

Alper Murat

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,387
citations

471061

17
h-index

552369

26
g-index

27
all docs

27
docs citations

27
times ranked

1709
citing authors

#	ARTICLE	IF	CITATIONS
1	A discrete particle swarm optimization method for feature selection in binary classification problems. European Journal of Operational Research, 2010, 206, 528-539.	3.5	377
2	mr2PSO: A maximum relevance minimum redundancy feature selection method based on swarm intelligence for support vector machine classification. Information Sciences, 2011, 181, 4625-4641.	4.0	250
3	A fuzzy-AHP approach to prioritization of CS attributes in target planning for automotive product development. Expert Systems With Applications, 2010, 37, 6775-6786.	4.4	102
4	Selection of contract suppliers under price and demand uncertainty in a dynamic market. European Journal of Operational Research, 2009, 198, 830-847.	3.5	60
5	Dynamic routing under recurrent and non-recurrent congestion using real-time ITS information. Computers and Operations Research, 2012, 39, 358-373.	2.4	60
6	The bullwhip effect in capacitated supply chains with consideration for product life-cycle aspects. International Journal of Production Economics, 2012, 136, 318-331.	5.1	54
7	A continuous analysis framework for the solution of location allocation problems with dense demand. Computers and Operations Research, 2010, 37, 123-136.	2.4	48
8	Efficient exact optimization of multi-objective redundancy allocation problems in series-parallel systems. Reliability Engineering and System Safety, 2013, 111, 154-163.	5.1	48
9	A swarm intelligence based sample average approximation algorithm for the capacitated reliable facility location problem. International Journal of Production Economics, 2013, 145, 173-183.	5.1	47
10	Directions for instilling economic and environmental sustainability across product supply chains. Journal of Cleaner Production, 2016, 112, 2066-2078.	4.6	45
11	A heuristic procedure for the integrated facility layout design and flow assignment problem. Computers and Industrial Engineering, 2011, 61, 55-63.	3.4	40
12	A framework for capturing and analyzing the failures due to system/component interactions. Quality and Reliability Engineering International, 2008, 24, 265-289.	1.4	35
13	Integrated production and logistics planning: Contract manufacturing and choice of air/surface transportation. European Journal of Operational Research, 2015, 247, 113-123.	3.5	27
14	A cost sensitive inpatient bed reservation approach to reduce emergency department boarding times. Health Care Management Science, 2015, 18, 67-85.	1.5	27
15	Hazard rate models for core return modeling in auto parts remanufacturing. International Journal of Production Economics, 2017, 183, 354-361.	5.1	27
16	Dynamic routing for milk-run tours with time windows in stochastic time-dependent networks. Transportation Research, Part E: Logistics and Transportation Review, 2017, 97, 251-267.	3.7	26
17	A multi-dimensional shooting algorithm for the two-facility location allocation problem with dense demand. Computers and Operations Research, 2011, 38, 450-463.	2.4	18
18	Product development resilience through set-based design. Systems Engineering, 2018, 21, 490-500.	1.6	17

#	ARTICLE	IF	CITATIONS
19	ASRSM: A Sequential Experimental Design for Response Surface Optimization. Quality and Reliability Engineering International, 2013, 29, 241-258.	1.4	15
20	Simulation platform for anticipative plant-level maintenance decision support system. International Journal of Production Research, 2016, 54, 1785-1803.	4.9	14
21	An unpaired pickup and delivery problem with time dependent assignment costs: Application in air cargo transportation. European Journal of Operational Research, 2017, 263, 188-202.	3.5	13
22	Service location grouping and pricing in transportation: Application in air cargo. European Journal of Operational Research, 2018, 267, 933-943.	3.5	11
23	An Efficient Adaptive Sequential Methodology for Expensive Response Surface Optimization. Quality and Reliability Engineering International, 2013, 29, 799-817.	1.4	7
24	An Adaptive Sequential Experimentation Methodology for Expensive Response Surface Optimization â€œ Case Study in Traumatic Brain Injury Modeling. Quality and Reliability Engineering International, 2014, 30, 767-793.	1.4	7
25	A global shooting algorithm for the facility location and capacity acquisition problem on a line with dense demand. Computers and Operations Research, 2016, 71, 1-15.	2.4	7
26	Facing the Inevitable. American Journal of Clinical Pathology, 2018, 149, 484-498.	0.4	5
27	A tree based approach for multi-class classification of surgical procedures using structured and unstructured data. BMC Medical Informatics and Decision Making, 2021, 21, 328.	1.5	0