

NAZLI GÖKER MUTLU

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAC-5281-2020

Yoksis Researcher ID: 223454



Learning Knowledge

Doctorate 2016 - 2021	Galatasaray University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (Dr), Turkey
Postgraduate 2014 - 2016	Galatasaray University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (YI) (Tezli), Turkey
Undergraduate 2010 - 2014	Galatasaray University, Mühendislik Ve Teknoloji Fakültesi, Endüstri Mühendisliği Bölümü, Turkey
Associate Degree 2010 - 2012	Anadolu University, Open Education Faculty, Department Of Marketing And Advertising, Turkey

Dissertations

Doctorate, VERİ ZARFLAMA ANALİZİ TEMELLİ ÇOK ÖLÇÜTLÜ KARAR VERME YAKLAŞIMINDA YENİ MODEL ÖNERİLERİ
VE UYGULAMALARI, Galatasaray University, Fen Bilimleri Enstitüsü, 2021

Postgraduate, Evaluating performance indicators of business process outsourcing using fuzzy cognitive map
methodology, Galatasaray Üniversitesi, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (YI) (Tezli), 2016

Academic Titles / Tasks

Research Assistant PhD 2014 - Continues	Galatasaray University, Mühendislik Ve Teknoloji Fakültesi, Endüstri Mühendisliği
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Supported Projects

- KARSAK E. E., GÖKER MUTLU N., UÇAR E., Project Supported by Higher Education Institutions, PERSONEL SEÇİMİ
İÇİN VERİ ZARFLAMA ANALİZİ TEMELLİ ÇOK ÖLÇÜTLÜ KARAR VERME YAKLAŞIMI, 2019 - 2022
- ALBAYRAK Y. E., GÖKER MUTLU N., Project Supported by Higher Education Institutions, YAPAY ZEKA VE BULANIK
MANTIK TEMELLİ KARAR DESTEK SİSTEMLERİNİN SEKTÖREL UYGULAMALARI, 2019 - 2020

3. DURSUN KARAHÜSEYİN M., GÖKER MUTLU N., Project Supported by Higher Education Institutions, ÇOK ÖLÇÜTLÜ KARAR VERME TEKNİKLERİNİN PERFORMANS YÖNETİMİNDE UYGULAMALARI, 2018 - 2020
4. ALBAYRAK Y. E., GÖKER MUTLU N., Project Supported by Higher Education Institutions, SAĞLIK SEKTÖRÜNDE VE SOSYAL BİLİMLERDE DİJİTAL DÖNÜŞÜM UYGULAMALARI, 2018 - 2019
5. DURSUN KARAHÜSEYİN M., GÖKER MUTLU N., Project Supported by Higher Education Institutions, TEDARİK ZİNCİRİ YÖNETİMİNDE KARAR VERME YÖNTEMLERİNİN UYGULANMASI, 2018 - 2019
6. BAŞARAN O. İ., GÖKER MUTLU N., Project Supported by Higher Education Institutions, ÜRETİM VE HİZMET SEKTÖRLERİNDE ÇEVİKLİK KAVRAMININ KARAR DESTEK SİSTEMLERİ İLE ANALİZİ, 2017 - 2019
7. KARSAK E. E., GÖKER MUTLU N., Project Supported by Higher Education Institutions, İNSANİ GELİŞMENİN ÇOK BOYUTLU DEĞERLENDİRİLMESİ İÇİN ORTAK AĞIRLIKLIL VZA TEMELLİ YAKLAŞIM, 2017 - 2019
8. ALBAYRAK Y. E., GÖKER MUTLU N., Project Supported by Higher Education Institutions, KARAR ANALİZİNDE PARAMETRİK VE PARAMETRİK OLMAYAN İSTATİSTİK TEMELLİ GENİŞLETİLMİŞ BULANIK KÜME UYGULAMALARI, 2017 - 2018
9. DURSUN KARAHÜSEYİN M., GÖKER MUTLU N., Project Supported by Higher Education Institutions, İKİLİ SÖZEL GÖSTERİM VE BULANIK VERİLERİN BİRLEŞTİRİLMESİ TABANLI GRUP KARAR VERME YAKLAŞIMLARININ FARKLI SEKTÖRLERDE UYGULAMALARI, 2016 - 2018
10. DURSUN KARAHÜSEYİN M., GÖKER MUTLU N., Project Supported by Higher Education Institutions, BULANIK KÜME TEORİSİ TABANLI ÇOK ÖLÇÜTLÜ KARAR VERME YAKLAŞIMLARININ GELİŞTİRİLMESİ VE UYGULANMASI, 2016 - 2018
11. ALBAYRAK Y. E., GÖKER MUTLU N., Project Supported by Higher Education Institutions, BULANIK BİLİŞSEL HARİTALAR YÖNTEMİNİN SENARYO ESASLI UYGULAMALARI, 2016 - 2018
12. TURHAN S. N., GÖKER MUTLU N., Project Supported by Higher Education Institutions, ANDROİD İŞLETİM SİSTEMİ ÜZERİNDE MOBİL EĞİTİM YAZILIMLARI GELİŞTİRME, 2015 - 2018
13. ŞENER Z., GÖKER MUTLU N., Project Supported by Higher Education Institutions, BELİRSİZLİK ALTINDA GRUP KARAR VERME YAKLAŞIMLARININ GELİŞTİRİLMESİ VE FARKLI SEKTÖRLERDE UYGULANMASI, 2016 - 2017
14. KARSAK E. E., GÖKER MUTLU N., Project Supported by Higher Education Institutions, PERFORMANS DEĞERLENDİRMESİNDE ORTAK AĞIRLIKLIL VERİ ZARFLAMA ANALİZİ TEMELLİ ÇOK ÖLÇÜTLÜ KARAR VERME YAKLAŞIMI, 2015 - 2017
15. BÜYÜKÖZKAN FEYZİOĞLU G., GÖKER MUTLU N., Project Supported by Higher Education Institutions, SÜRDÜRÜLEBİLİR, TEKNOLOJİ VE TEDARİK ZİNCİRİ SİSTEMLERİNİN MODELLENMESİ VE ÇOK ÖLÇÜTLÜ KARAR ANALİZİ, 2015 - 2016
16. ALBAYRAK Y. E., GÖKER MUTLU N., Project Supported by Higher Education Institutions, STRATEJİK KARAR ALMADA BİLİŞSEL YAKLAŞIM UYGULAMALARI, 2013 - 2015

Awards

1. Göker Mutlu N., Karsak E. E., An Improved Common Weight DEA-Based Methodology for Manufacturing Technology Selection, International Association Of Engineers, October 2016
2. Göker Mutlu N., Karsak E. E., An Improved Common Weight DEA-Based Decision Approach for Problems with Multiple Inputs and Multiple Outputs, International Association Of Engineers, July 2016

Published journal articles indexed by SCI, SSCI, and AHCI

1. **Business process reengineering in health-care sector: application for the central sterilization unit**
Dursun M., Findik S. S., Göker Mutlu N.
KYBERNETES, vol.51, no.2, pp.715-744, 2022 (SCI-Expanded)
2. **An Integrated QFD and Common Weight DEA-Based Fuzzy MCDM Framework for Performance Ranking of Countries**
GÖKER MUTLU N., KARSAK E. E., DURSUN M.

- SOCIAL INDICATORS RESEARCH, vol.159, no.1, pp.409-430, 2022 (SSCI)
3. **A novel integrated intuitionistic fuzzy decision aid for agile outsourcing provider selection: a COVID-19 pandemic-based scenario analysis**
GÖKER MUTLU N.
SOFT COMPUTING, vol.25, pp.13723-13740, 2021 (SCI-Expanded)
 4. **Two-stage common weight DEA-Based approach for performance evaluation with imprecise data**
GÖKER MUTLU N., KARSAK E. E.
SOCIO-ECONOMIC PLANNING SCIENCES, vol.74, 2021 (SCI-Expanded)
 5. **IMPROVED COMMON WEIGHT DEA-BASED DECISION APPROACH FOR ECONOMIC AND FINANCIAL PERFORMANCE ASSESSMENT**
Karsak E. E., Göker N.
TECHNOLOGICAL AND ECONOMIC DEVELOPMENT OF ECONOMY, vol.26, pp.430-448, 2020 (SSCI)
 6. **A novel IFCM integrated distance based hierarchical intuitionistic decision making procedure for agile supplier selection**
GÖKER N., DURSUN M., CEDOLİN M.
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.38, no.1, pp.653-662, 2020 (SCI-Expanded)
 7. **Efficiency analysis of organized industrial zones in Eastern Black Sea Region of Turkey**
DURSUN M., GÖKER N., Tulek B. D.
SOCIO-ECONOMIC PLANNING SCIENCES, vol.68, 2019 (SCI-Expanded)
 8. **A fuzzy scenario-based approach to analyzing neuromarketing technology evaluation factors**
GÖKER N., DURSUN M.
SOFT COMPUTING, vol.23, no.23, pp.12295-12304, 2019 (SCI-Expanded)
 9. **A 2-tuple integrated DEA-based approach for neuromarketing technology evaluation**
DURSUN M., GÖKER N.
KYBERNETES, vol.48, no.5, pp.949-966, 2019 (SCI-Expanded)
 10. **A fuzzy information-based approach for breast cancer risk factors assessment**
Buyukavcu A., ALBAYRAK Y. E., GÖKER N.
APPLIED SOFT COMPUTING, vol.38, pp.437-452, 2016 (SCI-Expanded)

Articles Published in Other Journals

1. **Decision-Making Method for the Evaluation of Success Factors of ABET Accreditation**
Dursun M., Goker N., ÜNAL M.
WSEAS Transactions on Business and Economics, vol.21, pp.2021-2025, 2024 (Scopus)
2. **Intuitionistic Fuzzy Multi-Criteria Decision-Making Approach for Agile Outsourcing Provider Selection in COVID-19: An Application in Turkish White Goods Industry**
Goker N.
İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.12, no.4, pp.2097-2112, 2022 (Peer-Reviewed Journal)
3. **Weighting of Performance Factors in Retail Sector**
DURSUN KARAHÜSEYİN M., GÖKER MUTLU N.
Academic Journal of International Economics and Management Research, vol.3, no.1, pp.1, 2022 (Peer-Reviewed Journal)
4. **A Comparative Analysis of Disaggregation Types in Hierarchical Production Planning**
Goker N., Dursun M.
WSEAS Transactions on Computer Research, vol.10, pp.55-61, 2022 (Scopus)
5. **Evaluation of Project Management Methodologies Success Factors Using Fuzzy Cognitive Map Method: Waterfall, Agile, And Lean Six Sigma Cases**
DURSUN KARAHÜSEYİN M., GÖKER MUTLU N., Mutlu H.
International Journal of INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING, vol.10, no.1, pp.35-43, 2022 (Scopus)

6. **A Comparative Efficiency Evaluation of OIZs Located in The Aegean Region of Turkey**
Dursun M., Göker Mutlu N.
International Journal of Economics and Management Systems , vol.6, pp.273-276, 2021 (Peer-Reviewed Journal)
7. **İkili Sözel Gösterim Tabanlı Bilişsel Haritanın Tedarik Zinciri Konfigürasyonunda Kullanım**
Dursun M., Göker Mutlu N.
Fırat Üniversitesi Müh. Bil. Dergisi, vol.33, no.1, pp.233-241, 2021 (Peer-Reviewed Journal)
8. **Evaluation of R&D Projects Using Fuzzy MCDM Method**
Kılıç M., Dursun M., Göker Mutlu N.
Engineering World, vol.2, pp.150-154, 2020 (Peer-Reviewed Journal)
9. **A Cognitive Mapping Approach for Evaluation of Success Indicators of IT Transformation Project**
Göker Mutlu N., Dursun M., Doğu E.
Engineering World, vol.2, pp.96-99, 2020 (Peer-Reviewed Journal)
10. **Fuzzy Cognitive Map Methodology For Evaluating Material Selection Criteria**
Dursun M., Göker Mutlu N.
Engineering World, no.2, pp.15-19, 2020 (Peer-Reviewed Journal)
11. **Performance Evaluation in Retail Sector**
Ateş A. E., Dursun M., Göker Mutlu N.
Engineering World, no.2, pp.34-38, 2020 (Peer-Reviewed Journal)
12. **Modelling R&D Strategy to Fulfil Customer Demands through Digital Transformation**
Çay D., Göker N., Dursun M.
WSEAS TRANSACTIONS on BUSINESS and ECONOMICS, no.16, pp.525-531, 2019 (Scopus)
13. **Evaluation of Criteria Used for Sustainable and Intelligent Transportation System Selection**
Göker Mutlu N., Dursun M., Arı E.
WSEAS TRANSACTIONS on SYSTEMS , vol.18, pp.81-84, 2019 (Peer-Reviewed Journal)
14. **An Integrated Decision Aid Framework for Fuel Provider Selection: A Case Study in Food Industry**
Göker Mutlu N., Dursun M.
WSEAS TRANSACTIONS on SYSTEMS, vol.18, pp.229-234, 2019 (Peer-Reviewed Journal)

Books & Book Chapters

1. **Agile Supplier Evaluation Using a Fuzzy Decision Making Procedure Based on Fuzzy Measure and Fuzzy Integral**
Göker N., Dursun M., Albayrak Y. E.
in: Advances in Intelligent Systems and Computing, Kahraman C.,Cebi S.,Cevik Onar S.,Oztaysi B.,Tolga A.,Sari I, Editor, Springer, London/Berlin , İstanbul, pp.457-463, 2019
2. **An Intuitionistic Fuzzy Cognitive Map Approach to Evaluate Success Factors of Lean Six Sigma Project Management Methodology**
Dursun M., Göker N., Mutlu H.
in: Advances in Intelligent Systems and Computing , Kahraman C.,Cebi S.,Cevik Onar S.,Oztaysi B.,Tolga A.,Sari I, Editor, Springer, London/Berlin , İstanbul, pp.1138-1143, 2019

Refereed Congress / Symposium Publications in Proceedings

1. **AN INTEGRATED DECISION MAKING METHODOLOGY FOR THE EVALUATION OF DIGITAL MARKETING TOOLS**
Coşgun İ. E., DURSUN KARAHÜSEYİN M., GÖKER MUTLU N.
International Conference on Advances in Science Engineering and Business Management, Paris, France, 6 - 07 October 2024, pp.45-47
2. **Performance Evaluation of Higher Education Institutions Employing Analytical Techniques**

Goker N., Dursun M.

Intelligent and Fuzzy Systems - Intelligence and Sustainable Future Proceedings of the INFUS 2023 Conference, İstanbul, Turkey, 22 - 24 August 2023, vol.759 LNNS, pp.751-757

3. **Comparison of E-commerce Business Models in Terms of Customer Satisfaction**
Tekin B. B., Dursun Karahüseyin M., Göker Mutlu N.
VIAC 2022, Budapest, Hungary, 11 November 2022
4. **DEMATEL Technique for Agile Outsourcing Provider Evaluation in Information Technologies**
Göker Mutlu N., Dursun Karahüseyin M.
VIAC 2022, Budapest, Hungary, 11 November 2022
5. **Criteria Evaluation of Agile Outsourcing Provider Selection Problem: An Intuitionistic Fuzzy Mapping Approach**
Göker Mutlu N., Dursun Karahüseyin M.
International Conferences on Science and Technology Engineering Sciences and Technology, Budva, Montenegro, 7 - 09 September 2022, pp.128-133
6. **Prioritization of Success Factors in E-commerce**
Göker Mutlu N., Dursun Karahüseyin M.
International Conferences on Science and Technology Engineering Sciences and Technology, Budva, Montenegro, 7 - 09 September 2022, pp.172-175
7. **Evaluation of E-Commerce Business Model Success Factors**
DURSUN KARAHÜSEYİN M., GÖKER MUTLU N.
IAC 2022, Prag, Czech Republic, 27 May 2022, pp.9-13
8. **Fuzzy MCDM Procedure for the Evaluation of Transportation Service Providers**
Dursun M., Göker Mutlu N.
IAC-MEM 2021, Vienna, Austria, 02 July 2021, pp.130-134
9. **Performance Evaluation of Solid Waste Facility Location Alternatives**
Mumcu E., Dursun M., Göker Mutlu N.
IAC 2021, Budapest, Hungary, 19 - 20 March 2021, pp.59-62
10. **A decision aid for assessing the efficiency of organized industrial zones located in the aegean region of turkey**
Dursun M., Göker Mutlu N.
IAC 2021, Budapest, Hungary, 19 - 20 March 2021, pp.50-53
11. **A Mathematical Modelling Framework for Performance Evaluation of Organized Industrial Zones Located in The Aegean Region of Turkey**
Göker Mutlu N., Dursun M.
IAC 2021, Budapest, Hungary, 19 - 20 March 2021, pp.63-66
12. **R&D Projects Evaluation Employing Fuzzy MCDM**
Göker Mutlu N., Dursun M.
IAC in Vienna 2020, Vienna, Austria, 11 - 12 December 2020, pp.174-177
13. **Performance Assessment of Retail Stores Utilizing Mathematical Programming Based Decision Approaches**
Dursun M., Göker Mutlu N.
AC in Vienna 2020, Vienna, Austria, 11 - 12 December 2020, pp.183-186
14. **An Intuitionistic Fuzzy Mapping Technique for Success Evaluation of Home Office Process in COVID-19 Pandemic**
Dursun M., Göker Mutlu N.
IAC in Vienna 2020, Vienna, Austria, 11 - 12 December 2020, pp.178-182
15. **Digital Transformation in Energy Industry**
Havle B. B., Dursun M., Göker Mutlu N.
IAC in Vienna 2020, Vienna, Austria, 11 - 12 December 2020, pp.187-190
16. **Techno-Economic Comparison of Possible Options for Investment and Production Decisions on Projects**

- Özsağiroğlu E., Göker Mutlu N., Dursun M.
Econworld, Porto, Portugal, 23 - 25 January 2020, vol.1, pp.1-8
17. **Fuzzy COPRAS Methodology for Project Provider Selection in Turkish Banking Sector**
Göker Mutlu N., Dursun M.
Econworld, Porto, Portugal, 23 - 25 January 2020, vol.1, pp.1-6
 18. **EVALUATION OF FACTORS THAT ENCOURAGE THE BANKS TO ADAPT DIGITAL TRANSFORMATION: AN INTUITIONISTIC FUZZY MAPPING TECHNIQUE**
Göker N., Dursun M.
MAC-2019, Praha, Czech Republic, 13 - 15 December 2019, pp.114-118
 19. **Fuel Provider Evaluation Using a Combined Decision Aid Model**
Dursun M., Göker N.
CSCC 2019, Athens, Greece, 14 - 17 July 2019, pp.1-4
 20. **Evaluation of Factors to Adapting Digital Transformation into Banking Sector: An Application of FCM**
Dursun M., Göker N.
IAC-Budapest, Budapest, Hungary, 15 - 16 March 2019, pp.116-120
 21. **Organized Industrial Zones Efficiency Evaluation Considering Economic Factors**
Dursun M., Göker N.
EconWorld2019, Sevilla, Spain, 23 - 25 January 2019, pp.1-6
 22. **A Fuzzy Decision Aid for Evaluating Agile Project Management Performance Indicators**
DURSUN M., GÖKER N., Mutlu H.
International Conference on Numerical Analysis and Applied Mathematics (ICNAAM), Rhodes, Greece, 13 - 18 September 2018, vol.2116
 23. **Evaluation of Supply Chain Configuration Criteria Using Fuzzy Cognitive Map**
DURSUN M., GÖKER N., Gumus G.
International Conference on Numerical Analysis and Applied Mathematics (ICNAAM), Rhodes, Greece, 13 - 18 September 2018, vol.2116
 24. **Performance Indicators Evaluation of Business Process Outsourcing Employing Fuzzy Cognitive Map**
GÖKER N., ALBAYRAK Y. E., DURSUN M.
13th International Conference on Application of Fuzzy Systems and Soft Computing (ICAFFS), Warszawa, Poland, 27 - 28 August 2018, vol.896, pp.201-208
 25. **An Integrated Fuzzy Decision Framework for Neuromarketing Technology Selection Problem**
DURSUN M., GÖKER N.
13th International Conference on Application of Fuzzy Systems and Soft Computing (ICAFFS), Warszawa, Poland, 27 - 28 August 2018, vol.896, pp.195-200
 26. **Facility Location Selection Employing Fuzzy DEA and Fuzzy Goal Programming Techniques**
CEDOLÍN M., GÖKER N., DOĞU E., 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.466-476
 27. **A FUZZY COGNITIVE MAP APPROACH FOR OUTSOURCING PERFORMANCE INDICATORS ASSESSMENT**
GÖKER N., ALBAYRAK Y. E.
12th International Conference on Fuzzy Logic and Intelligent Technologies in Nuclear Science (FLINS), Roubaix, France, 24 - 26 August 2016, vol.10, pp.872-878

Metrics

Publication: 70

Citation (WoS): 49

Citation (Scopus): 97

H-Index (WoS): 4

H-Index (Scopus): 7

Research Areas

Multi Criteria Decision Making, Decision Support Systems