

Ridwan Alam

List of Publications by Year in descending order

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19
papers

253
citations

1478280

6
h-index

1199470

12
g-index

25
all docs

25
docs citations

25
times ranked

299
citing authors

#	ARTICLE	IF	CITATIONS
1	Validity and Feasibility of the Monitoring and Modeling Family Eating Dynamics System to Automatically Detect In-field Family Eating Behavior: Observational Study. JMIR MHealth and UHealth, 2022, 10, e30211.	1.8	4
2	Deploying the Behavioral and Environmental Sensing and Intervention for Cancer Smart Health System to Support Patients and Family Caregivers in Managing Pain: Feasibility and Acceptability Study. JMIR Cancer, 2022, 8, e36879.	0.9	8
3	Wearable Respiration Monitoring: Interpretable Inference With Context and Sensor Biomarkers. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 1938-1948.	3.9	5
4	BESI: Behavioral and Environmental Sensing and Intervention for Dementia Caregiver Empowermentâ€”Phases 1 and 2. American Journal of Alzheimer's Disease and Other Dementias, 2020, 35, 153331752090668.	0.9	23
5	Automatic, wearable-based, in-field eating detection approaches for public health research: a scoping review. Npj Digital Medicine, 2020, 3, 38.	5.7	64
6	Behavioral Interventions for Alzheimerâ€™s Management Using Technology: Home-Based Monitoring. Current Geriatrics Reports, 2020, 9, 90-100.	1.1	10
7	Understanding the Experience of Cancer Pain From the Perspective of Patients and Family Caregivers to Inform Design of an In-Home Smart Health System: Multimethod Approach. JMIR Formative Research, 2020, 4, e20836.	0.7	8
8	Besi: behavior learning and tracking with wearable and in-home sensors - a dementia case-study. , 2019, , .		2
9	Sensing eating mimicry among family members. Translational Behavioral Medicine, 2019, 9, 422-430.	1.2	9
10	Non-Invasive Inference of Minute Ventilation Using Wearable ECG and Gaussian Process Regression. , 2019, , .		4
11	Inferring Respiratory Minute Volume from Wrist Motion. , 2019, 2019, 6935-6938.		3
12	Multiple-Instance Learning for Sparse Behavior Modeling from Wearables: Toward Dementia-Related Agitation Prediction. , 2019, 2019, 1330-1333.		11
13	Agitation Monitoring and Prevention System for Dementia Caregiver Empowerment. Computer, 2019, 52, 30-39.	1.2	16
14	Leveraging Smart Health Technology to Empower Patients and Family Caregivers in Managing Cancer Pain: Protocol for a Feasibility Study. JMIR Research Protocols, 2019, 8, e16178.	0.5	18
15	Inferring physical agitation in dementia using smartwatch and sequential behavior models. , 2018, , .		26
16	Mind the gaps: Edge-based monitoring for continuous room-level location tracking. Smart Health, 2018, 9-10, 297-306.	2.0	3
17	Motion Biomarkers for Early Detection of Dementia-Related Agitation. , 2017, , .		18
18	M^2G: A Monitor of Monitoring Systems with Ground Truth Validation Features for Research-Oriented Residential Applications. , 2017, , .		3

#	ARTICLE	IF	CITATIONS
19	BESI: Reliable and Heterogeneous Sensing and Intervention for In-home Health Applications. , 2017, , .		14