

# Federico Cruciani

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Context-Adaptive Sub-Nyquist Sampling for Low-Power Wearable Sensing Systems. <i>IEEE Transactions on Mobile Computing</i> , <b>2021</b> , 1-1	4.6	
23	Recognition of Hygiene Activities by Means of Multimodal Sensors. <i>Springer Proceedings in Complexity</i> , <b>2021</b> , 89-98	0.3	
22	Using Convolutional Neural Networks with Multiple Thermal Sensors for Unobtrusive Pose Recognition. <i>Sensors</i> , <b>2020</b> , 20,	3.8	3
21	Feature learning for Human Activity Recognition using Convolutional Neural Networks. <i>CCF Transactions on Pervasive Computing and Interaction</i> , <b>2020</b> , 2, 18-32	1.8	37
20	Domain Adaptation of Binary Sensors in Smart Environments Through Activity Alignment. <i>IEEE Access</i> , <b>2020</b> , 8, 228804-228817	3.5	3
19	Personalizing Activity Recognition With a Clustering Based Semi-Population Approach. <i>IEEE Access</i> , <b>2020</b> , 8, 207794-207804	3.5	5
18	Intelligent System for the Prevention of Pressure Ulcers by Monitoring Postural Changes with Wearable Inertial Sensors. <i>Proceedings (mdpi)</i> , <b>2019</b> , 31, 79	0.3	3
17	A Public Domain Dataset for Human Activity Recognition in Free-Living Conditions <b>2019</b> ,		4
16	Comparing CNN and Human Crafted Features for Human Activity Recognition <b>2019</b> ,		6
15	Automatic Annotation for Human Activity Recognition in Free Living Using a Smartphone. <i>Sensors</i> , <b>2018</b> , 18,	3.8	27
14	A Conceptual framework for Adaptive User Interfaces for older adults <b>2018</b> ,		8
13	Personalized Online Training for Physical Activity monitoring using weak labels <b>2018</b> ,		2
12	H2A The Human Health and Activity Laboratory. <i>Proceedings (mdpi)</i> , <b>2018</b> , 2, 1241	0.3	2
11	GOLIAH (Gaming Open Library for Intervention in Autism at Home): a 6-month single blind matched controlled exploratory study. <i>Child and Adolescent Psychiatry and Mental Health</i> , <b>2017</b> , 11, 17	6.8	12
10	Rich context information for just-in-time adaptive intervention promoting physical activity. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2017</b> , 2017, 849-852	0.9	2
9	Doorstep: A doorbell security system for the prevention of doorstep crime. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2016</b> , 2016, 5360-5363	0.9	0
8	An Integrated Approach for the Monitoring of Brain and Autonomic Response of Children with Autism Spectrum Disorders during Treatment by Wearable Technologies. <i>Frontiers in Neuroscience</i> , <b>2016</b> , 10, 276	5.1	26

7	KeepWell: A Generic Platform for the Self-Management of Chronic Conditions. <i>IFMBE Proceedings</i> , <b>2016</b> , 897-902	0.2	3
6	Doorstep Security; Using a Technology Based Solution for the Prevention of Doorstep Crime. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 46-50	0.9	1
5	Multi-source Context Data Representation and Distribution in an ICT Tool for Autism Treatment. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 200-203	0.9	1
4	DANTE: A Video Based Annotation Tool for Smart Environments. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , <b>2011</b> , 179-188	0.2	7
3	Reducing Complexity of Data Flow Testing in the Verification of a IEC-62304 Flexible Workflow System. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 355-368	0.9	
2	Annotating Sensor Data to Identify Activities of Daily Living. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 41-48	0.9	1
1	Temporal Logic Bounded Model-Checking for recognition of activities of daily living <b>2010</b> ,		3