Lorenzo Salas-Morera

List of Publications by Year
in descending order

37 papers	**540** citations	687363 **13** h-index	677142 **22** g-index
38 all docs	**38** docs citations	**38** times ranked	**438** citing authors

#	Article	IF	Citations
1	Empirical Assessment of Bacillus Calmette-Gué–žin Vaccine to Combat COVID-19. Computers, Materials and Continua, 2022, 70, 213-231.	1.9	0
2	Understanding why women don'€™t choose engineering degrees. International Journal of Technology and Design Education, 2021, 31, 325-338.	2.6	10
3	An Enhanced Deep Convolutional Neural Network for Classifying Indian Classical Dance Forms. Applied Sciences (Switzerland), 2021, 11, 6253.	2.5	20
4	A Multi-User Interactive Coral Reef Optimization Algorithm for Considering Expert Knowledge in the Unequal Area Facility Layout Problem. Applied Sciences (Switzerland), 2021, 11, 6676.	2.5	1
5	A Novel Artificial Neural Network to Predict Compressive Strength of Recycled Aggregate Concrete. Applied Sciences (Switzerland), 2021, 11, 11077.	2.5	13
6	Effect of the Composition of Mixed Recycled Aggregates on Physical–Mechanical Properties. Crystals, 2021, 11, 1518.	2.2	6
7	A novel Island Model based on Coral Reefs Optimization algorithm for solving the unequal area facility layout problem. Engineering Applications of Artificial Intelligence, 2020, 89, 103445.	8.1	25
8	A Hybrid Coral Reefs Optimization–Variable Neighborhood Search Approach for the Unequal Area Facility Layout Problem. IEEE Access, 2020, 8, 134042-134050.	4.2	12
9	Did They Sense it Coming? A Pipelined Approach for Tsunami Prediction Based on Aquatic Behavior Using Ensemble Clustering and Fuzzy Rule-Based Classification. IEEE Access, 2020, 8, 166922-166939.	4.2	3
10	Addressing Unequal Area Facility Layout Problems with the Coral Reef Optimization algorithm with Substrate Layers. Engineering Applications of Artificial Intelligence, 2020, 93, 103697.	8.1	18
11	Using eye-tracking into decision makers evaluation in evolutionary interactive UA-FLP algorithms. Neural Computing and Applications, 2020, 32, 13747-13757.	5.6	3
12	A novel multi-objective Interactive Coral Reefs Optimization algorithm for the Unequal Area Facility Layout Problem. Swarm and Evolutionary Computation, 2020, 55, 100688.	8.1	14
13	Applying the coral reefs optimization algorithm for solving unequal area facility layout problems. Expert Systems With Applications, 2019, 138, 112819.	7.6	38
14	New Approach to the Distribution of Project Completion Time in PERT Networks. Journal of Construction Engineering and Management - ASCE, 2018, 144, .	3.8	5
15	An island model genetic algorithm for unequal area facility layout problems. Expert Systems With Applications, 2017, 68, 151-162.	7.6	77
16	Application of an Eye Tracker Over Facility Layout Problem to Minimize User Fatigue. Lecture Notes in Computer Science, 2017, , 145-156.	1.3	3
17	The role of interdisciplinary research team in the impact of health apps in health and computer science publications: a systematic review. BioMedical Engineering OnLine, 2016, 15, 77.	2.7	22
18	A novel hybrid evolutionary approach for capturing decision maker knowledge into the unequal area facility layout problem. Expert Systems With Applications, 2015, 42, 4697-4708.	7.6	41

#	Article	IF	Citations
19	Facility layout design using a multiâ€objective interactive genetic algorithm to support the DM. Expert Systems, 2015, 32, 94-107.	4.5	28
20	Impact of Health Apps in Health and Computer Science Publications. A Systematic Review from 2010 to 2014. Lecture Notes in Computer Science, 2015, , 24-34.	1.3	7
21	An evolutionary neural system for incorporating expert knowledge into the UA-FLP. Neurocomputing, 2014, 135, 69-78.	5.9	13
22	PpcProject: An educational tool for software project management. Computers and Education, 2013, 69, 181-188.	8.3	12
23	Improving engineering skills in high school students: a partnership between university and K-12 teachers. International Journal of Technology and Design Education, 2013, 23, 903-920.	2.6	13
24	Handling qualitative aspects in Unequal Area Facility Layout Problem: An Interactive Genetic Algorithm. Applied Soft Computing Journal, 2013, 13, 1718-1727.	7.2	58
25	Recycling Plants Layout Design by Means of an Interactive Genetic Algorithm. Intelligent Automation and Soft Computing, 2013, 19, 457-468.	2.1	18
26	An Ordinal Regression Approach for the Unequal Area Facility Layout Problem. Advances in Intelligent Systems and Computing, 2013, , 13-21.	0.6	1
27	A System Learning User Preferences for Multiobjective Optimization of Facility Layouts. Advances in Intelligent Systems and Computing, 2013, , 43-52.	0.6	0
28	ANALYSIS OF ONLINE QUIZZES AS A TEACHING AND ASSESSMENT TOOL. Journal of Technology and Science Education, 2012, 2, .	1.2	24
29	Robotic testing of radio frequency devices designed for industrial safety. Safety Science, 2012, 50, 1606-1617.	4.9	7
30	Effective Use of E-Learning for Improving Studentsâ€™ Skills. , 2012, , 292-314.		4
31	An evolutionary algorithm for the unequal area facility layout problem. , 2011, , .		3
32	An Interactive Genetic Algorithm for the Unequal Area Facility Layout Problem. Advances in Intelligent and Soft Computing, 2011, , 253-262.	0.2	7
33	OPEE: An Outreach Project for Engineering Education. IEEE Transactions on Education, 2010, 53, 96-104.	2.4	12
34	An Interactive Genetic Algorithm with c-Means clustering for the Unequal Area Facility Layout Problem. , 2010, , .		3
35	An Assessment of the ECTS in Software Engineering: A Teaching Experience. IEEE Transactions on Education, 2009, 52, 177-184.	2.4	12
36	Encoding Structures and Operators Used in Facility Layout Problems with Genetic Algorithms. , 2009, , .		5

#	Article	IF	Citations
37	Algorithms for Active Noise Control. Lecture Notes in Computer Science, 2009, , 1240-1247.	1.3	1