

Lect. PhD İSMAİL VELİ SEZGİN

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Education Information

Doctorate, Akdeniz University, Institute of Science, Turkey 2013 - 2021

Postgraduate, Akdeniz University, Institute of Educational Sciences, Turkey 2014 - 2018

Postgraduate, Anadolu University, Institute Of Science, Kimya, Turkey 2004 - 2006

Undergraduate Double Major, Eskisehir Osmangazi University, Mühendislik Mimarlık Fakültesi, Kimya Mühendisliği, Turkey 2001 - 2005

Undergraduate, Eskisehir Osmangazi University, Fen Edebiyat Fakültesi, Kimya, Turkey 2000 - 2004

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Environmental Engineering, Engineering and Technology

Academic Titles / Tasks

Lecturer PhD, Akdeniz University, Rectorate, Kurumsal Gelişim Ve Kalite Koordinatörlüğü, 2022 - Continues

Expert, Akdeniz University, Rectorate, Teknoloji Transfer Ofisi, 2017 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Deep learning-based modelling of pyrolysis**
ÖZCAN A., Kasif A., SEZGİN İ. V., Catal C., Sanwal M., MERDUN H.
Cluster Computing, vol.27, no.1, pp.1089-1108, 2024 (SCI-Expanded)
- II. **Effects of biological pre-digestion of sewage sludge processed by fast pyrolysis on bio-oil yield and biochar toxicity**
Merdun H., Boubacar Laougé Z., Sezgin İ. V., Çığgın A. S.
Waste Management, vol.157, pp.149-158, 2023 (SCI-Expanded)
- III. **Products distribution of catalytic co-pyrolysis of greenhouse vegetable wastes and coal**
MERDUN H., SEZGİN İ. V.

Articles Published in Other Journals

- I. **Evaluation of bio-oil compounds of catalytic fast pyrolysis by multivariate analysis**
MERDUN H., SEZGİN İ. V., Guzelciftci B.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.25, no.3, pp.297-303, 2019 (ESCI)
- II. **Modelling of Pyrolysis Product Yields by Artificial Neural Networks**
MERDUN H., SEZGİN İ. V.
INTERNATIONAL JOURNAL OF RENEWABLE ENERGY RESEARCH, vol.8, no.2, pp.1178-1188, 2018 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Effects of catalysts on bio oil of fast pyrolysis of greenhouse vegetable wastes,**
MERDUN H., SEZGİN İ. V.
4th International Conference on Environmental Science and Technology (ICOEST), Ukraine, pp.148
- II. **Investigation of catalysts and bio oil in co pyrolysis of greenhouse vegetable wastes and coal**
MERDUN H., SEZGİN İ. V.
4th International Conference on Environmental Science and Technology (ICOEST), Ukraine, pp.153
- III. **Araştırma Üniversitelerinin Akademik İnsan Kaynağı Seçiminin TTO İş Geliştirme Parametrelerine Göre İncelenmesi**
SEZGİN İ. V., Koçyiğit M., Bilgen Çıktın M., SAKARYA M. C., Çelik N., KİTAPCI O., Koçyiğit M., Bilgen Çıktın M., SAKARYA M. C., Çelik N., et al.
1. Uluslararası Teknoloji Transfer Ofisi Kongresi, Eskişehir, Turkey, 26 - 28 September 2019
- IV. **Araştırma Üniversitelerinin Akademik İnsan Kaynağı Seçiminin TTO İş Geliştirme Parametrelerine Göre İncelenmesi**
SEZGİN İ. V., Çelik Günay N., Koçyiğit M., Bilgen Çıktın M., KİTAPCI O., SAKARYA M. C.
1. Uluslararası Teknoloji Transfer Ofisi Kongresi, Antalya, Turkey, 26 - 28 September 2019, vol.1, no.1, pp.1-5
- V. **Studies on Biomass Slow Pyrolysis in Turkey and World**
SEZGİN İ. V., MERDUN H., Laouge Z. B.
4rd International Conference on Civil and Environmental Engineering (ICOCEE), İstanbul, Turkey, 17 - 18 June 2019
- VI. **Studies on Thermochemical Conversion of Sludge for Bioenergy Production in Turkey and World**
MERDUN H., SEZGİN İ. V., Laouge Z. B.
5th International Conference on Engineering and Natural Science (ICENS) „ Prag, Czech Republic, 12 - 16 June 2019, pp.58-64
- VII. **Thermogravimetric Analysis Studies on Sludge in Turkey and World**
MERDUN H., SEZGİN İ. V., Laouge Z. B.
5th International Conference on Engineering and Natural Science (ICENS) „ Prag, Czech Republic, 12 - 16 June 2019, pp.113-117
- VIII. **Akademisyenlerin innovasyon eğilim düzeylerini belirleme ölçeği**
Sezgin İ. V., BIÇAK B.
V. International Eurasian educational Research Congress, Antalya, Turkey, 2 - 05 May 2018, pp.1
- IX. **Application of biochar to water treatment studies**
SEZGİN İ. V., MERDUN H.
14th International Combustion Symposium(INCOS 2018), Karabük, Turkey, 25 - 27 April 2018, pp.396-399
- X. **Biomass thermogravimetric analysis studies in Turkey,**
SEZGİN İ. V., MERDUN H.

14th International Combustion Symposium(INCOS 2018), Karabük, Turkey, 25 - 27 April 2018, pp.392-395

XI. Investigation of energy potentials of plant biomasses in Turkey

SEZGİN İ. V., MERDUN H.

3rd International Conference on Civil and Environmental Engineering (ICOCEE), İzmir, Turkey, 24 - 27 April 2018

XII. Soil applications of biochar obtained from biomass in Turkey

SEZGİN İ. V., MERDUN H.

3rd International Conference on Civil and Environmental Engineering (ICOCEE), İzmir, Turkey, 24 - 27 April 2018

Other Publications

I. ANTALYA FİRMALARINA YÖNELİK ENDÜSTRİ 4.0 DURUM TESPİTİ

KİTAPCI O., SAKARYA M. C., DÖRTYOL İ. T., SEZGİN İ. V., Çelik N., Koçyiğit M., Yahyaoğlu Ö., Bilgen Çıktın M., Başarır A. C., Ülgen S., et al.

Other, pp.33, 2018

Supported Projects

SEZGİN İ. V., TUBITAK Project, BİGG AKDENİZ, 2018 - Continues

YILMAZ E., MERDUN H., SEZGİN İ. V., MAHAMANE GALADIMA M., Project Supported by Higher Education Institutions, Tarımsal atıklardan piroliz yoluyla elde edilen biocharın bazı fizikokimyasal özelliklerinin araştırılması, 2019 - 2021

MERDUN H., ÇIĞGIN A. S., VAROL M., SEZGİN İ. V., BOUBACAR Z., Project Supported by Higher Education Institutions, Türkiyede en yaygın bulunan tarımsal biyokütle atıklarının içerik ve ısı davranışlarının araştırılması, 2018 - 2018

Metrics

Publication: 21

Citation (WoS): 16

Citation (Scopus): 47

H-Index (WoS): 2

H-Index (Scopus): 2