

Lorenzo Salas-Morera

List of Publications by Year in descending order

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Version: 2024-02-01

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	An island model genetic algorithm for unequal area facility layout problems. Expert Systems With Applications, 2017, 68, 151-162.	7.6	77
2	Handling qualitative aspects in Unequal Area Facility Layout Problem: An Interactive Genetic Algorithm. Applied Soft Computing Journal, 2013, 13, 1718-1727.	7.2	58
3	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
4	Applying the coral reefs optimization algorithm for solving unequal area facility layout problems. Expert Systems With Applications, 2019, 138, 112819.	7.6	38
5	Facility layout design using a multi-objective interactive genetic algorithm to support the DM. Expert Systems, 2015, 32, 94-107.	4.5	28
6	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
7	ANALYSIS OF ONLINE QUIZZES AS A TEACHING AND ASSESSMENT TOOL. Journal of Technology and Science Education, 2012, 2, .	1.2	24
8	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
9	An Enhanced Deep Convolutional Neural Network for Classifying Indian Classical Dance Forms. Applied Sciences (Switzerland), 2021, 11, 6253.	2.5	20
10	Recycling Plants Layout Design by Means of an Interactive Genetic Algorithm. Intelligent Automation and Soft Computing, 2013, 19, 457-468.	2.1	18
11	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
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	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
14	An evolutionary neural system for incorporating expert knowledge into the UA-FLP. Neurocomputing, 2014, 135, 69-78.	5.9	13
15	A Novel Artificial Neural Network to Predict Compressive Strength of Recycled Aggregate Concrete. Applied Sciences (Switzerland), 2021, 11, 11077.	2.5	13
16	An Assessment of the ECTS in Software Engineering: A Teaching Experience. IEEE Transactions on Education, 2009, 52, 177-184.	2.4	12
17	OPEE: An Outreach Project for Engineering Education. IEEE Transactions on Education, 2010, 53, 96-104.	2.4	12
18	PpcProject: An educational tool for software project management. Computers and Education, 2013, 69, 181-188.	8.3	12

#	ARTICLE	IF	CITATIONS
19	A Hybrid Coral Reefs Optimizationâ€™Variable Neighborhood Search Approach for the Unequal Area Facility Layout Problem. IEEE Access, 2020, 8, 134042-134050.	4.2	12
20	Understanding why women donâ€™t choose engineering degrees. International Journal of Technology and Design Education, 2021, 31, 325-338.	2.6	10
21	Robotic testing of radio frequency devices designed for industrial safety. Safety Science, 2012, 50, 1606-1617.	4.9	7
22	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
23	An Interactive Genetic Algorithm for the Unequal Area Facility Layout Problem. Advances in Intelligent and Soft Computing, 2011, , 253-262.	0.2	7
24	Effect of the Composition of Mixed Recycled Aggregates on Physicalâ€™Mechanical Properties. Crystals, 2021, 11, 1518.	2.2	6
25	Encoding Structures and Operators Used in Facility Layout Problems with Genetic Algorithms. , 2009, , .		5
26	New Approach to the Distribution of Project Completion Time in PERT Networks. Journal of Construction Engineering and Management - ASCE, 2018, 144, .	3.8	5
27	Effective Use of E-Learning for Improving Studentsâ€™ Skills. , 2012, , 292-314.		4
28	An Interactive Genetic Algorithm with c-Means clustering for the Unequal Area Facility Layout Problem. , 2010, , .		3
29	An evolutionary algorithm for the unequal area facility layout problem. , 2011, , .		3
30	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
31	Using eye-tracking into decision makers evaluation in evolutionary interactive UA-FLP algorithms. Neural Computing and Applications, 2020, 32, 13747-13757.	5.6	3
32	Application of an Eye Tracker Over Facility Layout Problem to Minimize User Fatigue. Lecture Notes in Computer Science, 2017, , 145-156.	1.3	3
33	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
34	An Ordinal Regression Approach for the Unequal Area Facility Layout Problem. Advances in Intelligent Systems and Computing, 2013, , 13-21.	0.6	1
35	Algorithms for Active Noise Control. Lecture Notes in Computer Science, 2009, , 1240-1247.	1.3	1
36	Empirical Assessment of Bacillus Calmette-Gu��in Vaccine to Combat COVID-19. Computers, Materials and Continua, 2022, 70, 213-231.	1.9	0

#	ARTICLE	IF	CITATIONS
37	A System Learning User Preferences for Multiobjective Optimization of Facility Layouts. Advances in Intelligent Systems and Computing, 2013, , 43-52.	0.6	0