

Hristijan Gjoreski

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

1,663
citations

516710

16
h-index

526287

27
g-index

59
all docs

59
docs citations

59
times ranked

1393
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Monitoring stress with a wrist device using context. Journal of Biomedical Informatics, 2017, 73, 159-170. | 4.3 | 228 |
| 2 | The University of Sussex-Huawei Locomotion and Transportation Dataset for Multimodal Analytics With Mobile Devices. IEEE Access, 2018, 6, 42592-42604. | 4.2 | 181 |
| 3 | Continuous stress detection using a wrist device. , 2016, , . | | 131 |
| 4 | Accelerometer Placement for Posture Recognition and Fall Detection. , 2011, , . | | 123 |
| 5 | Enabling Reproducible Research in Sensor-Based Transportation Mode Recognition With the Sussex-Huawei Dataset. IEEE Access, 2019, 7, 10870-10891. | 4.2 | 119 |
| 6 | How Accurately Can Your Wrist Device Recognize Daily Activities and Detect Falls?. Sensors, 2016, 16, 800. | 3.8 | 95 |
| 7 | Automatic Detection of Perceived Stress in Campus Students Using Smartphones. , 2015, , . | | 56 |
| 8 | Summary of the Sussex-Huawei locomotion-transportation recognition challenge 2019. , 2019, , . | | 46 |
| 9 | Context-based ensemble method for human energy expenditure estimation. Applied Soft Computing Journal, 2015, 37, 960-970. | 7.2 | 42 |
| 10 | Datasets for Cognitive Load Inference Using Wearable Sensors and Psychological Traits. Applied Sciences (Switzerland), 2020, 10, 3843. | 2.5 | 42 |
| 11 | Summary of the sussex-huawei locomotion-transportation recognition challenge 2020. , 2020, , . | | 36 |
| 12 | Efficient Activity Recognition and Fall Detection Using Accelerometers. Communications in Computer and Information Science, 2013, , 13-23. | 0.5 | 32 |
| 13 | Detection of Gait Abnormalities for Fall Risk Assessment Using Wrist-Worn Inertial Sensors and Deep Learning. Sensors, 2020, 20, 5373. | 3.8 | 31 |
| 14 | Title is missing!. Journal of Medical and Biological Engineering, 2013, 33, 406. | 1.8 | 30 |
| 15 | Competitive Live Evaluations of Activity-Recognition Systems. IEEE Pervasive Computing, 2015, 14, 70-77. | 1.3 | 29 |
| 16 | HouEEC: Day-Ahead Household Electrical Energy Consumption Forecasting Using Deep Learning. Energies, 2020, 13, 2672. | 3.1 | 29 |
| 17 | Locomotion and Transportation Mode Recognition from GPS and Radio Signals: Summary of SHL Challenge 2021. , 2021, , . | | 28 |
| 18 | A Versatile Annotated Dataset for Multimodal Locomotion Analytics with Mobile Devices. , 2017, , . | | 26 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Benchmarking the SHL Recognition Challenge with Classical and Deep-Learning Pipelines. , 2018, , . | | 24 |
| 20 | Telehealth using ECG sensor and accelerometer. , 2014, , . | | 23 |
| 21 | Context-based fall detection and activity recognition using inertial and location sensors. Journal of Ambient Intelligence and Smart Environments, 2014, 6, 419-433. | 1.4 | 22 |
| 22 | A Multi-Agent Care System to Support Independent Living. International Journal on Artificial Intelligence Tools, 2014, 23, 1440001. | 1.0 | 22 |
| 23 | Unsupervised online activity discovery using temporal behaviour assumption. , 2017, , . | | 20 |
| 24 | Context-Based Fall Detection Using Inertial and Location Sensors. Lecture Notes in Computer Science, 2012, , 1-16. | 1.3 | 19 |
| 25 | RAReFall — Real-time activity recognition and fall detection system. , 2014, , . | | 18 |
| 26 | Fall Detection Using Location Sensors and Accelerometers. IEEE Pervasive Computing, 2015, 14, 72-79. | 1.3 | 17 |
| 27 | High reliability Android application for multidevice multimodal mobile data acquisition and annotation. , 2017, , . | | 16 |
| 28 | Three-Year Review of the 2018â€™2020 SHL Challenge on Transportation and Locomotion Mode Recognition From Mobile Sensors. Frontiers in Computer Science, 2021, 3, . | 2.8 | 16 |
| 29 | Cognitive Load Monitoring With Wearablesâ€™Lessons Learned From a Machine Learning Challenge. IEEE Access, 2021, 9, 103325-103336. | 4.2 | 16 |
| 30 | Activity/Posture Recognition using Wearable Sensors Placed on Different Body Locations. , 2011, , . | | 16 |
| 31 | Smartwatch-Based Eating Detection: Data Selection for Machine Learning from Imbalanced Data with Imperfect Labels. Sensors, 2021, 21, 1902. | 3.8 | 13 |
| 32 | emteqPRO: Face-mounted Mask for Emotion Recognition and Affective Computing. , 2021, , . | | 12 |
| 33 | Breathing Rate Estimation from Head-Worn Photoplethysmography Sensor Data Using Machine Learning. Sensors, 2022, 22, 2079. | 3.8 | 12 |
| 34 | Using Smartwatch as Telecare and Fall Detection Device. , 2016, , . | | 11 |
| 35 | Cross-dataset deep transfer learning for activity recognition. , 2019, , . | | 11 |
| 36 | Ensembles of multiple sensors for human energy expenditure estimation. , 2013, , . | | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Human and Machine Recognition of Transportation Modes from Body-Worn Camera Images. , 2019, , . | | 9 |
| 38 | Wearable Sensors Data-Fusion and Machine-Learning Method for Fall Detection and Activity Recognition. Studies in Systems, Decision and Control, 2020, , 81-96. | 1.0 | 9 |
| 39 | Deep affect recognition from R-R intervals. , 2017, , . | | 8 |
| 40 | Head-AR: Human Activity Recognition with Head-Mounted IMU Using Weighted Ensemble Learning. Smart Innovation, Systems and Technologies, 2021, , 153-167. | 0.6 | 6 |
| 41 | Analysis of Deep Transfer Learning Using DeepConvLSTM for Human Activity Recognition from Wearable Sensors. Informatica (Slovenia), 2021, 45, . | 0.9 | 5 |
| 42 | Automatic Text Generation in Macedonian Using Recurrent Neural Networks. Communications in Computer and Information Science, 2019, , 1-12. | 0.5 | 5 |
| 43 | Human Activity Recognition: From Controlled Lab Experiments to Competitive Live Evaluation. , 2015, , . | | 3 |
| 44 | Intelligent assistant carer for active aging. Eurasip Journal on Advances in Signal Processing, 2017, 2017, . | 1.7 | 3 |
| 45 | Wild by Design: Workshop on Designing Ubiquitous Health Monitoring Technologies for Challenging Environments. , 2021, , . | | 2 |
| 46 | Differentially Private Federated Learning for Anomaly Detection in eHealth Networks. , 2021, , . | | 2 |
| 47 | Person Identification by Analyzing Door Accelerations in Time and Frequency Domain. Lecture Notes in Computer Science, 2015, , 60-76. | 1.3 | 2 |
| 48 | Electrical Energy Consumption Prediction Using Machine Learning. Communications in Computer and Information Science, 2019, , 72-82. | 0.5 | 2 |
| 49 | GUIDL IA: An intelligent assistant for aiding visually impaired in using GUIDL. , 2015, , . | | 1 |
| 50 | Identifying a person with door-mounted accelerometer. Journal of Ambient Intelligence and Smart Environments, 2018, 10, 361-375. | 1.4 | 1 |
| 51 | 7th international workshop on human activity sensing corpus and applications (HASCA). , 2019, , . | | 1 |
| 52 | 9th International Workshop on Human Activity Sensing Corpus and Applications (HASCA). , 2021, , . | | 1 |
| 53 | 8th international workshop on human activity sensing corpus and applications (HASCA). , 2020, , . | | 1 |
| 54 | Personalised Gait Recognition for People with Neurological Conditions. Sensors, 2022, 22, 3980. | 3.8 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Intelligent System to Assist the Independent Living of the Elderly. , 2017, , . | | 0 |
| 56 | Flash Crowd Management in Beyond 5G Systems. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 48-57. | 0.3 | 0 |
| 57 | 6th International Workshop on Human Activity Sensing Corpus and Applications (HASCA). , 2018, , . | | 0 |
| 58 | Benchmark Performance for the Sussex-Huawei Locomotion and Transportation Recognition Challenge 2018. Springer Series in Adaptive Environments, 2019, , 153-170. | 0.3 | 0 |