Akane Sano

List of Publications by Year
in descending order

28 papers	1,840 citations	1163117 8 h-index	940533 16 g-index
33 all docs	33 docs citations	33 times ranked	1957 citing authors

#	Article	IF	Citations
1	Stress Recognition Using Wearable Sensors and Mobile Phones. , 2013, , .		345
2	Irregular sleep/wake patterns are associated with poorer academic performance and delayed circadian and sleep/wake timing. Scientific Reports, 2017, 7, 3216.	3.3	325
3	Identifying Objective Physiological Markers and Modifiable Behaviors for Self-Reported Stress and Mental Health Status Using Wearable Sensors and Mobile Phones: Observational Study. Journal of Medical Internet Research, 2018, 20, e210.	4.3	230
4	Recognizing academic performance, sleep quality, stress level, and mental health using personality traits, wearable sensors and mobile phones. , 2015, 2015, .		173
5	Automatic identification of artifacts in electrodermal activity data. , 2015, 2015, 1934-7.		159
6	Quantitative analysis of wrist electrodermal activity during sleep. International Journal of Psychophysiology, 2014, 94, 382-389.	1.0	114
7	Predicting students' happiness from physiology, phone, mobility, and behavioral data. , 2015, 2015, 222-228.		101
8	Improving Students' Daily Life Stress Forecasting using LSTM Neural Networks. , 2019, , .		58
9	Irregular sleep and event schedules are associated with poorer self-reported well-being in US college students. Sleep, 2020, 43, .	1.1	57
10	Extraction and Interpretation of Deep Autoencoder-based Temporal Features from Wearables for Forecasting Personalized Mood, Health, and Stress. , 2020, 4, 1-26.		49
11	Personalized Wellbeing Prediction using Behavioral, Physiological and Weather Data. , 2019, , .		42
12	Multimodal Ambulatory Sleep Detection Using LSTM Recurrent Neural Networks. IEEE Journal of Biomedical and Health Informatics, 2019, 23, 1607-1617.	6.3	37
13	Using behavioral rhythms and multi-task learning to predict fine-grained symptoms of schizophrenia. Scientific Reports, 2020, 10, 15100.	3.3	29
14	Comparison of sleep-wake classification using electroencephalogram and wrist-worn multi-modal sensor data. , 2014, 2014, 930-3.		21
15	Robust stability of melatonin circadian phase, sleep metrics, and chronotype across months in young adults living in real‑world settings. Journal of Pineal Research, 2021, 70, e12720.	7.4	19
16	Passive Sensor Data Based Future Mood, Health, and Stress Prediction: User Adaptation Using Deep Learning. , 2020, 2020, 5884-5887.		15
17	Multimodal ambulatory sleep detection. , 2017, 2017, 465-468.		13
18	Predicting Psychotic Relapse in Schizophrenia With Mobile Sensor Data: Routine Cluster Analysis. JMIR MHealth and UHealth, 2022, 10, e31006.	3.7	12

#	Article	IF	Citations
19	A classification approach to estimating human circadian phase under circadian alignment from actigraphy and photometry data. Journal of Pineal Research, 2021, 71, e12745.	7.4	9
20	Using Mobile Sensors to Study Personality Dynamics. European Journal of Psychological Assessment, 2020, 36, 935-947.	3.0	7
21	Toward End-to-end Prediction of Future Wellbeing using Deep Sensor Representation Learning. , 2019, , .		4
22	Patient-Independent Schizophrenia Relapse Prediction Using Mobile Sensor Based Daily Behavioral Rhythm Changes. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 18-33.	0.3	4
23	Internet-Based Individualized Cognitive Behavioral Therapy for Shift Work Sleep Disorder Empowered by Well-Being Prediction: Protocol for a Pilot Study. JMIR Research Protocols, 2021, 10, e24799.	1.0	3
24	Measuring Health-Related Quality of Life With Multimodal Data: Viewpoint. Journal of Medical Internet Research, 2022, 24, e35951.	4.3	3
25	Sensor-Based Estimation of Dim Light Melatonin Onset Using Features of Two Time Scales. ACM Transactions on Computing for Healthcare, 2021, 2, 1-15.	5.0	2
26	Mobile Sensing of Alertness, Sleep and Circadian Rhythm. GetMobile (New York, N Y), 2020, 23, 16-22.	1.0	2
27	Health Label and Behavioral Feature Prediction Using Bayesian Hierarchical Vector Autoregression Models. , 2021, 2021, 2290-2293.		1
28	Mental State, Mood, and Emotion. IEEE Pervasive Computing, 2022, 21, 8-9.	1.3	1