



Personal Information

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International Researcher IDs

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Education Information

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği A.B.D.,
Turkey 2018 - Continues

Doctorate, Erciyes University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği A.B.D.,
Turkey 2017 - 2018

Undergraduate, Erciyes University, Mühendislik Fakültesi, Endüstri Mühendisliği, Turkey
2012 - 2017

Research Areas

algorithms, Simulation and Modelling, Industrial Engineering , Optimization Theory and Methods, Heuristic Methods

Academic Titles / Tasks

Research Assistant, Ataturk University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2018 - Continues

Academic and Administrative Experience

Internship Committee Member, Ataturk University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2021 - Continues

Exam Program Preparation Commission Member, Ataturk University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2018
- Continues

Curriculum Preparation Committee Member, Ataturk University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2018 -
Continues

Adaptation/Exemption Committee Member, Ataturk University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2018 -
Continues

Published journal articles indexed by SCI, SSCI, and AHCI

I. Inventory control model for intermittent demand: a comparison of metaheuristics

Yuna F., Erkayman B., Yilmaz M.

SOFT COMPUTING, vol.27, no.10, pp.6487-6505, 2023 (SCI-Expanded)

Articles Published in Other Journals

- I. **A Genetic Algorithm-Based Model for Inventory Control in Intermittent Demands**
Yuna F., ErKayman B.
European Journal of Science and Technology, no.32, pp.696-701, 2021 (Peer-Reviewed Journal)
- II. **A Hybrid Fuzzy Multi-Criteria Decision-Making Approach for Data Center Location Selection**
Yuna F., Emeç Ş., Albayrak Ö., Kılıç R., Usanmaz B., ErKayman B.
Brilliant Engineering, vol.1, no.1, pp.13-20, 2020 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Arc Routing Problem and Solution Approaches for Due Diligence in Disaster Management**
YUNA F., ERKAYMAN B.
in: Advances in Intelligent Manufacturing and Service System Informatics, , Editor, Springer Singapore, pp.382-387, 2023

Refereed Congress / Symposium Publications in Proceedings

- I. **Heuristic Solution Approaches for Due Diligence in Disaster Management**
Yuna F., ErKayman B.
International Conference on Optimization and Data Science in Industrial Engineering, İstanbul, Turkey, 16 - 17 November 2023, pp.1
- II. **Afrika Akbaları Optimizasyon Algoritması ile Otomotiv Yedek Parçaları için Stok Kontrol Modeli**
Kılıç R., Albayrak Ünal Ö., Yuna F., ErKayman B.
42. Yöneyem Araştırması ve Endüstri Mühendisliği Kongresi, Gaziantep, Turkey, 1 November - 03 December 2023, pp.28
- III. **Arc Routing Problem and Solution Approaches for Due Diligence in Disaster Management**
Yuna F., ErKayman B.
12th International Symposium on Intelligent Manufacturing and Service Systems, Sakarya, Turkey, 26 - 28 May 2023, pp.1-10
- IV. **A Genetic Algorithm-Based Model for Inventory Control in Intermittent Demands**
YUNA F., ERKAYMAN B.
International Conference on Design, Research and Development, 15 December 2021
- V. **A Metaheuristic Approach for an Inventory Model with Random Demands**
Yuna F., ErKayman B.
The 49th International Conference on Computers Industrial Engineering(CIE49), Beijing, China, 18 - 21 October 2019
- VI. **Investigation of the effect of the number of criteria on the threshold value in Autocratic MAGDM methodology based on Interval valued intuitionistic fuzzy set (IVIF): An application via MATLAB software**
YUNA F., ADAR T., EMEÇ Ş., KILIÇ DELİCE E., AKKAYA G.
3rd International Conference on Advanced Engineering Technologies, Bayburt, Turkey, 19 - 21 September 2019, pp.1148-1156
- VII. **Arc Routing Problem and Solution Approaches in Directed Networks**
YUNA F., ERKAYMAN B., YILMAZ M.
INTERNATIONAL SYMPOSIUM ON APPLIED SCIENCES AND ENGINEERING, Erzurum, Turkey, 26 - 28 November 2018, pp.183

Metrics

Publication: 11

Scholarships

YOK, 2017 - 2018