Serol Bulkan

List of Publications by Year
in descending order

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	An ant colony optimization approach for the proportionate multiprocessor open shop. Journal of Combinatorial Optimization, 2022, 43, 785-817.	1.3	3
2	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
3	Multiâ€objective approach to forecast design refresh time due to COTS obsolescence. Systems Engineering, 2022, 25, 224-241.	2.7	1
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	Water and energy minimization in industrial processes through mathematical programming: A literature review. Journal of Cleaner Production, 2021, 284, 124752.	9.3	18
6	A coordinated scheduling problem for the supply chain in a flexible job shop machine environment. Operational Research, 2021, 21, 875-900.	2.0	6
7	Optimization in Military Planning. , 2021, , 536-555.		1
8	Obsolescence Management for Sustainment-Dominated Military Systems. , 2021, , 449-468.		0
9	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
10	Centrality based solution approaches for median-type incomplete hub location problems. Computers and Industrial Engineering, 2021, 156, 107275.	6.3	3
11	Algorithmic pairs trading with expert inputs, a fuzzy statistical arbitrage framework. Journal of Intelligent and Fuzzy Systems, 2020, 38, 697-707.	1.4	0
12	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
13	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
14	Multiprocessor open shop problem: literature review and future directions. Journal of Combinatorial Optimization, 2020, 40, 547-569.	1.3	13
15	A research survey: heuristic approaches for solving multi objective flexible job shop problems. Journal of Intelligent Manufacturing, 2020, 31, 1949-1983.	7.3	35
16	Optimization in Military Planning. Advances in Logistics, Operations, and Management Science Book Series, 2019, , 111-130.	0.4	0
17	Attrition Models and Applications. Advances in Logistics, Operations, and Management Science Book Series, 2019, , 131-154.	0.4	0
18	Obsolescence Management for Sustainment-Dominated Military Systems. Advances in Logistics, Operations, and Management Science Book Series, 2019, , 205-224.	0.4	0

#	Article	IF	Citations
19	Bearing-Only Target Motion Analysis. Advances in Logistics, Operations, and Management Science Book Series, 2019, , 330-346.	0.4	1
20	BÃœTÃœNLEÅžÄ°K TEDARÄ°K ZÄ°NCÄ°RÄ° Ã‡Ä°ZELGELEME MODELLERÄ°: BÄ°R LÄ°TERATÃœR TARAMASI. MÃ¼hendislik Bilimleri Ve TasarÄ±m Dergisi, 2019, 7, 182-195.	0.3	0
21	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
22	Capacity Management in Hotel Industry for Turkey. Advances in Hospitality, Tourism and the Services Industry, 2017, , 286-304.	0.2	2
23	A Heuristic Approach for Shelf Space Allocation Problem. Journal of Military and Information Science, 2016, 4, 38.	0.3	1
24	An analytical approach to automotive industry. Journal of Aeronautics and Space Technologies (Havacilik Ve Uzay Teknolojileri Dergisi), 2015, 8, .	0.2	0
25	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
26	A research survey: review of AI solution strategies of job shop scheduling problem. Journal of Intelligent Manufacturing, 2015, 26, 961-973.	7.3	158
27	New Variable Neighborhood Search Structure for Travelling Salesman Problems. British Journal of Mathematics & Computer Science, 2015, 6, 422-434.	0.3	0
28	A HEURISTIC APPROACH TO MINIMISING MAXIMUM LATENESS ON A SINGLE MACHINE. South African Journal of Industrial Engineering, 2015, 26, .	0.2	0
29	A cost-sensitive decision tree approach for fraud detection. Expert Systems With Applications, 2013, 40, 5916-5923.	7.6	246
30	Weapon Target Assignment with Combinatorial Optimization Techniques. International Journal of Advanced Research in Artificial Intelligence, 2013, 2, .	0.2	17
31	Three Genetic Algorithm Approaches to Parallel Machine Scheduling and Comparison with a Heuristic. , 2010, , .		1
32	Scheduling Component Placement Operations for Collect-and-Place Type PCB Assembly Machines. , 2009, , 129-134.		0
33	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