

Personal Information

Email: tugcen.hatipoglu@kocaeli.edu.tr

Web: <https://avesis.kocaeli.edu.tr/tugcen.hatipoglu>

International Researcher IDs

ORCID: 0000-0001-5760-3652

Publons / Web Of Science ResearcherID: F-5620-2018

Yoksis Researcher ID: 136411

Education Information

Doctorate, Kocaeli University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (Dr), Turkey 2011 - Continues

Postgraduate, Sakarya University, Institute Of Science, Endüstri Mühendisliği (YI) (Tezli), Turkey 2007 - 2010

Dissertations

Postgraduate, Galvaniz sektöründe bir yapay sinir ağı uygulaması, Sakarya Üniversitesi, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (YI) (Tezli), 2010

Academic Titles / Tasks

Research Assistant, Kocaeli University, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 2011 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Expert system application for prioritizing preventive actions for shift work: shift expert**
ESEN H., HATİPOĞLU T., Cihan A., FIĞLALI N.
INTERNATIONAL JOURNAL OF OCCUPATIONAL SAFETY AND ERGONOMICS, vol.25, no.1, pp.123-137, 2019 (SSCI)
- II. **Feasibility analysis of a hydraulic ram pump investment project**
HATİPOĞLU T., NAKAY İ., KÖKSAL E., FIĞLALI A.
ARABIAN JOURNAL OF GEOSCIENCES, vol.11, no.9, 2018 (SCI-Expanded)
- III. **OCCUPATIONAL SAFETY AND HEALTH IN WASTE MANAGEMENT**
ESEN H., HATİPOĞLU T.
Journal of Current Researches on Health Sector, vol.8, pp.275-284, 2018 (SCI-Expanded)
- IV. **Drilling process optimization by using fuzzy-based multi-response surface methodology**
BOYACI A. İ., HATİPOĞLU T., BALCI E.
ADVANCES IN PRODUCTION ENGINEERING & MANAGEMENT, vol.12, no.2, pp.163-172, 2017 (SCI-Expanded)
- V. **Fuzzy multi criteria decision making approach to innovative strategies based on Miles and Snow typology**
AKMAN G., Ozcan B., HATİPOĞLU T.
JOURNAL OF INTELLIGENT MANUFACTURING, vol.26, no.3, pp.609-628, 2015 (SCI-Expanded)

Articles Published in Other Journals

- I. **A SAFETY STOCK MODEL BASED ON ORDER CHANGE-TO-DELIVERY RESPONSE TIME: A CASE STUDY FOR AUTOMOTIVE INDUSTRY**
ÇOLAK M., HATİPOĞLU T., Aydın Keskin G., FIĞLALI A.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BİLİMLERİ DERGİSİ, vol.37, no.3, pp.841-853, 2019 (ESCI)
- II. **ASSESSMENT OF OCCUPATIONAL SAFETY HAZARD AND RISK: A CASE STUDY IN WASTE SECTOR**
HATİPOĞLU T., ESEN H.
Journal of Current Researches on Business and Economics, vol.8, pp.345-354, 2018 (Peer-Reviewed Journal)
- III. **Bir Otomotiv Firması İhracat Deposunda Tedarik Zinciri Performansının Arttırılmasına Yönelik RFID Sistem Fizibilitesi**
HATİPOĞLU T., SAĞLAM M. D., ATASEVER A., FIĞLALI A.
Journal of Current Researches on Business and Economics(JoCReBE), vol.7, pp.453-460, 2017 (Peer-Reviewed Journal)
- IV. **Application of Lean Production Techniques in the Manufacturing Industry**
AYDINOĞLU N., HATİPOĞLU T., ESEN H., FIĞLALI N.
International Journal of Services and Operations Management, vol.27, pp.324-344, 2017 (Scopus)
- V. **MULTI CRITERIA DECISION MAKING APPLICATIONS IN GREEN GROWTH A SYSTEMATIC LITERATURE REVIEW**
Çelik C., Boyacı A. İ., Hatipoğlu T., Çolak M.
EURASIAN BUSINESS & ECONOMICS JOURNAL, vol.2, pp.252-268, 2016 (Peer-Reviewed Journal)
- VI. **Implementation of reliability-centered FMEA in a cable cutting process**
Cömert Deveci H., ESEN H., HATİPOĞLU T., FIĞLALI N.
International Journal of Quality Engineering and Technology, 2014 (Scopus)
- VII. **Forecasting of Zinc Coating Thickness with Artificial Neural Network**
HATİPOĞLU T., BORAN S., ÖZCAN B., FIĞLALI A.
SAÜ Fen Bilimleri Enstitüsü Dergisi, vol.17, no.1, pp.60-68, 2013 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **İşgücü Çizelgeleme; Bir Havalimanı Giriş Kapısı İçin Senaryo Analizi Uygulaması**
Hatipoğlu T., Boyacı A. İ., Fiğlalı A.
in: Mühendislik Alanında Akademik Çalışmalar, Özdemir Yavuz, Editor, Duvar Yayınları, İzmir, pp.37-50, 2021
- II. **Antropometrik Veri Tabanı Güncellemesi için Oransal Ölçekleme ve Regresyon Analizinin Karşılaştırılması**
FIĞLALI A., HATİPOĞLU T., ESEN H.
in: Sosyal ve Beşeri Bilimler Araştırmaları, Nezihe TÜFEKÇİ, Editor, SRA Academic Publishing, Klaipeda, pp.87-104, 2019
- III. **BİTMİŞ ARAÇ LOJİSTİĞİNDE DAĞITIM MALİYETLERİNİN İYİLEŞTİRİLMESİ**
ESEN H., FIĞLALI A., HATİPOĞLU T.
in: Mühendislik ve Fen Bilimleri Kapsamında Güncel Akademik Çalışmalar, DEMİR Abdullah , ÖZ Ali, ERSİN Çağatay, Editor, SRA Academic Publishing, Klaipeda, pp.59-74, 2019
- IV. **Application of Process Improvement in Automotive Supply Industry**
ESEN H., HATİPOĞLU T.
in: Selected Social Sciences Research with Global and Local Approach, , Editor, SRA Academic Publishing, pp.15-25, 2018
- V. **THE APPLICATION OF 360 DEGREE PERFORMANCE EVALUATION SYSTEM AND JOB ANALYSIS IN HEALTH SECTOR**
ESEN H., HATİPOĞLU T.

in: Selected Social Sciences Research with Global and Local Approach, , Editor, SRA Academic Publishing, pp.27-34, 2018

- VI. **Görüntü İşleme Ağırlık Tespiti**
HATİPOĞLU T., ALTINALEV T., FIĞLALI A.
in: Mühendislikte Yapay Zeka ve Uygulamaları, , Editor, Sakarya Üniversitesi Kütüphanesi, 2017
- VII. **Using OWAS in Automotive Subsidiary Sector: A Case Study**
ESEN H., HATİPOĞLU T., FIĞLALI N.
in: Transactions on Engineering Technologies, , Editor, Springer, pp.249-255, 2016
- VIII. **Using OWAS in Automotive Subsidiary Sector: A Case Study**
ESEN H., HATİPOĞLU T., FIĞLALI N.
in: Transactions on Engineering Technologies, Ao Sio-Iong, Gelman Len, Yang Gi-Chul, Editor, Springer International Publishing, pp.249-255, 2016
- IX. **Using OWAS in Automotive Subsidiary Sector: A Case Study**
ESEN H., HATİPOĞLU T., FIĞLALI N.
in: Transactions on Engineering Technologies, , Editor, Springer, pp.249-255, 2016
- X. **A Fuzzy Approach for Performance Appraisal: The Evaluation of a Purchasing Specialist**
Esen H., Hatipoğlu T., Boyacı A. İ.
in: Studies in Computational Intelligence, Merelo Juan Julian, Dourado Antonio, Rosa Agostinho, Madani Kurosh, Cadenas Jose M., Filipe Joaquim, Editor, Springer International Publishing, Zürich, pp.235-250, 2016
- XI. **A Fuzzy Approach for Performance Appraisal: The Evaluation of a Purchasing Specialist**
ESEN H., HATİPOĞLU T., BOYACI A. İ.
in: Computational intelligence, , Editor, Springer International Publishing, pp.235-250, 2016
- XII. **A Fuzzy Approach for Performance Appraisal: The Evaluation of a Purchasing Specialist**
ESEN H., HATİPOĞLU T., BOYACI A. İ.
in: Computational Intelligence, Juan Julian Merelo, Agostinho Rosa, José M. Cadenas, António Dourado, Kurosh Madani, Joaquim Filipe, Editor, Springer International Publishing, pp.235-250, 2016

Refereed Congress / Symposium Publications in Proceedings

- I. **BİR İMALAT FIRMASINDA YALIN ÜRETİM ARACI OLARAK DEĞER AKIŞ HARİTALAMASI**
HATİPOĞLU T., ESEN H.
International Marmara Sciences Congress (Autumn) 2019, 1 - 03 November 2019, pp.1019-1025
- II. **A Decision Support Model To Create A Price Offer In Aircraft Maintenance Repair**
HATİPOĞLU T., FIĞLALI A.
International Marmara Sciences and Social Sciences Congress (Autumn 2019), 1 - 03 November 2019
- III. **Noise Mapping And Noise Analysis In Manufacturing Enterprises**
FIĞLALI A., HATİPOĞLU T.
International Marmara Sciences and Social Sciences Congress (Autumn 2019), 1 - 03 November 2019
- IV. **Approximating the Coverage of Randomly Deployed Source and Receiver**
KARATAŞ M., HATİPOĞLU T.
International Marmara Science and Social Sciences Congress (IMASCON 2019 Spring), Kocaeli, Turkey, 26 - 28 April 2019, vol.1, pp.1773-1778
- V. **Assessing the Country-Based Logistics Performance Index via a Data Envelopment Analysis**
HATİPOĞLU T., KARATAŞ M., FIĞLALI A.
International Marmara Science and Social Sciences Congress (IMASCON 2019 Spring), Kocaeli, Turkey, 26 - 28 April 2019, vol.1, pp.1886-1891
- VI. **SÜREÇ İYİLEŞTİRME: OTOBÜS ÜRETİMİNDE BİR UYGULAMA**
Turhan S., HATİPOĞLU T., ESEN H.
Uluslararası Marmara Fen ve Sosyal Bilimler Kongresi (BAHAR 2019), Kocaeli, Turkey, 26 - 28 April 2019, vol.2, pp.2181-2188

- VII. **Tarım Aletleri İmalat Sektöründe Süreç İyileştirme Uygulaması (Application of Process Improvement in Trailer Manufacturing Sector)**
ESEN H., HATİPOĞLU T.
9th International Conference of Strategic Research on Scientific Studies and Education, 19 - 21 October 2018, vol.181
- VIII. **Treyler Montaj Hattında Gerçekleştirilen Bir Süreç İyileştirmesi (A Process Improvement Study in the Trailer Assembly Line)**
ESEN H., HATİPOĞLU T.
9th International Conference of Strategic Research on Scientific Studies and Education, 19 - 21 October 2018, pp.189-200
- IX. **Implementing Process Improvement In Manufacturing Industry: A Case Study**
ESEN H., HATİPOĞLU T.
International Conference on Advances in Science, Engineering and Technology(ASET 18), 6 - 08 August 2018, pp.15-18
- X. **Root Cause Detection with an ensemble Machine Learning approach in Multivariate Manufacturing Process**
DEMİRCİOĞLU DİREN D., BORAN S., HATİPOĞLU T., SELVİ İ. H.
Global Joint Conference on Industrial Engineering and Its Application Areas, 21 - 22 July 2018
- XI. **Multi-objective mathematical models for sensor network coverage problems**
KARATAŞ M., HATİPOĞLU T.
4th International Researchers, Statisticians and Young Statisticians Congress (IRSYSC 2018), İzmir, Turkey, 28 - 30 April 2018
- XII. **Models for Locating Wireless Sensor Networks in the Presence of Cooperative Coverage**
KARATAŞ M., HATİPOĞLU T.
International Conference on Recent Innovations in Engineering and Technology, 29 - 30 March 2018
- XIII. **Using Simulation to Evaluate the Performance of Facility Location Models in the Presence of Backup Coverage**
KARATAŞ M., TOZAN H., HATİPOĞLU T.
2nd International Congress On Mathematics Statistics and Analytical Methods, İstanbul, Turkey, 2 - 03 March 2018, vol.1, pp.71
- XIV. **A Review of New Technological Applications on Ergonomics**
Hatipoğlu T., Boyacı A. İ., Fıçlalı N.
4th International Conference on Computational and Experimental Science and Engineering, Antalya, Turkey, 4 - 08 October 2017
- XV. **A Novel Index for the Model Based Performance Analysis of Domestic Service in Cargo Delivery Companies**
HATİPOĞLU T., ERKAL SÖNMEZ Ö.
4th International Conference on Computational and Experimental Science and Engineering, 4 - 08 October 2017
- XVI. **The Application of 5S in a Healthcare Production Company**
HATİPOĞLU T., FIĞLALI A.
4th International Conference on Computational and Experimental Science and Engineering, 4 - 08 October 2017
- XVII. **Feasibility Analysis of a Water Ram Investment Project**
HATİPOĞLU T., NAKAY İ., KÖKSAL E., FIĞLALI A.
4th International Conference on Computational and Experimental Science and Engineering, 4 - 08 October 2017
- XVIII. **Sevkiyat Öncesi Son Kontrol (Pre Delivery Inspection-Pdi) Sürecinin İyileştirilmesi**
Kababiyik S., Horoz Y., Hatipoğlu T., Esen H., Boyacı A. İ., Fıçlalı A.
2nd International congress on engineering architecture and design, Kocaeli, Turkey, 12 - 13 May 2017, pp.571-572
- XIX. **The Application of 360 Degree Performance Appraisal System in Forest Products Sector**
ESEN H., HATİPOĞLU T., FIĞLALI N.
3rd INTERNATIONAL CONFERENCE ON COMPUTATIONAL AND EXPERIMENTAL SCIENCE AND ENGINEERING, 19 - 24 October 2016

- XX. **The Application of 360 Degree Performance Appraisal System in Forest Product Sector**
ESEN H., HATİPOĞLU T., FIĞLALI N.
3rd International Conference on Computational and Experimental Science and Engineering, 19 - 24 October 2016, pp.702
- XXI. **Application of Value Stream Mapping in Automotive Subsidiary Industry**
HATİPOĞLU T., ESEN H., FIĞLALI N.
3rd International Conference on Computational and Experimental Science and Engineering, 19 - 24 October 2016, pp.366
- XXII. **Minimizing energy cost under TOU tariff by scheduling jobs**
TACETTİN M., TERZİ Ü., ALKAN A., HATİPOĞLU T., FIĞLALI A.
5th World Production and Operations Management Conference, 6 - 10 September 2016
- XXIII. **Analysis and improvement of work postures in assembly line of automotive subsidiary industry**
ESEN H., HATİPOĞLU T., FIĞLALI N., Karaaslan A.
5th World Production and Operations Management Conference POM Havana 2016, 6 - 10 September 2016
- XXIV. **Analysis and Improvement of Work postures in Assembly Line of Automoyive Subsidiary Industry**
ESEN H., HATİPOĞLU T., FIĞLALI N., KARAASLAN A.
5th World Conference on Production and Operations Management, 6 - 10 September 2016
- XXV. **A Fuzzy Approach for Performance Appraisal: The Evaluation of a Purchasing Specialist**
ESEN H., HATİPOĞLU T., BOYACI A. İ.
6th International Joint Conference on Computational Intelligence (IJCCI), Rome, Italy, 22 - 24 October 2014, vol.620, pp.235-250
- XXVI. **Using Owas in Automotive Subsidiary Sector: A Case Study**
ESEN H., HATİPOĞLU T., FIĞLALI N.
World Congress on Engineering (WCE), London, Canada, 1 - 03 July 2015, pp.249-255
- XXVII. **A Fuzzy Logic Approach in Optimization of Multi Response Surface in Machining Process**
BOYACI A. İ., HATİPOĞLU T., BALCI E.
The 4th International Fuzzy Systems Symposium, 5 - 06 November 2015, pp.332-339
- XXVIII. **Analysis Of Working Postures In Tire Production Sector By Owas Method Proceedings of the World Congress on Engineering 2015 726 730 2015**
ESEN H., FIĞLALI N., HATİPOĞLU T.
World Congress on Engineering, 2015, 1 - 03 July 2015, vol.2, pp.726-730
- XXIX. **Analysis of Working Postures in Tire Production Sector by OWAS Method**
ESEN H., HATİPOĞLU T., FIĞLALI N.
World Congress on Engineering (WCE 2015), London, Canada, 1 - 03 July 2015, pp.726-730
- XXX. **A Performance Evaluation Model of a Job Title using Fuzzy Approach**
Esen H., Hatipoğlu T., Boyacı A. İ.
Sixth International Conference on Fuzzy Computation Theory and Applications, Rome, Italy, 22 - 24 October 2014, pp.53-60
- XXXI. **Supplier Selection Using Fuzzy Linear Programming Technique for Multidimensional Analysis of Preference (LINMAP)**
BOYACI A. İ., HATİPOĞLU T., ESEN H.
6th International Conference on Fuzzy Computation Theory and Applications, Rome, Italy, 22 - 24 October 2014, pp.119-126
- XXXII. **Forecasting Costs Of Tire Mold With Artificial Neural Networks Approach**
HATİPOĞLU T., ESEN H., FIĞLALI N.
Joint International Symposium on the Social Impacts of Developments in Information, Manufacturing and Service Systems 2014 Istanbul, Turkey 14-16 October 2014 Volume 1 of 3 44th International Conference on Computers and Industrial Engineering 2014 (CIE'44) and 9th International Symposium on Intelligent Manufacturing and Service Systems 2014 (IMSS'14), Turkey, 14 - 16 October 2014, pp.49
- XXXIII. **Measuring Job Satisfaction of Shift Workers Based On Fuzzy Systems Approach**
HATİPOĞLU T., KOCABAŞ M., ALKAN A., CİHAN A.

International Conference Flexible Automation and Intelligent Manufacturing (FAIM) 2013, 30 May - 01 June 2013

XXXIV. **Evaluation of the impact of total quality management on employees in automotive sector**

KOCABAŞ M., HATİPOĞLU T., KÖKSAL B.

14. Uluslararası Ekonometri, Yöneylem Araştırması ve İstatistik Sempozyumu -(EYİ), 24 - 26 May 2013

Metrics

Publication: 68

Citation (WoS): 51

Citation (Scopus): 62

H-Index (WoS): 4

H-Index (Scopus): 5

Non Academic Experience

Kocaeli Üniversitesi

Sakarya Üniversitesi