

Asst. Prof. CANAN AĞLAN GÖKLER

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Istanbul Technical University, İşletme Fakóltesi, Endüstri Mühendisliđi Bölümü, Turkey 2009 - 2015

Postgraduate, Istanbul Technical University, İşletme Fakóltesi, Endüstri Mühendisliđi Bölümü, Turkey 2007 - 2009

Undergraduate, Bahcesehir University, Faculty Of Engineering, Department Of Industrial Engineering, Turkey 2003 - 2007

Biography

Canan Ađlan is an assistant professor in Industrial Engineering at Marmara University. She obtained her Ph.D. in industrial engineering from Istanbul Technical University. Her research interests include hybrid manufacturing systems, hybrid production control systems, Lot splitting, in-plant logistics operations, lean new product development, lean construction techniques, leanness assessment and mathematical modeling.

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Melez üretim sisteminde CONWIP kontrolü ve parti bölmesinin birlikte modellenmesi, İstanbul Teknik Üniversitesi, İşletme Fakóltesi, Endüstri Mühendisliđi Bölümü, 2014

Postgraduate, Melez üretim kontrol stratejileri, İstanbul Teknik Üniversitesi, İşletme Fakóltesi, Endüstri Mühendisliđi Bölümü, 2009

Research Areas

Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Marmara University, Faculty of Engineering, Industrial Engineering, 2021 - Continues
Research Assistant, Marmara University, Faculty of Engineering, Industrial Engineering, 2013 - 2021
Research Assistant, Ozyegin University, Faculty Of Engineering, Department Of Industrial Engineering, 2012 - 2013
Research Assistant, Beykent University, Faculty Of Engineering-Architecture, Department Of Industrial Engineering, 2010 - 2011

Courses

Operations Research, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
Selected Topics in Industrial Engineering, Undergraduate, 2017 - 2018, 2016 - 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A leanness assessment methodology based on neutrosophic DEMATEL**
KILIÇ H. S., Yurdaer P., AĞLAN GÖKLER C.
JOURNAL OF MANUFACTURING SYSTEMS, vol.59, pp.320-344, 2021 (SCI-Expanded)
- II. **A COMPLETE DESIGN METHODOLOGY FOR LEAN IN-PLANT LOGISTICS TO ASSEMBLY LINE USING AD PRINCIPLES**
Aglan C., Durmuşoğlu M. B.
INTERNATIONAL JOURNAL OF INDUSTRIAL ENGINEERING-THEORY APPLICATIONS AND PRACTICE, vol.26, no.5, pp.766-796, 2019 (SCI-Expanded)
- III. **Modified self-adaptive local search algorithm for a biobjective permutation flow shop scheduling problem**
ALABAŞ USLU Ç., Dengiz B., Aglan C., SABUNCUOĞLU İ.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.27, no.4, pp.2730-2745, 2019 (SCI-Expanded)
- IV. **Lot-splitting approach of a hybrid manufacturing system under CONWIP production control: a mathematical model**
AĞLAN GÖKLER C., Durmuşoğlu M. B.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, vol.53, no.5, pp.1561-1583, 2015 (SCI-Expanded)

Articles Published in Other Journals

- I. **A Multi-Objective Supplier Selection and Order Allocation Model for Green Supply Chains**
TUZKAYA G., KILIÇ H. S., AĞLAN C.
Journal of Military and Information Science, 2016 (Peer-Reviewed Journal)
- II. **A Multi Objective Supplier Selection and Order Allocation Model for Green Supply Chains**
TUZKAYA G., KILIÇ H. S., AĞLAN C.
Journal of Military and Information Science, vol.4, pp.87-96, 2016 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **CONWIP and Hybrid CONWIP Production Control Systems: A Literature Review**
DURMUŞOĞLU M. B., AĞLAN C.
in: Production Management: Advanced Tools, Models, and Applications for Pull Systems, Khojasteh, Yacob, Editor, CRC Press, pp.123-142, 2017
- II. **Lean Thinking via Business Intelligence Technologies and Innovation Process**
Fırat S. Ü., Ağlan C., Şimşit Z. T., Ülkü İ., Bayram G., Erdem M.

in: Handbook of Research on Driving Competitive Advantage through Sustainable Lean and Disruptive Innovation, Latif Al-Hakim,Xiaobo Wu,Andy Koronios,Yongyi Shou, Editor, IGI Global, Arizona, pp.59-85, 2016

III. **çekme üretim kontrol sistemleri**

AĞLAN C., DURMUŞOĞLU M. B.

in: Uygulamalı üretim yönetimi el kitabı, Mehmet Bülent Durmuşoğlu, Osman Kulak, Editor, TÜSSİDE, pp.239-261, 2014

Refereed Congress / Symposium Publications in Proceedings

I. **Integration of Industry 4.0 and Lean Principles**

İZER M. U., AĞLAN C.

International Symposium for Production Research 2017, 13 - 15 September 2017

II. **Balancing Production and Shipping in Implosive Industries**

AĞLAN C., DURMUŞOĞLU M. B., İZER M. U.

International Symposium for production research, 13 - 15 September 2017

III. **Usage Of Unit Load Automated Storage And Retrieval System For Stock Area Design With System Analysis In A Firm Making Job Order Production**

İZER M. U., ŞAHİN N. P., AĞLAN C.

Uluslararası Katılımlı 16. Üretim Araştırmaları Sempozyumu, İstanbul, Turkey, 12 - 14 October 2016, pp.658-663

IV. **Usage of Unit Load Automated Storage Retrieval System for Stock Area Design with System Analysis in Firm Making Job Order Production**

İZER M. U., Şahin N. P., AĞLAN C.

ÜAS 2016, 12 - 14 October 2016

V. **A supplier selection and order allocation methodology for green supply chains**

TUZKAYA G., KILIÇ H. S., AĞLAN C.

ICOVACS 2015-International Conference on Value Chain Sustainability, 12 - 13 March 2015

VI. **Bir Yükseköğretim Kurumunda Değer Akış Haritalandırma Yöntemi ile Sürdürülebilir Süreç Tasarımı**

İzer M. U., Ağlan C., Erol Bingüler A. H., Fırat S. Ü.

ÜAS'13 - 13. Üretim Araştırmaları Sempozyumu, Sakarya, Turkey, 25 - 27 September 2013, vol.2, pp.819-828

VII. **Bir Yükseköğretim Kurumunda Değer Akış Haritalandırma Yöntemi ile Sürdürülebilir Süreç Tasarımı Üretim Araştırmaları Sempozyumu Sakarya Türkiye**

İzer M. U., Ağlan C., Erol Bingüler A. H., Fırat S. Ü.

Üretim Araştırmaları Sempozyumu, Sakarya, Turkey, 25 - 27 September 2013

VIII. **Comparison of Energy Storage Alternatives Using Fuzzy TOSIS Method**

Ak R., Ağlan C.

World Congress on Engineering (WCE 2011), London, Canada, 6 - 08 July 2011, pp.1170-1173

Scientific Refereeing

COMPUTERS & INDUSTRIAL ENGINEERING, SCI Journal, January 2020

INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, SCI Journal, November 2019

INTERNATIONAL JOURNAL OF INDUSTRIAL ENGINEERING-THEORY APPLICATIONS AND PRACTICE, SCI Journal, April 2019

INTERNATIONAL JOURNAL OF INDUSTRIAL ENGINEERING-THEORY APPLICATIONS AND PRACTICE, SCI Journal, March 2019

INTERNATIONAL JOURNAL OF INDUSTRIAL ENGINEERING-THEORY APPLICATIONS AND PRACTICE, SCI Journal, January 2019

INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, SCI Journal, July 2017

INTERNATIONAL JOURNAL OF INDUSTRIAL ENGINEERING-THEORY APPLICATIONS AND PRACTICE, SCI Journal, June

2017

INTERNATIONAL JOURNAL OF INDUSTRIAL ENGINEERING-THEORY APPLICATIONS AND PRACTICE, SCI Journal, May

2017

INTERNATIONAL JOURNAL OF INDUSTRIAL ENGINEERING-THEORY APPLICATIONS AND PRACTICE, SCI Journal, April

2017

INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, SCI Journal, September 2016

COMPUTERS & INDUSTRIAL ENGINEERING, SCI Journal, June 2016

Mobility Activity

Post Doc, Post Doc, Melbourne University, Australia, 2019 - 2020

Metrics

Publication: 18

Citation (WoS): 18

Citation (Scopus): 30

H-Index (WoS): 2

H-Index (Scopus): 2