

Res. Asst. GÜLHAN TOĞA

Personal Information

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Address: Erciyes Üniversitesi, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 38039, Melikgazi, Türkiye

Education Information

Doctorate, Erciyes University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği Ana Bilim Dalı, Turkey 2018 - 2022

Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği Ana Bilim Dalı, Turkey 2009 - 2012

Undergraduate, Gaziantep University, Faculty Of Engineering, Endüstri Mühendisliği Bölümü, Turkey 2003 - 2008

Foreign Languages

English, C1 Advanced

Dissertations

Postgraduate, Koroner arter hastalarında stent implantasyonu sonrası ölümlerin Yapay Sinir Ağları ile tahminlemesi, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği Ana Bilim Dalı, 2011

Research Areas

Industrial Engineering , Technology and Inovation Management, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Erciyes University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2009 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Single Batch Processing Machine Scheduling with Sequence-Dependent Setup Times and Multi-Material Parts in Additive Manufacturing**
Toksarı M. D. , Toğa G.
CIRP JOURNAL OF MANUFACTURING SCIENCE AND TECHNOLOGY, vol.37, pp.302-311, 2022 (Peer-Reviewed Journal)
- II. **COVID-19 prevalence forecasting using Autoregressive Integrated Moving Average (ARIMA) and Artificial Neural Networks (ANN): Case of Turkey**
TOĞA G., ATALAY B., TOKSARI M. D.
JOURNAL OF INFECTION AND PUBLIC HEALTH, vol.14, no.7, pp.811-816, 2021 (Peer-Reviewed Journal)
- III. **Rheological analysis for detection of extra virgin olive oil adulteration with vegetable oils:**

predicting oil type by artificial neural network

Dursun Çapar T., Kavuncuoğlu H., Yalçın H., Toğa G.

Quality Assurance And Safety Of Crops & Foods, vol.11, pp.687-699, 2019 (Peer-Reviewed Journal)

Articles Published in Other Journals

I. Diffusion and Substitution Effect on Telecommunication Technologies in TURKEY

Toğa M., Toğa G.

Academic Platform-Journal of Engineering and Science, vol.7, no.3, pp.496-506, 2019 (Peer-Reviewed Journal)

Books & Book Chapters

I. Reducing Mirror Slippage of Nightstand with Plackett-Burman DOE and ANN Techniques

ZEYDAN M., PALA G.

in: Total Quality Management and Six Sigma, Aized T., Editor, Intech, Rijeka, pp.101-114, 2012

Refereed Congress / Symposium Publications in Proceedings

I. Usage of the Facial Action Coding System to predict customer gender profile: A neuro marketing application in TURKEY

Gürbüz F., Toğa G.

2nd International Symposium on Multidisciplinary Studies and Innovative Technologies, Ankara, Turkey, 19 - 21 October 2018

II. Türkiye'deki Sabit-Mobil İkame Etkisi Üzerine Bir Araştırma

TOĞA M., TOĞA G.

UMTEB III-Uluslararası Mesleki ve Teknik Bilimler Kongresi, Gaziantep, Turkey, 21 - 23 June 2018, pp.378

III. Mobil İletişim Teknolojilerinin Türkiye'de Yayılımı ve Rekabeti

TOĞA M., TOĞA G.

UMTEB III-Uluslararası Mesleki ve Teknik Bilimler Kongresi, Gaziantep, Turkey, 21 - 23 June 2018, pp.379

IV. Usage of artificial neural network as a tool of technology diffusion modelling

Toğa G., Gürbüz F.

ICENS-4. International Conference on Engineering and Natural Science, Kyiv, Ukraine, 2 - 06 May 2018, pp.1231

V. A Neuromarketing Application in TURKEY

GÜRBÜZ F., Akdal Ş., TOĞA G., Gültepe M.

ICENS-4. International Conference on Engineering and Natural Science, Kiev, Ukraine, 2 - 06 May 2018, pp.1232

VI. Reverse Logistic Network Design for Recycling of Solid Wastes

GÜRBÜZ F., Ertem A., Eren Y. E., TOĞA G.

ICENS-4. International Conference on Engineering and Natural Science, Kiev, Ukraine, 2 - 06 May 2018, pp.1233

VII. Effects of new payment regulations on mobile phone diffusion in TURKEY

Dereli T., Toğa G., Durmuşoğlu A.

44th International Conference on Computers and Industrial Engineering and 9th International Symposium on Intelligent Manufacturing and Service Systems, İstanbul, Turkey, 14 - 16 October 2014, pp.1883-1893

VIII. On the bridges between two disciplines: Technology management-industrial engineering

Dereli T., TOĞA G., Durmusoglu A.

PICMET 2014, Kanazawa, Japan, 27 - 31 August 2014, pp.1515-1522

IX. An emerging trend in Industrial Engineering: Technology Management publications

Dereli T., Toğa G., Durmuşoğlu A.

YAEM 2014, Bursa, Turkey, 25 - 27 June 2014, pp.117

- X. **Veri Madenciliği Teknikleri İle Stent İmplantasyonu Sonrası Ölümün Tahmin Edilmesi**
PALA G., ZEYDAN M.
YAEM 2012, İstanbul, Turkey, 1 - 04 June 2012, pp.127
- XI. **Reducing Variation of Dyeing Process in Textile Manufacturing Industry**
Zeydan M., Pala G.
International Conference on Industrial and Information Engineering, Venice, Italy, 1 - 04 November 2011, pp.1626-1634

Supported Projects

KALAY N., PALA G., İNANÇ M. T. , Project Supported by Higher Education Institutions, Koroner Arter hastalığında kardiyak olayların öngörülmesinde rolü olan yeni biyokimyasal parametrelerin yapay sinir ağları ile belirlenmesi, 2011 - 2014

ZEYDAN M., PALA G., Project Supported by Higher Education Institutions, Halı Üretiminde Boya Renk Farklılığı Değişkenliğinin Deney Tasarımı ile Azaltılması, 2010 - 2012

Memberships / Tasks in Scientific Organizations

PICMET, Member, 2014 - Continues

Metrics

Publication: 17
Citation (WoS): 13
Citation (Scopus): 12
H-Index (WoS): 2
H-Index (Scopus): 1

Edit Congress and Symposium Activities

UMTEB III- Uluslararası Mesleki ve Teknik Bilimler Kongresi, Attendee, Gaziantep, Turkey, 2018
ICENS-4th International Conference on Engineering and Natural Sciences, Attendee, Kyiv, Ukraine, 2018
IMSS 14 and CIE 44, Attendee, İstanbul, Turkey, 2014
PICMET 2014, Attendee, Kanazawa, Japan, 2014
YAEM 2014, Attendee, Bursa, Turkey, 2014
YAEM 2012, Attendee, İstanbul, Turkey, 2012
ICIIE 2011 : International Conference on Industrial and Information Engineering, Venice-Italy, 2011, Attendee, Italy, 2011