

# GÜLCİN BÜYÜKÖZKAN FEYZİOĞLU

## PROF.

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ScopusID: 6602576011

Yoksis Researcher ID: 8095



## Learning Knowledge

Doctorate

1996 - 1999

Académie de Grenoble, Endüstri Mühendisliği , France

Postgraduate

1994 - 1997

Bogazici University, Faculty Of Engineering, Department Of Industrial Engineering, Turkey

Postgraduate

1995 - 1996

Académie de Grenoble, Endüstri Mühendisliği , France

Undergraduate

1989 - 1993

Istanbul Technical University, İşletme Fakültesi, Endüstri Mühendisliği Bölümü, Turkey

## Academic Titles / Tasks

Professor

2009 - Continues

Galatasaray University, Mühendislik Ve Teknoloji Fakültesi, Endüstri Mühendisliği

Associate Professor

2004 - 2009

Galatasaray University, Mühendislik Ve Teknoloji Fakültesi, Endüstri Mühendisliği

Assistant Professor

2000 - 2004

Galatasaray University, Mühendislik Ve Teknoloji Fakültesi, Endüstri Mühendisliği

Research Assistant

1994 - 2000

Galatasaray University, Mühendislik Ve Teknoloji Fakültesi, Endüstri Mühendisliği

## Supported Projects

1. BÜYÜKÖZKAN FEYZİOĞLU G., FEYZİOĞLU O., UZTÜRK BARAN D., GÜLER KESMEZ M., MUKUL TAYLAN E., Project Supported by Higher Education Institutions, Dijital Sistemlerin Modellenmesi, Analizi ve Uygulamaları, 2023 -

Continues

2. BÜYÜKÖZKAN FEYZİOĞLU G., UZTÜRK BARAN D., FEYZİOĞLU O., MUKUL E., GÜLER KESMEZ M., Project Supported by Higher Education Institutions, Dijital Dönüşüm Sistemlerinin Modellenmesi ve Endüstriyel Uygulamaları, 2021 - 2024
3. BÜYÜKÖZKAN FEYZİOĞLU G., FEYZİOĞLU O., Project Supported by Higher Education Institutions, AKILLI SİSTEMLERİN TASARIMI VE ANALİZİ, 2019 - 2022
4. ÖZTEK M. Y., UZTÜRK BARAN D., BÜYÜKÖZKAN FEYZİOĞLU G., Project Supported by Higher Education Institutions, KARAR VERME YÖNTEMLERİ İLE SÜRDÜRÜLEBİLİR SİSTEMLERİN ANALİZİ, 2019 - 2021
5. BÜYÜKÖZKAN FEYZİOĞLU G., Project Supported by Higher Education Institutions, KARAR MODELLERİYLE DİJİTAL, SÜRDÜRÜLEBİLİR VE TEDARİK ZİNCİRİ SİSTEMLERİNİN ANALİZİ, 2019 - 2020
6. BÜYÜKÖZKAN FEYZİOĞLU G., Project Supported by Higher Education Institutions, SÜRDÜRÜLEBİLİR VE TEKNOLOJİ TEMELLİ SİSTEMLERİN MODELLENMESİ VE ANALİZİ, 2018 - 2019
7. BÜYÜKÖZKAN FEYZİOĞLU G., Project Supported by Higher Education Institutions, KARAR MODELLERİYLE AKILLI SİSTEMLERİN ANALİZİ, 2018 - 2019
8. BÜYÜKÖZKAN FEYZİOĞLU G., Project Supported by Higher Education Institutions, TEKNOLOJİK SİSTEMLERİN BULANIK TEMELLİ ÇOK ÖLÇÜTLÜ KARAR MODELLERİYLE ANALİZİ, 2017 - 2018
9. BÜYÜKÖZKAN FEYZİOĞLU G., Project Supported by Higher Education Institutions, LOJİSTİK SİSTEMLERİN MODELLEMESİ VE ANALİZİ, 2017 - 2018
10. BÜYÜKÖZKAN FEYZİOĞLU G., Project Supported by Higher Education Institutions, SÜRDÜRÜLEBİLİRLİK VE TOPLUMSAL GELİŞMENİN ANALİZİ, 2016 - 2018
11. BÜYÜKÖZKAN FEYZİOĞLU G., Project Supported by Higher Education Institutions, BULANIK KARAR MODELLERİYLE ENDÜSTRİYEL SİSTEMLERİN ANALİZİ, 2016 - 2017
12. BÜYÜKÖZKAN FEYZİOĞLU G., Project Supported by Higher Education Institutions, TEKNOLOJİ TEMELLİ SİSTEMLERİN ANALİZİ, 2016 - 2017
13. 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
14. BÜYÜKÖZKAN FEYZİOĞLU G., Project Supported by Higher Education Institutions, KARAR MODELLERİYLE TEDARİK ZİNCİRİ, ENERJİ VE ÜRÜN GELİŞTİRME SİSTEMLERİNİN ANALİZİ, 2014 - 2015
15. BÜYÜKÖZKAN FEYZİOĞLU G., Project Supported by Higher Education Institutions, ENERJİ, ÜRÜN GELİŞTİRME VE LOJİSTİK SİSTEMLERİN MODELLENMESİ VE ÇOK ÖLÇÜTLÜ KARAR ANALİZİ, 2013 - 2014
16. BÜYÜKÖZKAN FEYZİOĞLU G., Project Supported by Higher Education Institutions, LOJİSTİK VE ÜRÜN GELİŞTİRME SİSTEMLERİNİN PLANLANMASI VE ANALİZİ, 2012 - 2013
17. BÜYÜKÖZKAN FEYZİOĞLU G., Project Supported by Higher Education Institutions, ENDÜSTRİYEL PROBLEMLERİN MODELLENMESİ VE ANALİZİ, 2011 - 2012
18. BÜYÜKÖZKAN FEYZİOĞLU G., Project Supported by Higher Education Institutions, BİLİŞİM SİSTEMLERİNİN MODELLENMESİ VE DEĞERLENDİRİLMESİ, 2010 - 2011
19. BÜYÜKÖZKAN FEYZİOĞLU G., Project Supported by Higher Education Institutions, ENDÜSTRİYEL PROBLEMLERİN ÇOK AMAÇLI KARAR VERME TEKNİKLERİ İLE MODELLENMESİ VE ANALİZİ, 2010 - 2011
20. BÜYÜKÖZKAN FEYZİOĞLU G., Project Supported by Higher Education Institutions, TEDARİK ZİNCİRİNİ MODELLEME VE ANALİZ, 2009 - 2010
21. BÜYÜKÖZKAN FEYZİOĞLU G., Project Supported by Higher Education Institutions, TEDARİK ZİNCİRİNDE İŞBİRLİĞİ ANALİZİ, 2009 - 2010
22. BÜYÜKÖZKAN FEYZİOĞLU G., Project Supported by Higher Education Institutions, BULANIK AKSİYOMLARLA TASARIM YAKLAŞIMIYLA TEDARİKÇİ FİRMA SEÇİMİ, 2009 - 2010
23. BÜYÜKÖZKAN FEYZİOĞLU G., Project Supported by Higher Education Institutions, AKSİYOMLARLA TASARIM PRENSİPLERİYLE BİLİŞİM SİSTEMLERİNİN MODELLENMESİ VE DEĞERLENDİRİLMESİ, 2009 - 2010
24. BÜYÜKÖZKAN FEYZİOĞLU G., Project Supported by Higher Education Institutions, STRATEJİK TEDARİK ZİNCİRİ YÖNETİMİ, 2008 - 2009
25. BÜYÜKÖZKAN FEYZİOĞLU G., Project Supported by Higher Education Institutions, LOJİSTİK ENDÜSTRİSİNDE MOBİL TEKNOLOJİLERİ DEĞERLENDİRMEK İÇİN BİR BULANIK GRUP KARAR VERME YAKLAŞIMI, 2008 - 2009

## Published journal articles indexed by SCI, SSCI, and AHCI

- 1. Industry 4.0 technologies in Smart Agriculture: A review and a Technology Assessment Model proposition**  
UZTÜRK BARAN D., BÜYÜKÖZKAN FEYZİOĞLU G.  
Technological Forecasting and Social Change, vol.208, 2024 (SSCI)
- 2. Spherical fuzzy sets based integrated DEMATEL, ANP, VIKOR approach and its application for renewable energy selection in Turkey**  
BÜYÜKÖZKAN FEYZİOĞLU G., Karabulut Y., Göçer F.  
Applied Soft Computing, vol.158, 2024 (SCI-Expanded)
- 3. Fermatean fuzzy sets and its extensions: a systematic literature review**  
BÜYÜKÖZKAN FEYZİOĞLU G., UZTÜRK BARAN D., Ilicak Ö.  
Artificial Intelligence Review, vol.57, no.6, 2024 (SCI-Expanded)
- 4. Integrated design framework for smart agriculture: Bridging the gap between digitalization and sustainability**  
BÜYÜKÖZKAN FEYZİOĞLU G., UZTÜRK BARAN D.  
Journal of Cleaner Production, vol.449, 2024 (SCI-Expanded)
- 5. Metaverse-based education: literature review and a proposed framework**  
BÜYÜKÖZKAN FEYZİOĞLU G., MUKUL TAYLAN E.  
Interactive Learning Environments, 2024 (SSCI)
- 6. A Survey of Digital Government: Science Mapping Approach, Application Areas, and Future Directions**  
Güler Kesmez M., Büyüközkan Feyzioğlu G.  
Systems, vol.11, no.12, 2023 (SSCI)
- 7. Strategic Analysis for Advancing Smart Agriculture with the Analytic SWOT/PESTLE Framework: A Case for Turkey**  
UZTÜRK BARAN D., BÜYÜKÖZKAN FEYZİOĞLU G.  
Agriculture (Switzerland), vol.13, no.12, 2023 (SCI-Expanded)
- 8. Digital transformation in education: A systematic review of education 4.0**  
MUKUL TAYLAN E., BÜYÜKÖZKAN FEYZİOĞLU G.  
Technological Forecasting and Social Change, vol.194, 2023 (SSCI)
- 9. Influential factor analysis for cloud computing technology service provider**  
Büyüközkan G., UZTÜRK BARAN D., Maden A.  
Technological Forecasting and Social Change, vol.192, 2023 (SSCI)
- 10. A novel extension of Pythagorean fuzzy MULTIMOORA approach for new product development**  
Göçer F., BÜYÜKÖZKAN FEYZİOĞLU G.  
Heliyon, vol.9, no.6, 2023 (SCI-Expanded)
- 11. Multi-criteria evaluation of medical waste management process under intuitionistic fuzzy environment: A case study on hospitals in Turkey**  
ÇELİK S., Peker İ., Gök-Kısa A. C., Büyüközkan G.  
Socio-Economic Planning Sciences, vol.86, 2023 (SCI-Expanded)
- 12. Smart urban logistics: Literature review and future directions**  
BÜYÜKÖZKAN FEYZİOĞLU G., Ilicak O.  
SOCIO-ECONOMIC PLANNING SCIENCES, vol.81, 2022 (SCI-Expanded)
- 13. A review of urban resilience literature**  
Buyukozkan G., Ilicak O., FEYZİOĞLU O.  
SUSTAINABLE CITIES AND SOCIETY, vol.77, 2022 (SCI-Expanded)
- 14. Evaluating Blockchain requirements for effective digital supply chain management**  
BÜYÜKÖZKAN FEYZİOĞLU G., Tufekci G., UZTÜRK BARAN D.  
INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS, vol.242, 2021 (SCI-Expanded)
- 15. A combined hesitant fuzzy MCDM approach for supply chain analytics tool evaluation**

- Büyüközkan Feyzioğlu G., Guler M.  
APPLIED SOFT COMPUTING, vol.112, 2021 (SCI-Expanded)
16. **Evaluation of software development projects based on integrated Pythagorean fuzzy methodology**  
BÜYÜKÖZKAN FEYZİOĞLU G., GÖÇER F.  
EXPERT SYSTEMS WITH APPLICATIONS, vol.183, 2021 (SCI-Expanded)
17. **A Novel Approach Integrating AHP and COPRAS Under Pythagorean Fuzzy Sets for Digital Supply Chain Partner Selection**  
BÜYÜKÖZKAN FEYZİOĞLU G., GÖÇER F.  
IEEE TRANSACTIONS ON ENGINEERING MANAGEMENT, vol.68, no.5, pp.1486-1503, 2021 (SCI-Expanded)
18. **A multi-stage fuzzy decision-making framework to evaluate the appropriate wastewater treatment system: a case study**  
BÜYÜKÖZKAN FEYZİOĞLU G., Tufekci G.  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.28, pp.53507-53519, 2021 (SCI-Expanded)
19. **A decision-making framework for evaluating appropriate business blockchain platforms using multiple preference formats and VIKOR**  
BÜYÜKÖZKAN FEYZİOĞLU G., Tufekci G.  
INFORMATION SCIENCES, vol.571, pp.337-357, 2021 (SCI-Expanded)
20. **A novel Pythagorean fuzzy set integrated Choquet integral approach for vertical farming technology assessment**  
Büyüközkan G., Göçer F., UZTÜRK BARAN D.  
COMPUTERS & INDUSTRIAL ENGINEERING, vol.158, 2021 (SCI-Expanded)
21. **Health tourism strategy selection via SWOT analysis and integrated hesitant fuzzy linguistic AHP-MABAC approach**  
BÜYÜKÖZKAN FEYZİOĞLU G., MUKUL E., Kongar E.  
SOCIO-ECONOMIC PLANNING SCIENCES, vol.74, 2021 (SCI-Expanded)
22. **Digital competency evaluation of low-cost airlines using an integrated IVIF AHP and IVIF VIKOR methodology**  
BÜYÜKÖZKAN FEYZİOĞLU G., Havle C. A., FEYZİOĞLU O.  
JOURNAL OF AIR TRANSPORT MANAGEMENT, vol.91, 2021 (SSCI)
23. **A new digital service quality model and its strategic analysis in aviation industry using interval-valued intuitionistic fuzzy AHP**  
BÜYÜKÖZKAN FEYZİOĞLU G., Havle C. A., FEYZİOĞLU O.  
JOURNAL OF AIR TRANSPORT MANAGEMENT, vol.86, 2020 (SSCI)
24. **Smart watch evaluation with integrated hesitant fuzzy linguistic SAW-ARAS technique**  
BÜYÜKÖZKAN FEYZİOĞLU G., GÜLER KESMEZ M.  
MEASUREMENT, vol.153, 2020 (SCI-Expanded)
25. **Analysis of companies' digital maturity by hesitant fuzzy linguistic MCDM methods**  
BÜYÜKÖZKAN FEYZİOĞLU G., GÜLER KESMEZ M.  
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.38, no.1, pp.1119-1132, 2020 (SCI-Expanded)
26. **A combined group decision making based IFCM and SERVQUAL approach for strategic analysis of airline service quality**  
Buyukozkan G., Havle C. A., FEYZİOĞLU O., Gocer F.  
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.38, no.1, pp.859-872, 2020 (SCI-Expanded)
27. **Evaluation of smart health technologies with hesitant fuzzy linguistic MCDM methods**  
Buyukozkan G., MUKUL E.  
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.39, no.5, pp.6363-6375, 2020 (SCI-Expanded)
28. **Smart medical device selection based on intuitionistic fuzzy Choquet integral**  
BÜYÜKÖZKAN FEYZİOĞLU G., Gocer F.  
SOFT COMPUTING, vol.23, no.20, pp.10085-10103, 2019 (SCI-Expanded)
29. **Integrated SWOT analysis with multiple preference relations: Selection of strategic factors for social media**

Buyukozkan G., Ilicak O.

KYBERNETES, vol.48, no.3, pp.451-470, 2019 (SCI-Expanded)

30. **A new group decision making approach with IF AHP and IF VIKOR for selecting hazardous waste carriers**  
BÜYÜKÖZKAN FEYZİOĞLU G., Gocer F., Karabulut Y.  
MEASUREMENT, vol.134, pp.66-82, 2019 (SCI-Expanded)
31. **A novel renewable energy selection model for United Nations' sustainable development goals**  
BÜYÜKÖZKAN FEYZİOĞLU G., Karabulut Y., MUKUL E.  
ENERGY, vol.165, pp.290-302, 2018 (SCI-Expanded)
32. **Cloud computing technology selection based on interval-valued intuitionistic fuzzy MCDM methods**  
BÜYÜKÖZKAN FEYZİOĞLU G., Gocer F., FEYZİOĞLU O.  
SOFT COMPUTING, vol.22, no.15, pp.5091-5114, 2018 (SCI-Expanded)
33. **An extension of ARAS methodology under Interval Valued Intuitionistic Fuzzy environment for Digital Supply Chain**  
BÜYÜKÖZKAN FEYZİOĞLU G., Gocer F.  
APPLIED SOFT COMPUTING, vol.69, pp.634-654, 2018 (SCI-Expanded)
34. **Sustainability performance evaluation: Literature review and future directions**  
BÜYÜKÖZKAN FEYZİOĞLU G., Karabulut Y.  
JOURNAL OF ENVIRONMENTAL MANAGEMENT, vol.217, pp.253-267, 2018 (SCI-Expanded)
35. **Digital Supply Chain: Literature review and a proposed framework for future research**  
BÜYÜKÖZKAN FEYZİOĞLU G., Gocer F.  
COMPUTERS IN INDUSTRY, vol.97, pp.157-177, 2018 (SCI-Expanded)
36. **Selection of sustainable urban transportation alternatives using an integrated intuitionistic fuzzy Choquet integral approach**  
BÜYÜKÖZKAN FEYZİOĞLU G., FEYZİOĞLU O., Gocer F.  
TRANSPORTATION RESEARCH PART D-TRANSPORT AND ENVIRONMENT, vol.58, pp.186-207, 2018 (SCI-Expanded)
37. **Healthcare Website Evaluation Using Intuitionistic Fuzzy Choquet Approach**  
BÜYÜKÖZKAN FEYZİOĞLU G., Gocer F., FEYZİOĞLU O.  
JOURNAL OF MULTIPLE-VALUED LOGIC AND SOFT COMPUTING, vol.30, pp.215-237, 2018 (SCI-Expanded)
38. **RFID service provider selection: An integrated fuzzy MCDM approach**  
BÜYÜKÖZKAN FEYZİOĞLU G., Karabulut Y., Arsenyan J.  
MEASUREMENT, vol.112, pp.88-98, 2017 (SCI-Expanded)
39. **A new combined IF-DEMATEL and IF-ANP approach for CRM partner evaluation**  
BÜYÜKÖZKAN FEYZİOĞLU G., Guleryuz S., Karpak B.  
INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS, vol.191, pp.194-206, 2017 (SCI-Expanded)
40. **Evaluation of Renewable Energy Resources in Turkey using an integrated MCDM approach with linguistic interval fuzzy preference relations**  
BÜYÜKÖZKAN FEYZİOĞLU G., Guleryuz S.  
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41. **Application of a new combined intuitionistic fuzzy MCDM approach based on axiomatic design methodology for the supplier selection problem**  
BÜYÜKÖZKAN FEYZİOĞLU G., Gocer F.  
APPLIED SOFT COMPUTING, vol.52, pp.1222-1238, 2017 (SCI-Expanded)
42. **Energy project performance evaluation with sustainability perspective**  
BÜYÜKÖZKAN FEYZİOĞLU G., Karabulut Y.  
ENERGY, vol.119, pp.549-560, 2017 (SCI-Expanded)
43. **An integrated DEMATEL-ANP approach for renewable energy resources selection in Turkey**  
BÜYÜKÖZKAN FEYZİOĞLU G., Guleryuz S.  
INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS, vol.182, pp.435-448, 2016 (SCI-Expanded)
44. **A new integrated intuitionistic fuzzy group decision making approach for product development**

**partner selection**

BÜYÜKÖZKAN FEYZİOĞLU G., Guleryuz S.

COMPUTERS & INDUSTRIAL ENGINEERING, vol.102, pp.383-395, 2016 (SCI-Expanded)

45. **A new hesitant fuzzy QFD approach: An application to computer workstation selection**  
Çevik Onar S., BÜYÜKÖZKAN FEYZİOĞLU G., Öztaysi B., Kahraman C.  
APPLIED SOFT COMPUTING, vol.46, pp.1-16, 2016 (SCI-Expanded)
46. **Multi Criteria Group Decision Making Approach for Smart Phone Selection Using Intuitionistic Fuzzy TOPSIS**  
BÜYÜKÖZKAN FEYZİOĞLU G., Guleryuz S.  
INTERNATIONAL JOURNAL OF COMPUTATIONAL INTELLIGENCE SYSTEMS, vol.9, no.4, pp.709-725, 2016 (SCI-Expanded)
47. **A New Extended MILP MRP Approach to Production Planning and Its Application in the Jewelry Industry**  
Yazici E., BÜYÜKÖZKAN FEYZİOĞLU G., Baskak M.  
MATHEMATICAL PROBLEMS IN ENGINEERING, 2016 (SCI-Expanded)
48. **Multi criteria evaluation of logistics firms' web site performance**  
BÜYÜKÖZKAN FEYZİOĞLU G., Guleryuz S.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.31, no.4, pp.889-902, 2016 (SCI-Expanded)
49. **An integrated fuzzy approach for information technology planning in collaborative product development**  
Arsenyan J., BÜYÜKÖZKAN FEYZİOĞLU G.  
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, vol.54, no.11, pp.3149-3169, 2016 (SCI-Expanded)
50. **Evaluation of Knowledge Management Tools by Using An Interval Type-2 Fuzzy TOPSIS Method**  
Büyükozkcan Feyzioğlu G., Parlak İ. B., Tolga A. Ç.  
INTERNATIONAL JOURNAL OF COMPUTATIONAL INTELLIGENCE SYSTEMS, vol.9, pp.812-826, 2016 (SCI-Expanded)
51. **Extending Fuzzy QFD Methodology with GDM Approaches: An Application for IT Planning in Collaborative Product Development**  
BÜYÜKÖZKAN FEYZİOĞLU G., Guleryuz S.  
INTERNATIONAL JOURNAL OF FUZZY SYSTEMS, vol.17, no.4, pp.544-558, 2015 (SCI-Expanded)
52. **Assessment of lean manufacturing effect on business performance using Bayesian Belief Networks**  
BÜYÜKÖZKAN FEYZİOĞLU G., Kayakutlu G., Karakadilar I. S.  
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53. **Locating recycling facilities for IT-based electronic waste in Turkey**  
Aras N., KORUGAN A., BÜYÜKÖZKAN FEYZİOĞLU G., Serifoglu F. S., Erol I., NURTANIŞ VELİOĞLU M.  
JOURNAL OF CLEANER PRODUCTION, vol.105, pp.324-336, 2015 (SCI-Expanded)
54. **An Extended Quality Function Deployment Incorporating Fuzzy Logic and GDM Under Different Preference Structures**  
Buyukozkan G., Cifci G.  
INTERNATIONAL JOURNAL OF COMPUTATIONAL INTELLIGENCE SYSTEMS, vol.8, no.3, pp.438-454, 2015 (SCI-Expanded)
55. **Modeling collaboration formation with a game theory approach**  
Arsenyan J., BÜYÜKÖZKAN FEYZİOĞLU G., FEYZİOĞLU O.  
EXPERT SYSTEMS WITH APPLICATIONS, vol.42, no.4, pp.2073-2085, 2015 (SCI-Expanded)
56. **Evaluation of product development partners using an integrated AHP-VIKOR model**  
BÜYÜKÖZKAN FEYZİOĞLU G., Gorener A.  
KYBERNETES, vol.44, no.2, pp.220-237, 2015 (SCI-Expanded)
57. **Modelling collaborative product development using axiomatic design principles: application to software industry**  
Arsenyan J., BÜYÜKÖZKAN FEYZİOĞLU G.

PRODUCTION PLANNING & CONTROL, vol.25, no.7, pp.515-547, 2014 (SCI-Expanded)

58. **A new GDM based AHP framework with linguistic interval fuzzy preference relations for renewable energy planning**  
BÜYÜKÖZKAN FEYZİOĞLU G., Guleryuz S.  
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.27, no.6, pp.3181-3195, 2014 (SCI-Expanded)
59. **A fuzzy QFD approach to determine supply chain management strategies in the dairy industry**  
AYAĞ Z., SAMANLIOĞLU F., BÜYÜKÖZKAN FEYZİOĞLU G.  
JOURNAL OF INTELLIGENT MANUFACTURING, vol.24, no.6, pp.1111-1122, 2013 (SCI-Expanded)
60. **An integrated QFD framework with multiple formatted and incomplete preferences: A sustainable supply chain application**  
BÜYÜKÖZKAN FEYZİOĞLU G., Cifci G.  
APPLIED SOFT COMPUTING, vol.13, no.9, pp.3931-3941, 2013 (SCI-Expanded)
61. **A new incomplete preference relations based approach to quality function deployment**  
BÜYÜKÖZKAN FEYZİOĞLU G., Cifci G.  
INFORMATION SCIENCES, vol.206, pp.30-41, 2012 (SCI-Expanded)
62. **Analyzing of CPFR success factors using fuzzy cognitive maps in retail industry**  
BÜYÜKÖZKAN FEYZİOĞLU G., Vardaloglu Z.  
EXPERT SYSTEMS WITH APPLICATIONS, vol.39, no.12, pp.10438-10455, 2012 (SCI-Expanded)
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12th International Working Seminar on Production Economics, Innsbruck, Austria, 01 January 2002, pp.53-72
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Buyukozkan G.

Conference on Leading Technology Change - Management Issues and Challenges, New-Mexico, United States Of America, 13 - 15 August 2000, pp.239-244

## Academic and Administrative Experience

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2020 - Continues	<b>Dean</b>	Galatasaray University, Mühendislik Ve Teknoloji Fakültesi
2008 - Continues	<b>Member of the Senate</b>	Galatasaray University, Mühendislik Ve Teknoloji Fakültesi
2015 - 2024	<b>Head of Department</b>	Galatasaray University, Mühendislik Ve Teknoloji Fakültesi, Endüstri Mühendisliği Bölümü

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## Advising Theses

Büyükoçkan Feyzioğlu G., Modelling and analysis of digital government transformation, Doctorate, M.GÜLER(Student), 2023

Büyükoçkan Feyzioğlu G., Digitalization in agriculture: Design and modelling of smart agriculture systems, Doctorate, D.UZTÜRK(Student), 2023

Büyükoçkan Feyzioğlu G., Modeling and analyzing the digital education systems, Doctorate, E.MUKUL(Student), 2023

Büyükoçkan Feyzioğlu G., Technology and employee collaboration in the wake of organizations' digital transformation, Doctorate, A.ARAS(Student), 2023

Büyükoçkan Feyzioğlu G., Machine learning based smart beehive monitoring system without Internet network, Postgraduate, E.ECE(Student), 2022

BÜYÜKÖZKAN FEYZİOĞLU G., Modeling and design of digital supply chain, Doctorate, F.GÖÇER(Student), 2018

BÜYÜKÖZKAN FEYZİOĞLU G., Evaluation framework for the digital maturity model with hesitant fuzzy multi criteria decision making techniques, Postgraduate, M.GÜLER(Student), 2018

BÜYÜKÖZKAN FEYZİOĞLU G., Strategic analysis of smart city model and smart transportation with hesitant fuzzy MCDM, Postgraduate, E.MUKUL(Student), 2018

BÜYÜKÖZKAN FEYZİOĞLU G., Integrated SWOT analysis with multiple preference relations for selection of the Marmara region organized industrial zones logistics strategies, Postgraduate, Ö.İLİCAK(Student), 2017

BÜYÜKÖZKAN FEYZİOĞLU G., New proposed integrated MCDM approaches for the effective renewable energy resources selection problem, Doctorate, S.GÜLERYÜZ(Student), 2017

BÜYÜKÖZKAN FEYZİOĞLU G., Sustainable university building design with integrated 2-tuple with QFD, Postgraduate, D.UZTÜRK(Student), 2017

BÜYÜKÖZKAN FEYZİOĞLU G., An integrated grey analytical approach to evaluate transportation mode, Postgraduate, U.KARADAĞ(Student), 2017

BÜYÜKÖZKAN FEYZİOĞLU G., Proposition of a new sustainability performance evaluation model and its application on energy projects, Doctorate, H.YAĞMUR(Student), 2017

BÜYÜKÖZKAN FEYZİOĞLU G., Integrated vikor with multiple preference relations for collaborative robot selection, Postgraduate, B.BAHADIR(Student), 2017

BÜYÜKÖZKAN FEYZİOĞLU G., Sensor technology and supplier selection via fuzzy axiomatic design methodology, Postgraduate, D.AYBARS(Student), 2016

BÜYÜKÖZKAN FEYZİOĞLU G., Strategic analysis of sustainable tourism for Turkey with SWOT based fuzzy MCDM

approach, Postgraduate, A.BİLGE(Student), 2016  
BÜYÜKÖZKAN FEYZİOĞLU G., An integrated decision support system for cloud computing technology service provider selection, Postgraduate, A.MADEN(Student), 2015  
BÜYÜKÖZKAN FEYZİOĞLU G., Using an integrated fuzzy MCDM method with balanced scorecard for R&D project performance assessment, Postgraduate, Ö.GÜNDÜZ(Student), 2014  
BÜYÜKÖZKAN FEYZİOĞLU G., Designing and implementing a collaborative structure for product development, Doctorate, J.ANI(Student), 2011  
BÜYÜKÖZKAN FEYZİOĞLU G., Supplier selection with sustainability perspective using an integrated fuzzy approach, Postgraduate, Ç.BERKOL(Student), 2011  
BÜYÜKÖZKAN FEYZİOĞLU G., Analysis of the sustainable supply chain structure under uncertainty environment, Postgraduate, G.ÇİFÇİ(Student), 2010  
BÜYÜKÖZKAN FEYZİOĞLU G., Analyzing collaborative planning, forecasting and replenishment (CPFR) supporting factors with fuzzy cognitive map approach, Postgraduate, Z.VARDALOĞLU(Student), 2010  
BÜYÜKÖZKAN FEYZİOĞLU G., An analytic approach for six sigma project selection in the logistics industry, Postgraduate, D.ÖZTÜRKCAN(Student), 2009  
BÜYÜKÖZKAN FEYZİOĞLU G., An analytic model proposal for environmentally conscious supply chain management, Postgraduate, A.ÇAPAN(Student), 2008

## Metrics

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Citation (Scopus): 8867

H-Index (WoS): 46

H-Index (Scopus): 50

## Research Areas

Industrial Engineering , Engineering and Technology