Hristijan Gjoreski

List of Publications by Year
in descending order

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	Breathing Rate Estimation from Head-Worn Photoplethysmography Sensor Data Using Machine Learning. Sensors, 2022, 22, 2079.	3.8	12
2	Personalised Gait Recognition for People with Neurological Conditions. Sensors, 2022, 22, 3980.	3.8	1
3	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
4	Smartwatch-Based Eating Detection: Data Selection for Machine Learning from Imbalanced Data with Imperfect Labels. Sensors, 2021, 21, 1902.	3.8	13
5	Analysis of Deep Transfer Learning Using DeepConvLSTM for Human Activity Recognition from Wearable Sensors. Informatica (Slovenia), 2021, 45, .	0.9	5
6	Wild by Design: Workshop on Designing Ubiquitous Health Monitoring Technologies for Challenging Environments. , 2021, , .		2
7	Locomotion and Transportation Mode Recognition from GPS and Radio Signals: Summary of SHL Challenge 2021. , 2021, , .		28
8	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
9	Differentially Private Federated Learningfor Anomaly Detection in eHealth Networks. , 2021, , .		2
10	emteqPRO: Face-mounted Mask for Emotion Recognition and Affective Computing. , 2021, , .		12
11	9th International Workshop on Human Activity Sensing Corpus and Applications (HASCA). , 2021, , .		1
12	Cognitive Load Monitoring With Wearablesâ€“Lessons Learned From a Machine Learning Challenge. IEEE Access, 2021, 9, 103325-103336.	4.2	16
13	Head-AR: Human Activity Recognition with Head-Mounted IMU Using Weighted Ensemble Learning. Smart Innovation, Systems and Technologies, 2021, , 153-167.	0.6	6
14	Detection of Gait Abnormalities for Fall Risk Assessment Using Wrist-Worn Inertial Sensors and Deep Learning. Sensors, 2020, 20, 5373.	3.8	31
15	HousEEC: Day-Ahead Household Electrical Energy Consumption Forecasting Using Deep Learning. Energies, 2020, 13, 2672.	3.1	29
16	Datasets for Cognitive Load Inference Using Wearable Sensors and Psychological Traits. Applied Sciences (Switzerland), 2020, 10, 3843.	2.5	42
17	Summary of the sussex-huawei locomotion-transportation recognition challenge 2020. , 2020, , .		36
18	8th international workshop on human activity sensing corpus and applications (HASCA). , 2020, , .		1

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19	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
20	Summary of the Sussex-Huawei locomotion-transportation recognition challenge 2019. , 2019, , .		46
21	Cross-dataset deep transfer learning for activity recognition. , 2019, , .		11
22	7th international workshop on human activity sensing corpus and applications (HASCA). , 2019, , .		1
23	Enabling Reproducible Research in Sensor-Based Transportation Mode Recognition With the Sussex-Huawei Dataset. IEEE Access, 2019, 7, 10870-10891.	4.2	119
24	Human and Machine Recognition of Transportation Modes from Body-Worn Camera Images. , 2019, , .		9
25	Benchmark Performance for the Sussex-Huawei Locomotion and Transportation Recognition Challenge 2018. Springer Series in Adaptive Environments, 2019, , 153-170.	0.3	0
26	Automatic Text Generation in Macedonian Using Recurrent Neural Networks. Communications in Computer and Information Science, 2019, , 1-12.	0.5	5
27	Electrical Energy Consumption Prediction Using Machine Learning. Communications in Computer and Information Science, 2019, , 72-82.	0.5	2
28	Benchmarking the SHL Recognition Challenge with Classical and Deep-Learning Pipelines. , 2018, , .		24
29	Identifying a person with door-mounted accelerometer. Journal of Ambient Intelligence and Smart Environments, 2018, 10, 361-375.	1.4	1
30	The University of Sussex-Huawei Locomotion and Transportation Dataset for Multimodal Analytics With Mobile Devices. IEEE Access, 2018, 6, 42592-42604.	4.2	181
31	6th International Workshop on Human Activity Sensing Corpus and Applications (HASCA). , 2018, , .		0
32	Unsupervised online activity discovery using temporal behaviour assumption. , 2017, , .		20
33	Monitoring stress with a wrist device using context. Journal of Biomedical Informatics, 2017, 73, 159-170.	4.3	228
34	Deep affect recognition from R-R intervals. , 2017, , .		8
35	Intelligent assistant carer for active aging. Eurasip Journal on Advances in Signal Processing, 2017, 2017, .	1.7	3
36	Intelligent System to Assist the Independent Living of the Elderly. , 2017, , .		0

#	Article	IF	Citations
37	A Versatile Annotated Dataset for Multimodal Locomotion Analytics with Mobile Devices. , 2017, , .		26
38	High reliability Android application for multidevice multimodal mobile data acquisition and annotation. , 2017, , .		16
39	How Accurately Can Your Wrist Device Recognize Daily Activities and Detect Falls?. Sensors, 2016, 16, 800.	3.8	95
40	Continuous stress detection using a wrist device. , 2016, , .		131
41	Using Smartwatch as Telecare and Fall Detection Device. , 2016, , .		11
42	Human Activity Recognition: From Controlled Lab Experiments to Competitive Live Evaluation. , 2015, , .		3
43	Fall Detection Using Location Sensors and Accelerometers. IEEE Pervasive Computing, 2015, 14, 72-79.	1.3	17
44	Context-based ensemble method for human energy expenditure estimation. Applied Soft Computing Journal, 2015, 37, 960-970.	7.2	42
45	Automatic Detection of Perceived Stress in Campus Students Using Smartphones. , 2015, , .		56
46	Competitive Live Evaluations of Activity-Recognition Systems. IEEE Pervasive Computing, 2015, 14, 70-77.	1.3	29
47	GUIDL IA: An intelligent assistant for aiding visually impaired in using GUIDL. , 2015, , .		1
48	Person Identification by Analyzing Door Accelerations in Time and Frequency Domain. Lecture Notes in Computer Science, 2015, , 60-76.	1.3	2
49	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
50	A Multi-Agent Care System to Support Independent Living. International Journal on Artificial Intelligence Tools, 2014, 23, 1440001.	1.0	22
51	Telehealth using ECG sensor and accelerometer. , 2014, , .		23
52	RAReFall — Real-time activity recognition and fall detection system. , 2014, , .		18
53	Ensembles of multiple sensors for human energy expenditure estimation. , 2013, , .		9
54	Efficient Activity Recognition and Fall Detection Using Accelerometers. Communications in Computer and Information Science, 2013, , 13-23.	0.5	32

#	Article	IF	Citations
55	Title is missing!. Journal of Medical and Biological Engineering, 2013, 33, 406.	1.8	30
56	Context-Based Fall Detection Using Inertial and Location Sensors. Lecture Notes in Computer Science, 2012, , 1-16.	1.3	19
57	Accelerometer Placement for Posture Recognition and Fall Detection. , 2011, , .		123
58	Activity/Posture Recognition using Wearable Sensors Placed on Different Body Locations. , 2011, , .		16