

Grazia Cicirelli

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

585
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687220

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677027

22
g-index

44
all docs

44
docs citations

44
times ranked

517
citing authors

#	ARTICLE	IF	CITATIONS
1	Ambient Assisted Living: A Review of Technologies, Methodologies and Future Perspectives for Healthy Aging of Population. <i>Sensors</i> , 2021, 21, 3549.	2.1	82
2	An Autonomous Mobile Robotic System for Surveillance of Indoor Environments. <i>International Journal of Advanced Robotic Systems</i> , 2010, 7, 8.	1.3	58
3	Human Gait Analysis in Neurodegenerative Diseases: A Review. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2022, 26, 229-242.	3.9	56
4	A Kinect-Based Gesture Recognition Approach for a Natural Human Robot Interface. <i>International Journal of Advanced Robotic Systems</i> , 2015, 12, 22.	1.3	46
5	Recent trends in gesture recognition: how depth data has improved classical Approaches. <i>Image and Vision Computing</i> , 2016, 52, 56-72.	2.7	42
6	RFID-Assisted mobile robot system for mapping and surveillance of indoor environments. <i>Industrial Robot</i> , 2008, 35, 143-152.	1.2	37
7	People re-identification using skeleton standard posture and color descriptors from RGB-D data. <i>Pattern Recognition</i> , 2019, 89, 77-90.	5.1	34
8	Consensus-based distributed estimation for target tracking in heterogeneous sensor networks. , 2011, , .		27
9	Ball detection in static images with Support Vector Machines for classification. <i>Image and Vision Computing</i> , 2003, 21, 675-692.	2.7	25
10	Target recognition by components for mobile robot navigation. <i>Journal of Experimental and Theoretical Artificial Intelligence</i> , 2003, 15, 281-297.	1.8	21
11	Optimization of the POSIT algorithm for indoor autonomous navigation. <i>Robotics and Autonomous Systems</i> , 2004, 48, 145-162.	3.0	20
12	High-Resolution Laser Scanning for Three-Dimensional Inspection of Drilling Tools. <i>Advances in Mechanical Engineering</i> , 2013, 5, 620786.	0.8	16
13	RFID tag localization by using adaptive neuro-fuzzy inference for mobile robot applications. <i>Industrial Robot</i> , 2012, 39, 340-348.	1.2	15
14	Towards Intelligent Retail: Automated on-Shelf Availability Estimation Using a Depth Camera. <i>IEEE Access</i> , 2020, 8, 19353-19363.	2.6	15
15	Automatic construction of 2D and 3D models during robot inspection. <i>Industrial Robot</i> , 2006, 33, 387-393.	1.2	10
16	A 3D vision system for high resolution surface reconstruction. , 2013, , .		10
17	RFID-based environment mapping for autonomous mobile robot applications. , 2007, , .		9
18	Multi-Sensor Surveillance of Indoor Environments by an Autonomous Mobile Robot. , 2008, , .		8

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	A distributed heterogeneous sensor network for tracking and monitoring. , 2013, , .		4
23	Robust Vision-Based Monitoring of Indoor Environments by an Autonomous Mobile Robot. , 2007, , 567.		3
24	Distributed target tracking for sensor networks with only local communication. , 2011, , .		3
25	Development of intelligent service robots. Intelligenza Artificiale, 2013, 7, 139-152.	1.0	3
26	Using a 2D Laser Range Finder for Environment Monitoring by an Autonomous Mobile Robot. , 2007, , .		3
27	A fuzzy logic approach to Passive RFID for mobile robot applications. , 2009, , .		2
28	Supervised learning of RFID sensor model using a mobile robot. , 2011, , .		2
29	A Real Time Gesture Recognition System for Human Computer Interaction. Lecture Notes in Computer Science, 2015, , 92-101.	1.0	2
30	Gesture Recognition by Using Depth Data: Comparison of Different Methodologies. , 2017, , .		2
31	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
32	<title>Door detection in images based on learning by components</title>. , 2001, 4572, 304.		1
33	Using fuzzy RFID modelling and monocular vision for mobile robot global localization. , 2008, , .		1
34	A Distributed Cooperative Architecture for Robotic Networks with Application to Ambient Intelligence. Lecture Notes in Computer Science, 2014, , 1-12.	1.0	1
35	<title>Obstacle detection by segment grouping in mobile robot navigation</title>. , 1998, 3364, 250.		0
36	<title>Self-location for indoor navigation of autonomous vehicles</title>. , 1998, 3364, 298.		0

#	ARTICLE	IF	CITATIONS
37	Analysis of indoor environments by range images. , 2013, , .		0
38	Improving performance of an omnidirectional range sensor for 3D modeling of environments. , 2016, , .		0
39	Using Passive RFID Technology for Mobile Robot Navigation and Environment Mapping. , 2007, , .		0
40	An Experimental Testbed for Robotic Network Applications. , 2012, , 161-172.		0
41	Performance Analysis of Gesture Recognition Classifiers for Building a Human Robot Interface. Lecture Notes in Computer Science, 2017, , 60-72.	1.0	0