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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAM-5407-2021

ScopusID: 57214605628

Yoksis Researcher ID: 173607

Education Information

Doctorate, Marmara University, Faculty of Engineering, Industrial Engineering, Turkey 2011 - 2015

Postgraduate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Elektrik Eğitimi (YI) (Tezli), Turkey 2000 - 2003

Undergraduate, Marmara University, Faculty of Technical Education, Electric Education, Turkey 1996 - 2000

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Measuring the competency of small and medium enterprises (SME): A dynamic model, Marmara Üniversitesi, Faculty of Engineering, Industrial Engineering, 2015

Postgraduate, Yakıt pillerinin teknik ve ekonomik açıdan incelenmesi ve uygulama örnekleri, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, 2003

Research Areas

Industrial Engineering, Project Management, Technology and Innovation Management, Multi Criteria Decision Making

Academic Titles / Tasks

Assistant Professor, Marmara University, Faculty of Engineering, Industrial Engineering, 2022 - Continues

Research Assistant PhD, Marmara University, Faculty of Engineering, Industrial Engineering, 2015 - 2022

Courses

Advanced Programming, Undergraduate, 2020 - 2021
ERP Tools, Techniques and Applications, Undergraduate, 2017 - 2018
Engineering Project II / Bitirme Projesi II, Undergraduate, 2016 - 2017
Engineering Project I / Bitirme Projesi I, Undergraduate, 2016 - 2017

Advising Theses

Bulkan S., Özel S., Water and Wastewater Minimization In Industrial Processes Through Mathematical Programming, Doctorate, T.Budak(Student), Continues
Öztemel E., Özel S., Defining technological readiness levels for enterprises, Postgraduate, S.YAMAN(Student), 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A conceptual model for measuring the competency level of Small and Medium-sized Enterprises (SMEs)**
ÖZTEMEL E., ÖZEL S.
ADVANCES IN PRODUCTION ENGINEERING & MANAGEMENT, vol.16, no.1, pp.47-66, 2021 (SCI-Expanded)
- II. **Water and energy minimization in industrial processes through mathematical programming: A literature review**
Duhbaci T. B., ÖZEL S., BULKAN S.
JOURNAL OF CLEANER PRODUCTION, vol.284, 2021 (SCI-Expanded)
- III. **A Comparative Analysis of Renewable Energy Use and Policies: Global and Turkish Perspectives**
Akan M. Ö., Selam A. A., Fırat S. Ü., Kara M., Özel S.
SUSTAINABILITY, vol.7, pp.16379-16407, 2015 (SCI-Expanded)

Articles Published in Other Journals

- I. **PREDICTION OF HEAT TRANSFER COEFFICIENT OF CO₂ IN FLOW BOILING REGIME USING MULTIPLE REGRESSION METHOD**
korkmaz a., ÖZEL S., ÖZDEMİR M. R.
İstanbul Ticaret Üniversitesi Fen Bilimleri Dergisi, vol.22, no.43, pp.179-193, 2023 (Peer-Reviewed Journal)
- II. **Endüstriyel Dönüşüm Sürecinde AHP Yöntemi ile Performans Kriterlerinin Belirlenmesi**
Öztemel E., Özel S., Gürsev S.
Balkan Sosyal Bilimler Dergisi, vol.8, no.16, pp.105-117, 2019 (Peer-Reviewed Journal)
- III. **KOBİ Yetkinlik Değerlendirmede Yapay Zeka**
Özel S.
Mimar ve Mühendis, no.106, pp.78-81, 2019 (Non Peer-Reviewed Journal)
- IV. **Technological competency assessment**
ÖZTEMEL E., ÖZEL S.
INTERNATIONAL JOURNAL OF SERVICES TECHNOLOGY AND MANAGEMENT, vol.25, no.2, pp.138-159, 2019 (ESCI)
- V. **İşletmelerde Teknoloji Yönetimi ve Yetkinlik Bazlı Değerlendirme**
Özel S., Öztemel E.
Yönetim Bilimleri Dergisi, vol.16, no.31, pp.409-425, 2018 (Peer-Reviewed Journal)
- VI. **AHP Yöntemi Kullanarak ERP Sistemlerinin Karşılaştırılması ve Uygun Sistemin Belirlenmesi**
ÖZEL S., Türkeli A.
Marmara Fen Bilimleri Dergisi, vol.30, pp.305-317, 2018 (Peer-Reviewed Journal)
- VII. **Financial Competency Assessment Model**
Öztemel E., Özel S.

Journal of Business Financial Affairs, vol.7, pp.1-7, 2018 (Peer-Reviewed Journal)

VIII. Forecasting Techniques in Fast Moving Consumer Goods Supply Chain

Vayvay Ö., Doğan Ö., Özel S.

International Journal of Information Technology and Business Management, vol.16, no.1, pp.118-128, 2013 (Peer-Reviewed Journal)

IX. Nanotechnology in Education and General Framework of Nanomanufacturing

Karatepe Mumcu Y., Özel S.

INTERNATIONAL JOURNAL of EDUCATION AND INFORMATION TECHNOLOGIES, vol.2, no.2, pp.113-120, 2008 (ESCI)

Books & Book Chapters

I. İşletmelerde Yetkinlik Değerlendirmesi

ÖZEL S.

in: Çağdaş Endüstri Mühendisliği, Ercan Öztemel, Editor, Papatya Yayıncılık, İstanbul, pp.303-334, 2019

II. Stratejik Planlama ve Süreç Yönetimi

ÖZEL S., Özhan Sezer R.

in: Çağdaş Endüstri Mühendisliği, Ercan Öztemel, Editor, Papatya Yayıncılık, İstanbul, pp.131-154, 2019

Refereed Congress / Symposium Publications in Proceedings

I. Developing an Integrated Order Tracking System for Perishable Nuclear Products

İnan D., Kambur F., AYHAN M. B., ÖZEL S.

5th International Conference on Management Studies, 24 May 2019

II. Appropriate Partner Selection Using AHP and TOPSIS Methods in ECommerce Environment

Özkurtuluş S., Esmen S., Bayrı F., AYHAN M. B., ÖZEL S.

5th International Conference on Management Studies, İstanbul, Turkey, 24 May 2019

III. Tedarik Zinciri ve Lojistik Yönetiminde Endüstri 4.0 Dönüşümü ve Etkileri

ÖZEL S., ÇELİK M. C.

International Congress of Management, Economy and Policy 2018 Autumn, 1 - 02 December 2018

IV. Sürdürülebilir Teknolojik Olgunluk İçin İşletmelerin Teknolojik Hazırlık Seviyesinin Değerlendirilmesi

ÖZTEMEL E., ÖZEL S., Yaman S.

International Congress of Management, Economy and Policy 2018 Spring, İstanbul, Turkey, 28 - 29 April 2018, pp.175

V. Endüstri 4.0 Uygulamalarında Performans Kriterleri Araştırması ve Hizmet Sektörü Stratejisinin Belirlenmesi

ÖZTEMEL E., ÖZEL S., Gürsev S.

International Congress of Management, Economy and Policy 2018 Spring, İstanbul, Turkey, 28 - 29 April 2018, pp.170

VI. Assessing the Effectiveness of Vocational Qualification Test Centers

ÖZTEMEL E., ÖZEL S.

First Mediterranean Natural Sciences and Engineering Congress (MENSEC 2017), PORTGORICA, KARADAĞ, 19 - 22 October 2017, pp.115-116

VII. Generating an assessment model for municipalities

ÖZTEMEL E., ÖZEL S.

2nd International Conference On Economics, Business Management And Social Sciences (ICEBSS 2017), Belgrade, Serbia And Montenegro, 10 - 14 May 2017, pp.129

VIII. A Descriptive Analysis of Renewable Energy Use for World Countries

Fırat S. Ü., Özel S., Er Kara M., Arıoğlu Akan M. Ö., Selam A. A.

The 16th International Conference Of The Global Academy Of Business & Economic Research, New-York, United States Of America, 7 - 08 May 2015

- IX. **Responsive Supply Chain and an Analysis on Manufacturing Industry**
BİLSEL M., ÖZEL S., VAYVAY Ö.
International Conference on Value Chain Sustainability ICOVACS, 12 - 13 March 2015
- X. **Renewable Energy Policies A Comparison of Global and Turkish Perspectives**
Arıoğlu Akan M. Ö., Selam A. A., Fırat S. Ü., Er Kara M., Özel S.
The IAFOR North American Conference on Sustainability, Energy and the Environment, Rhode-Island, United States Of America, 11 - 14 September 2014
- XI. **An Evaluation of Renewable Energy Indicators Within the Sustainability Framework**
Selam A. A., Arıoğlu Akan M. Ö., Fırat S. Ü., Özel S., Er Kara M.
The IAFOR North American Conference on Sustainability, Energy and the Environment, Rhode-Island, United States Of America, 11 - 14 September 2014
- XII. **Financial Competency Assessment and Z Score Analysis of SMEs**
ÖZEL S.
International Conference of Economics (Econworld 2014), 3 - 05 September 2014
- XIII. **Kobi Destek Değerlendirme Sistemlerinin İncelenmesi Ve Temel Kriterlerin Belirlenmesi**
ÖZEL S., ÖZTEMEL E.
Üretim Araştırmaları Sempozyumu (UAS2013), Sakarya, Turkey, 25 - 27 September 2013
- XIV. **Üretim Araştırmaları Sempozyumları Üzerine Kronolojik Bir Çalışma Bildiri Profilleri ve Trendleri**
Fırat S. Ü., Selam A. A., Kılıç H. S., Arıoğlu Akan M. Ö., Ayhan M. B., Özel S.
ÜAS'13 - 13. Üretim Araştırmaları Sempozyumu, Sakarya, Turkey, 25 - 27 September 2013, vol.2, pp.731-750
- XV. **Turkey's Position Among the OECD Countries Within the Context of Renewable Energy Utilization**
SELAM A. A., ÖZEL S., ARIOĞLU AKAN M. Ö.
XIVth International Symposium on Econometrics, Operations Research and Statistics, 24 - 28 May 2013
- XVI. **Ofis Ergonomisinde Uzman Sistem Yaklaşımı**
KILIÇ H. S., ÖZEL S.
Yöneylem Araştırması ve Endüstri Mühendisliği 32. Ulusal Kongresi, İstanbul, Turkey, 20 - 22 June 2012, pp.105
- XVII. **Forecasting Electricity Consumption of Turkey Using Time Series Methods and Neural Networks**
Erol Bingüler A. H., Özçelikkan N., Tokgöz A., Özel S., Zaim S., Demirel Ö. F.
International Conference in Mathematics 2012, Abu Dhabi, United Arab Emirates, 11 - 14 March 2012, pp.117-127
- XVIII. **Parallel Machine Scheduling with Sequence Dependent Setups Times and Start to Start Dependency using GA**
BULKAN S., Güçlü B., ÖZEL S.
12th International Symposium on Econometrics Statistics and Operations Research, Denizli, Turkey, 26 - 29 May 2011, pp.393-400
- XIX. **A Model for Magnetic Actuation of the Artificial Multicilia**
ÖZEL S., IOAN D., REBICAN M.
6th International Conference on Electrical and Electronics Engineering, Bursa, Turkey, 5 - 08 November 2009, pp.169-173
- XX. **General Framework for Nano manufacturing**
ÖZTEMEL E., ÖZEL S.
6th International Symposium on intelligent and Manufacturing Systems, Sakarya, Turkey, 14 - 17 October 2008, pp.918-927
- XXI. **Nanotechnology in Education: Nanoeducation**
Ozel S., Ozel Y.
5th IASME/WSEAS International Conference on Engineering Education, Heraklion, Greece, 22 - 24 July 2008, pp.372-373
- XXII. **Yakıt Olarak Hidrojen ve Türkiyedeki Yeri**
GÜNEY K. R. İ., ÖZEL S., KARATEPE MUMCU Y.

3. Uluslararası İleri Teknolojiler Sempozyumu, Ankara, Turkey, 18 - 20 August 2003, pp.49-57

XXIII. Yakıt Pili Teknolojisi Ekonomisi ve Uygulama Alanları

GÜNEY K. R. İ., ÖZEL S., KARATEPE MUMCU Y.

3. Uluslararası İleri Teknolojiler Sempozyumu, Ankara, Turkey, 18 - 20 August 2003, pp.252-265

Supported Projects

Öztemel E., Er M., Özel S., Kalender Z. T., Project Supported by Other Private Institutions, TUSAŞ İş Süreçlerinin Analizi ve Kurumsal Öz Değerlendirme Modelinin Geliştirilmesi Ar-Ge Projesi, 2021 - 2022

Öztemel E., Sennaroğlu B., Özel S., Kalender Z. T., Project Supported by Other Private Institutions, Doğalgaz Dağıtım İşletmeleri İçin İş Süreçlerinin Optimizasyonu ve Stratejik Hizalanmış Süreçlere Dayalı İş Yönetim Modelinin Geliştirilmesi Araştırma Projesi, 2019 - 2020

Öztemel E., Özel S., TUBITAK Project, Yerel Yönetimlerde Hizmet Etkinliğinin Ölçülmesi ve Vatandaş Algı Yönetimi Projesi (CityTrack), 2018 - 2020

Öztemel E., Özel S., Company, Mesleki Yeterlilikleri Ölçme Değerlendirme Modeli Geliştirilmesi, 2017 - 2017

Öztemel E., Özel S., Project Supported by Other Private Institutions, Yerel yönetimlerde Kurumsal Özdeğerlendirme Modelinin Geliştirilmesi ARGE çalışması, 2016 - 2017

Er Kara M., Fırat S. Ü., Arıoğlu M. Ö., Özel S., Selam A. A., Project Supported by Higher Education Institutions, VERİ MADENCİLİĞİ TEKNİKLERİ İLE TÜRKİYE NİN YENİLENEBİLİR ENERJİ KAYNAKLARI VE KULLANIMI AÇISINDAN DEĞERLENDİRİLMESİ, 2013 - 2016

Scientific Refereeing

International journal of advances in engineering and pure sciences (Online), National Scientific Refreed Journal, May 2021

Akademik Platform Mühendislik ve Fen Bilimleri Dergisi, Other Journals, January 2021

Sakarya Üniversitesi Fen Bilimleri Enstitüsü Dergisi, National Scientific Refreed Journal, January 2021

Engineering Sciences, Other Journals, July 2020

Journal of Aviation, Other Journals, July 2020

PAMUKKALE ÜNİVERSİTESİ SOSYAL BİLİMLER ENSTİTÜSÜ DERGİSİ, National Scientific Refreed Journal, June 2020

Akademik Platform Mühendislik ve Fen Bilimleri Dergisi, Other Journals, February 2020

BİLİŞİM TEKNOLOJİLERİ DERGİSİ, National Scientific Refreed Journal, January 2020

Sakarya Üniversitesi Fen Bilimleri Enstitüsü Dergisi, National Scientific Refreed Journal, April 2019

Sakarya Üniversitesi Fen Bilimleri Enstitüsü Dergisi, National Scientific Refreed Journal, November 2018

Sakarya Üniversitesi Fen Bilimleri Enstitüsü Dergisi, National Scientific Refreed Journal, August 2018

Akademik Platform Mühendislik ve Fen Bilimleri Dergisi, Other Journals, July 2018

Tasks In Event Organizations

Fırat S. Ü., ÖZEL S., 13. ÜRETİM ARAŞTIRMALARI SEMPOZYUMU, Scientific Congress, Turkey, Eylül 2013

Metrics

Publication: 38

Citation (WoS): 31

Citation (Scopus): 41

H-Index (WoS): 3

H-Index (Scopus): 3

Congress and Symposium Activities

6th International Conference on Electrical and Electronics Engineering, Attendee, Bursa, Turkey, 2009

6th International Symposium on Intelligent and Manufacturing Systems (IMS 2008), Attendee, Sakarya, Turkey, 2008

3rd International Advanced Technologies Symposium, Attendee, Ankara, Turkey, 2003

3rd International Advanced Technologies Symposium, Attendee, Ankara, Turkey, 2003

Scholarships

☐ FP6 European Project - Marie Curie Host Fellowship, European Commission, 2018 - 2019

Non Academic Experience

University, Politehnica University of Bucharest (PUB), Electrical Engineering and Computational Science

Bükreş Politeknik Üniversitesi

University, University of Cardiff, Manufacturing Engineering Center

Cardiff Üniversitesi