

Prof. Şule İtir Satoğlu

Personal Information

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Education Information

Doctorate, İstanbul Teknik Üniversitesi, İşletme Fakültesi, Endüstri Mühendisliği Bölümü, Turkey 2002 - 2008

Post Graduate, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Mühendislik Yönetimi (YI) (Tezli), Turkey 2000 - 2002

Under Graduate, Yıldız Teknik Üniversitesi, Makine Fakültesi, Makine Mühendisliği Bölümü, Turkey 1996 - 2000

Foreign Languages

English

Research Areas

Industrial Engineering , Production Planning and Control, Modelling and Analysis of Production Systems , Supply Chain and Logistics Management, Network Design, Engineering and Technology

Academic Titles / Tasks

Professor, İstanbul Technical University, İşletme, Endüstri Mühendisliği, 2019 - Continues

Associate Professor, İstanbul Technical University, İşletme, Endüstri Mühendisliği, 2013 - 2019

Assistant Professor, İstanbul Teknik Üniversitesi, İşletme Fakültesi, Endüstri Mühendisliği Bölümü, 2009 - 2013

Lecturer PhD, İstanbul Teknik Üniversitesi, İşletme Fakültesi, Endüstri Mühendisliği Bölümü, 2008 - 2009

Research Assistant, İstanbul Teknik Üniversitesi, İşletme Fakültesi, Endüstri Mühendisliği Bölümü, 2001 - 2008

Other, State University Of New York At Buffalo, School Of Management, Operations Management And Strategy, 2004 - 2004

Professional Experience

Vice Rector, İstanbul Technical University, İşletme, Endüstri Mühendisliği, 2020 - Continues

Vice Dean, İstanbul Technical University, İşletme, Endüstri Mühendisliği, 2018 - 2020

Fakülte Yönetim Kurulu Üyesi, İstanbul Technical University, İşletme, Endüstri Mühendisliği, 2014 - 2017

Assistant Director of the Institute, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği Anabilim Dalı, 2012 - 2017

Deputy Head of Department, İstanbul Teknik Üniversitesi, İşletme Fakültesi, Endüstri Mühendisliği Bölümü, 2010 - 2012

Courses

Project Management Systems, Under Graduate, 2016 - 2017

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **A two-stage stochastic model for location planning of temporary medical centers for disaster response**
Öksüz M. K. , Satoğlu Ş. I.
INTERNATIONAL JOURNAL OF DISASTER RISK REDUCTION, vol.44, 2020 (Journal Indexed in SCI)
- **A mathematical model and artificial bee colony algorithm for the lexicographic bottleneck mixed-model assembly line balancing problem**
Kucukkoc I., Buyukozkan K., Satoğlu Ş. I. , Zhang D. Z.
Journal of Intelligent Manufacturing, vol.30, pp.2913-2925, 2019 (Journal Indexed in SCI)
- **A simulation-based methodology for the analysis of the effect of lean tools on energy efficiency: An application in power distribution industry**
Baysan S., Kabadurmus O., Çevikcan E., Satoğlu Ş. I. , Durmuşoğlu M. B.
JOURNAL OF CLEANER PRODUCTION, vol.211, pp.895-908, 2019 (Journal Indexed in SCI)
- **A goal programming model for sustainable reverse logistics operations planning and an application**
Bal A., Satoğlu Ş. I.
Journal of Cleaner Production, vol.201, pp.1081-1091, 2018 (Journal Indexed in SCI Expanded)
- **U-shaped assembly line worker assignment and balancing problem: A mathematical model and two meta-heuristics**
Öksüz M. K. , BÜYÜKÖZKAN K., Satoğlu Ş. I.
COMPUTERS & INDUSTRIAL ENGINEERING, vol.112, pp.246-263, 2017 (Journal Indexed in SCI)
- **Lexicographic bottleneck mixed-model assembly line balancing problem: Artificial bee colony and tabu search approaches with optimised parameters**
Buyukozkan K., Kucukkoc I., Satoğlu Ş. I. , Zhang D. Z.
EXPERT SYSTEMS WITH APPLICATIONS, vol.50, pp.151-166, 2016 (Journal Indexed in SCI)
- **A novel robot arm selection methodology based on axiomatic design principles**
Bahadır M. C. , Satoğlu Ş. I.
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, vol.71, pp.2043-2057, 2014 (Journal Indexed in SCI)
- **Design of a just-in-time periodic material supply system for the assembly lines and an application in electronics industry**
Satoğlu Ş. I. , SAHİN I. E.
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, vol.65, pp.319-332, 2013 (Journal Indexed in SCI)
- **System parameter selection with information axiom for the new product introduction to the hybrid manufacturing systems under dual-resource constraint**
Ertay T., Satoğlu Ş. I.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, vol.50, pp.1825-1839, 2012 (Journal Indexed in SCI)
- **Axiomatic design of hybrid manufacturing systems in erratic demand conditions**
Durmuşoğlu M. B. , Satoğlu Ş. I.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, vol.49, pp.5231-5261, 2011 (Journal Indexed in SCI)
- **A mathematical model and a heuristic approach for design of the hybrid manufacturing systems to facilitate one-piece flow**
Satoğlu Ş. I. , Durmuşoğlu M. B. , ERTAY T.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, vol.48, pp.5195-5220, 2010 (Journal Indexed in SCI)
- **A goal-programming approach for design of hybrid cellular manufacturing systems in dual resource constrained environments**
Satoğlu Ş. I. , SURESH N. C.
COMPUTERS & INDUSTRIAL ENGINEERING, vol.56, pp.560-575, 2009 (Journal Indexed in SCI)
- **Evaluation of the conversion from central storage to decentralized storages in cellular manufacturing environments using activity-based costing**
Satoglu S. I. , DURMUSOGLU M. B. , DOGAN I.
INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS, vol.103, pp.616-632, 2006 (Journal Indexed in SCI)

- **A bi-objective model for sustainable logistics and operations planning of WEEE recovery**
Kapukaya E. N. , Bal A., Satođlu Ő. I.
International Journal of Optimization and Control: Theories and Applications, vol.9, pp.89-99, 2019 (Refereed Journals of Other Institutions)
- **FABRİKA İÇİ LOJİSTİK SÜREÇLERİNİN SET YAPMA ESASLI TASARIMI VE BİR UYGULAMA**
DURMUŐOĐLU M. B. , Sol E., ÇEVİKCAN E., SATOĐLU Ő. I.
Uludađ University Journal of The Faculty of Engineering, vol.23, pp.83-98, 2018 (Other Refereed National Journals)
- **Lean Production Systems for Industry 4.0**
Satoglu S., Üstündađ A., Çevikcan E., Durmuőođlu M. B.
INDUSTRY 4.0: MANAGING THE DIGITAL TRANSFORMATION, pp.43-59, 2018 (Refereed Journals of Other Institutions)
- **Advances in Virtual Factory Research and Applications**
Bal A., Satođlu Ő. I.
INDUSTRY 4.0: MANAGING THE DIGITAL TRANSFORMATION, pp.235-249, 2018 (Refereed Journals of Other Institutions)
- **An Assignment Based Modelling Approach for the Inventory Routing Problem of Material Supply Systems of the Assembly Lines**
SATOĐLU Ő. I. , SİPAHİOĐLU A.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDİSLİK VE FEN BİLİMLERİ DERGİSİ, vol.36, pp.161-177, 2018 (Journal Indexed in ESCI)
- **Assessment of energy efficiency in lean transformation: A simulation based improvement methodology**
BAYSAN S., Çevikcan E., Satođlu Ő. I.
Green Energy and Technology, vol.129, pp.381-394, 2013 (Refereed Journals of Other Institutions)
- **A field study on measuring the lean maturity level in manufacturing firms in Turkey**
Satođlu Ő. I. , DURMUSOĐLU M. B.
Endüstri Mühendisliđi Dergisi, vol.14, pp.4-14, 2003 (Other Refereed National Journals)

Supported Projects

- Satođlu Ő. I. , Project Supported by Higher Education Institutions, Sürdürülebilir Tedarik Zinciri Yönetimi, 2016 - 2019
- Satođlu Ő. I. , Project Supported by Higher Education Institutions, Simülasyon ve Analitik Ađ Süreci ile Ara Stok Alanı Büyüklüğü Belirleme ve Proses Endüstrisinde Bir Uygulama, 2016 - 2018
- Satođlu Ő. I. , Project Supported by Higher Education Institutions, ENERJİYE DUYARLI İMALAT VE LOJİSTİK OPERASYONLARINA İLİŐKİN YALIN ÜRETİM BAKIŐ AÇISINA DAYANAN BİR LİTERATÜR TARAMASI, 2015 - 2018
- Satođlu Ő. I. , Project Supported by Higher Education Institutions, Distribütörlere Sipariő Sevkiyatı için Bütünselik Bir Metodoloji, 2014 - 2018
- Satođlu Ő. I. , Project Supported by Higher Education Institutions, Fotovoltaik Teknoloji Uygulamalarının Bir Ekonomik Fizibilite Analizi, 2012 - 2018
- Satođlu Ő. I. , Project Supported by Higher Education Institutions, Havaçılık Endüstrisinde RFID TAbanlı Bilgisayarlı bakım yönetim sistemi tasarımı, 2010 - 2018
- Satođlu Ő. I. , Project Supported by Higher Education Institutions, RFID Teknolojisi Yardımıyla Bakım Yönetimi ve Üretim Sistemlerindeki Uygulaması, 2012 - 2013

Citations

Total Citations (WOS):198

h-index (WOS):10