Grazia Cicirelli

List of Publications by Year
in descending order

41 papers	585 citations	687220 13 h-index	677027 22 g-index
44 all docs	44 docs citations	44 times ranked	517 citing authors

#	Article	IF	Citations
1	Human Gait Analysis in Neurodegenerative Diseases: A Review. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 229-242.	3.9	56
2	Ambient Assisted Living: A Review of Technologies, Methodologies and Future Perspectives for Healthy Aging of Population. Sensors, 2021, 21, 3549.	2.1	82
3	Towards Intelligent Retail: Automated on-Shelf Availability Estimation Using a Depth Camera. IEEE Access, 2020, 8, 19353-19363.	2.6	15
4	People re-identification using skeleton standard posture and color descriptors from RGB-D data. Pattern Recognition, 2019, 89, 77-90.	5.1	34
5	Gesture Recognition by Using Depth Data: Comparison of Different Methodologies. , 2017, , .		2
6	Performance Analysis of Gesture Recognition Classifiers for Building a Human Robot Interface. Lecture Notes in Computer Science, 2017, , 60-72.	1.0	0
7	Improving performance of an omnidirectional range sensor for 3D modeling of environments. , 2016, , .		0
8	Recent trends in gesture recognition: how depth data has improved classicalÂapproaches. Image and Vision Computing, 2016, 52, 56-72.	2.7	42
9	A Kinect-Based Gesture Recognition Approach for a Natural Human Robot Interface. International Journal of Advanced Robotic Systems, 2015, 12, 22.	1.3	46
10	A Real Time Gesture Recognition System for Human Computer Interaction. Lecture Notes in Computer Science, 2015, , 92-101.	1.0	2
11	A Distributed Cooperative Architecture for Robotic Networks with Application to Ambient Intelligence. Lecture Notes in Computer Science, 2014, , 1-12.	1.0	1
12	Development of intelligent service robots. Intelligenza Artificiale, 2013, 7, 139-152.	1.0	3
13	A 3D vision system for high resolution surface reconstruction. , 2013, , .		10
14	Analysis of indoor environments by range images. , 2013, , .		0
15	A distributed heterogeneous sensor network for tracking and monitoring. , 2013, , .		4
16	High-Resolution Laser Scanning for Three-Dimensional Inspection of Drilling Tools. Advances in Mechanical Engineering, 2013, 5, 620786.	0.8	16
17	RFID tag localization by using adaptive neuroâ€fuzzy inference for mobile robot applications. Industrial Robot, 2012, 39, 340-348.	1.2	15
18	An Experimental Testbed for Robotic Network Applications. , 2012, , 161-172.		0

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19	Distributed target tracking for sensor networks with only local communication. , 2011, , .		3
20	Supervised learning of RFID sensor model using a mobile robot. , 2011, , .		2
21	Consensus-based distributed estimation for target tracking in heterogeneous sensor networks. , 2011, , .		27
22	Active Surveillance of Dynamic Environments using a Multi-Agent System. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2010, 43, 13-18.	0.4	8
23	An Autonomous Mobile Robotic System for Surveillance of Indoor Environments. International Journal of Advanced Robotic Systems, 2010, 7, 8.	1.3	58
24	Multi-sensor surveillance of indoor environments by an autonomous mobile robot. International Journal of Intelligent Systems Technologies and Applications, 2010, 8, 18.	0.2	6
25	Matrix-Based Discrete Event Control for Surveillance Mobile Robotics. Journal of Intelligent and Robotic Systems: Theory and Applications, 2009, 56, 513-541.	2.0	8
26	A fuzzy logic approach to Passive RFID for mobile robot applications. , 2009, , .		2
27	Multi-Sensor Surveillance of Indoor Environments by an Autonomous Mobile Robot. , 2008, , .		8
28	Using fuzzy RFID modelling and monocular vision for mobile robot global localization. , 2008, , .		1
29	RFIDâ€assisted mobile robot system for mapping and surveillance of indoor environments. Industrial Robot, 2008, 35, 143-152.	1.2	37
30	RFID-based environment mapping for autonomous mobile robot applications. , 2007, , .		9
31	Robust Vision-Based Monitoring of Indoor Environments by an Autonomous Mobile Robot. , 2007, , 567.		3
32	Using a 2D Laser Range Finder for Environment Monitoring by an Autonomous Mobile Robot. , 2007, , .		3
33	Using Passive RFID Technology for Mobile Robot Navigation and Environment Mapping. , 2007, , .		0
34	Automatic construction of 2D and 3D models during robot inspection. Industrial Robot, 2006, 33, 387-393.	1.2	10
35	Optimization of the POSIT algorithm for indoor autonomous navigation. Robotics and Autonomous Systems, 2004, 48, 145-162.	3.0	20
36	Ball detection in static images with Support Vector Machines for classification. Image and Vision Computing, 2003, 21, 675-692.	2.7	25

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37	Target recognition by components for mobile robot navigation. Journal of Experimental and Theoretical Artificial Intelligence, 2003, 15, 281-297.	1.8	21
38	Q-Learning: computation of optimal Q-values for evaluating the learning level in robotic tasks. Journal of Experimental and Theoretical Artificial Intelligence, 2001, 13, 241-270.	1.8	1
39	<title>Door detection in images based on learning by components</title>. , 2001, 4572, 304.		1
40	<title>Obstacle detection by segment grouping in mobile robot navigation</title>. , 1998, 3364, 250.		0
41	<title>Self-location for indoor navigation of autonomous vehicles</title>. , 1998, 3364, 298.		0