# Alper Murat

List of Publications by Year
in descending order

| | | | |
|---|---|---|---|
| 27
papers | 1,387
citations | 471509
17
h-index | 552781
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. | 5.7 | 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. | 6.9 | 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. | 7.6 | 102 |
| 4 | Selection of contract suppliers under price and demand uncertainty in a dynamic market. European Journal of Operational Research, 2009, 198, 830-847. | 5.7 | 60 |
| 5 | Dynamic routing under recurrent and non-recurrent congestion using real-time ITS information. Computers and Operations Research, 2012, 39, 358-373. | 4.0 | 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. | 8.9 | 54 |
| 7 | A continuous analysis framework for the solution of location–allocation problems with dense demand. Computers and Operations Research, 2010, 37, 123-136. | 4.0 | 48 |
| 8 | Efficient exact optimization of multi-objective redundancy allocation problems in series-parallel systems. Reliability Engineering and System Safety, 2013, 111, 154-163. | 8.9 | 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. | 8.9 | 47 |
| 10 | Directions for instilling economic and environmental sustainability across product supply chains. Journal of Cleaner Production, 2016, 112, 2066-2078. | 9.3 | 45 |
| 11 | A heuristic procedure for the integrated facility layout design and flow assignment problem. Computers and Industrial Engineering, 2011, 61, 55-63. | 6.3 | 40 |
| 12 | A framework for capturing and analyzing the failures due to system/component interactions. Quality and Reliability Engineering International, 2008, 24, 265-289. | 2.3 | 35 |
| 13 | Integrated production and logistics planning: Contract manufacturing and choice of air/surface transportation. European Journal of Operational Research, 2015, 247, 113-123. | 5.7 | 27 |
| 14 | A cost sensitive inpatient bed reservation approach to reduce emergency department boarding times. Health Care Management Science, 2015, 18, 67-85. | 2.6 | 27 |
| 15 | Hazard rate models for core return modeling in auto parts remanufacturing. International Journal of Production Economics, 2017, 183, 354-361. | 8.9 | 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. | 7.4 | 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. | 4.0 | 18 |
| 18 | Product development resilience through set‑based design. Systems Engineering, 2018, 21, 490-500. | 2.7 | 17 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | ASRSM: A Sequential Experimental Design for Response Surface Optimization. Quality and Reliability Engineering International, 2013, 29, 241-258. | 2.3 | 15 |
| 20 | Simulation platform for anticipative plant-level maintenance decision support system. International Journal of Production Research, 2016, 54, 1785-1803. | 7.5 | 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. | 5.7 | 13 |
| 22 | Service location grouping and pricing in transportation: Application in air cargo. European Journal of Operational Research, 2018, 267, 933-943. | 5.7 | 11 |
| 23 | An Efficient Adaptive Sequential Methodology for Expensive Response Surface Optimization. Quality and Reliability Engineering International, 2013, 29, 799-817. | 2.3 | 7 |
| 24 | An Adaptive Sequential Experimentation Methodology for Expensive Response Surface Optimization â€" Case Study in Traumatic Brain Injury Modeling. Quality and Reliability Engineering International, 2014, 30, 767-793. | 2.3 | 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. | 4.0 | 7 |
| 26 | Facing the Inevitable. American Journal of Clinical Pathology, 2018, 149, 484-498. | 0.7 | 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. | 3.0 | 0 |