

Serol Bulkan

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

651
citations

933447

10
h-index

752698

20
g-index

33
all docs

33
docs citations

33
times ranked

722
citing authors

#	ARTICLE	IF	CITATIONS
1	A cost-sensitive decision tree approach for fraud detection. Expert Systems With Applications, 2013, 40, 5916-5923.	7.6	246
2	A research survey: review of AI solution strategies of job shop scheduling problem. Journal of Intelligent Manufacturing, 2015, 26, 961-973.	7.3	158
3	A hybrid algorithm for total tardiness minimisation in flexible job shop: genetic algorithm with parallel VNS execution. International Journal of Production Research, 2015, 53, 1832-1848.	7.5	41
4	Assessing the social sustainable supply chain indicators using an integrated fuzzy multi-criteria decision-making methods: a case study of Turkey. Environment, Development and Sustainability, 2021, 23, 4285-4320.	5.0	39
5	A research survey: heuristic approaches for solving multi objective flexible job shop problems. Journal of Intelligent Manufacturing, 2020, 31, 1949-1983.	7.3	35
6	Prediction of medical waste generation using SVR, GM (1,1) and ARIMA models: a case study for megacity Istanbul. Journal of Environmental Health Science & Engineering, 2020, 18, 687-697.	3.0	25
7	Water and energy minimization in industrial processes through mathematical programming: A literature review. Journal of Cleaner Production, 2021, 284, 124752.	9.3	18
8	Weapon Target Assignment with Combinatorial Optimization Techniques. International Journal of Advanced Research in Artificial Intelligence, 2013, 2, .	0.2	17
9	A hybrid genetic algorithm based on a two-level hypervolume contribution measure selection strategy for bi-objective flexible job shop problem. Computers and Operations Research, 2022, 141, 105694.	4.0	14
10	Multiprocessor open shop problem: literature review and future directions. Journal of Combinatorial Optimization, 2020, 40, 547-569.	1.3	13
11	A Novel Approach Integrating Intuitionistic Fuzzy Analytical Hierarchy Process and Goal Programming for Chickpea Cultivar Selection under Stress Conditions. Processes, 2020, 8, 1288.	2.8	11
12	A TWO-STAGE SOLUTION APPROACH FOR THE LARGE-SCALE HOME HEALTHCARE ROUTEING AND SCHEDULING PROBLEM. South African Journal of Industrial Engineering, 2017, 28, .	0.2	11
13	A coordinated scheduling problem for the supply chain in a flexible job shop machine environment. Operational Research, 2021, 21, 875-900.	2.0	6
14	Comparison of Genetic Algorithm and Particle Swarm Optimization for Bicriteria Permutation Flowshop Scheduling Problem. International Journal of Computational Intelligence Research, 2008, 4, .	0.3	4
15	Centrality based solution approaches for median-type incomplete hub location problems. Computers and Industrial Engineering, 2021, 156, 107275.	6.3	3
16	An ant colony optimization approach for the proportionate multiprocessor open shop. Journal of Combinatorial Optimization, 2022, 43, 785-817.	1.3	3
17	Capacity Management in Hotel Industry for Turkey. Advances in Hospitality, Tourism and the Services Industry, 2017, , 286-304.	0.2	2
18	Three Genetic Algorithm Approaches to Parallel Machine Scheduling and Comparison with a Heuristic. , 2010, , .		1

#	ARTICLE	IF	CITATIONS
19	Optimization in Military Planning. , 2021, , 536-555.		1
20	A Heuristic Approach for Shelf Space Allocation Problem. Journal of Military and Information Science, 2016, 4, 38.	0.3	1
21	Bearing-Only Target Motion Analysis. Advances in Logistics, Operations, and Management Science Book Series, 2019, , 330-346.	0.4	1
22	Multi-Objective approach to forecast design refresh time due to COTS obsolescence. Systems Engineering, 2022, 25, 224-241.	2.7	1
23	An analytical approach to automotive industry. Journal of Aeronautics and Space Technologies (Havacılık Ve Uzay Teknolojileri Dergisi), 2015, 8, .	0.2	0
24	Algorithmic pairs trading with expert inputs, a fuzzy statistical arbitrage framework. Journal of Intelligent and Fuzzy Systems, 2020, 38, 697-707.	1.4	0
25	Obsolescence Management for Sustainment-Dominated Military Systems. , 2021, , 449-468.		0
26	A Cluster First-Route Second Solution Approach for the Multi-Period Home Healthcare Routing and Scheduling Problem. Advances in Logistics, Operations, and Management Science Book Series, 2021, , 111-139.	0.4	0
27	Scheduling Component Placement Operations for Collect-and-Place Type PCB Assembly Machines. , 2009, , 129-134.		0
28	New Variable Neighborhood Search Structure for Travelling Salesman Problems. British Journal of Mathematics & Computer Science, 2015, 6, 422-434.	0.3	0
29	A HEURISTIC APPROACH TO MINIMISING MAXIMUM LATENESS ON A SINGLE MACHINE. South African Journal of Industrial Engineering, 2015, 26, .	0.2	0
30	Optimization in Military Planning. Advances in Logistics, Operations, and Management Science Book Series, 2019, , 111-130.	0.4	0
31	Attrition Models and Applications. Advances in Logistics, Operations, and Management Science Book Series, 2019, , 131-154.	0.4	0
32	Obsolescence Management for Sustainment-Dominated Military Systems. Advances in Logistics, Operations, and Management Science Book Series, 2019, , 205-224.	0.4	0
33	BİR NLEŞK TEDARİK ZANÇI ZELGELEME MODELLERİ: BİR LATERATÖR TARAMASI. Mühendislik Bilimleri Ve Tasarım Dergisi, 2019, 7, 182-195.	0.3	0