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Kişisel Bilgiler

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Uluslararası Araştırmacı ID'leri

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Publons / Web Of Science ResearcherID: AAS-9378-2021

ScopusID: 23023923700

Yoksis Araştırmacı ID: 185332

Eğitim Bilgileri

Doktora, Gazi Üniversitesi, Fen Bilimleri Enstitüsü, Türkiye 1998 - 2001

Yüksek Lisans, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Türkiye 1995 - 1997

Lisans, Erciyes Üniversitesi, Türkiye 1990 - 1994

Araştırma Alanları

Termoset Polimerler, Yapıştırıcılar

Akademik Unvanlar / Görevler

Doç. Dr., Erciyes Üniversitesi, Fen Fakültesi, Kimya, 2014 - Devam Ediyor

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayımlanan Makaleler

- I. **Economical biobinders and their blends suitable for the production of coal briquettes, heat insulating materials and other industrial applications**
Benk A., Delibaş A., Coban A.
INTERNATIONAL JOURNAL OF COAL PREPARATION AND UTILIZATION, cilt.42, sa.11, ss.3484-3501, 2022 (SCI-Expanded)
- II. **Economical Method for Producing Nascent Iodine Products with Aprotic Solvents (NMP, DMSO) Possessing Highly Effective Antimicrobial Properties**
BENK A., Güçlü D., Coban A.
Journal of Polymers and the Environment, cilt.30, sa.3, ss.1118-1126, 2022 (SCI-Expanded)
- III. **Laponite-AMPS/AA composite hydrogels for efficient removal of methylene blue (MB)**
Buyukbektas A., DELİBAŞ A., BENK A., COŞKUN R.
JOURNAL OF POLYMER RESEARCH, cilt.28, sa.8, 2021 (SCI-Expanded)
- IV. **The affects of heat and/or acid treatment on bleaching properties of serpentine to be utilized in reclaiming waste engine oil**
BENK A.
FUEL, cilt.290, 2021 (SCI-Expanded)
- V. **A simple method for the production of fuel and fuel additives from renewable low-viscosity mineral oils (Number-10 oil) and their mixtures**

- BENK A., Coban A.
RENEWABLE ENERGY, cilt.147, ss.1491-1499, 2020 (SCI-Expanded)
- VI. **Possibility of producing lightweight, heat insulating bricks from pumice and H₃PO₄- or NH₄NO₃-hardened molasses binder**
Benk A., ÇOBAN A.
CERAMICS INTERNATIONAL, cilt.38, sa.3, ss.2283-2293, 2012 (SCI-Expanded)
- VII. **Molasses and air blown coal tar pitch binders for the production of metallurgical quality formed coke from anthracite fines or coke breeze**
BENK A., ÇOBAN A.
FUEL PROCESSING TECHNOLOGY, cilt.92, sa.5, ss.1078-1086, 2011 (SCI-Expanded)
- VIII. **Investigation of resole, novalac and coal tar pitch blended binder for the production of metallurgical quality formed coke briquettes from coke breeze and anthracite**
BENK A., ÇOBAN A.
FUEL PROCESSING TECHNOLOGY, cilt.92, sa.3, ss.631-638, 2011 (SCI-Expanded)
- IX. **Utilisation of the binders prepared from coal tar pitch and phenolic resins for the production metallurgical quality briquettes from coke breeze and the study of their high temperature carbonization behaviour**
BENK A.
FUEL PROCESSING TECHNOLOGY, cilt.91, sa.9, ss.1152-1161, 2010 (SCI-Expanded)
- X. **Phenolic resin binder for the production of metallurgical quality briquettes from coke breeze: Part III the effect of the type of acidic hardeners on the quality of the formed coke and the possibility to avoid the curing stage to produce metallurgical briquettes with enough strength**
BENK A., Talu M., Coban A.
FUEL PROCESSING TECHNOLOGY, cilt.90, sa.7-8, ss.971-979, 2009 (SCI-Expanded)
- XI. **Phenolic resin binder for the production of metallurgical quality briquettes from coke breeze: Part I**
BENK A., Talu M., Coban A.
FUEL PROCESSING TECHNOLOGY, cilt.89, sa.1, ss.28-37, 2008 (SCI-Expanded)
- XII. **Phenolic resin binder for the production of metallurgical quality briquettes from coke breeze: Part II the effect of the type of the basic catalyst used in the resole production on the tensile strength of the formed coke briquettes**
BENK A., Talu M., Coban A.
FUEL PROCESSING TECHNOLOGY, cilt.89, sa.1, ss.38-46, 2008 (SCI-Expanded)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Kolay Tutuşan Mangal Kömürü, Dumansız Yakıt Üretim Metodları ve Hava kirliliğinin Önlenmesine Katkıları**
ÇOBAN A., SARAÇOĞLU M., BENK A.
Kimya 94 X. Ulusal Kimya Kongresi, Bursa, Türkiye, 1 - 04 Haziran 1994, ss.218

Patent

- Benk A., Çoban A., YENİ BİR YAKIT KATKI MADDESİ ÜRETİM METODU, Patent, BÖLÜM C Kimya; Metalürji, Buluşun Tescil No: TR 2017 22659 B , Standart Tescil, 2022
- Çoban A., Benk A., Atık Yağlardan Yakıt ve Yakıt Katkı Maddelerinin Üretim Yöntemi, Patent, BÖLÜM C Kimya; Metalürji, Buluşun Tescil No: TR 2017 22740 B , Standart Tescil, 2021
- Benk A., Çoban A., PDMS-I ESASLI BİR ANTIMİKROBİYAL EMÜLSİYON ÜRETİM YÖNTEMİ, Patent, BÖLÜM A İnsan İhtiyaçları, Buluşun Tescil No: TR 2015 05127 B , Standart Tescil, 2020
- Benk A., Çoban A., PRODUCTION METHOD FOR A PDMS-I BASED ANTIMICROBIAL SOLUTION, Patent, BÖLÜM A İnsan

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Benk A., İyodofor Esaslı Bir Antimikrobiyal Hidrojel Üretim Yöntemi, Patent, BÖLÜM A İnsan İhtiyaçları, Buluşun Tescil No: TR 2015 05114 B , Standart Tescil, 2020

Metrikler

Yayın: 13

Atıf (WoS): 147

Atıf (Scopus): 169

H-İndeks (WoS): 7

H-İndeks (Scopus): 7