

Doç. Dr. SEREN ÖZMEHMET TAŞAN

Kişisel Bilgiler

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Uluslararası Araştırmacı ID'leri

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Publons / Web Of Science ResearcherID: CED-9096-2022

Yoksis Araştırmacı ID: 109833

Eğitim Bilgileri

Doktora, Dokuz Eylül Üniversitesi, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (Dr), Türkiye 2001 - 2007

Yüksek Lisans, Dokuz Eylül Üniversitesi, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (YI) (Tezli), Türkiye 1998 - 2001

Lisans, Dokuz Eylül Üniversitesi, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, Türkiye 1994 - 1998

Yabancı Diller

İngilizce, C1 İleri

Yaptığı Tezler

Doktora, Solving simple and mixed-model assembly line balancing problems using hybrid meta-heuristic approaches, Dokuz Eylül Üniversitesi, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (Dr), 2007

Yüksek Lisans, Integration of cell formation and analytic hierarchy process in a decision support system, Dokuz Eylül Üniversitesi, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (YI) (Tezli), 2001

Araştırma Alanları

Endüstri Mühendisliği, Üretim Planlaması ve Kontrolü, Ergonomi ve İş Güvenliği

Akademik Unvanlar / Görevler

Dr. Öğr. Üyesi, Dokuz Eylül Üniversitesi, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 2011 - Devam Ediyor
Araştırma Görevlisi, Dokuz Eylül Üniversitesi, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 1998 - 2011

Akademik İdari Deneyim

İsamer yönetim kurulu, Dokuz Eylül Üniversitesi, 2017 - 2022

Verdiği Dersler

MSc Thesis, Yüksek Lisans, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

BİTİRME PROJESİ, Lisans, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

Tedarik ve Servis Sistemleri, Lisans, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2017 - 2018

Modern Üretim Sistemleri, Lisans, 2023 - 2024, 2022 - 2023

MSc Research, Yüksek Lisans, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

Seminer, Lisans, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

Üretim Yönetimi, Lisans, 2023 - 2024

Forecasting and Time Series Analysis, Lisans, 2022 - 2023, 2021 - 2022, 2016 - 2017, 2015 - 2016

Üretim Planlama ve Kontrol, Lisans, 2022 - 2023, 2021 - 2022, 2017 - 2018, 2016 - 2017, 2015 - 2016

Üretim Yönetimi, Lisans, 2022 - 2023, 2021 - 2022, 2017 - 2018, 2016 - 2017, 2015 - 2016

Modern Üretim Sistemleri, Lisans, 2022 - 2023, 2021 - 2022

Performance Evaluation of Manufacturing Systems, Yüksek Lisans, 2022 - 2023, 2021 - 2022

PhD Research, Doktora, 2021 - 2022, 2017 - 2018, 2016 - 2017

PhD Thesis, Doktora, 2021 - 2022, 2017 - 2018

İstatistik 1, Lisans, 2017 - 2018, 2016 - 2017, 2015 - 2016

MSc Seminar, Yüksek Lisans, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

Project Management, Yüksek Lisans, 2017 - 2018, 2016 - 2017, 2015 - 2016

Forecasting and Time Series Analysis for Management, Yüksek Lisans, 2017 - 2018, 2016 - 2017

Performance Analysis of Manufacturing Systems, Yüksek Lisans, 2017 - 2018, 2016 - 2017

Statistical Management Techniques for Engineering Management, Yüksek Lisans, 2016 - 2017

İstatistik 2, Lisans, 2016 - 2017, 2015 - 2016

Business Management and Organization, Yüksek Lisans, 2015 - 2016

Yönetilen Tezler

Özmehmet Taşan S., Collaborative assembly line balancing with worker and cobot assignment, Yüksek Lisans, P.BEKDEMİR(Öğrenci), 2022

Özmehmet Taşan S., An indicator-based systematic ergonomics performance evaluation approach from sustainability perspective, Doktora, İ.SARBAT(Öğrenci), 2022

ÖZMEHMET TAŞAN S., A hybrid model for the assessment of ergonomic risk factors in logistics industry, Yüksek Lisans, Ç.LAFCI(Öğrenci), 2021

ÖZMEHMET TAŞAN S., Integrated ergonomic risk assessment in the manufacturing industry, Yüksek Lisans, M.GÖKPINAR(Öğrenci), 2019

ÖZMEHMET TAŞAN S., Application of ergonomic risk assessment approaches by using group decision analysis in service sector, Yüksek Lisans, E.GÜLER(Öğrenci), 2018

ÖZMEHMET TAŞAN S., Improving the performance of manual order picking in the warehouse: A case study, Yüksek Lisans, C.VATANSEVER(Öğrenci), 2017

ÖZMEHMET TAŞAN S., Uncertainty theory in airline industry, Yüksek Lisans, C.MURAL(Öğrenci), 2016

ÖZMEHMET TAŞAN S., Application of management engineering for disaster management in Turkey, Yüksek Lisans, Y.EMRE(Öğrenci), 2015

ÖZMEHMET TAŞAN S., Multi-criteria sustainability assessment of environmentally conscious manufacturing companies: A case study in beverage industry, Yüksek Lisans, M.KILIÇ(Öğrenci), 2014

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Measuring sustainable ergonomics: A hybrid multi-criteria perspective on ergonomics indicators**
Sarbat İ., Özmehmet Taşan S.
SUSTAINABLE DEVELOPMENT, cilt.32, sa.1, ss.1037-1068, 2024 (SSCI)
- II. **Interactive ergonomic risk mapping: a practical approach for visual management of workplace ergonomics**
FELEKOĞLU B., ÖZMEHMET TAŞAN S.
INTERNATIONAL JOURNAL OF OCCUPATIONAL SAFETY AND ERGONOMICS, cilt.28, sa.1, ss.45-61, 2022 (SSCI)
- III. **Ergonomics indicators: A proposal for sustainable process performance measurement in ergonomics**
Sarbat İ., Özmehmet Taşan S.
ERGONOMICS, cilt.65, sa.1, ss.3-38, 2022 (SCI-Expanded)
- IV. **A structural framework for sustainable processes in ergonomics**
Sarbat İ., Özmehmet Taşan S.
ERGONOMICS, cilt.63, sa.3, ss.346-366, 2020 (SCI-Expanded)
- V. **Modeling and solving assembly line design problems by considering human factors with a real-life application**
BAYKASOĞLU A., ÖZMEHMET TAŞAN S., TAŞAN A. S., DEMİRKOL AKYOL Ş.
HUMAN FACTORS AND ERGONOMICS IN MANUFACTURING & SERVICE INDUSTRIES, cilt.27, sa.2, ss.96-115, 2017 (SCI-Expanded)
- VI. **Ergonomic risk assessment for work-related musculoskeletal disorders: A systematic reactive / proactive integrated approach**
FELEKOĞLU B., ÖZMEHMET TAŞAN S.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, cilt.32, sa.3, ss.777-793, 2017 (SCI-Expanded)
- VII. **An integrated selection and scheduling for disjunctive network problems**
ÖZMEHMET TAŞAN S., Gen M.
COMPUTERS & INDUSTRIAL ENGINEERING, cilt.65, sa.1, ss.65-76, 2013 (SCI-Expanded)
- VIII. **A review of the current applications of genetic algorithms in assembly line balancing**
ÖZMEHMET TAŞAN S., Tunali S.
JOURNAL OF INTELLIGENT MANUFACTURING, cilt.19, sa.1, ss.49-69, 2008 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Otomotiv Sektöründe Bütünleşik Ergonomik Risk Değerlendirme Uygulaması**
ÖZMEHMET TAŞAN S., FELEKOĞLU B.
Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, cilt.21, sa.1, ss.378-396, 2019 (Hakemli Dergi)
- II. **Mapping Ergonomic Risks: An Application in an Electronics Manufacturer**
FELEKOĞLU B., ÖZMEHMET TAŞAN S.
Proelium, cilt.8, sa.2, ss.279-296, 2019 (Hakemli Dergi)
- III. **A Case Study of Human Resource Allocation for Effective Hotel Management**
Murakami K., ÖZMEHMET TAŞAN S., Gen M., Oyabu T.
Industrial Engineering and Management Systems, cilt.10, sa.1, ss.54-64, 2011 (ESCI)
- IV. **A decision support system for cell formation**
TUNALI S., Ozmehmet S.
International Journal of Computer Applications in Technology, cilt.17, sa.2, ss.101-109, 2003 (Scopus)

Kitap & Kitap Bölümleri

- I. **Modeling and Improvement of the Production System of a Company in the Automotive Industry with Simulation**

ÖZMEHMET TAŞAN S., Uğraş A.

Advances in Intelligent Manufacturing and Service System Informatics, Şen, Z., Uygun, Ö., Erden, C., Editör, Springer, Singapore, ss.107-117, 2023

II. Developing an Optimization Model to Determine Fleet Size of Automated Guided Vehicle

ÖZMEHMET TAŞAN S., ERDOĞAN D. E.

Science, Engineering Management and Information Technology, Mirzazadeh, A., Erdebilli, B., Babae Tirkolae, E., Weber, GW., Kar, A.K., Editör, Springer, Cham, ss.3-17, 2023

III. Disaster Management: Initiating Emergency Response for Forest Fires

ÖZMEHMET TAŞAN S., ERGENÇ Y. E.

New Global Perspectives on Industrial Engineering and Management, Mula Josefa, Barbastefano Rafael, Diaz-Madronero Manuel, Poler Raul, Editör, Springer, ss.203-2011, 2019

IV. Investigating the Impact of Process Innovation over Profitability and Productivity: A Food Sector Application

FELEKOĞLU B., ÖZMEHMET TAŞAN S.

New Global Perspectives on Industrial Engineering and Management, Mula Josefa, Barbastefano Rafael, Diaz-Madronero Manuel, Poler Raul, Editör, Springer, ss.13-20, 2019

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. Modeling and Improvement of the Production System of a Company in the Automotive Industry with Simulation

Uğraş A., Taşan S.

12th International Symposium on Intelligent Manufacturing and Service Systems, IMSS 2023, İstanbul, Türkiye, 26 - 28 Mayıs 2023, ss.107-117

II. BİR MONTAJ HATTI DENGEME PROBLEMİ İÇİN İŞÇİLERİN MOLA SÜRESİNİN HESAPLANMASI

Özmehmet Taşan S., Bekdemir P.

28. Ulusal Ergonomi Kongresi, Eskişehir, Türkiye, 14 - 16 Ekim 2022, ss.0-1

III. Developing an Optimization Model to Determine Fleet Size of Automated Guided Vehicle

Özmehmet Taşan S., Erdoğan D. E.

International Conference on Science, Engineering Management and Information Technology (SEMIT 2022), Ankara, Türkiye, 2 - 03 Şubat 2022

IV. Forecasting the innovation potential under uncertainty

Seren O. T., Burcu F.

24th International Joint Conference on Industrial Engineering and Operations Management, IJCIEOM 2018, Lisbon, Portekiz, 18 - 20 Temmuz 2018, cilt.280, ss.115-125

V. Forecasting

ÖZMEHMET TAŞAN S., FELEKOĞLU B.

XXIV IJCIEOM, 18 - 20 Temmuz 2018

VI. İş Güvenliği Bakış Açısıyla Fabrika İçi Malzeme Elleçleme Operasyonlarında Önerilen İyileştirmeler İçin Fizibilite Analizi

ÖZMEHMET TAŞAN S.

II. International Symposium on Economics, Finance and Econometrics, 6 - 07 Aralık 2018

VII. BUFFER SPACE ALLOCATION FOR FAILURE PRONE PRODUCTION LINES CONSIDERING AVERAGE PROFITABILITY RATIO

DABANLI T., ÖZMEHMET TAŞAN S., EREN AKYOL D.

I. INTERNATIONAL CONGRESS OF POLITICAL, ECONOMIC AND FINANCIAL ANALYSIS CONGRESS, 26 - 28 Nisan 2018

VIII. Developing a Framework for the Integration of Sustainability Indicators with Ergonomic Indicators

Sarbat İ., Özmehmet Taşan S.

IEA 2018 - 20th International Ergonomics Association Congress, Florence, İtalya, 26 - 30 Ağustos 2018

- IX. BUFFER DESIGN FOR FAILURE PRONE PRODUCTION LINES UNDER FINANCIAL CONSIDERATIONS**
DABANLI T., ÖZMEHMET TAŞAN S., EREN AKYOL D.
4th International Researchers, Statisticians And Young Statisticians Congress, 28 - 30 Nisan 2018
- X. Determination of Customer Preferences Using Conjoint Analysis: An Application for Car Selection**
Sarbat İ., Özmehmet Taşan S.
IRSYSC 2018 - 4th International Researchers, Statisticians And Young Statisticians Congress, İzmir, Türkiye, 28 - 30 Nisan 2018
- XI. Developing a Systematic Approach For Reactive Ergonomic Risk Assessment In Order to Help the Diagnosis Process of Work-Related Musculoskeletal Disorders**
Sarbat İ., Özmehmet Taşan S., Felekoğlu B.
CIE 47 - 47th International Conference on Computers and Industrial Engineering, Lisbon, Portekiz, 11 - 13 Ekim 2017
- XII. Sustainability Assessment Framework to Effectively Manage Architectural Projects**
ÖZMEHMET E., ÖZMEHMET TAŞAN S.
International Joint Conference (IJC2017) ICIEOM-ADINGOR-IISE-AIM-ASEM, 6 - 07 Temmuz 2017
- XIII. Investigating the Impact of Process Innovation over Profitability and Productivity: A Food Sector Application**
FELEKOĞLU B., ÖZMEHMET TAŞAN S.
International Joint Conference - ICIEOM-ADINGOR-IISE-AIM-ASEM (IJC 2017), 6 - 07 Temmuz 2017
- XIV. Awareness on ergonomics within the occupational health and safety context**
ÖZMEHMET TAŞAN S., FELEKOĞLU B.
IRSYSC 2017 - 3rd International Researchers, Statisticians and Young Statisticians Congress, 24 - 26 Mayıs 2017
- XV. Evaluating Risk Factors Caused to Work-Related Musculoskeletal Disorders**
Sarbat İ., Özmehmet Taşan S.
IRSYSC 2017 - 3rd International Researchers, Statisticians and Young Statisticians Congress, Konya, Türkiye, 24 - 26 Mayıs 2017
- XVI. Investigation of the companies' perspective on occupational health and safety culture in scope of joint health and safety agencies**
ÖZMEHMET TAŞAN S., TUNALI B.
International Conference on Advances and Innovations in Engineering (ICAIE), 10 - 12 Mayıs 2017
- XVII. Development and Implementation of Social Innovation**
FELEKOĞLU B., ÖZMEHMET TAŞAN S.
International Conference on Advances and Innovations in Engineering, 10 - 12 Mayıs 2017
- XVIII. Forecasting Domestic Airline Passenger Throughput In Uncertain Environment**
MURAL C., ÖZMEHMET TAŞAN S.
International Joint Conference - CIO-ICIEOM-IIE-AIM (IJC 2016), 13 - 15 Temmuz 2016
- XIX. Sustaining Ergonomics in Working Environment**
FELEKOĞLU B., ÖZMEHMET TAŞAN S.
8. International Conference on Safety and Health-TIOSH, 8 - 11 Mayıs 2016
- XX. Evaluating Perceptions on Executive Support in Project Management**
FELEKOĞLU B., ÖZMEHMET TAŞAN S.
Joint Conference of XXI International Conference on Industrial Engineering and Operations Management, XIX Congreso de Ingeniería de Organización, International IIE Conference 2015, 6 - 08 Temmuz 2015
- XXI. Integrated Framework for Sustainability Management in Project Environment**
ÖZMEHMET TAŞAN S.
Joint Conference of XXI International Conference on Industrial Engineering and Operations Management, XIX Congreso de Ingeniería de Organización, International IIE Conference 2015, 6 - 08 Temmuz 2015
- XXII. OTOMOBİL KABLO DEMETİ ÜRETİMİNDE ERGONOMİK RİSK FAKTÖRLERİNİ DİKKATE ALAN MONTAJ HATTI DENGELEME**
BAYKASOĞLU A., DEMİRKOL AKYOL Ş., TAŞAN A. S., ÖZMEHMET TAŞAN S., Çimen T., Özen B., Aktaş N., Tarkı G., Boz O.

19. ULUSAL ERGONOMİ KONGRESİ, Balıkesir, Türkiye, 27 - 29 Eylül 2013, ss.801-808
- XXIII. **Balancing assembly lines by considering ergonomic risk factors a preliminary case study**
BAYKASOĞLU A., DEMİRKOL AKYOL Ş., TAŞAN A. S., ÖZMEHMET TAŞAN S., Aktaş N., Özen B., Boz O., Tarki G., Çimen T.
The International IIE Conference, İstanbul, Türkiye, 26 - 28 Haziran 2013
- XXIV. **Performance Evaluation in Sustainability Conscious Manufacturing Companies by Using TOPSIS Method**
Kilic M., ÖZMEHMET TAŞAN S.
IFIP WG 5.7 International Conference on Advances in Production Management Systems (APMS), Rhodes, Yunanistan, 24 - 26 Eylül 2012, cilt.397, ss.224-231
- XXV. **Otomobil Kablo Ağlarının Üretimi için Ergonomik Faktörleri Göz Önünde Bulunduran Montaj İstasyonu Tasarımı**
BAYKASOĞLU A., ÖZMEHMET TAŞAN S., TAŞAN A. S., DEMİRKOL AKYOL Ş., Aktaş N., Özen B., Tarki G., Boz O.
18. Ulusal Ergonomi Kongresi, Gaziantep, Türkiye, 16 - 18 Kasım 2012, ss.618-623
- XXVI. **Multi-stage decision based approach for balancing bi-objective U-shaped assembly lines with alternative subassembly graphs**
Tasan S.
2nd International Conference on Pervasive Embedded Computing and Communication Systems, PECCS 2012, Rome, İtalya, 24 - 26 Şubat 2012, ss.334-342
- XXVII. **A solution of human resource allocation problem in a case of hotel management**
Murakami K., Tasan S., Gen M., Oyabu T.
40th International Conference on Computers and Industrial Engineering, CIE40 2010, Awaji, Japonya, 25 - 28 Temmuz 2010
- XXVIII. **An integrated selection and scheduling for large-sized disjunctive network problems**
ÖZMEHMET TAŞAN S., Gen M.
40th International Conference on Computers and Industrial Engineering, CIE40 2010, Awaji, Japonya, 25 - 28 Temmuz 2010
- XXIX. **Multiobjective hybrid genetic algorithms for assembly line balancing models**
ÖZMEHMET TAŞAN S.
The 40th International Conference on Computers Industrial Engineering, Awaji City, Japan, 25 - 28 Temmuz 2010
- XXX. **A priority based genetic algorithm approach for solving multiple alternative project scheduling problems with resource constraints and variable activity times**
ÖZMEHMET TAŞAN S., Gen M.
2008 IEEE International Conference on Systems, Man and Cybernetics, Singapore, Singapur, 12 - 15 Ekim 2008
- XXXI. **Improving the genetic algorithms performance in simple assembly line balancing**
Tasan S., Tunali S.
ICCSA 2006: International Conference on Computational Science and Its Applications, Glasgow, İngiltere, 8 - 11 Mayıs 2006, cilt.3984 LNCS, ss.78-87
- XXXII. **A hybrid meta-heuristic approach for solving SALBP**
Ozmehmet S., Tunali S.
35th International Conference on Computers and Industrial Engineering, ICC and IE 2005, İstanbul, Türkiye, 19 - 22 Haziran 2005, ss.1475-1480

Metrikler

Yayın: 49

Atf (WoS): 176

Atf (Scopus): 214

H-İndeks (WoS): 5

H-İndeks (Scopus): 5