

Lect. Salih Genel

Personal Information

Office Phone: [+90 432 444 5065](tel:+904324445065)

Email: sgenel@yyu.edu.tr

Web: <https://avesis.yyu.edu.tr/sgenel>

Education Information

Doctorate, Van Yüzüncü Yil University, Fen Bilimleri Entitüsü, Kimya, Turkey 2017 - Continues

Research Areas

Chemistry, Physical Chemistry, Chemical Kinetics, Natural Sciences

Academic Titles / Tasks

Lecturer, Van Yüzüncü Yil University, Özal Meslek Yüksekokulu, Tıbbi Laboratuvar , 2009 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Catalytic hydrothermal liquefaction of lactuca scariola with a heterogeneous catalyst: The investigation of temperature, reaction time and synergistic effect of catalysts**
DURAK H., Genel S.
Bioresource Technology, vol.309, 2020 (Journal Indexed in SCI Expanded)
- II. **Characterization of bio-oil and bio-char obtained from black cumin seed by hydrothermal liquefaction: investigation of potential as an energy source**
DURAK H., Genel S.
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, 2020 (Journal Indexed in SCI)
- III. **Pyrolysis of black cumin seed: Significance of catalyst and temperature product yields and chromatographic characterization**
DURAK H., Genel S., Tunç M.
JOURNAL OF LIQUID CHROMATOGRAPHY & RELATED TECHNOLOGIES, vol.42, pp.331-350, 2019 (Journal Indexed in SCI)
- IV. **Hydrothermal liquefaction of Syrian mesquite (Prosopis farcta): Effects of operating parameters on product yields and characterization by different analysis methods**
ÇOLAK U., DURAK H., Genel S.
Journal of Supercritical Fluids, vol.140, pp.53-61, 2018 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Hidrotermal Ön İşlem Uygulaması ile Biyokütleden Aktif Karbon Eldesi**
Genel S., Durak H., Meydan İ.

32. Ulusal Kimya Kongresi, İstanbul, Turkey, 17 September - 19 October 2020, pp.135-136
- II. **Liquefaction of biomass by hydrothermal liquefaction in the presence of Fe catalyst**
DURAK H., Genel S.
III. international congress on new trends in science engineering and technology, Prag, Czech Republic, 6 - 08 August 2019, pp.365
- III. **LIQUEFACTION OF BIOMASS BY HYDROTHERMAL LIQUEFACTION WITH HETEROGENEOUS CATAL**
DURAK H., Genel S.
M A S - V I I N T E R N A T I O N A L E U R O P E A N C O N F E R E N C E O N M A T H E M A T I C S , E N G I N E E R I N G , N A T U R A L & M E D I C A L S C I E N C E S , K i e v , U k r a i n e , 1 2 - 1 4 J u l y 2 0 1 9 , p p . 9 - 1 0
- IV. **Investigation of hydrothermal liquefaction products of biomass by different analysis methods**
DURAK H., Genel S.
4th International Congress on Environmental Research and Technology, Atina, Greece, 14 - 18 November 2018, pp.25
- V. **Characterization of products obtained from hydrothermal liquefaction of biomass**
DURAK H., Genel S.
V. International Multidisciplinary Congress of Eurasia, Barselona, Spain, 24 - 26 July 2018, pp.296
- VI. **Investigation of liquefaction products of prosopis farcta by different analysis methods**
ÇOLAK U., DURAK H., Genel S.
V. International Multidisciplinary Congress of Eurasia, Barselona, Spain, 24 - 26 July 2018, pp.297
- VII. **Uleksitin Hidroklorik Asit Çözeltilerinde Çözünürlüğü**
Genel Y., Durak H., İnce F., Genel S.
26. Ulusal Kimya Kongresi, Muğla, Turkey, 1 - 06 October 2012, pp.271
- VIII. **Doğal ve Aktive Edilmiş Bentonit Kili Üzerine Çinko (Zn) Adsorpsiyonunun İncelenmesi**
Genel Y., Durak H., Genel S.
24. Ulusal Kimya Kongresi, Zonguldak, Turkey, 29 June - 02 July 2010, pp.5
- IX. **Doğal ve Aktive Edilmiş Bentonit Kili Üzerine Kobalt (Co) Adsorpsiyonunun İncelenmesi**
Genel Y., Durak H., Genel S.
24. Ulusal Kimya Kongresi, Zonguldak, Turkey, 29 June - 02 July 2010, pp.5
- X. **Isıl, Sodyum Hidroksit, Çinkoklorür ve Sülfürik Asit ile Aktive Edilen Doğal Sepiolit'in Üzerine Ağır Metal(Krom) Adsorpsiyonu**
Durak H., Genel S., Genel Y., Özdin K.
III. Ulusal Sağlık Hizmetleri Meslek Yüksek Okulları Sempozyumu, Van, Turkey, 18 - 22 June 2008, pp.261-270

Supported Projects

DURAK H., Genel S., Project Supported by Higher Education Institutions, Selüloz ve ligninin hidrotermal ve piroliz yöntemiyle sıvılaştırılması elde edilen ürünlerin karakterizasyonu, 2020 - Continues

DURAK H., Genel S., Project Supported by Higher Education Institutions, Biyokütlenin piroliz ve hidrotermal yöntemle farklı katalizör sistemleri kullanılarak sıvılaştırılması elde edilen ürünlerin karakterizasyonu, 2020 - Continues

Meydan İ., DURAK H., Genel S., Project Supported by Higher Education Institutions, Bazı İlaç Etken Maddelerinin Aktif Karbon Adsorpsiyon Kinetiğinin İncelenmesi, 2019 - 2021

DURAK H., Meydan İ., Genel S., Project Supported by Higher Education Institutions, Hidrotermal ön işlem uygulaması ile biyokütleden aktif karbon eldesi, 2019 - 2020

Citations

Total Citations (WOS):57

h-index (WOS):2