

Ridwan Alam

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4470038/publications.pdf>

Version: 2024-02-01

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

| # | ARTICLE | IF | CITATIONS |
|----|---|----|-----------|
| 19 | Besi: behavior learning and tracking with wearable and in-home sensors - a dementia case-study. , 2019, , · | | 2 |