Pablo MuÃ±oz

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7459226/publications.pdf

Version: 2024-02-01

25 papers	229 citations	1307594 7 h-index	1058476 14 g-index
26 all docs	26 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.	3.7	15
2	Continuous energy consumption measure approach using a DMA double-buffering technique. Eurasip Journal on Wireless Communications and Networking, 2021, 2021, .	2.4	0
3	A Simulator to Support Machine Learning-Based Wearable Fall Detection Systems. Electronics (Switzerland), 2020, 9, 1831.	3.1	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.	2.7	15
6	TERRA: A path planning algorithm for cooperative UGVâ€“UAV exploration. Engineering Applications of Artificial Intelligence, 2019, 78, 260-272.	8.1	71
7	MoBAr: a Hierarchical Action-Oriented Autonomous Control Architecture. Journal of Intelligent and Robotic Systems: Theory and Applications, 2019, 94, 745-760.	3.4	6
8	A Versatile Executive Based on T-REX for Any Robotic Domain. Lecture Notes in Computer Science, 2018, , 79-91.	1.3	2
9	A Strategical Path Planner for UGV-UAV Cooperation in Mars Terrains. Lecture Notes in Computer Science, 2018, , 106-118.	1.3	1
10	3Dana: A path planning algorithm for surface robotics. Engineering Applications of Artificial Intelligence, 2017, 60, 175-192.	8.1	22
11	An Advanced Teleassistance System to Improve Life Quality in the Elderly. Lecture Notes in Computer Science, 2017, , 533-542.	1.3	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.	3.8	14
15	Unified framework for path-planning and task-planning for autonomous robots. Robotics and Autonomous Systems, 2016, 82, 1-14.	5.1	29
16	Triaxial Accelerometer Located on the Wrist for Elderly Peopleâ€™s Fall Detection. Lecture Notes in Computer Science, 2016, , 523-532.	1.3	3
17	On the statistical distribution of the expected run-time in population-based search algorithms. Soft Computing, 2015, 19, 2717-2734.	3.6	5
18	A Statistically Rigorous Analysis of 2D Path-Planning Algorithms. Computer Journal, 2015, 58, 2876-2891.	2.4	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.	2.5	4
25	Integrating a PDDL-Based Planner and a PLEXIL-Executor into the Ptinto Robot. Lecture Notes in Computer Science, 2010, , 72-81.	1.3	2