

Shokri Z Selim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2988593/publications.pdf>

Version: 2024-02-01

53
papers

2,735
citations

394286

19
h-index

223716

46
g-index

53
all docs

53
docs citations

53
times ranked

1937
citing authors

#	ARTICLE	IF	CITATIONS
1	K-Means-Type Algorithms: A Generalized Convergence Theorem and Characterization of Local Optimality. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1984, PAMI-6, 81-87.	9.7	890
2	A simulated annealing algorithm for the clustering problem. Pattern Recognition, 1991, 24, 1003-1008.	5.1	399
3	A simulated annealing algorithm for unit commitment. IEEE Transactions on Power Systems, 1998, 13, 197-204.	4.6	237
4	Integrating genetic algorithms, tabu search, and simulated annealing for the unit commitment problem. IEEE Transactions on Power Systems, 1999, 14, 829-836.	4.6	212
5	Multi-period planning of closed-loop supply chain with carbon policies under uncertainty. Transportation Research, Part D: Transport and Environment, 2017, 51, 146-172.	3.2	170
6	New algorithms for solving the fuzzy clustering problem. Pattern Recognition, 1994, 27, 421-428.	5.1	103
7	Soft clustering of multidimensional data: a semi-fuzzy approach. Pattern Recognition, 1984, 17, 559-568.	5.1	76
8	Fuzzy c-means: Optimality of solutions and effective termination of the algorithm. Pattern Recognition, 1986, 19, 481-485.	5.1	55
9	A global algorithm for the fuzzy clustering problem. Pattern Recognition, 1993, 26, 1357-1361.	5.1	55
10	A new genetic-based tabu search algorithm for unit commitment problem. Electric Power Systems Research, 1999, 49, 71-78.	2.1	47
11	On the Local Optimality of the Fuzzy Isodata Clustering Algorithm. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1986, PAMI-8, 284-288.	9.7	39
12	A thresholded fuzzy c-means algorithm for semi-fuzzy clustering. Pattern Recognition, 1991, 24, 825-833.	5.1	38
13	New results on networked control systems with non-stationary packet dropouts. IET Control Theory and Applications, 2012, 6, 2442-2452.	1.2	33
14	Performance of Shuffled Frog-Leaping Algorithm in Finance-Based Scheduling. Journal of Computing in Civil Engineering, 2012, 26, 396-408.	2.5	26
15	Global exponential stability criteria for neural networks with probabilistic delays. IET Control Theory and Applications, 2010, 4, 2405-2415.	1.2	25
16	Risk-averse multi-product selective newsvendor problem with different market entry scenarios under CVaR criterion. Computers and Industrial Engineering, 2017, 103, 250-261.	3.4	25
17	Improved Genetic Algorithm for Finance-Based Scheduling. Journal of Computing in Civil Engineering, 2013, 27, 379-394.	2.5	23
18	On the mathematical and numerical properties of the fuzzy c-means algorithm. Fuzzy Sets and Systems, 1992, 49, 181-191.	1.6	21

#	ARTICLE	IF	CITATIONS
19	Robust optimization for selective newsvendor problem with uncertain demand. Computers and Industrial Engineering, 2019, 135, 838-854.	3.4	21
20	A relaxation approach to the fuzzy clustering problem. Fuzzy Sets and Systems, 1994, 61, 177-188.	1.6	20
21	A Pareto-based hybrid multiobjective evolutionary approach for constrained multipath traffic engineering optimization in MPLS/GMPLS networks. Journal of Network and Computer Applications, 2013, 36, 1196-1207.	5.8	20
22	EWMA chart with curtailment for monitoring fraction nonconforming. Quality Technology and Quantitative Management, 2017, 14, 412-428.	1.1	18
23	An algorithm for computing the distance between two circular disks. Applied Mathematical Modelling, 2003, 27, 115-124.	2.2	17
24	Multi-product selective newsvendor problem with service level constraints and market selection flexibility. International Journal of Production Research, 2017, 55, 96-117.	4.9	16
25	A design to minimize congestion around the Ka'aba. Computers and Industrial Engineering, 1997, 32, 419-428.	3.4	14
26	Optimal means for continuous processes in series. European Journal of Operational Research, 2011, 210, 618-623.	3.5	14
27	Finance-based scheduling using meta-heuristics: discrete versus continuous optimization problems. Journal of Financial Management of Property and Construction, 2015, 20, 85-104.	0.9	14
28	On the Modeling of Pedestrian Flow on the Jamarat Bridge. Transportation Science, 1991, 25, 257-263.	2.6	11
29	A sequencing problem in the weaving industry. European Journal of Operational Research, 1993, 66, 65-71.	3.5	11
30	An Optimal Cross-Layer Scheduling for Periodic WSN Applications. Procedia Computer Science, 2013, 19, 88-97.	1.2	9
31	Robust Design of a Closed-Loop Supply Chain Considering Multiple Recovery Options and Carbon Policies Under Uncertainty. IEEE Access, 2021, 9, 1167-1189.	2.6	8
32	Solving the minimum-cost constrained multipath routing with load balancing in MPLS networks using an evolutionary method. , 2007, , .		7
33	On Optimal Firewall Rule Ordering. , 2007, , .		7
34	Optimal placement of heterogeneous wireless sensor and relay nodes. , 2011, , .		7
35	Electromagnetic fields in the home. Electric Power Systems Research, 1998, 45, 73-89.	2.1	6
36	Productivity Improvement Through Multi-Objective Simulation Optimizationâ€”A Case Study. IEEE Access, 2019, 7, 40230-40239.	2.6	6

#	ARTICLE	IF	CITATIONS
37	Optimal base stations location and configuration for cellular mobile networks. <i>Wireless Networks</i> , 2015, 21, 13-19.	2.0	5
38	Convex hull representations of models for computing collisions between multiple bodies. <i>European Journal of Operational Research</i> , 2001, 135, 514-526.	3.5	4
39	Economic production quantity model with variable machining rates and product quality. <i>International Journal of Engineering Business Management</i> , 2019, 11, 184797901987261.	2.1	4
40	Optimization of linear-convex programs. <i>Optimization</i> , 1994, 29, 319-331.	1.0	3
41	Time-dependent solution and optimal control of a bulk service queue. <i>Journal of Applied Probability</i> , 1997, 34, 258-266.	0.4	3
42	Time-dependent solution and optimal control of a bulk service queue. <i>Journal of Applied Probability</i> , 1997, 34, 258-266.	0.4	3
43	A cross layer optimization modeling for a periodic WSN application. <i>Journal of Computer and System Sciences</i> , 2015, 81, 516-532.	0.9	3
44	Determining dominant wind directions. <i>European Journal of Operational Research</i> , 1996, 90, 420-426.	3.5	2
45	Collision computation of moving bodies. <i>European Journal of Operational Research</i> , 1999, 119, 121-129.	3.5	2
46	An Optimal Energy Efficient and Minimum Delay Scheduling for Periodic WSN Applications. <i>Procedia Computer Science</i> , 2013, 21, 40-49.	1.2	2
47	Comments on: optimality test for fixed points by Kim et al.. <i>Pattern Recognition</i> , 1990, 23, 1307-1308.	5.1	1
48	Placement of access points in wireless local area networks. , 2009, , .		1
49	Tracking policies for a class of dynamic production-inventory systems. <i>Journal of the Franklin Institute</i> , 2010, 347, 1689-1703.	1.9	1
50	Analysis of a discrete production workstation. <i>Computers and Operations Research</i> , 2022, 137, 105532.	2.4	1
51	POWER-FREQUENCY ELECTROMAGNETIC FIELDS IN THE HOME. <i>Electric Power Components and Systems</i> , 1998, 26, 749-773.	0.1	0
52	Economic production quantity model with imperfect quality during a process adjustment period. , 2012, , .		0
53	A Generalized Process Targeting Model and an Application Involving a Production Process with Multiple Products. <i>Mathematics</i> , 2019, 7, 699.	1.1	0