

Pablo Muñoz

List of Publications by Year in descending order

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papers

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1306789

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docs citations

26
times ranked

263
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Neural Networks With Convolutional and LSTM Layers for SYMâ€H and ASYâ€H Forecasting. Space Weather, 2021, 19, e2021SW002748.	1.3	15
2	Continuous energy consumption measure approach using a DMA double-buffering technique. Eurasip Journal on Wireless Communications and Networking, 2021, 2021, .	1.5	0
3	A Simulator to Support Machine Learning-Based Wearable Fall Detection Systems. Electronics (Switzerland), 2020, 9, 1831.	1.8	7
4	Fall simulator for supporting supervised Machine Learning techniques in wearable devices. , 2020, , .		1
5	LARES: An AI-based teleassistance system for emergency home monitoring. Cognitive Systems Research, 2019, 56, 213-222.	1.9	15
6	TERRA: A path planning algorithm for cooperative UGVâ€UAV exploration. Engineering Applications of Artificial Intelligence, 2019, 78, 260-272.	4.3	71
7	MoBAR: a Hierarchical Action-Oriented Autonomous Control Architecture. Journal of Intelligent and Robotic Systems: Theory and Applications, 2019, 94, 745-760.	2.0	6
8	A Versatile Executive Based on T-REX for Any Robotic Domain. Lecture Notes in Computer Science, 2018, , 79-91.	1.0	2
9	A Strategical Path Planner for UGV-UAV Cooperation in Mars Terrains. Lecture Notes in Computer Science, 2018, , 106-118.	1.0	1
10	3Dana: A path planning algorithm for surface robotics. Engineering Applications of Artificial Intelligence, 2017, 60, 175-192.	4.3	22
11	An Advanced Teleassistance System to Improve Life Quality in the Elderly. Lecture Notes in Computer Science, 2017, , 533-542.	1.0	2
12	A Virtual Reality Mission Planner for Mars Rovers. , 2017, , .		1
13	Defining Metrics for Autonomous Controllers Assessment. , 2017, , .		1
14	A Low Power Consumption Algorithm for Efficient Energy Consumption in ZigBee Motes. Sensors, 2017, 17, 2179.	2.1	14
15	Unified framework for path-planning and task-planning for autonomous robots. Robotics and Autonomous Systems, 2016, 82, 1-14.	3.0	29
16	Triaxial Accelerometer Located on the Wrist for Elderly Peopleâ€™s Fall Detection. Lecture Notes in Computer Science, 2016, , 523-532.	1.0	3
17	On the statistical distribution of the expected run-time in population-based search algorithms. Soft Computing, 2015, 19, 2717-2734.	2.1	5
18	A Statistically Rigorous Analysis of 2D Path-Planning Algorithms. Computer Journal, 2015, 58, 2876-2891.	1.5	4

#	ARTICLE	IF	CITATIONS
19	First Steps on an On-Ground Autonomy Test Environment. , 2014, , .		3
20	Improving efficiency in any-angle path-planning algorithms. , 2012, , .		8
21	S-Theta: low steering path-planning algorithm. , 2012, , 109-121.		10
22	A Cognitive Architecture and Simulation Environment for the Ptinto Robot. , 2011, , .		2
23	Intelligent social networks. , 2011, , .		1
24	MULTI-AGENT INTELLIGENT PLANNING ARCHITECTURE FOR PEOPLE LOCATION AND ORIENTATION USING RFID. Cybernetics and Systems, 2011, 42, 16-32.	1.6	4
25	Integrating a PDDL-Based Planner and a PLEXIL-Executor into the Ptinto Robot. Lecture Notes in Computer Science, 2010, , 72-81.	1.0	2