Matthew M Engelhard

List of Publications by Year
in descending order

30 papers	418 citations	11 h-index 840776	19 g-index 794594
36 all docs	36 docs citations	36 times ranked	662 citing authors

#	Article	IF	Citations
1	Regularity and Timing of Sleep Patterns and Behavioral Health Among Adolescents. Journal of Developmental and Behavioral Pediatrics, 2022, 43, 188-196.	1.1	2
2	Impact of daily caffeine intake and timing on electroencephalogram-measured sleep in adolescents. Journal of Clinical Sleep Medicine, 2022, 18, 877-884.	2.6	13
3	Sleep onset, duration, or regularity: which matters most for child adiposity outcomes?. International Journal of Obesity, 2022, 46, 1502-1509.	3.4	6
4	A Disease Identification Algorithm for Medical Crowdfunding Campaigns: Validation Study. Journal of Medical Internet Research, 2022, 24, e32867.	4.3	1
5	Prediction of Smoking Risk From Repeated Sampling of Environmental Images: Model Validation. Journal of Medical Internet Research, 2021, 23, e27875.	4.3	1
6	Identifying neural signatures of tobacco retail outlet exposure: Preliminary validation of a â€œcommunity neuroscienceâ€•paradigm. Addiction Biology, 2021, 26, e13029.	2.6	3
7	Incremental Benefits of Machine Learningâ€"When Do We Need a Better Mousetrap?. JAMA Cardiology, 2021, 6, 621.	6.1	15
8	Patterns of Health Services Use Before Age 1 in Children Later Diagnosed With ADHD. Journal of Attention Disorders, 2021, 25, 1639-1639.	2.6	0
9	Review of Popularity and Quality Standards of Opioid-Related Smartphone Apps. Current Addiction Reports, 2020, 7, 486-496.	3.4	13
10	Health system utilization before age 1 among children later diagnosed with autism or ADHD. Scientific Reports, 2020, 10, 17677.	3.3	9
11	Digital envirotyping: quantifying environmental determinants of health and behavior. Npj Digital Medicine, 2020, 3, 36.	10.9	8
12	Sleep/Wake Regularity Associated with Default Mode Network Structure among Healthy Adolescents and Young Adults. Scientific Reports, 2020, 10, 509.	3.3	34
13	Feasibility and Acceptability of Wearable Sleep Electroencephalogram Device Use in Adolescents: Observational Study. JMIR MHealth and UHealth, 2020, 8, e20590.	3.7	9
14	The Many Channels of Screen Media Technology in ADHD: a Paradigm for Quantifying Distinct Risks and Potential Benefits. Current Psychiatry Reports, 2019, 21, 90.	4.5	8
15	Identifying Smoking Environments From Images of Daily Life With Deep Learning. JAMA Network Open, 2019, 2, e197939.	5.9	8
16	Understanding the Physiological Significance of Four Inertial Gait Features in Multiple Sclerosis. IEEE Journal of Biomedical and Health Informatics, 2018, 22, 40-46.	6.3	13
17	Real-world walking in multiple sclerosis: Separating capacity from behavior. Gait and Posture, 2018, 59, 211-216.	1.4	17
18	Optimising mHealth helpdesk responsiveness in South Africa: towards automated message triage. BMJ Global Health, 2018, 3, e000567.	4.7	10

#	Article	IF	Citations
19	Validation of the Sleep Regularity Index in Older Adults and Associations with Cardiometabolic Risk. Scientific Reports, 2018, 8, 14158.	3.3	120
20	Predicting Smoking Events with a Time-Varying Semi-Parametric Hawkes Process Model. Proceedings of Machine Learning Research, 2018, 85, 312-331.	0.3	2
21	Remotely engaged: Lessons from remote monitoring in multiple sclerosis. International Journal of Medical Informatics, 2017, 100, 26-31.	3.3	28
22	Relationship between kernel density function estimates of gait time series and clinical data. , 2017, , .		2
23	Demonstrating the real-world significance of the mid-swing to heel strike part of the gait cycle using spectral features. , 2017, , .		1
24	Adaptive symptom reporting for mobile patient-reported disability assessment. , 2016, , .		0
25	The e-MSWS-12: improving the multiple sclerosis walking scale using item response theory. Quality of Life Research, 2016, 25, 3221-3230.	3.1	16
26	Quantifying six-minute walk induced gait deterioration with inertial sensors in multiple sclerosis subjects. Gait and Posture, 2016, 49, 340-345.	1.4	40
27	Fatigue and fluid hydration status in multiple sclerosis: A hypothesis. Multiple Sclerosis Journal, 2016, 22, 1438-1443.	3.0	18
28	Determining physiological significance of inertial gait features in multiple sclerosis. , 2016, , .		3
29	Toward Detection and Monitoring of Gait Pathology using Inertial Sensors under Rotation, Scale, and Offset Invariant Dynamic Time Warping. , 2015, , .		7
30	Correlations between Inertial Body Sensor Measures and Clinical Measures in Multiple Sclerosis. , 2015, , .		6