Massimiliano Nolich

List of Publications by Year
in descending order

47 papers	352 citations	1163065 8 h-index	888047 17 g-index
48 all docs	48 docs citations	48 times ranked	348 citing authors

#	Article	IF	Citations
1	A Proof of Concept of Self Replicating Robots for Space Settlements. Mechanisms and Machine Science, 2022, , 231-240.	0.5	0
2	Smart Cabin: A Semantic-Based Framework for Indoor Comfort Customization Inside a Cruise Cabin. Advances in Intelligent Systems and Computing, 2020, , 41-53.	0.6	4
3	A Big-Data-Analytics System for Supporting Decision Making Processes in Complex Smart-City Applications. Lecture Notes in Computer Science, 2019, , 787-802.	1.3	0
4	A Big-Data-Analytics Framework for Supporting Logistics Problems in Smart-City Environments. Procedia Computer Science, 2019, 159, 2589-2597.	2.0	8
5	Cabin as a Home: A Novel Comfort Optimization Framework for IoT Equipped Smart Environments and Applications on Cruise Ships. Sensors, 2019, 19, 1060.	3.8	28
6	Effective and efficient distributed management of big clinical data: a framework. International Journal of Data Mining, Modelling and Management, 2019, 11, 284.	0.1	0
7	Internet of things and virtual sensors for electromobility. Internet Technology Letters, 2018, 1, e39.	1.9	14
8	A Decision Support System for User-Based Vehicle Relocation in Car Sharing Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 1283-1296.	9.3	38
9	RoomFort: An Ontology-Based Comfort Management Application for Hotels. Electronics (Switzerland), 2018, 7, 345.	3.1	23
10	Modeling Virtual Sensors for Electric Vehicles Charge Services. , 2018, , .		16
11	Virtual Sensors for Electromobility. , 2018, , .		6
12	A Decision Support System for Cooperative Logistics. IEEE Transactions on Automation Science and Engineering, 2017, 14, 732-744.	5.2	22
13	Modelling and solving the multi-day container drayage problem. , 2017, , .		3
14	Modeling cyber attacks by stochastic games and Timed Petri Nets. , 2016, , .		3
15	Evaluation framework in Cooperative Intelligent Transport Systems (C-ITS) for freight transport: the case of the CO-GISTICS speed advice service. International Journal of Advanced Logistics, 2016, 5, 30-43.	0.2	4
16	A Decision Support System for the Management of an Electric-Car Sharing System. , 2015, , .		1
17	Flight path optimization for minimizing emissions and avoiding weather hazard. , 2014, , .		2
18	Improved foreground-background segmentation using Dempster-Shafer fusion. , 2013, , .		0

#	Article	IF	Citations
19	Sufficient condition for real-time non-preemptive scheduling of interactive multimedia tasks. , 2013, , .		2
20	Effects of weather condition on aircraft emissions in climb phase. , 2012, , .		2
21	Real-time background modeling based on classified dynamic objects for human robot application. , 2012, , .		2
22	Real-time GPU implementation of an improved cars, pedestrians and bicycles detection and classification system. , 2011, , .		4
23	Improved humanoid vocalization acquisition from a human tutor. , 2011, , .		0
24	Robust and Accurate Genetic Scan Matching Algorithm for Robotic Navigation. Lecture Notes in Computer Science, 2011, , 584-593.	1.3	3
25	Building virtual worlds by 3d object mapping. , 2010, , .		1
26	Automatic 3d virtual cloning of a speaking human face. , 2010, , .		1
27	Analysis of Hydraulic Permeability in Porous Media: From High Resolution X-ray Tomography to Direct Numerical Simulation. Transport in Porous Media, 2009, 80, 57-78.	2.6	53
28	Workload modeling using pseudo2D-HMM. , 2009, , .		4
29	Fast Genetic Scan Matching in Mobile Robotics. Studies in Computational Intelligence, 2009, , 133-152.	0.9	2
30	Visual scene analysis using relaxation labeling and Embedded Hidden Markov Models for map-based robot navigation. , 2008, , .		4
31	RLS-based sensor fusion algorithm for mobile robot localization on finite precision embedded systems. , 2008, , .		0
32	A Real-Time Embedded Kernel for Nonvisual Robotic Sensors. Eurasip Journal on Embedded Systems, 2008, 2008, 390106.	1.2	1
33	TOWARDS ARTICULATORY CONTROL OF TALKING HEADS IN HUMANOID ROBOTICS USING A GENETIC-FUZZY IMITATION LEARNING ALGORITHM. International Journal of Humanoid Robotics, 2007, 04, 151-179.	1.1	4
34	COMBINING AUDIO AND VIDEO SURVEILLANCE WITH A MOBILE ROBOT. International Journal on Artificial Intelligence Tools, 2007, 16, 377-398.	1.0	5
35	An Interactive Receptionist Robot for Users with Vocal Pathologies. , 2007, , .		2
36	Fast Genetic Scan Matching Using Corresponding Point Measurements in Mobile Robotics. , 2007, , 375-382.		7

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37	SPATIAL MAP BUILDING USING FAST TEXTURE ANALYSIS OF ROTATING SONAR SENSOR DATA FOR MOBILE ROBOTS. International Journal of Pattern Recognition and Artificial Intelligence, 2005, 19, 1-20.	1.2	7
38	Genetic-Fuzzy Optimization Algorithm for Adaptive Learning of Human Vocalization in Robotics. Lecture Notes in Computer Science, 2005, , 376-385.	1.3	0
39	VHDL Design of a Scalable VLSI Sorting Device Based on Pipelined Computation. Journal of Computing and Information Technology, 2004, 12, 1.	0.3	8
40	Algorithms for acoustic localization based on microphone array in service robotics. Robotics and Autonomous Systems, 2003, 42, 69-88.	5.1	47
41	Multimodal interface within a simulator of service robotic applications. , 2002, , .		0
42	A hard real-time kernel for Motorola microcontrollers. , 2001, , .		2
43	MGP: a distributed, multi-platform, programming environment for real-time applications. , 2001, , .		1
44	Object oriented design of a mobile robot using UML. , 2001, , .		3
45	A Hard Real-Time Kernel for Motorola Microcontrollers. Journal of Computing and Information Technology, 2001, 9, 247.	0.3	4
46	Pro-active service robots in a health care framework: vocal interaction using natural language and prosody. , 0, , .		5
47	A genetic-fuzzy algorithm for the articulatory imitation of facial movements during vocalization of a humanoid robot. , 0, , .		5