

Asst. Prof. TUNCAY GÜRBÜZ

Personal Information

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Education Information

Doctorate, Galatasaray Üniversitesi, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (Dr), Turkey 2006 - 2010

Post Graduate, Galatasaray Üniversitesi, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (YI) (Tezli), Turkey 2000 - 2003

Under Graduate, Galatasaray Üniversitesi, Mühendislik ve Teknoloji Fakültesi, Endüstri Mühendisliği Bölümü, Turkey 1996 - 2000

Foreign Languages

French, C1 Advanced

Dissertations

Doctorate, A multicriteria decision making approach to human resources performance evaluation, Galatasaray Üniversitesi, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (Dr), 2010

Post Graduate, Evaluation de performance pour les ressources humaines avec les techniques de decision a multicriteres, Galatasaray Üniversitesi, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (YI) (Tezli), 2003

Academic Titles / Tasks

Research Assistant, Galatasaray Üniversitesi, Mühendislik ve Teknoloji Fakültesi, Endüstri Mühendisliği Bölümü, 2000 - 2012

Professional Experience

Erasmus Coordinator, Galatasaray Üniversitesi, Mühendislik ve Teknoloji Fakültesi, Endüstri Mühendisliği Bölümü, 2016 - Continues

Advising Theses

GÜRBÜZ T., Process Development in Civil Aviation, Post Graduate, F.ÖZDEMİR(Student), 2019

GÜRBÜZ T., ALBAYRAK Y. E. , RELIABILITY ANALYSIS OF A COMPLEX SYSTEM UNDER UNCERTAINTY AND FAILURE EVENT DEPENDENCY, Doctorate, Y.KOP(Student), 2019

GÜRBÜZ T., Decision making with incomplete information on preferences, Post Graduate, A.YAZICI(Student), 2019

GÜRBÜZ T., Performans Değerlendirme için Karar Verme Yaklaşımları, Post Graduate, K.KARABECE(Student), 2019

GÜRBÜZ T., Alternating least squares model recommender systems: An application on credit card market, Post Graduate, İ.KÖRPE(Student), 2017

GÜRBÜZ T., Threat evaluation in air defense systems using analytic network process, Post Graduate, S.ÜNVER(Student), 2015

GÜRBÜZ T., Evaluation multicritere de performance des societes de logistique par la methode OCRA, Post Graduate, G.KOLETO(Student), 2014

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Human Reliability Assessment in Healthcare Operations Using Fuzzy Cognitive Maps**
Naskali Y. K. , GÜRBÜZ T., ALBAYRAK Y. E.
JOURNAL OF MULTIPLE-VALUED LOGIC AND SOFT COMPUTING, vol.32, pp.57-86, 2019 (Journal Indexed in SCI)
- II. **Target Marketing Strategy Determination for Shopping Malls Using Fuzzy ANP**
Öztayşi B., GÜRBÜZ T., Albayrak E., Kahraman C.
JOURNAL OF MULTIPLE-VALUED LOGIC AND SOFT COMPUTING, vol.27, pp.595-623, 2016 (Journal Indexed in SCI)
- III. **An engineering approach to human resources performance evaluation: Hybrid MCDM application with interactions**
GÜRBÜZ T., ALBAYRAK Y. E.
APPLIED SOFT COMPUTING, vol.21, pp.365-375, 2014 (Journal Indexed in SCI)
- IV. **Criteria Weighting and 4P's Planning in Marketing Using a Fuzzy Metric Distance and AHP Hybrid Method**
GÜRBÜZ T., ALBAYRAK Y. E. , Alaybeyoglu E.
INTERNATIONAL JOURNAL OF COMPUTATIONAL INTELLIGENCE SYSTEMS, vol.7, pp.94-104, 2014 (Journal Indexed in SCI)
- V. **A hybrid MCDM methodology for ERP selection problem with interacting criteria**
GÜRBÜZ T., ALPTEKİN S. E. , Alptekin G. I.
DECISION SUPPORT SYSTEMS, vol.54, pp.206-214, 2012 (Journal Indexed in SCI)
- VI. **Evaluating the Failure Risk Level of an Enterprise Resource Planning Project Using Analytic Network Process in Fuzzy Environment**
KOP NASKALİ Y., ULUKAN H. Z. , GÜRBÜZ T.
JOURNAL OF MULTIPLE-VALUED LOGIC AND SOFT COMPUTING, vol.17, pp.407-423, 2011 (Journal Indexed in SCI)
- VII. **A Multi-Criteria Decision Model for Architecturing Competence in Human Performance Technology**
Erensal Y. C. , GÜRBÜZ T., ALBAYRAK Y. E.
INTERNATIONAL JOURNAL OF COMPUTATIONAL INTELLIGENCE SYSTEMS, vol.3, pp.815-831, 2010 (Journal Indexed in SCI)
- VIII. **Multiple Criteria Human Performance Evaluation Using Choquet Integral**
Gurbuz T.
INTERNATIONAL JOURNAL OF COMPUTATIONAL INTELLIGENCE SYSTEMS, vol.3, pp.290-300, 2010 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Threat Evaluation In Air Defense Systems Using Analytic Network Process**
ÜNVER S., GÜRBÜZ T.
JOURNAL OF MILITARY AND STRATEGIC STUDIES, vol.19, pp.10-39, 2019 (Journal Indexed in ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Construction of Intuitionistic Fuzzy Cognitive Maps for Target Marketing Strategy Decisions**
DOĞU E., GÜRBÜZ T., ALBAYRAK Y. E.

10th Conference of the European-Society-for-Fuzzy-Logic-and-Technology (EUSFLAT) / 16th International Workshop on Intuitionistic Fuzzy Sets and Generalized Nets (IWIFSGN), Warszawa, Poland, 11 - 15 September 2017, vol.641, pp.620-630

- II. **Data Supported Decision-Making for Renewable Energy Solutions**
Cay D., Karabece K., GÜRBÜZ T.
World Congress on Engineering and Computer Science, San-Francisco, Costa Rica, 21 - 23 October 2015, pp.477-482
- III. **Threat Evaluation Using Analytic Network Process**
Unver S., GÜRBÜZ T.
15th IFAC Symposium on Information Control Problems in Manufacturing, Ottawa, Canada, 11 - 13 May 2015, vol.48, pp.8-13
- IV. **A Social Choice Function Proposal to Aggregate Preferences in a Group Decision Making Process**
Gurbuz T.
World Congress on Engineering and Computer Science, San-Francisco, Costa Rica, 23 - 25 October 2013, pp.1206-1210
- V. **CRITERIA WEIGHING AND 4P'S PLANNING IN MARKETING USING A FUZZY METRIC DISTANCE AND AHP HYBRID METHOD**
GÜRBÜZ T., ALBAYRAK Y. E. , Alaybeyoglu E.
10th International Conference on Fuzzy Logic and Intelligent Technologies in Nuclear Science (FLINS), İstanbul, Turkey, 26 - 29 August 2012, vol.7, pp.255-260
- VI. **Criteria Weighting and 4-P Planning in Marketing Using Analytic Network Process**
Alaybeyoglu E., ALBAYRAK Y. E. , GÜRBÜZ T.
International MultiConference of Engineers and Computer Scientists (IMECS 2012), Hong Kong, PEOPLES R CHINA, 14 - 16 March 2012, pp.1240-1243
- VII. **AN ANP & FUZZY INTEGRAL HYBRID MODEL FOR MULTI-CRITERIA GROUP DECISION MAKING: AN APPLICATION TO KNOWLEDGE MANAGEMENT**
GÜRBÜZ T., ALBAYRAK Y. E.
9th International FLINS Conference on Computational Intelligence: Foundations and Applications, Emei, PEOPLES R CHINA, 2 - 04 August 2010, vol.4, pp.471-477
- VIII. **FUZZY TOPSIS APPLICATION IN EVALUATING WASTE PAPER COLLECTION METHODS**
KOP NASKALÍ Y., ULUKAN H. Z. , GÜRBÜZ T.
4th International Conference on Intelligent Systems and Knowledge Engineering (ISKE 2009), Hasselt, Belgium, 27 - 28 November 2009, vol.2, pp.100-101
- IX. **MANAGING RISK FACTORS IN ECO-PRODUCT DESIGN FOR EEE**
Genevois M. E. , BERKETLİ ZAFEIRAKOPOULOS İ., GÜRBÜZ T.
2nd International Conference on Risk Analysis and Crisis Response, Beijing, China, 19 - 21 October 2009, pp.180-185
- X. **Evaluating the Failure Risk Level of An sap Project Using ANP in Fuzzy Environment**
ULUKAN H. Z. , KOP NASKALÍ Y., GÜRBÜZ T.
2nd International Conference on Risk Analysis and Crisis Response, Beijing, China, 19 - 21 October 2009, pp.205-210
- XI. **Finding the Best Flexibility Strategies by Using an Integrated Method of FAHP and QFD**
Genevois M. E. , GÜRBÜZ T.
Joint World Congress of International-Fuzzy-Systems-Association (IFSA)/European Conference of European-Society-for-Fuzzy-Logic-and-Technology (EUSFLAT), Lisbon, Portugal, 20 - 24 July 2009, pp.1126-1131
- XII. **A Fuzzy Multi-Criteria Approach to WEEE Treatment Strategy Selection**
BERKETLİ ZAFEIRAKOPOULOS İ., GÜRBÜZ T., Genevois M. E.
Joint World Congress of International-Fuzzy-Systems-Association (IFSA)/European Conference of European-Society-for-Fuzzy-Logic-and-Technology (EUSFLAT), Lisbon, Portugal, 20 - 24 July 2009, pp.1439-1443
- XIII. **An Analytic Network Process Approach To The Planning And Managing Of The Energy Politics**
GÜRBÜZ T., ALBAYRAK Y. E. , Erensal Y. C. , Ozyol M.

Supported Projects

GÜRBÜZ T., Project Supported by Higher Education Institutions, ASKERİ HAVA SAVUNMA SİSTEMLERİNDE STRATEJİK KARAR ALMA, 2015 - 2017

GÜRBÜZ T., Project Supported by Higher Education Institutions, STRATEJİK YÖNETİMDE KARAR DESTEK SİSTEMİ UYGULAMALARI, 2013 - 2014

GÜRBÜZ T., Project Supported by Higher Education Institutions, BİLGİ SİSTEMLERİ PERFORMANS DEĞERLENDİRMESİ VE BİLGİ YÖNETİMİNDE STRATEJİ SEÇİMİ, 2011 - 2013

Citations

Total Citations (WOS):106

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