

## Lect. PhD Hanifi Okan İŞGÜDER

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: O-5121-2019

ScopusID: 54383473900

Yoksis Researcher ID: 160642

### Education Information

Doctorate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, İstatistik (Dr), Turkey 2006 - 2013

Postgraduate, Ondokuz Mayıs University, Institute Of Science, İstatistik (YI) (Tezli), Turkey 2003 - 2006

Undergraduate, Ondokuz Mayıs University, Faculty Of Arts And Sciences, Department Of Statistics, Turkey 1999 - 2003

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, Optimization of loss probability in the GI/M/n/0 queueing model with heterogeneous servers, Dokuz Eylul University, Fen Bilimleri Enstitüsü, İstatistik (Dr), 2013

Postgraduate, Rekurrent girişli kuyruk modellerinin analizi ve uygulaması, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, İstatistik (YI) (Tezli), 2006

### Research Areas

Natural Sciences

### Academic Titles / Tasks

Lecturer, Dokuz Eylul University, Fen Fakültesi, İstatistik Bölümü, 2013 - Continues

### Academic and Administrative Experience

Adaptation/Exemption Committee Member, Dokuz Eylul University, Fen Fakültesi, İstatistik Bölümü, 2019 - Continues

## Courses

İş Dünyası İçin Excel, Undergraduate, 2022 - 2023  
Serim Yöntemleri, Undergraduate, 2022 - 2023  
Doğrusal Programlama, Undergraduate, 2022 - 2023  
Kariyer Planlama, Undergraduate, 2022 - 2023  
Karar Kuramı, Undergraduate, 2022 - 2023

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Analysis of GI/M/n/n queueing system with ordered entry and no waiting line**  
İŞGÜDER H. O., Uzunoglu-Kocer U. Z.  
APPLIED MATHEMATICAL MODELLING, vol.38, no.3, pp.1024-1032, 2014 (SCI-Expanded)

## Articles Published in Other Journals

- I. **A Hybrid Benders Decomposition Algorithm and New Models for the Distributed Permutation Flowshop Scheduling Problem**  
İŞGÜDER H. O., HAMZADAYI A.  
Avrupa Bilim ve Teknoloji Dergisi, no.23, pp.126-148, 2021 (Peer-Reviewed Journal)
- II. **GI/M/3/K Kuyruk Sisteminin Yarı-Markov Süreciyle Analizi**  
İŞGÜDER H. O.  
Pamukkale University Journal of Engineering Sciences, vol.26, no.1, pp.195-202, 2020 (ESCI)
- III. **Analysis of the GI/M/3/K queueing system by Semi-Markov process**  
İŞGÜDER H. O.  
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.26, no.1, pp.195-202, 2020 (ESCI)
- IV. **Analysis of a tandem queue with heterogeneous servers subject to catastrophes**  
İŞGÜDER H. O., Kaya C.  
Scientific Research And Essays, vol.7, no.47, pp.4076-4080, 2012 (Peer-Reviewed Journal)
- V. **Minimizing the loss probability in GI M 3 0 queueing system with ordered entry**  
İŞGÜDER H. O., ÇELİKOĞLU C. C.  
Scientific Research And Essays, vol.7, no.8, pp.963-968, 2012 (Peer-Reviewed Journal)
- VI. **Optimization of Loss Probability for GI M 3 0 Queueing System with Heterogenous Servers**  
İŞGÜDER H. O., UZUNOĞLU KOÇER U. Z.  
ANADOLU UNIVERSITY JOURNAL OF SCIENCE AND TECHNOLOGY-B Theoretical Sciences, vol.1, no.1, pp.73-89, 2010 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **NEW MATHEMATICAL FORMULATIONS FOR THE DISTRIBUTED PERMUTATION FLOWSHOP SCHEDULING PROBLEM**  
HAMZADAYI A., İŞGÜDER H. O.  
6th International Conference on Advances in Statistics, 18 October 2020
- II. **Analysis of a Recurrent Multi-Server Queue with Different Service Rules**  
İŞGÜDER H. O., UZUNOĞLU KOÇER U. Z.  
2nd International Conference on Stochastic Processes and Algebraic Structures, Vasteras, Sweden, 30 September - 02 October 2019
- III. **Markovian Queueing System with Ordered Entry**  
İŞGÜDER H. O., AVCU N.

11th International Statistics Days Conference, Muğla, Turkey, 3 - 07 October 2018

- IV. **Calculation of loss probability in the GI/M/2/K queueing model with ordered entry**  
İŞGÜDER H. O.  
4th International Researchers, Statisticians and Young Statisticians Congress, 28 - 30 April 2018
- V. **Ekonomik Özgürlük Endeksini Etkileyen Faktörlerin Gelişmiş ve Gelişmekte Olan Ekonomiler Açısından incelenmesi**  
MÜNYAS T., ÖZARSLAN SAYDAR Ö., İŞGÜDER H. O.  
Uluslararası EMİ Girişimcilik ve Sosyal Bilimler Kongresi, Lefkoşa, Cyprus (Kkctc), 27 - 29 April 2018
- VI. **Analysis of Two-Heterogeneous Server Queueing System**  
İŞGÜDER H. O., UZUNOĞLU KOÇER U. Z.  
Analytical and Computational Methods in Probability Theory and its Applications, Moskva, Russia, 23 - 27 October 2017, pp.512-516
- VII. **Analysis of a single-server queue with phase-type service and renegeing**  
UZUNOĞLU KOÇER U. Z., İŞGÜDER H. O.  
XXXIV. International Seminar on Stability Problems for Stochastic Models, Debrecen, Hungary, 25 - 29 August 2017, pp.122-123
- VIII. **Analysis of K-capacity queueing system with two-heterogeneous server**  
İŞGÜDER H. O., Uzunoglu Kocer U.  
1st International Conference Analytical and Computational Methods in Probability Theory, ACMPT 2017, Moscow, Russia, 23 - 27 October 2017, pp.23-30
- IX. **Heterojen Kanallı M M s Kuyruk Modelinin Matris Geometrik Yöntem İle Analizi**  
İŞGÜDER H. O., UZUNOĞLU KOÇER U. Z.  
YAEM 2016, Turkey, 13 - 15 July 2016
- X. **An Extension of Palm'xs Recurrence Formula**  
İŞGÜDER H. O.  
8th World Congress in Probability and Statistics, 9 - 14 July 2012
- XI. **Analyzing Multi-server Queueing Model with no Waiting Line**  
İŞGÜDER H. O., AKPINAR Ş., Elmi A., HAMZADAYI A., Köse Yelkenci S.  
25th European Conference on Operational Research, 8 - 11 July 2012
- XII. **Multi Criteria Comparison of Catering Service Companies Using Grey Relational Analysis The Case of Turkey**  
HAMZADAYI A., SİMGE Y. K., AKPINAR Ş., ELMI A., İŞGÜDER H. O.  
25th European Conference on Operational Research, 8 - 11 July 2012
- XIII. **Analyzing Multi server Queueing Model with no Waiting Line**  
İŞGÜDER H. O., AKPINAR Ş., ELMI A., HAMZADAYI A., SİMGE Y. K., SOFUOĞLU N.  
25th European Conference on Operational Research, 8 - 11 July 2012
- XIV. **A Dynamic Scheduling Approach for Solving the Single Machine Total Weighted Tardiness Problem**  
AKPINAR Ş., HAMZADAYI A., SİMGE Y. K., İŞGÜDER H. O., ELMI A.  
25th European Conference on Operational Research, 08 July 1912 - 11 July 2012
- XV. **A Hybrid Differential Evolution with Simulated Annealing Algorithm for Flow Shop Scheduling**  
Yelkenci Köse S., Elmi A., İŞGÜDER H. O., AKPINAR Ş., HAMZADAYI A.  
13th INTERNATIONAL CONFERENCE ON ECONOMETRICS, OPERATIONS RESEARCH, AND STATISTICS, 24 - 26 May 2012
- XVI. **MILP Model for the Parallel Machine Scheduling Problem with Sequence dependent Setups and a Single Server**  
ELMI A., SİMGE Y. K., İŞGÜDER H. O., AKPINAR Ş., HAMZADAYI A.  
13th International Conference on Econometrics, Operations Research and Statistics, 24 - 26 May 2012
- XVII. **Analysis of a Tandem Queue with Heterogeneous Servers Subject to Catastrophes**  
İŞGÜDER H. O., AKPINAR Ş.  
13th International Conference on Econometrics, Operations Research and Statistics, 24 - 26 May 2012
- XVIII. **Generalization of the Takacs' Formula for GI/M/n/0 Queueing System with Heterogeneous Servers**

İŞGÜDER H. O., UZUNOĞLU KOÇER U. Z., Celikoglu C. C.

World Congress on Engineering (WCE 2011), London, Canada, 6 - 08 July 2011, pp.45-47

XIX. **Sonlu Kapasiteli Heterojen Kanallı Kuyruk Modelinde Geçiş Olasılıklarının Elde Edilmesi**

İŞGÜDER H. O., ÇELİKOĞLU C. C.

7. İstatistik Günleri Sempozyumu, Ankara, Turkey, 28 - 29 June 2010

## **Metrics**

Publication: 27

Citation (WoS): 11

Citation (Scopus): 17

H-Index (WoS): 1

H-Index (Scopus): 2

## **Congress and Symposium Activities**

Ankara - İstanbul Stokastik Günleri, Audience, Ankara, Turkey, 2024