Federico Cruciani

List of Publications by Citations

24 papers	**156** citations	**6** h-index	**12** g-index
26 ext. papers	**218** ext. citations	**1.9** avg, IF	**2.65** L-index

#	Paper	IF	Citations
24	Feature learning for Human Activity Recognition using Convolutional Neural Networks. *CCF Transactions on Pervasive Computing and Interaction*, **2020**, 2, 18-32	1.8	37
23	Automatic Annotation for Human Activity Recognition in Free Living Using a Smartphone. *Sensors*, **2018**, 18,	3.8	27
22	An Integrated Approach for the Monitoring of Brain and Autonomic Response of Children with Autism Spectrum Disorders during Treatment by Wearable Technologies. *Frontiers in Neuroscience*, **2016**, 10, 276	5.1	26
21	GOLIAH (Gaming Open Library for Intervention in Autism at Home): a 6-month single blind matched controlled exploratory study. *Child and Adolescent Psychiatry and Mental Health*, **2017**, 11, 17	6.8	12
20	A Conceptual framework for Adaptive User Interfaces for older adults **2018**,		8
19	DANTE: A Video Based Annotation Tool for Smart Environments. *Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering*, **2011**, 179-188	0.2	7
18	Comparing CNN and Human Crafted Features for Human Activity Recognition **2019**,		6
17	Personalizing Activity Recognition With a Clustering Based Semi-Population Approach. *IEEE Access*, **2020**, 8, 207794-207804	3.5	5
16	A Public Domain Dataset for Human Activity Recognition in Free-Living Conditions **2019**,		4
15	Using Convolutional Neural Networks with Multiple Thermal Sensors for Unobtrusive Pose Recognition. *Sensors*, **2020**, 20,	3.8	3
14	Temporal Logic Bounded Model-Checking for recognition of activities of daily living **2010**,		3
13	Domain Adaptation of Binary Sensors in Smart Environments Through Activity Alignment. *IEEE Access*, **2020**, 8, 228804-228817	3.5	3
12	KeepWell: A Generic Platform for the Self-Management of Chronic Conditions. *IFMBE Proceedings*, **2016**, 897-902	0.2	3
11	Intelligent System for the Prevention of Pressure Ulcers by Monitoring Postural Changes with Wearable Inertial Sensors. *Proceedings (mdpi)*, **2019**, 31, 79	0.3	3
10	Rich context information for just-in-time adaptive intervention promoting physical activity. *Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference*, **2017**, 2017, 849-852	0.9	2
9	Personalized Online Training for Physical Activity monitoring using weak labels **2018**,		2
8	H2AI The Human Health and Activity Laboratory. *Proceedings (mdpi)*, **2018**, 2, 1241	0.3	2

LIST OF PUBLICATIONS

7	Doorstep Security; Using a Technology Based Solution for the Prevention of Doorstep Crime. *Lecture Notes in Computer Science*, **2014**, 46-50	0.9	1
6	Annotating Sensor Data to Identify Activities of Daily Living. *Lecture Notes in Computer Science*, **2011**, 41-48	0.9	1
5	Multi-source Context Data Representation and Distribution in an ICT Tool for Autism Treatment. *Lecture Notes in Computer Science*, **2014**, 200-203	0.9	1
4	Doorstep: A doorbell security system for the prevention of doorstep crime. *Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference*, **2016**, 2016, 5360-5363	0.9	0
3	Reducing Complexity of Data Flow Testing in the Verification of a IEC-62304 Flexible Workflow System. *Lecture Notes in Computer Science*, **2011**, 355-368	0.9	
2	Context-Adaptive Sub-Nyquist Sampling for Low-Power Wearable Sensing Systems. *IEEE Transactions on Mobile Computing*, **2021**, 1-1	4.6	
1	Recognition of Hygiene Activities by Means of Multimodal Sensors. *Springer Proceedings in Complexity*, **2021**, 89-98	0.3	