Pablo MuÃ±oz

List of Publications by Year
in descending order

25 papers	**229** citations	1306789 **7** h-index	1058022 **14** g-index
26 all docs	**26** docs citations	**26** times ranked	**263** citing authors

#	Article	IF	Citations
1	TERRA: A path planning algorithm for cooperative UGV–UAV exploration. Engineering Applications of Artificial Intelligence, 2019, 78, 260-272.	4.3	71
2	Unified framework for path-planning and task-planning for autonomous robots. Robotics and Autonomous Systems, 2016, 82, 1-14.	3.0	29
3	3Dana: A path planning algorithm for surface robotics. Engineering Applications of Artificial Intelligence, 2017, 60, 175-192.	4.3	22
4	LARES: An AI-based teleassistance system for emergency home monitoring. Cognitive Systems Research, 2019, 56, 213-222.	1.9	15
5	Deep Neural Networks With Convolutional and LSTM Layers for SYM‑H and ASY‑H Forecasting. Space Weather, 2021, 19, e2021SW002748.	1.3	15
6	A Low Power Consumption Algorithm for Efficient Energy Consumption in ZigBee Motes. Sensors, 2017, 17, 2179.	2.1	14
7	S-Theta: low steering path-planning algorithm. , 2012, , 109-121.		10
8	Improving efficiency in any-angle path-planning algorithms. , 2012, , .		8
9	A Simulator to Support Machine Learning-Based Wearable Fall Detection Systems. Electronics (Switzerland), 2020, 9, 1831.	1.8	7
10	MoBAr: a Hierarchical Action-Oriented Autonomous Control Architecture. Journal of Intelligent and Robotic Systems: Theory and Applications, 2019, 94, 745-760.	2.0	6
11	On the statistical distribution of the expected run-time in population-based search algorithms. Soft Computing, 2015, 19, 2717-2734.	2.1	5
12	MULTI-AGENT INTELLIGENT PLANNING ARCHITECTURE FOR PEOPLE LOCATION AND ORIENTATION USING RFID. Cybernetics and Systems, 2011, 42, 16-32.	1.6	4
13	A Statistically Rigorous Analysis of 2D Path-Planning Algorithms. Computer Journal, 2015, 58, 2876-2891.	1.5	4
14	First Steps on an On-Ground Autonomy Test Environment. , 2014, , .		3
15	Triaxial Accelerometer Located on the Wrist for Elderly People's Fall Detection. Lecture Notes in Computer Science, 2016, , 523-532.	1.0	3
16	A Cognitive Architecture and Simulation Environment for the Ptinto Robot. , 2011, , .		2
17	An Advanced Teleassistance System to Improve Life Quality in the Elderly. Lecture Notes in Computer Science, 2017, , 533-542.	1.0	2
18	Integrating a PDDL-Based Planner and a PLEXIL-Executor into the Ptinto Robot. Lecture Notes in Computer Science, 2010, , 72-81.	1.0	2

#	Article	IF	Citations
19	A Versatile Executive Based on T-REX for Any Robotic Domain. Lecture Notes in Computer Science, 2018, , 79-91.	1.0	2
20	Intelligent social networks. , 2011, , .		1
21	A Virtual Reality Mission Planner for Mars Rovers. , 2017, , .		1
22	Defining Metrics for Autonomous Controllers Assessment. , 2017, , .		1
23	Fall simulator for supporting supervised Machine Learning techniques in wearable devices. , 2020, , .		1
24	A Strategical Path Planner for UGV-UAV Cooperation in Mars Terrains. Lecture Notes in Computer Science, 2018, , 106-118.	1.0	1
25	Continuous energy consumption measure approach using a DMA double-buffering technique. Eurasip Journal on Wireless Communications and Networking, 2021, 2021, .	1.5	0