Annalisa Riccardi

List of Publications by Year
in descending order

23 papers	234 citations	1307594 7 h-index	996975 15 g-index
23 all docs	23 docs citations	23 times ranked	281 citing authors

#	Article	IF	Citations
1	Cost-Sensitive AdaBoost Algorithm for Ordinal Regression Based on Extreme Learning Machine. IEEE Transactions on Cybernetics, 2014, 44, 1898-1909.	9.5	62
2	Ordinal Neural Networks Without Iterative Tuning. IEEE Transactions on Neural Networks and Learning Systems, 2014, 25, 2075-2085.	11.3	33
3	Scheduling of space to ground quantum key distribution. EPJ Quantum Technology, 2020, 7, .	6.3	30
4	Constraint Handling and Multi-Objective Methods for the Evolution of Interplanetary Trajectories. Journal of Guidance, Control, and Dynamics, 2015, 38, 792-800.	2.8	16
5	Set propagation in dynamical systems with generalised polynomial algebra and its computational complexity. Communications in Nonlinear Science and Numerical Simulation, 2019, 75, 22-49.	3.3	14
6	Optimisation of Non-Pharmaceutical Measures in COVID-19 Growth via Neural Networks. IEEE Transactions on Emerging Topics in Computational Intelligence, 2021, 5, 79-91.	4.9	11
7	A multistage optimisation algorithm for the large vehicle routing problem with time windows and synchronised visits. Journal of the Operational Research Society, 2021, 72, 2396-2411.	3.4	9
8	Quantitative Assessment of Multidisciplinary Design Models for Expendable Launch Vehicles. Journal of Spacecraft and Rockets, 2014, 51, 343-359.	1.9	8
9	Classifying Intelligence in Machines: A Taxonomy of Intelligent Control. Robotics, 2020, 9, 64.	3.5	8
10	Artificial Intelligence for the Early Design Phases of Space Missions. , 2019, , .		7
11	Multidisciplinary Design Optimization Models and Algorithms for Space Launch Vehicles. , 2010, , .		5
12	Enforcement of the principal component analysis–extreme learning machine algorithm by linear discriminant analysis. Neural Computing and Applications, 2016, 27, 1749-1760.	5.6	5
13	Convolutional Generative Adversarial Network, via Transfer Learning, for Traditional Scottish Music Generation. Lecture Notes in Computer Science, 2021, , 187-202.	1.3	4
14	Scheduling Space-to-Ground Optical Communication Under Cloud Cover Uncertainty. IEEE Transactions on Aerospace and Electronic Systems, 2021, 57, 2838-2849.	4.7	4
15	Improving the efficiency of reinforcement learning for a spacecraft powered descent with Q-learning. Optimization and Engineering, 0, , 1.	2.4	4
16	Intelligent Control: A Taxonomy. , 2019, , .		3
17	Towards Intelligent Control via Genetic Programming. , 2020, , .		3
18	A Novel Update Mechanism for Q-Networks Based On Extreme Learning Machines. , 2020, , .		2

#	Article	IF	Citations
19	SpaceTransformers: Language Modeling for Space Systems. IEEE Access, 2021, 9, 133111-133122.	4.2	2
20	Enabling intelligent onboard guidance, navigation, and control using reinforcement learning on near-term flight hardware. Acta Astronautica, 2022, 199, 374-385.	3.2	2
21	SpaceLDA: Topic distributions aggregation from a heterogeneous corpus for space systems. Engineering Applications of Artificial Intelligence, 2021, 102, 104273.	8.1	1
22	Single-stage to orbit ascent trajectory optimisation with reliable evolutionary initial guess. Optimization and Engineering, 0, , 1.	2.4	1
23	Indexing Discrete Sets in a Label Setting Algorithm for Solving the Elementary Shortest Path Problem with Resource Constraints. , 2018, , .		0