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International Researcher IDs

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Publons / Web Of Science ResearcherID: A-4841-2016

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Education Information

Post Doctorate, Johannes Gutenberg Universitaet Mainz, Management And Economics, Information Systems & Business Administration, Germany 2015 - 2016

Doctorate, Sakarya University, Faculty Of Engineering, Endüstri Mühendisliği, Turkey 1996 - 2000

Research Areas

Technical Sciences, Computer Sciences, Artificial Intelligence, Computer Learning and Pattern Recognition, Fuzzy Sets and Systems, Neural Networks, Industrial Engineering , Optimization Theory and Methods, Multiobjective Optimization, Production Planning and Control, Facility Location and Design, Project Management, Ergonomics and Occupational Safety, Work Measurement and Methods Engineering, Quality and Reliability, Quality Control, Supply Chain and Logistics Management, Basic Sciences, Statistics, Statistical Analysis and Applications

Academic Titles / Tasks

Professor, Erciyes University, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 2016 - Continues

Associate Professor, Erciyes University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2010 - 2016

Advising Theses

ZEYDAN M., Koroner arter hastalarında stent implantasyonu sonrası ölümlerin Yapay Sinir Ağları ile tahminlemesi, Postgraduate, G.Pala(Student), 2011

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A New Hybrid Decision Making Approach for Housing Suitability Mapping of an Urban Area**
ZEYDAN M., BOSTANCI B., ORALHAN B.
MATHEMATICAL PROBLEMS IN ENGINEERING, vol.2018, 2018 (SCI-Expanded)
- II. **Decision making for site selection using fuzzy modeling**

BOSTANCI B., ZEYDAN M., Çete M., DEMİR H., KARAAĞAÇ A.

Journal of Urban Planning and Development, vol.143, no.1, 2017 (SCI-Expanded)

- III. **Improvement of process conditions in acrylic fiber dyeing using gray-based Taguchi-neural network approach**
ZEYDAN M., Yazici D.
NEURAL COMPUTING & APPLICATIONS, vol.25, no.1, pp.155-170, 2014 (SCI-Expanded)
- IV. **Heuristic-based neural networks for stochastic dynamic lot sizing problem**
ŞENYİĞİT E., DÜĞENCİ M., Aydın M. E., ZEYDAN M.
APPLIED SOFT COMPUTING, vol.13, no.3, pp.1332-1339, 2013 (SCI-Expanded)
- V. **A combined methodology for supplier selection and performance evaluation**
ZEYDAN M., Çolpan C., Çobanoğlu C.
EXPERT SYSTEMS WITH APPLICATIONS, vol.38, no.3, pp.2741-2751, 2011 (SCI-Expanded)
- VI. **A Guide to Lean Six Sigma Management Skills**
ZEYDAN M.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, vol.48, no.14, pp.4327-4328, 2010 (SCI-Expanded)
- VII. **Predicting the Seam Strength of Notched Webbing for Parachute Assemblies Using the Taguchi's Design of Experiment and Artificial Neural Networks**
Onal L., ZEYDAN M., KORKMAZ M., Meeran S.
TEXTILE RESEARCH JOURNAL, vol.79, no.5, pp.468-478, 2009 (SCI-Expanded)
- VIII. **A new decision support system for performance measurement using combined fuzzy TOPSIS/DEA approach**
ZEYDAN M., Colpan C.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, vol.47, no.15, pp.4327-4349, 2009 (SCI-Expanded)
- IX. **Modelling the woven fabric strength using artificial neural network and Taguchi methodologies**
Zeydan M.
INTERNATIONAL JOURNAL OF CLOTHING SCIENCE AND TECHNOLOGY, vol.20, pp.104-118, 2008 (SCI-Expanded)
- X. **The Comparison of Artificial Intelligence and Traditional Approaches In FCCU Modeling**
Zeydan M.
INTERNATIONAL JOURNAL OF INDUSTRIAL ENGINEERING-THEORY APPLICATIONS AND PRACTICE, vol.15, no.1, pp.1-15, 2008 (SCI-Expanded)
- XI. **Economic order quantity with uncertain inflation: A case study**
Zeydan M., AIAHVERDI A.
INTERNATIONAL JOURNAL OF INDUSTRIAL ENGINEERING-THEORY APPLICATIONS AND PRACTICE, vol.13, no.3, pp.320-327, 2006 (SCI-Expanded)

Articles Published in Other Journals

- I. **RELIABILITY ANALYSIS OF A CIRCULAR KNITTING MACHINE**
gülbahar s., ULUSOY S. K., ZEYDAN M.
Nevşehir Hacı Bektaş Veli Üniversitesi SBE Dergisi, vol.13, no.1, pp.291-308, 2023 (Peer-Reviewed Journal)
- II. **Mekânsal Bulanık Karar Destek Sisteminin Geliştirilmesi**
Zeydan M., Bostancı B., Oralhan B., Eroğlu D., Aydımer U.
Avrupa Bilim ve Teknoloji Dergisi, vol.1, no.1, pp.418-429, 2020 (Peer-Reviewed Journal)
- III. **A rule-based decision support approach for site selection of Automated Teller Machines (ATMs)**
ZEYDAN M., Kayserili S.
INTELLIGENT DECISION TECHNOLOGIES-NETHERLANDS, vol.13, no.2, pp.161-175, 2019 (ESCI)
- IV. **Reducing Variation of Dyeing Process in Textile Manufacturing Industry**
ZEYDAN M., TOĞA G.
World Academy of Science, Engineering and Technology International Journal of Mechanical, Aerospace, Industrial, Mechatronic and Manufacturing Engineering, vol.5, no.11, pp.2279-2287, 2011 (Peer-Reviewed Journal)

- V. **BİR PETROL RAFİNERİSİ TÜPRAŞ AKIŞKAN YATAKLI KATALİTİK PARÇALAMA ÜNİTESİNİN FCCU BULANIK MODELLEME UYGULAMASI**
ZEYDAN M.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSİTESİ MUHENDİSLİK BİLİMLERİ DERGİSİ, vol.10, no.1, pp.101-110, 2004 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Kalibrasyon**
ZEYDAN M.
in: Etiketleme ve İşaretleme, , Editor, Atatürk Üniversitesi Açıköğretim Fakültesi, Erzurum, pp.1-19, 2017
- II. **CE Uygunluk İşaretinin Ürüne İliştirilmesine ve Kullanılmasına Dair Genel Esaslar**
ZEYDAN M.
in: Etiketleme ve İşaretleme, , Editor, Atatürk Üniversitesi Açıköğretim Fakültesi, Erzurum, pp.1-19, 2017
- III. **Malzeme Güvenliği Bilgi Formu ve İçeriği**
ZEYDAN M.
in: Etiketleme ve İşaretleme, , Editor, Atatürk Üniversitesi Açıköğretim Fakültesi, Erzurum, pp.1-26, 2017
- IV. **Risk Nedir**
ZEYDAN M.
in: Risk Yönetimi, zeydan, mithat, Editor, Atatürk Üniversitesi Açık Öğretim Fakültesi, Erzurum, pp.1-18, 2017
- V. **Maneviyat Eğitiminin Gençlerin Kaygı Düzeyine Etkisi**
ATAK M., ZEYDAN M.
in: Maneviyat Psikolojisi II, Mustafa Atak, Editor, Elit Kültür, İstanbul, pp.37-47, 2017
- VI. **Haccın Psikolojisi**
ATAK M., ZEYDAN M.
in: Maneviyat Psikoloji, Mustafa Atak, Editor, Türdav Elit Kültür, İstanbul, pp.101-123, 2016
- VII. **Haccın Psikolojisi**
ATAK M., ZEYDAN M., KUŞAT A., GÖCEN G., SAYGILI S., KÜÇÜK O. N., DÜZGÜNER S., UTKU A., KURALAY H., MERTER M., et al.
in: Maneviyat Psikolojisi, Mustafa ATAK, Editor, Türdav Elit Kültür, İstanbul, pp.101-124, 2016
- VIII. **Risk Nedir**
ZEYDAN M.
in: Risk Değerlendirmesi, Zeydan M., Editor, Erzurum Atatürk Üniversitesi Deneyim Açıköğretim Yayıncılık, Erzurum, pp.1-18, 2015
- IX. **Maneviyat Eğitimlerinin Gençlerin Kaygı Düzeyine Etkisi**
ATAK M., ZEYDAN M.
in: 1 Ulusal Maneviyat Psikolojisi Bildiriler Kitabı, Mustafa ATAK, Editor, Erciyes Üniversitesi Yayınları, Kayseri, pp.65-82, 2015
- X. **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
- XI. **Prediction of Fabric Tensile Strength By Modelling the Woven Fabric**
ZEYDAN M.
in: Woven Fabric Engineering, Polona Dobnik Dubrovski, Editor, Intech, Rijeka, pp.155-168, 2010
- XII. **Prediction of Fabric Tensile Strength by Modelling the Woven Fabric**
ZEYDAN M.
in: Woven Fabric Engineering, Polona Dobnik Dubrovski, Editor, SCIYO, pp.155-168, 2010

Refereed Congress / Symposium Publications in Proceedings

- I. **Bir İşletmenin Yapay Sinir Ağları (YSA) ile Kestirimci Bakım Planlaması**
ZEYDAN M., gülbahar s.
3rd International Symposium Multidisciplinary Studies and Innovative Technologies, Ankara, Turkey, 11 - 13 October 2019
- II. **İŞ SAĞLIĞI VE GÜVENLİĞİ İSG AÇISINDAN RİSK DEĞERLENDİRME METODU ÖNERİSİ VE BİR İŞLETMEDE UYGULAMASI**
ZEYDAN M., çörek e.
1. ULUSLARARASI İŞ GÜVENLİĞİ VE ÇALIŞAN SAĞLIĞI KONGRESİ, 6 - 07 May 2016
- III. **Haccın Psikolojisi Haccın Öfke Düzeyine Etkisi**
ATAK M., ZEYDAN M.
2. Ulusal maneviyat Psikolojisi sempozyumu, Turkey, 13 - 14 May 2015
- IV. **MANEVİYAT EĞİTİMİNİN GENÇLERİN KAYGI DÜZEYİNE ETKİSİ**
ATAK M., ZEYDAN M.
1. ULUSAL MANEVİYAT PSİKOLOJİSİ SEMPOZYUMU BİLDİRİLER KİTABI, Kayseri, Turkey, 13 May 2015, pp.65-80
- V. **Veri Madenciliği Teknikleri İle Stent İmplantasyonu Sonrası Ölümün Tahmin Edilmesi**
PALA G., ZEYDAN M.
YAEM 2012, İstanbul, Turkey, 1 - 04 June 2012, pp.127
- VI. **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
- VII. **A Competitive Performance Evaluation Methodology in a Manufacturing Enterprise**
ZEYDAN M., çolpan c., taylan o.
Proceedings - 2010 7th International Conference on Fuzzy Systems and Knowledge Discovery, FSKD 2010, Yantai, China, 10 August 2010, vol.6, pp.2959-2963
- VIII. **Plant layout and design through the simulation and increasing the capacity of metal workshop of a furniture factory**
GÖLEÇ A., ZEYDAN M.
Yöneylem Araştırması/Endüstri Mühendisliği - XXIV Ulusal Kongres, Gaziantep, Turkey, 16 - 18 June 2004, pp.10-20

Supported Projects

ZEYDAN M., ÇÖREK E., Project Supported by Higher Education Institutions, Risk Değerlendirmesi Konusunda Metodoloji Geliştirilmesi ve Uygulanması, 2014 - 2014

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

ZEYDAN M., Project Supported by Higher Education Institutions, HİZMET VE SANAYİ İŞLETMELERİNİN SİMULYON YOLUYLA VERİMLİLİKLERİNİN ARTTIRILMASI, 2004 - 2005

Activities in Scientific Journals

Fuzzy Optimization and Modeling Journal, Committee Member, 2018 - Continues

Metrics

Publication: 37

Citation (WoS): 276

Citation (Scopus): 45

H-Index (WoS): 6

H-Index (Scopus): 3