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Education

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

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

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

Supported Projects

1. BEREKETLİ ZAFEIRAKOPOULOS İ., Project Supported by Higher Education Institutions, ÇEVRECİ ÜRÜN VE SİSTEMLER İÇİN YAŞAM DÖNGÜSÜ DEĞERLENDİRMESİ YAKLAŞIMI, 2019 - 2020
2. BEREKETLİ ZAFEIRAKOPOULOS İ., Project Supported by Higher Education Institutions, TERSİNE LOJİSTİK SİSTEMLERİNDE ÇEVRESEL RİSK DEĞERLENDİRMESİ, 2018 - 2020
3. BEREKETLİ ZAFEIRAKOPOULOS İ., Project Supported by Higher Education Institutions, SÜRDÜRÜLEBİLİR ÜRETİMDE VERİ MADENCİLİĞİ YAKLAŞIMI, 2016 - 2017
4. 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. **Forecasting medical waste in Istanbul using a novel nonlinear grey Bernoulli model optimized by firefly algorithm**
Konyalıoğlu A. K., Özcan T., Bereketli İ.
Waste Management and Research, 2024 (SCI-Expanded)
2. **An integrated model of system dynamics and fuzzy cognitive mapping approach for waste management in Turkey**
Konyalıoğlu A. K., Zafeirakopoulos B.
GLOBAL NEST JOURNAL, vol.21, no.4, pp.539-545, 2019 (SCI-Expanded)
3. **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)
4. **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)
5. **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)

Articles Published in Other Journals

1. **EU-Focused Circular Economy Modelling of Rare Earth Element Waste in Mobile Phone Touch Screens by a System Dynamics Approach**
Konyalıoğlu A. K., Zhang N., Bereketli İ.
Circular Economy and Sustainability, vol.4, no.3, pp.1877-1898, 2024 (Scopus)

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., BEREKETLİ 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

Konyaloğlu 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., BERKETLİ 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., BERKETLİ 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., BERKETLİ 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., BERKETLİ 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., BERKETLİ 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., BERKETLİ 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., BERKETLİ 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**
BERKETLİ 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., BERKETLİ 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**
BERKETLİ 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

Supervised Theses

- Bereketli Zafeirakopoulos İ., SOLAR POWER PLANT INVESTMENT STRATEGY ASSESSMENT WITH COST BENEFIT ANALYSIS: A CASE OF RETAIL COMPANY IN TURKEY, Postgraduate, S.AVŞAR(Student), 2024
- Bereketli Zafeirakopoulos İ., Estimation of success of energy efficiency support program applications for SME's with data mining, Postgraduate, H.DEMİROĞLU(Student), 2023
- Bereketli Zafeirakopoulos İ., Blockchain software selection and risk assessment in logistics sector, Postgraduate, F.KARAYAZI(Student), 2021
- Bereketli Zafeirakopoulos İ., Evaluation of ife systems using triple bottom line and mcdm approaches, Postgraduate, E.ALTIN(Student), 2020
- Bereketli Zafeirakopoulos İ., Flight based relational carbon emission performance analysis using DEA: A case study, Postgraduate, F.AYDOĞAN(Student), 2019
- BERKETLİ ZAFEIRAKOPOULOS İ., ENVIRONMENTAL RISK ASSESSMENT OF E-WASTE IN REVERSE LOGISTICS SYSTEMS USING MCDM METHODS, Postgraduate, F.DURAN(Student), 2019
- Bereketli Zafeirakopoulos İ., Life cycle assessment and cost analysis of paper books and e-books, Postgraduate, S.BİLGİÇ(Student), 2019
- BERKETLİ 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: 23
Citation (WoS): 122
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