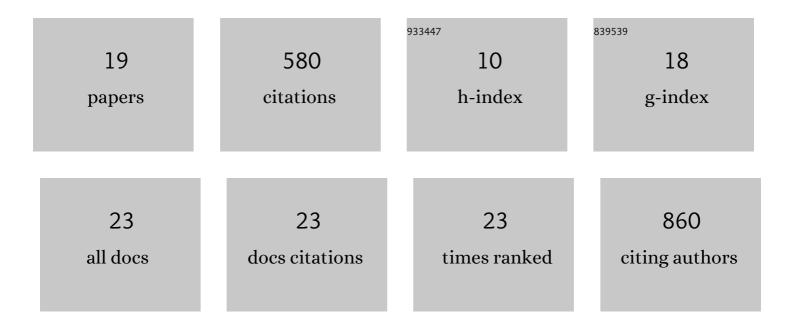
Jiawei Bai

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9106173/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Assessing the "Physical Cliff": Detailed Quantification of Age-Related Differences in Daily Patterns of Physical Activity. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2014, 69, 973-979.	3.6	152
2	An Activity Index for Raw Accelerometry Data and Its Comparison with Other Activity Metrics. PLoS ONE, 2016, 11, e0160644.	2.5	92
3	The Evolutionary Divergence of Shiga Toxin-Producing Escherichia coli Is Reflected in Clustered Regularly Interspaced Short Palindromic Repeat (CRISPR) Spacer Composition. Applied and Environmental Microbiology, 2013, 79, 5710-5720.	3.1	74
4	Accelerometry Data in Health Research: Challenges and Opportunities. Statistics in Biosciences, 2019, 11, 210-237.	1.2	69
5	Predicting Human Movement with Multiple Accelerometers Using Movelets. Medicine and Science in Sports and Exercise, 2014, 46, 1859-1866.	0.4	33
6	Normalization and extraction of interpretable metrics from raw accelerometry data. Biostatistics, 2014, 15, 102-116.	1.5	31
7	Movelets: A dictionary of movement. Electronic Journal of Statistics, 2012, 6, 559-578.	0.7	28
8	Joint and Individual Representation of Domains of Physical Activity, Sleep, and Circadian Rhythmicity. Statistics in Biosciences, 2019, 11, 371-402.	1.2	27
9	A Two-stage Model for Wearable Device Data. Biometrics, 2018, 74, 744-752.	1.4	14
10	Physical Activity and Adiposity in a Racially Diverse Cohort of US Infants. Obesity, 2020, 28, 631-637.	3.0	13
11	Fetal heart rate during maternal sleep. Developmental Psychobiology, 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 and Longitudinal Evaluation of Amyloid Risk and Neurodegeneration Studies. SLEEP Advances, 2021, 2, zpab015.	0.2	9
13	A practical guide to big data. Statistics and Probability Letters, 2018, 136, 25-29.	0.7	8
14	Multilevel Matrix-Variate Analysis and its Application to Accelerometry-Measured Physical Activity in Clinical Populations. Journal of the American Statistical Association, 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. Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, 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. Gait and Posture, 2020, 81, 205-212.	1.4	2
17	Longitudinal changes in sleep patterns and circadian rhythm metrics in preschool-age children from Northern Mexico. Sleep Health, 2021, 7, 628.	2.5	1
18	Development of circadian rest-activity rhythms during the first year of life in a racially diverse cohort. Sleep, 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. Sleep, 2022, 45, A72-A72.	1.1	0