Prof. ESRA KARASAKAL

Personal Information

Office Phone: +90 312 210 2278

Email: koktener@metu.edu.tr

Web: https://avesis.metu.edu.tr/koktener

International Researcher IDs

ScholarID: H1mkxPoAAAAJ

ORCID: 0000-0003-4095-1858

Publons / Web Of Science ResearcherID: AAZ-7817-2020

ScopusID: 6507642698

Yoksis Researcher ID: 182151

Education Information

Doctorate, Middle East Technical University, Faculty of Engineering, Department of Industrial Engineering, Turkey 1995 - 2000

Postgraduate, Lancaster University, Operational Research, United Kingdom 1994 - 1995

Undergraduate, Middle East Technical University, Faculty of Engineering, Department of Industrial Engineering, Turkey 1990 - 1994

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Multiobjective decision making: An interactive approach and discrete representation of the efficient frontier, Middle East Technical University, Faculty of Engineering, Department of Industrial Engineering, 2000

Postgraduate, Thomas Bolton Project , Lancaster University, Operational Research, 1995

Research Areas

Engineering and Technology

Academic Titles / Tasks

Professor, Middle East Technical University, Faculty of Engineering, Department of Industrial Engineering, 2016 - Continues

Associate Professor, Middle East Technical University, Faculty of Engineering, Department of Industrial Engineering, 2008 - 2016

Assistant Professor, Middle East Technical University, Faculty of Engineering, Department of Industrial Engineering, 2002 - 2016

Research Assistant, Middle East Technical University, Faculty of Engineering, Department of Industrial Engineering, 1995 - 2002

Academic and Administrative Experience

Head of Department, Middle East Technical University, Faculty of Engineering, Department of Industrial Engineering, 2020 - Continues
Head of Department, Middle East Technical University, Faculty of Engineering, Department of Industrial Engineering, 2020 - 2023
Academic Performance D. Board Member, Middle East Technical University, Faculty of Engineering, Department of Industrial Engineering, 2020 - 2021
Erasmus Coordinator, Middle East Technical University, Faculty of Engineering, 2016 - 2020
Middle East Technical University, Faculty of Engineering, Department of Industrial Engineering, 2010 - 2011

Courses

Decision Models, Postgraduate, 2019 - 2020

Advising Theses

Karasakal E., Karasakal O., EXTENDING AN OUTRANKING MULTIPLE CRITERIA DECISION MAKING METHOD TO DIFFERENTIATE GAIN AND LOSS UNDER FULL AND PARTIAL INFORMATION, Postgraduate, H.Şentürk(Student), Continues
Karasakal E., Karasakal O., ANALYSIS OF AIR DEFENSE EFFECTIVENESS OF A NAVAL TASK GROUP UNDER PARTIAL AND FULL COORDINATION, Postgraduate, B.İlkim(Student), Continues
Karasakal E., Karasakal O., A VEHICLE ROUTING MODEL FOR AERIAL SURVEILLANCE WITH HETEROGENOUS FLEET, Postgraduate, K.Tarakçı(Student), Continues
Karasakal E., Karasakal O., HETEROGENOUS SENSOR DATA FUSION, Postgraduate, İ.Hakkı(Student), Continues
KARASAKAL E., Linear approximations and extensions to distance based multicriteria sorting methods, Postgraduate, H.TAŞ(Student), 2022
KARASAKAL E., Analysis of air defense effectiveness of a naval task group under partial and full coordination, Postgraduate, B.İLKİM(Student), 2022
KARASAKAL E., Extending an outranking multiple criteria decision making method to differentiate gain and loss, Postgraduate, H.ŞENTÜRK(Student), 2021
KARASAKAL E., Vehicle routing for aerial surveillance with a homogeneous fleet, Postgraduate, K.TARAKÇI(Student), 2021
Karasakal E., Karasakal O., TARGET CLASSIFICATION UNDER MULTI SENSOR ENVIRONMENT, Postgraduate, B.Atıcı(Student), 2019
Karasakal E., A MATHEMATICAL PROGRAMMING EVALUATION APPROACH FOR MULTIPLE CRITERIA SORTING PROBLEMS, Postgraduate, M.Civelek(Student), 2019
KARASAKAL E., A MULTIOBJECTIVE APPROACH TO ASSEMBLY LINE PART FEEDING PROBLEM, Postgraduate, R.KIZILYILDIRIM(Student), 2018
KARASAKAL E., Multiobjective missile rescheduling problem, Doctorate, A.SİLAV(Student), 2017
AZİZOĞLU M., KARASAKAL E., Bicriteria bin packing problem with deviation based objectives, Postgraduate, A.ÖYLEK(Student), 2015
KARASAKAL E., Multiobjective aerial surveillance problem, Postgraduate, G.MARAŞ(Student), 2013
İYİGÜN C., KARASAKAL E., A multiple criteria sorting approach based on distance functions, Postgraduate, B.ÇELİK(Student), 2011

ÖZDEMİREL N. E., KARASAKAL E., An interactive preference based evolutionary algorithm for the clustering problem, Postgraduate, K.DEMİRTAŞ(Student), 2011

ÖZDEMİREL N. E., KARASAKAL E., An interactive preference based multiobjective evolutionary algorithm for the clustering problem, Postgraduate, K.Demirtaş(Student), 2011

KARASAKAL E., An interactive evolutionary algorithm for the multiobjective relocation problem with partial coverage, Postgraduate, B.ORBAY(Student), 2011

KARASAKAL E., Multiple criteria sorting methods based on support vector machines, Postgraduate, A.DUMAN(Student), 2010

KARASAKAL E., A DEA based sorting approach for industrial R&D projects, Postgraduate, P.AKER(Student), 2010

KARASAKAL E., Bi-objective facility location problems in the presence of partial coverage, Postgraduate, A.SİLAV(Student), 2009

KARASAKAL E., Interval priority weight generation from interval comparison matrices in analytic hierarchy process, Postgraduate, U.ÖZTÜRK(Student), 2009

KÖKSAL G., KARASAKAL E., A comparison of data mining methods for prediction and classification types of quality problems, Postgraduate, Z.ANAKLI(Student), 2009

KARASAKAL E., Multiple criteria project selection problems, Postgraduate, M.ÇAĞLAR(Student), 2009

KARASAKAL E., SÜRAL H., A genetic algorithm for the biobjective traveling salesman problem with profits, Postgraduate, S.KARADEMİR(Student), 2008

KARASAKAL E., SÜRAL H., The biobjective traveling salesman problem with profit, Postgraduate, Ö.ŞİMŞEK(Student), 2007

KARASAKAL E., R&D project performance evaluation with multiple and interdependent criteria, Postgraduate, Z.TOHUMCU(Student), 2007

KARASAKAL E., Multi-criteria decision making with interdependent criteria using prospect theory, Postgraduate, A.BOZKURT(Student), 2007

KARASAKAL E., Hierarchical maximal covering location problem with referral in the presence of partial coverage, Postgraduate, Ö.TÖREYEN(Student), 2007

KARASAKAL E., Hybrid ranking approaches based on data envelopment analysis and outranking relations, Postgraduate, U.ERYILMAZ(Student), 2006

KARASAKAL E., Undesirable and semi-desirable facility location problems, Postgraduate, D.NADİRLER(Student), 2004

KARASAKAL E., Interactive approaches based on outranking relations for multicriteria decision making problems with impreceise information, Postgraduate, G.Özerol(Student), 2003

AZİZOĞLU M., KARASAKAL E., Bi-objective bin packing problems, Postgraduate, I.ILICAK(Student), 2003

KARASAKAL E., Interactive approaches based on outranking relations for multicriteria decision making problems with imprecise information, Postgraduate, G.ÖZEROL(Student), 2003

Advising Graduates (Non-Thesis)

Karasakal E., Multi-Criteria Decision Aid for Country Ranking Problem, Masters (Non-Thesis), F.Akyar(Student), 2021

Jury Memberships

Doctorate, Doctorate, Başkent Üniversitesi, June, 2021
Associate Professor Exam, Associate Professor Exam, Yıldız Teknik Üniversitesi, July, 2019
Associate Professor Exam, Associate Professor Exam, Yıldız Teknik Üniversitesi, July, 2019
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Başkent Üniversitesi, June, 2019
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Başkent Üniversitesi, June, 2019
Associate Professor Exam, Associate Professor Exam, İhsan Doğramacı Bilkent Üniversitesi, March, 2019
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Başkent Üniversitesi, December, 2018

Associate Professor Exam, Associate Professor Exam, Middle East Technical University, October, 2018

Associate Professor Exam, Associate Professor Exam, Orta Doğu Teknik Üniversitesi, June, 2018

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Başkent Üniversitesi, June, 2018

Associate Professor Exam, Associate Professor Exam, Middle East Technical University, June, 2018

Associate Professor Exam, Associate Professor Exam, Middle East Technical University, June, 2018

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Orta Doğu Teknik Üniversitesi, January, 2018

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Hacettepe Üniversitesi, January, 2018

Published journal articles indexed by SCI, SSCI, and AHCI

I. **A partial coverage hierarchical location allocation model for health services**
Karasakal O., KARASAKAL E., Toreyen O.
EUROPEAN JOURNAL OF INDUSTRIAL ENGINEERING, vol.17, no.1, pp.115-147, 2023 (SCI-Expanded)

II. **Bi-objective dynamic weapon-target assignment problem with stability measure**
Silav A., KARASAKAL E., Karasakal O.
ANNALS OF OPERATIONS RESEARCH, vol.311, no.2, pp.1229-1247, 2022 (SCI-Expanded)

III. **Ranking using PROMETHEE when weights and thresholds are imprecise: A data envelopment analysis approach**
KARASAKAL E., Eryilmaz U., Karasakal O.
JOURNAL OF THE OPERATIONAL RESEARCH SOCIETY, vol.73, no.9, pp.1978-1995, 2022 (SCI-Expanded)

IV. **A Multi-Objective Mathematical Model for Level of Repair Analysis with Lead Times and Multi-Transportation Modes**
Bicakci I., İÇ Y. T., KARASAKAL E., DENGİZ B.
INTERNATIONAL JOURNAL OF INFORMATION TECHNOLOGY & DECISION MAKING, vol.21, no.01, pp.423-440, 2022 (SCI-Expanded)

V. **A New Multi-Echelon Repair Network Model with Multiple Upstream Locations for Level of Repair Analysis Problem**
Bicakci I., İÇ Y. T., KARASAKAL E., DENGİZ B.
DEFENCE SCIENCE JOURNAL, vol.71, no.6, pp.762-771, 2021 (SCI-Expanded)

VI. **A multi-objective approach for dynamic missile allocation using artificial neural networks for time sensitive decisions**
Karasakal O., KARASAKAL E., Silav A.
Soft Computing, vol.25, no.15, pp.10153-10166, 2021 (SCI-Expanded)

VII. **Multiobjective aerial surveillance over disjoint rectangles**
Karasakal O., KARASAKAL E., Maraş G.
Computers and Industrial Engineering, vol.148, 2020 (SCI-Expanded)

VIII. **Bi-objective missile rescheduling for a naval task group with dynamic disruptions**
Silav A., Karasakal O., KARASAKAL E.
NAVAL RESEARCH LOGISTICS, vol.66, no.7, pp.596-615, 2019 (SCI-Expanded)

IX. **A multicriteria sorting approach based on data envelopment analysis for R&D project selection problem**
KARASAKAL E., Aker P.
OMEGA-INTERNATIONAL JOURNAL OF MANAGEMENT SCIENCE, vol.73, pp.79-92, 2017 (SCI-Expanded)

X. **A multi-objective genetic algorithm for a bi-objective facility location problem with partial coverage**
KARASAKAL E., Silav A.
TOP, vol.24, no.1, pp.206-232, 2016 (SCI-Expanded)

XI. **A probabilistic multiple criteria sorting approach based on distance functions**
ÇELİK B., KARASAKAL E., İYİGÜN C.

EXPERT SYSTEMS WITH APPLICATIONS, vol.42, no.7, pp.3610-3618, 2015 (SCI-Expanded)

XII. **AN INTERACTIVE PARTITIONING APPROACH FOR MULTIOBJECTIVE DECISION MAKING UNDER A GENERAL MONOTONE UTILITY FUNCTION**
KARASAKAL E., Koksalan M.
INTERNATIONAL JOURNAL OF INFORMATION TECHNOLOGY & DECISION MAKING, vol.12, no.5, pp.969-997, 2013 (SCI-Expanded)

XIII. **R&D Project Performance Evaluation With Multiple and Interdependent Criteria**
Tohumcu Z., KARASAKAL E.
IEEE TRANSACTIONS ON ENGINEERING MANAGEMENT, vol.57, no.4, pp.620-633, 2010 (SCI-Expanded)

XIV. **Generating a Representative Subset of the Nondominated Frontier in Multiple Criteria Decision Making**
KARASAKAL E., Koksalan M.
OPERATIONS RESEARCH, vol.57, no.1, pp.187-199, 2009 (SCI-Expanded)

XV. **An interactive solution approach for a bi-objective semi-desirable location problem**
KARASAKAL E., Nadirler D.
JOURNAL OF GLOBAL OPTIMIZATION, vol.42, no.2, pp.177-199, 2008 (SCI-Expanded)

XVI. **Interactive outranking approaches for multicriteria decision-making problems with imprecise information**
Oezerol G., KARASAKAL E.
JOURNAL OF THE OPERATIONAL RESEARCH SOCIETY, vol.59, no.9, pp.1253-1268, 2008 (SCI-Expanded)

XVII. **A parallel between regret theory and outranking methods for multicriteria decision making under imprecise information**
Ozerol G., KARASAKAL E.
THEORY AND DECISION, vol.65, no.1, pp.45-70, 2008 (SSCI)

XVIII. **Mixed integer programming-based solution procedure for single-facility location with maximin of rectilinear distance**
Nadirler D., KARASAKAL E.
JOURNAL OF THE OPERATIONAL RESEARCH SOCIETY, vol.59, no.4, pp.563-570, 2008 (SCI-Expanded)

XIX. **An interactive approach for multiobjective decision making**
Koksalan M., Karasakal E.
JOURNAL OF THE OPERATIONAL RESEARCH SOCIETY, vol.57, no.5, pp.532-540, 2006 (SCI-Expanded)

XX. **A maximal covering location model in the presence of partial coverage**
Karasakal O., Karasakal E.
COMPUTERS & OPERATIONS RESEARCH, vol.31, no.9, pp.1515-1526, 2004 (SCI-Expanded)

XXI. **Incorporating wealth information into a multiple criteria decision making model**
Karasakal E., Michalowski W.
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, vol.150, no.1, pp.204-219, 2003 (SCI-Expanded)

XXII. **A simulated annealing approach to bicriteria scheduling problems on a single machine**
Karasakal E., Koksalan M.
JOURNAL OF HEURISTICS, vol.6, no.3, pp.311-327, 2000 (SCI-Expanded)

Articles Published in Other Journals

I. **Personnel...assignment problem: A public institution application**
ŞİMŞEK C., Dengiz B., Karasakal E., IC Y. T.
Journal of the Turkish Operations Management (JTOM), vol.6, no.2, pp.1297-1313, 2022 (Peer-Reviewed Journal)

II. **A distance based multiple criteria sorting method without class thresholds**
KARASAKAL E., Civelek M.
Journal of Multi-Criteria Decision Analysis, vol.28, pp.134-143, 2021 (ESCI)

III. **Entegre lojistik sistemler için yeni bir onarım ağı yapısı önerisi**

Bıçakçı İ., İç Y. T., KARASAKAL E., Dengiz B.

JOURNAL OF TURKISH OPERATIONS MANAGEMENT, 2020 (Peer-Reviewed Journal)

IV. **Entegre lojistik sistemler için yeni bir onarım ağı yapısı önerisi**

Bıçakçı İ., İç Y. T., Karasakal E., Dengiz B.

Journal of Turkish Operations Management, vol.4, no.2, pp.409-423, 2020 (Peer-Reviewed Journal)

V. **An Approach for Extending Promethee to Reflect Choice Behaviour of The Decision Maker**

KARASAKAL E., KARASAKAL O., Bozkurt A.

Endüstri Mühendisliği, vol.30, no.2, pp.123-140, 2019 (Peer-Reviewed Journal)

Books & Book Chapters

I. **A Multiple Criteria Ranking Method Based on Outranking Relations: An Extension for Prospect Theory**

Karasakal E., Karasakal O., Şentürk H.

in: Multiple Criteria Decision Making with Fuzzy Sets , Babek Erdebilli,Gerhard-Wilhelm Weber, Editor, Springer, London/Berlin , London, pp.115-133, 2022

II. **Heterogeneous Sensor Data Fusion for Target Classification Using Adaptive Distance Function**

Atıcı B., Karasakal E., Karasakal O.

in: Multiple Criteria Decision Making: Beyond the Information Age, Y.I. Topcu,Ö. Özaydın,Ö. Kabak,Ş. Önsel Ekici, Editor, Springer, London/Berlin , London, pp.1-35, 2021

Refereed Congress / Symposium Publications in Proceedings

I. **Beklenti Teorisinin Baskınlık İlişkilerini Kullanan Sıralama ve Sınıflandırma Yöntemlerine Entegrasyonu: Promethee ve Flowsort Uygulamaları**

Şentürk H., Karasakal E., Karasakal O.

40th Operations Research and Industrial Engineering National Conference , Ankara, Turkey, 5 - 07 July 2021, pp.17

II. **Homojen Bir İHA Filosunun Ayrık Dikdörtgen Sahaları Gözetlemek İçin Planlanması**

Tarakçı K., Karasakal E., Karasakal O.

40th Operations Research and Industrial Engineering National Conference , Ankara, Turkey, 5 - 07 July 2021, pp.84

III. **Extending an Outranking Multiple Criteria Decision Making Method to Differentiate Gain and Loss**

Karasakal E., Şentürk H., Karasakal O.

5th International Conference on Engineering Sciences, Ankara, Turkey, 19 September 2019, pp.35

IV. **Multiple Criteria Target Classification Using Heterogeneous Sensor Data**

Karasakal O., Atıcı B., Karasakal E.

25th International Conference on Multiple Criteria Decision Making, İstanbul, Turkey, 16 June 2019, pp.145

V. **A Mathematical Programming Approach for Multiple Criteria Sorting Problems**

Civelek M., Karasakal E.

25th International Conference on Multiple Criteria Decision Making, İstanbul, Turkey, 16 June 2019, pp.144

VI. **Otomatik Hedef Sınıflandırma Sistemleri İçin Çok Kriterli Hedef Sınıflandırma**

Atıcı B., Karasakal E., Karasakal O.

39. Ulusal Yöneylem Araştırması ve Endüstri Mühendisliği Konferansı, Ankara, Turkey, 12 June 2019, pp.69

VII. **Çok Kriterli Sıralı Sınıflandırma için Matematiksel Programlama Tabanlı Bir Yöntem**

Civelek M., Karasakal E.

39. Ulusal Yöneylem Araştırması ve Endüstri Mühendisliği Konferansı, İstanbul, Turkey, 12 June 2019, pp.69

VIII. **Pompaj Depolamalı Hidroelektrik Santrallerinin Ekonomik Fizibilite Değerlendirmesi için Bir Yöntem**

Canbilen T., Karasakal E., Savaşaneril Tüfekci S., Ergen,Ergen A., Karalar İ., Oltulu A., Özüdoğru C.

38. Ulusal Yöneylem Araştırması ve Endüstri Mühendisliği Konferansı, Eskişehir, Turkey, 26 June 2018, pp.87-88

IX. **Montaj Üretim Hattı Besleme Problemi¸için Çok ¨ Amaçlı Bir Yaklaşım**

Kızılyıldırım R., Karasakal E.

38. Ulusal Yöneylem Araştırması ve Endüstri Mühendisliği Konferansı, Eskişehir, Turkey, 26 June 2018, pp.68

X.   **PROMETHEE Yöntemini Beklenti Teorisi ile Uyumlandıran Bütünleşik bir Yaklaşım**

Karasakal O., Karasakal E.

38. Ulusal Yöneylem Araştırması ve Endüstri Mühendisliği Konferansı, Eskişehir, Turkey, 26 June 2018, pp.83

XI.   **Missile Target Rescheduling Problem of a Naval Task Group**

Silav A., KARASAKAL E., Karasakal O.

28th European Conference on Operational Reserach, 3 - 06 July 2016

XII.   **Bir Deniz Görev Grubu için Satıhtan Havaya Güdümlü Mermilerin Dinamik Çizelgelemesi**

Karasakal O., KARASAKAL E., Silav A.

YA/EM 2016 Yöneylem Araştırması/Endüstri Mühendisliği 36. Ulusal Kongresi, Turkey, 13 - 15 July 2016

XIII.   **Satıhtan Havaya Güdümlü Mermi Yeniden Tahsis Problemi için Yapay Sinir Ağlarını Kullanan Çok Amaçlı bir Yaklaşım**

Silav A., KARASAKAL E., Karasakal O.

35th Operations Research and Industrial Engineering National Conference, Turkey, 8 - 10 September 2015, pp.55

XIV.   **Çok Amaçlı Havadan Gözetleme Problemi**

KARASAKAL E., Karasakal O., Maraş G.

35th Operations Research and Industrial Engineering National Conference, Turkey, 8 - 10 September 2015, pp.56

XV.   **Aralık Değerlerden Oluşan Karşılaştırma Matrislerinden Öncelik Aralıkları Belirlemek için Bir Yaklaşım**

Öztürk U., KARASAKAL E.

29th Operations Research and Industrial Engineering National Conference, Turkey, 1 - 03 June 2009

XVI.   **A Biobjective Approach based on PROMETHEE V for Project Selection Problems**

Çağlar M., KARASAKAL E.

29th Operations Research and Industrial Engineering National Conference, Turkey, 1 - 03 June 2009

XVII.   **A Genetic Algorithm for the Biobjective Traveling Salesman Problem with Profits**

Eryılmaz U., KARASAKAL E.

28th Operations Research and Industrial Engineering National Conference, Turkey, 1 - 03 July 2008

XVIII.   **AR GE Projelerinin Performansının Değerlendirilmesi için Çok Kriterli Karar Verme Yaklaşımı**

Tohumcu Z., KARASAKAL E.

SAVTEK 2008, Turkey, 2 - 04 June 2008, vol.1, pp.437-445

XIX.   **Veri Zarflama Analizi ve Baskınlık İlişkileri Metodlarını Temel Alan Hibrid Bir Sıralama Metodu**

Eryılmaz U., KARASAKAL E.

26th Operations Research and Industrial Engineering National Conference, Turkey, 3 - 05 July 2006, pp.498-501

XX.   **Project Ranking with Interdependent Criteria using Prospect Theory**

KARASAKAL E., Karasakal O., Akgün S.

35th International Conference on Computers and Industrial Engineering, 1 - 03 June 2005, vol.1, pp.1081-1084

XXI.   **Kısmi Kapsamanın Olduğu Durumda İki Amaçlı Yerleşim Problemi**

Karasakal O., KARASAKAL E.

23rd Operations Research and Industrial Engineering National Conference, Turkey, 1 - 04 July 2002, pp.13

XXII.   **TÜBİTAK TİDEB Öğrenin Yönetim Sistemi Tasarımı**

KÖKSAL G., Saatçioğlu Ö., Doğrusöz H., KARASAKAL E., ALTEKİN F. T., ALTEKİN F. T.

21th Operations Research and Industrial Engineering National Conference, Turkey, 5 - 07 June 2000, pp.386-389

XXIII.   **EUREKA için Öğrenen Yönetim Sistemi Tasarımı Learning Management System Design for EUREKA**

Saatçioğlu Ö., Doğrusöz H., KÖKSAL G., KARASAKAL E., Altekin T., ALTEKİN F. T., Arıkan C.

8th National Quality Conference Proceedings, Turkey, 1 - 03 November 1999

Scientific Refereeing

TUBITAK Project, 2218 - Yurt İçi Doktora Sonrası Araştırma Burs Programı, Sabanci University, Turkey, August 2021

SOFT COMPUTING, SCI Journal, May 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Koc University, Turkey, May 2021

SOFT COMPUTING, SCI Journal, May 2020

Multiple Criteria Decision Making: Beyond the Information Age, Chapter Scientific / Professional Book Published by Renowned Publishing Houses, March 2020

COMPUTERS & INDUSTRIAL ENGINEERING, SCI Journal, February 2020

OMEGA-INTERNATIONAL JOURNAL OF MANAGEMENT SCIENCE, SCI Journal, January 2020

ENDÜSTRİ MÜHENDİSLİĞİ, National Scientific Refreed Journal, October 2019

Multiple Criteria Decision Making Beyond the Information Age, Chapter Scientific / Professional Book Published by Renowned Publishing Houses, October 2019

Computational and Applied Mathematics, Other Indexed Journal, February 2019

Asia-Pacific Journal Of Operational Research, Journal Indexed in SCI-E, December 2018

INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS, Journal Indexed in SCI-E, November 2018

OMEGA-INTERNATIONAL JOURNAL OF MANAGEMENT SCIENCE, Journal Indexed in SSCI, November 2018

JOURNAL OF THE OPERATIONAL RESEARCH SOCIETY, Journal Indexed in SCI-E, October 2018

INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS, Journal Indexed in SCI-E, June 2018

INTERNATIONAL JOURNAL OF INDUSTRIAL ENGINEERING-THEORY APPLICATIONS AND PRACTICE, Journal Indexed in SCI-E, April 2018

EXPERT SYSTEMS WITH APPLICATIONS, Journal Indexed in SCI-E, March 2018

SCIENTOMETRICS, Journal Indexed in SSCI, February 2018

The Open Cybernetics & Systemics Journal, Other Indexed Journal, February 2018

OPERATIONAL RESEARCH, Journal Indexed in SCI-E, February 2018

JOURNAL OF SCIENCE AND ENGINEERING, Other Journals, February 2018

EURO JOURNAL ON DECISION PROCESSES, Journal Indexed in ESCI, January 2018

Tasks In Event Organizations

Karasakal E., 38. Yöneylem Araştırması Endüstri Mühendisliği Ulusal Kongresi, Scientific Congress, Eskişehir, Turkey, Haziran 2018

Metrics

Publication: 52
Citation (WoS): 391
Citation (Scopus): 514
H-Index (WoS): 10
H-Index (Scopus): 11

Non Academic Experience

METU
METU
University of Ottawa
METU