Maria Dolores R-Moreno

List of Publications by Year
in descending order

80 papers	673 citations	686830 13 h-index	642321 23 g-index
85 all docs	85 docs citations	85 times ranked	603 citing authors

#	Article	IF	Citations
1	Minimizing pricing policies based on user load profiles and residential demand responses in smart grids. Applied Energy, 2022, 310, 118492.	5.1	17
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	SOPRENE: Assessment of the Spanish Armadaâ€™s Predictive Maintenance Tool for Naval Assets. Applied Sciences (Switzerland), 2021, 11, 7322.	1.3	4
4	BASECASS: A methodology for CAPTCHAs security assurance. Journal of Information Security and Applications, 2021, 63, 103018.	1.8	1
5	Patients Forecasting in Emergency Services by Using Machine Learning and Exogenous Variables. Lecture Notes in Computer Science, 2021, , 167-180.	1.0	0
6	Fall simulator for supporting supervised Machine Learning techniques in wearable devices. , 2020, , .		1
7	All about uncertainties and traps: Statistical oracle-based attacks on a new CAPTCHA protection against oracle attacks. Computers and Security, 2020, 92, 101758.	4.0	4
8	ARIES: An Autonomous Controller For Multirobot Cooperation. IEEE Aerospace and Electronic Systems Magazine, 2019, 34, 40-55.	2.3	2
9	LARES: An AI-based teleassistance system for emergency home monitoring. Cognitive Systems Research, 2019, 56, 213-222.	1.9	15
10	TERRA: A path planning algorithm for cooperative UGVâ€“UAV exploration. Engineering Applications of Artificial Intelligence, 2019, 78, 260-272.	4.3	71
11	MoBAr: a Hierarchical Action-Oriented Autonomous Control Architecture. Journal of Intelligent and Robotic Systems: Theory and Applications, 2019, 94, 745-760.	2.0	6
12	A Versatile Executive Based on T-REX for Any Robotic Domain. Lecture Notes in Computer Science, 2018, , 79-91.	1.0	2
13	A Strategical Path Planner for UGV-UAV Cooperation in Mars Terrains. Lecture Notes in Computer Science, 2018, , 106-118.	1.0	1
14	3Dana: A path planning algorithm for surface robotics. Engineering Applications of Artificial Intelligence, 2017, 60, 175-192.	4.3	22
15	Incremental contingency planning for recovering from critical outcomes in high-probability seed plans. Progress in Artificial Intelligence, 2017, 6, 299-314.	1.5	0
16	An Advanced Teleassistance System to Improve Life Quality in the Elderly. Lecture Notes in Computer Science, 2017, , 533-542.	1.0	2
17	Using machine learning to identify common flaws in CAPTCHA design: FunCAPTCHA case analysis. Computers and Security, 2017, 70, 744-756.	4.0	3
18	Handling swarm of UAVs based on evolutionary multi-objective optimization. Progress in Artificial Intelligence, 2017, 6, 263-274.	1.5	13

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19	Solving complex multi-UAV mission planning problems using multi-objective genetic algorithms. Soft Computing, 2017, 21, 4883-4900.	2.1	91
20	Improving experimental methods on success rates in evolutionary computation. Journal of Experimental and Theoretical Artificial Intelligence, 2017, 29, 695-716.	1.8	0
21	A Virtual Reality Mission Planner for Mars Rovers. , 2017, , .		1
22	Defining Metrics for Autonomous Controllers Assessment. , 2017, , .		1
23	A Low Power Consumption Algorithm for Efficient Energy Consumption in ZigBee Motes. Sensors, 2017, 17, 2179.	2.1	14
24	Machine learning and empathy: the Civil Rights CAPTCHA. Concurrency Computation Practice and Experience, 2016, 28, 1310-1323.	1.4	2
25	MOGAMR: A Multi-Objective Genetic Algorithm for real-time Mission Replanning. , 2016, , .		5
26	Unified framework for path-planning and task-planning for autonomous robots. Robotics and Autonomous Systems, 2016, 82, 1-14.	3.0	29
27	Incremental Contingency Planning for Recovering from Uncertain Outcomes. Lecture Notes in Computer Science, 2016, , 237-247.	1.0	0
28	Application Areas of Ephemeral Computing: A Survey. Lecture Notes in Computer Science, 2016, , 153-167.	1.0	1
29	Triaxial Accelerometer Located on the Wrist for Elderly Peopleâ€™s Fall Detection. Lecture Notes in Computer Science, 2016, , 523-532.	1.0	3
30	Simulation of the Hexapod Robot PTinto Walking on Irregular Surfaces. International Journal of Simulation Modelling, 2015, , 5-16.	0.6	4
31	A study on Kozaâ€™s performance measures. Genetic Programming and Evolvable Machines, 2015, 16, 327-349.	1.5	1
32	On the statistical distribution of the expected run-time in population-based search algorithms. Soft Computing, 2015, 19, 2717-2734.	2.1	5
33	A Hybrid MOGA-CSP for Multi-UAV Mission Planning. , 2015, , .		6
34	Using JPEG to Measure Image Continuity and Break Capy and Other Puzzle CAPTCHAs. IEEE Internet Computing, 2015, 19, 46-53.	3.2	22
35	A Statistically Rigorous Analysis of 2D Path-Planning Algorithms. Computer Journal, 2015, 58, 2876-2891.	1.5	4
36	Acquisition of business intelligence from human experience in route planning. Enterprise Information Systems, 2015, 9, 303-323.	3.3	7

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37	Performance Evaluation of Multi-UAV Cooperative Mission Planning Models. Lecture Notes in Computer Science, 2015, , 203-212.	1.0	9
38	A simple CSP-based model for Unmanned Air Vehicle Mission Planning. , 2014, , .		6
39	Encouraging the Application of Virtual Environments for Space Training. , 2014, , .		0
40	Ideograms Representation for Cognitive Systems in Robotics. , 2014, , .		0
41	First Steps on an On-Ground Autonomy Test Environment. , 2014, , .		3
42	Progressive heuristic search for probabilistic planning based on interaction estimates. Expert Systems, 2014, 31, 421-436.	2.9	3
43	Side-Channel Attack against the Capy HIP. , 2014, , .		5
44	A genetic tango attack against the Davidâ€“Prasad RFID ultraâ€lightweight authentication protocol. Expert Systems, 2014, 31, 9-19.	2.9	17
45	Efficient Services Management in Libraries using AI and Wireless techniques. Expert Systems With Applications, 2014, 41, 7904-7913.	4.4	17
46	Branching to Find Feasible Solutions in Unmanned Air Vehicle Mission Planning. Lecture Notes in Computer Science, 2014, , 286-294.	1.0	9
47	Effects of the lack of selective pressure on the expected run-time distribution in genetic programming. , 2013, , .		0
48	Efficient Energy Management for Autonomous Control in Rover Missions. IEEE Computational Intelligence Magazine, 2013, 8, 12-24.	3.4	8
49	Challenges and issues of web intelligence research. , 2013, , .		4
50	Twitter stream analysis in Spanish. , 2013, , .		1
51	A Descriptive Analysis of Twitter Activity in Spanish around Boston Terror Attacks. Lecture Notes in Computer Science, 2013, , 631-640.	1.0	4
52	Sistema Inteligente de DetecciÃ³n y OrientaciÃ³n de usuarios en Bibliotecas. Revista Espanola De Documentacion Cientifica, 2013, 36, en003.	0.1	1
53	Adapting Searchy to extract data using evolved wrappers. Expert Systems With Applications, 2012, 39, 3061-3070.	4.4	12
54	S-Theta: low steering path-planning algorithm. , 2012, , 109-121.		10

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55	Clustering avatars behaviours from virtual worlds interactions. , 2012, , .		19
56	Human Drivers Knowledge Integration in a Logistics Decision Support Tool. Studies in Computational Intelligence, 2011, , 227-236.	0.7	0
57	A Cognitive Architecture and Simulation Environment for the Ptinto Robot. , 2011, , .		2
58	Intelligent social networks. , 2011, , .		1
59	An empirical study on the accuracy of computational effort in Genetic Programming. , 2011, , .		3
60	Toward a CSP-Based Approach for Energy Management in Rovers. , 2011, , .		0
61	MULTI-AGENT INTELLIGENT PLANNING ARCHITECTURE FOR PEOPLE LOCATION AND ORIENTATION USING RFID. Cybernetics and Systems, 2011, 42, 16-32.	1.6	4
62	Using a Plan Graph with Interaction Estimates for Probabilistic Planning. , 2011, , 49-62.		1
63	PIPSS*: A System based on Temporal Estimates. , 2011, , 123-136.		3
64	Confidence intervals of success rates in evolutionary computation. , 2010, , .		8
65	Intrinsic Hurdles in Applying Automated Diagnosis and Recovery to Spacecraft. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2010, 40, 945-958.	3.4	3
66	A Decision Support System for Logistics Operations. Advances in Intelligent and Soft Computing, 2010, , 103-110.	0.2	1
67	Distributed parameter tuning for genetic algorithms. Computer Science and Information Systems, 2010, 7, 661-677.	0.7	0
68	A Case Study on Grammatical-Based Representation for Regular Expression Evolution. Advances in Intelligent and Soft Computing, 2010, , 379-386.	0.2	5
69	Variable Length-Based Genetic Representation to Automatically Evolve Wrappers. Advances in Intelligent and Soft Computing, 2010, , 371-378.	0.2	1
70	Integrating a PDDL-Based Planner and a PLEXIL-Executor into the Ptinto Robot. Lecture Notes in Computer Science, 2010, , 72-81.	1.0	2
71	An Autonomous System for the Locomotion of a Hexapod Exploration Robot. , 2009, , .		0
72	Automatic Web Data Extraction Based on Genetic Algorithms and Regular Expressions. , 2009, , 143-154.		15

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73	RFID Technology and AI Techniques for People Location, Orientation and Guiding. Lecture Notes in Computer Science, 2009, , 389-398.	1.0	2
74	A Framework for Agent-Based Evaluation of Genetic Algorithms. Studies in Computational Intelligence, 2009, , 31-41.	0.7	0
75	Costs and Benefits of Model-based Diagnosis. Aerospace Conference Proceedings IEEE, 2008, , .	0.0	23
76	AI Techniques for Monitoring Student Learning Process. , 2008, , 149-172.		1
77	AN AI ELECTRICAL GROUND SUPPORT EQUIPMENT FOR CONTROLLING AND TESTING A SPACE INSTRUMENT. Applied Artificial Intelligence, 2007, 21, 81-98.	2.0	1
78	Towards an automatic monitoring for higher education Learning Design. International Journal of Metadata, Semantics and Ontologies, 2007, 2, 1.	0.2	2
79	Integrating planning and scheduling in workflow domains. Expert Systems With Applications, 2007, 33, 389-406.	4.4	55
80	Integrating AI planning techniques with workflow management system. Knowledge-Based Systems, 2002, 15, 285-291.	4.0	35