Sudip Vhaduri

List of Publications by Year
in descending order

28	618	1163117	1474206
papers	citations	8	9
		h-index	g-index

28	28	28	265
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	On-Phone CNN Model-Based Implicit Authentication to Secure IoT Wearables. EAI/Springer Innovations in Communication and Computing, 2023, , 19-34.	1.1	10
2	Opportunistic Multi-Modal User Authentication for Health-Tracking IoT Wearables. EAI/Springer Innovations in Communication and Computing, 2023, , 1-18.	1.1	8
3	Opportunistic Discovery of Personal Places Using Multi-Source Sensor Data. IEEE Transactions on Big Data, 2021, 7, 383-396.	6.1	23
4	Biometrics for Wearable Devices. , 2021, , 1-4.		0
5	Predicting Next Call Duration: A Future Direction to Promote Mental Health in the Age of Lockdown. , 2021, , .		7
6	Effect of Noise on Generic Cough Models. , 2021, , .		9
7	Deriving College Students' Phone Call Patterns to Improve Student Life. IEEE Access, 2021, 9, 96453-96465.	4.2	12
8	HIAuth: A Hierarchical Implicit Authentication System for IoT Wearables Using Multiple Biometrics. IEEE Access, 2021, 9, 116395-116406.	4.2	17
9	Visualizing College Students' Geo-Temporal Context-Varying Significant Phone Call Patterns. , 2021, , .		6
10	Context-Dependent Implicit Authentication for Wearable Device Users. , 2020, , .		16
11	Continuous Authentication of Wearable Device Users from Heart Rate, Gait, and Breathing Data. , 2020, , .		15
12	Estimating Sleep Duration from Temporal Factors, Daily Activities, and Smartphone Use. , 2020, , .		21
13	Adherence to Personal Health Devices. , 2020, , .		18
14	Nocturnal Cough and Snore Detection Using Smartphones in Presence of Multiple Background-Noises. , 2020, , .		18
15	Multi-Modal Biometric-Based Implicit Authentication of Wearable Device Users. IEEE Transactions on Information Forensics and Security, 2019, 14, 3116-3125.	6.9	87
16	Nocturnal Cough and Snore Detection in Noisy Environments Using Smartphone-Microphones. , 2019, , .		39
17	Hierarchical Cooperative Discovery of Personal Places from Location Traces. IEEE Transactions on Mobile Computing, 2018, 17, 1865-1878.	5.8	30
18	Impact of different pre-sleep phone use patterns on sleep quality. , 2018, , .		24

#	Article	IF	Citations
19	Opportunistic Discovery of Personal Places Using Smartphone and Fitness Tracker Data. , 2018, , .		21
20	Design Factors of Longitudinal Smartphone-based Health Surveys. Journal of Healthcare Informatics Research, 2017, 1, 52-91.	7.6	27
21	Towards Reliable Wearable-User Identification. , 2017, , .		16
22	Wearable device user authentication using physiological and behavioral metrics. , 2017, , .		33
23	Discovering places of interest using sensor data from smartphones and wearables. , 2017, , .		26
24	Human Factors in the Design of Longitudinal Smartphone-based Wellness Surveys. , 2016, , .		26
25	Assessing health trends of college students using smartphones. , 2016, , .		29
26	Cooperative Discovery of Personal Places from Location Traces. , 2016, , .		29
27	Design and Implementation of a Remotely Configurable and Manageable Well-being Study. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2016, , 179-191.	0.3	14
28	Estimating Drivers' Stress from GPS Traces. , 2014, 2014, .		37