

# İLKE BEREKETLİ ZAFEIRAKOPOULOS

## ASST. PROF.

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International Researcher IDs

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Publons / Web Of Science ResearcherID: E-6936-2011

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### Learning Knowledge

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Doctorate 2008 - 2013	Galatasaray University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (Dr), Turkey
Doctorate 2010 - 2011	Technische Universitaet Wien, Misafir Doktora Öğrencisi - Ecodesign Araştırma Bölümü, Austria
Postgraduate 2005 - 2007	Galatasaray University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (YI) (Tezli), Turkey
Undergraduate 2000 - 2005	Galatasaray University, Mühendislik Ve Teknoloji Fakültesi, Endüstri Mühendisliği Bölümü, Turkey

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### Foreign Languages

French, C1 Advanced

English, C1 Advanced

### Dissertations

Doctorate, An Integrated Ecodesign Methodology for Electrical and Electronic Equipment, Galatasaray Üniversitesi, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (Dr), 2013

### Academic Titles / Tasks

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Assistant Professor 2016 - Continues	Galatasaray University, Mühendislik Ve Teknoloji Fakültesi, Endüstri Mühendisliği
Research Assistant 2005 - 2016	Galatasaray University, Mühendislik Ve Teknoloji Fakültesi, Endüstri Mühendisliği
Research Assistant 2014 - 2015	Atina Ulusal Teknik Üniversitesi, Endüstriyel Yönetim Ve Yöneylem Araştırması Bölümü

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## Supported Projects

1. **BEREKETLİ ZAFEIRAKOPOULOS İ.**, Project Supported by Higher Education Institutions, TERSİNE LOJİSTİK SİSTEMLERİNDE ÇEVRESEL RİSK DEĞERLENDİRMESİ, 2018 - 2020
2. **BEREKETLİ ZAFEIRAKOPOULOS İ.**, Project Supported by Higher Education Institutions, SÜRDÜRÜLEBİLİR ÜRETİMDE VERİ MADENCİLİĞİ YAKLAŞIMI, 2016 - 2017
3. **BEREKETLİ ZAFEIRAKOPOULOS İ.**, Project Supported by Higher Education Institutions, ÇEVRECİ TASARIM GELİŞTİRME STRATEJİLERİNİN EKONOMİK VE ÇEVRESEL DEĞERLENDİRMESİ, 2015 - 2016

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

1. **An integrated model of system dynamics and fuzzy cognitive mapping approach for waste management in Turkey**  
Konyalioglu A. K., Zafeirakopoulos B.  
GLOBAL NEST JOURNAL, vol.21, no.4, pp.539-545, 2019 (SCI-Expanded)
2. **An Analytic Network Process approach for the environmental aspect selection problem - A case study for a hand blender**  
BEREKETLİ ZAFEIRAKOPOULOS İ., Genevois M. E.  
ENVIRONMENTAL IMPACT ASSESSMENT REVIEW, vol.54, pp.101-109, 2015 (SSCI)
3. **An integrated QFDE approach for identifying improvement strategies in sustainable product development**  
BEREKETLİ ZAFEIRAKOPOULOS İ., Genevois M. E.  
JOURNAL OF CLEANER PRODUCTION, vol.54, pp.188-198, 2013 (SCI-Expanded)
4. **WEEE treatment strategies' evaluation using fuzzy LINMAP method**  
BEREKETLİ ZAFEIRAKOPOULOS İ., Genevois M. E., ALBAYRAK Y. E., Ozyol M.  
EXPERT SYSTEMS WITH APPLICATIONS, vol.38, no.1, pp.71-79, 2011 (SCI-Expanded)

## Refereed Congress / Symposium Publications in Proceedings

1. **A simulation approach for plastic gloves' waste management during COVID-19 pandemic: A Case of Turkey**  
KONYALIOĞLU A. K., BERKETLİ ZAFEIRAKOPOULOS İ.  
Ninth International Conference on Environmental Management, Engineering, Planning & Economics (CEMEPE), 05 June 2022, pp.359-366
2. **A Fuzzy Cognitive Mapping Approach for the Evaluation of Hospital's Sustainability: An Integrated View**  
Konyahoglu A. K., BERKETLİ ZAFEIRAKOPOULOS İ.  
21st International Symposium on Production Research (ISPR) - Digitizing Production System, ELECTR NETWORK, 7 - 09 October 2021, pp.123-130
3. **Improving face masks' waste management during COVID-19 pandemic: A Case of Turkey**  
KONYALIOĞLU A. K., BERKETLİ ZAFEIRAKOPOULOS İ.  
Conference: Eighth International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2021) and SECOTOX Conference, Selanik, Greece, 18 - 21 July 2021
4. **Criteria Weighting for Blockchain Software Selection Using Fuzzy AHP**  
KARAYAZI F., BERKETLİ ZAFEIRAKOPOULOS İ.  
INFUS 2020: Intelligent and Fuzzy Techniques: Smart and Innovative Solutions, 01 July 2020, pp.608-615
5. **A system dynamics model for the supply chain management of rare earth elements in mobile phones'xx touch screens**  
KONYALIOĞLU A. K., BERKETLİ ZAFEIRAKOPOULOS İ.

Sixth International Symposium on Green Chemistry, Sustainable Development and Circular Economy, Selanik, Greece, 20 - 23 September 2020

6. **Reverse Logistics Optimization Approach for Mobile Phones'xx Waste Management in Turkey**  
KONYALIOĞLU A. K., BEREKETLİ ZAFEIRAKOPOULOS İ.  
Protection and Restoration of the Environment XV, Patras, Greece, 7 - 10 July 2020
7. **Evaluation of Wireless In-flight Entertainment System in Aviation Sector**  
Altın E., BEREKETLİ ZAFEIRAKOPOULOS İ.  
International Symposium for Production Research, 28 - 30 August 2019
8. **An integrated system dynamics and MCDM approach for the Evaluation of mobile phones' waste management in Turkey**  
KONYALIOĞLU A. K., BEREKETLİ ZAFEIRAKOPOULOS İ.  
19th European Roundtable for Sustainable Consumption and Production Circular Europe for Sustainability: Design, Production and Consumption, Barcelona, Spain, 15 - 18 October 2019, pp.653-665
9. **Environmental Impact Analysis of E-book vs. Paper Book with a Case from Turkey**  
Bilgiç S., Bereketli Zafeirakopoulos İ.  
19th European Roundtable for Sustainable Consumption and Production (ERSCP 2019), Barcelona, Spain, 15 - 18 October 2019, pp.581-591
10. **Evaluation of small household appliances' collection method with fuzzy MCDM approach: A case of Turkey**  
KONYALIOĞLU A. K., BEREKETLİ ZAFEIRAKOPOULOS İ.  
Advances in Intelligent Systems and Computing, 23 - 25 July 2019, vol.1029, pp.804
11. **A MCDM (Multi Criteria Decision Making) approach to evaluate packaging waste management in Turkey**  
KONYALIOĞLU A. K., BEREKETLİ ZAFEIRAKOPOULOS İ.  
Seventh International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2019)and SECOTOX Conference, Mykonos, 19 - 24 May 2019, pp.379-387
12. **Environmental Risk Assessment of E-waste in Reverse Logistics Systems Using MCDM Methods**  
Duran F., BEREKETLİ ZAFEIRAKOPOULOS İ.  
International Symposium for Production Research (ISPR) 2018, 28 - 31 August 2018
13. **MANAGING RISK FACTORS IN ECO-PRODUCT DESIGN FOR EEE**  
Genevois M. E., BEREKETLİ ZAFEIRAKOPOULOS İ., GÜRBÜZ T.  
2nd International Conference on Risk Analysis and Crisis Response, Beijing, China, 19 - 21 October 2009, pp.180-185
14. **Green Product Design for Mobile Phones**  
BEREKETLİ ZAFEIRAKOPOULOS İ., GENEVOIS M., ULUKAN H. Z.  
International Conference on Environmental Systems Engineering (ICESE), 7 - 08 October 2009, vol.3, pp.1850-1854
15. **A Fuzzy Multi-Criteria Approach to WEEE Treatment Strategy Selection**  
BEREKETLİ 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
16. **Green Product Design for EEE**  
Genevois M. E., BEREKETLİ ZAFEIRAKOPOULOS İ.  
International Conference on Computers and Industrial Engineering (CIE39), Troyes, France, 6 - 09 July 2009, pp.963-968
17. **WEEE treatment strategies' evaluation using fuzzy LINMAP method**  
BEREKETLİ ZAFEIRAKOPOULOS İ., Genevois M. E., ALBAYRAK Y. E., Ozyol M.  
8th International Conference on Fuzzy Logic and Intelligent Technologies in Nuclear Science, Madrid, Spain, 21 - 24 September 2008, vol.1, pp.647-652

## Advising Theses

BEREKETLİ ZAFEIRAKOPOULOS İ., ENVIRONMENTAL RISK ASSESSMENT OF E-WASTE IN REVERSE LOGISTICS SYSTEMS USING MCDM METHODS, Postgraduate, F.DURAN(Student), 2019

BEREKETLİ ZAFEIRAKOPOULOS İ., Life cycle assessment application, Postgraduate, S.BİLGİÇ(Student), 2019

BEREKETLİ ZAFEIRAKOPOULOS İ., Renewable Energy Sources and A Plant Integration, Postgraduate, S.AVŞAR(Student), 2019

BEREKETLİ ZAFEIRAKOPOULOS İ., Supply Chain Management in Aviation Sector, Postgraduate, E.ALTIN(Student), 2018

BEREKETLİ ZAFEIRAKOPOULOS İ., A system dynamics model for small household appliances' waste management by Bayesian network: A case of Turkey, Postgraduate, A.KEMAL(Student), 2018

## Metrics

Publication: 21

Citation (WoS): 121

Citation (Scopus): 182

H-Index (WoS): 3

H-Index (Scopus): 5