

Personal Information

Email: naderg@metu.edu.tr

Web: <https://avesis.metu.edu.tr/naderg>

International Researcher IDs

ORCID: 0000-0003-4363-1112

Yoksis Researcher ID: 392726

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A heuristic approach to the stochastic capacitated single allocation hub location problem with Bernoulli demands**
Andaryan A. Z., Mousighichi K., Ghaffarinasab N.
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, vol.312, no.3, pp.954-968, 2024 (SCI-Expanded)
- II. **A mean-CVaR approach to the risk-averse single allocation hub location problem with flow-dependent economies of scale**
Ghaffarinasab N., Cavus O., Kara B. Y.
TRANSPORTATION RESEARCH PART B-METHODOLOGICAL, vol.167, pp.32-53, 2023 (SCI-Expanded)
- III. **Stochastic hub location problems with Bernoulli demands**
Ghaffarinasab N.
COMPUTERS & OPERATIONS RESEARCH, vol.145, 2022 (SCI-Expanded)
- IV. **Exact algorithms for the robust uncapacitated multiple allocation p -hub median problem**
Ghaffarinasab N.
OPTIMIZATION LETTERS, vol.16, no.6, pp.1745-1772, 2022 (SCI-Expanded)
- V. **Competitive multiple allocation hub location problem considering primary and backup routes**
Khodae S., Roghanian E., Ghaffarinasab N.
COMPUTATIONAL & APPLIED MATHEMATICS, vol.41, no.4, 2022 (SCI-Expanded)
- VI. **The stratified p -hub center and p -hub maximal covering problems**
Ghaffarinasab N., Kara B. Y., Campbell J. F.
TRANSPORTATION RESEARCH PART B-METHODOLOGICAL, vol.157, pp.120-148, 2022 (SCI-Expanded)
- VII. **A conditional β -mean approach to risk-averse stochastic multiple allocation hub location problems**
Ghaffarinasab N., Kara B. Y.
TRANSPORTATION RESEARCH PART E-LOGISTICS AND TRANSPORTATION REVIEW, vol.158, 2022 (SCI-Expanded)
- VIII. **Modeling and solving the uncapacitated r -allocation p -hub median problem under congestion**
Ghaffarinasab N., Motallebzadeh A.
COMPUTATIONAL & APPLIED MATHEMATICS, vol.40, no.7, 2021 (SCI-Expanded)
- IX. **Benders Decomposition Algorithms for Two Variants of the Single Allocation Hub Location Problem**
Ghaffarinasab N., Kara B. Y.
NETWORKS & SPATIAL ECONOMICS, no.1, pp.83-108, 2019 (SCI-Expanded)
- X. **A continuous approximation approach to the planar hub location-routing problem: Modeling and solution algorithms**
Ghaffarinasab N., Van Woensel T., Minner S.
COMPUTERS & OPERATIONS RESEARCH, vol.100, pp.140-154, 2018 (SCI-Expanded)
- XI. **An efficient matheuristic for the robust multiple allocation p -hub median problem under**

polyhedral demand uncertainty

Ghaffarinasab N.

COMPUTERS & OPERATIONS RESEARCH, vol.97, pp.31-47, 2018 (SCI-Expanded)

XII. **Hub interdiction problem variants: Models and metaheuristic solution algorithms**

Ghaffarinasab N., Motallebzadeh A.

EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, vol.267, no.2, pp.496-512, 2018 (SCI-Expanded)

XIII. **An implicit enumeration algorithm for the hub interdiction median problem with fortification**

Ghaffarinasab N., Atayi R.

EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, vol.267, no.1, pp.23-39, 2018 (SCI-Expanded)

XIV. **Efficient simulated annealing based solution approaches to the competitive single and multiple allocation hub location problems**

Ghaffarinasab N., Motallebzadeh A., Jabarzadeh Y., Kara B. Y.

COMPUTERS & OPERATIONS RESEARCH, vol.90, pp.173-192, 2018 (SCI-Expanded)

XV. **Applying two efficient hybrid heuristics for hub location problem with fully interconnected backbone and access networks**

Saboury A., Ghaffari-Nasab N., Barzinpour F., Jabalameli M. S.

COMPUTERS & OPERATIONS RESEARCH, vol.40, no.10, pp.2493-2507, 2013 (SCI-Expanded)

Articles Published in Other Journals

I. **A multi-objective mixed-integer linear model for sustainable fruit closed-loop supply chain network**

Jabarzadeh Y., Reyhani Yamchi H., Kumar V., Ghaffarinasab N.

MANAGEMENT OF ENVIRONMENTAL QUALITY, vol.31, no.5, pp.1351-1373, 2020 (ESCI)