Zhanna Sarsenbayeva

List of Publications by Year
in descending order

35	480	1478280 6	1199470 12
papers	citations	h-index	g-index

37	37	37	297
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Behavioral and Physiological Signals-Based Deep Multimodal Approach for Mobile Emotion Recognition. IEEE Transactions on Affective Computing, 2023, 14, 1082-1097.	5.7	20
2	Near-infrared Imaging for Information Embedding and Extraction with Layered Structures. ACM Transactions on Graphics, 2023, 42, 1-26.	4.9	2
3	Methodological Standards in Accessibility Research on Motor Impairments: A Survey. ACM Computing Surveys, 2023, 55, 1-35.	16.1	4
4	Impact of the global pandemic upon young people's use of technology for emotion regulation. Computers in Human Behavior Reports, 2022, 6, 100192.	2.3	9
5	A System for Computational Assessment of Hand Hygiene Techniques. Journal of Medical Systems, 2022, 46, 36.	2.2	4
6	Benchmarking commercial emotion detection systems using realistic distortions of facial image datasets. Visual Computer, 2021, 37, 1447-1466.	2.5	24
7	User Trust in Assisted Decision-Making Using Miniaturized Near-Infrared Spectroscopy. , 2021, , .		4
8	Challenges of Emotion Detection Using Facial Expressions and Emotion Visualisation in Remote Communication. , 2021, , .		7
9	Electronic Monitoring Systems for Hand Hygiene: Systematic Review of Technology. Journal of Medical Internet Research, 2021, 23, e27880.	2.1	22
10	Overcoming compliance bias in self-report studies: A cross-study analysis. International Journal of Human Computer Studies, 2020, 134, 1-12.	3.7	36
11	Application of miniaturized near-infrared spectroscopy in pharmaceutical identification. Smart Health, 2020, 18, 100126.	2.0	4
12	Does Smartphone Use Drive our Emotions or vice versa? A Causal Analysis. , 2020, , .		38
13	"Hi! I am the Crowd Tasker" Crowdsourcing through Digital Voice Assistants. , 2020, , .		14
14	Using Video Games to Regulate Emotions. , 2020, , .		8
15	Accurate Measurement of Handwash Quality Using Sensor Armbands: Instrument Validation Study. JMIR MHealth and UHealth, 2020, 8, e17001.	1.8	23
16	Addressing the Challenges of Situationally-Induced Impairments and Disabilities in Mobile Interaction. , 2019, , .		4
17	Measuring the Effects of Stress on Mobile Interaction. , 2019, 3, 1-18.		26
18	Improving wearable sensor data quality using context markers. , 2019, , .		11

#	Article	IF	Citations
19	Energy-efficient prediction of smartphone unlocking. Personal and Ubiquitous Computing, 2019, 23, 159-177.	1.9	2
20	Effect of Ambient Light on Mobile Interaction. Lecture Notes in Computer Science, 2019, , 465-475.	1.0	4
21	Probing Sucrose Contents in Everyday Drinks Using Miniaturized Near-Infrared Spectroscopy Scanners. , 2019, 3, 1-25.		16
22	Inferring the Mood of a Community From Their Walking Speed. , 2018, , .		2
23	Situational Impairments during Mobile Interaction. , 2018, , .		6
24	A Mobile Scanner for Probing Liquid Samples in Everyday Settings. , 2018, , .		1
25	Ubiquitous Mobile Sensing. , 2018, , .		5
26	Effect of Distinct Ambient Noise Types on Mobile Interaction. , 2018, 2, 1-23.		22
27	Assisted Medication Management in Elderly Care Using Miniaturised Near-Infrared Spectroscopy. , 2018, 2, 1-24.		17
28	Pac-Many. , 2018, , .		15
29	Quantifying Sources and Types of Smartwatch Usage Sessions. , 2017, , .		37
30	Vision-based happiness inference. , 2017, , .		6
31	Sensing Cold-Induced Situational Impairments in Mobile Interaction Using Battery Temperature. , 2017, 1, 1-9.		13
32	Challenges of situational impairments during interaction with mobile devices. , 2017, , .		33
33	Impact of mood changes on application selection. , 2016, , .		10
34	Tapping Task Performance on Smartphones in Cold Temperature. Interacting With Computers, 2016, , .	1.0	5
35	Situational impairments to mobile interaction in cold environments. , 2016, , .		25