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Research Areas

Thermoset Polymers, adhesives

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

- I. **Laponite-AMPS/AA composite hydrogels for efficient removal of methylene blue (MB)**
Buyukbektas A., DELİBAŞ A., BENK A., COŞKUN R.
JOURNAL OF POLYMER RESEARCH, vol.28, no.8, 2021 (Journal Indexed in SCI)
- II. **The affects of heat and/or acid treatment on bleaching properties of serpentine to be utilized in reclaiming waste engine oil**
BENK A.
FUEL, vol.290, 2021 (Journal Indexed in SCI)
- III. **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, vol.147, pp.1491-1499, 2020 (Journal Indexed in SCI)
- IV. **Possibility of producing lightweight, heat insulating bricks from pumice and H₃PO₄- or NH₄N₃-hardened molasses binder**
Benk A., ÇOBAN A.
CERAMICS INTERNATIONAL, vol.38, no.3, pp.2283-2293, 2012 (Journal Indexed in SCI)
- V. **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, vol.92, no.5, pp.1078-1086, 2011 (Journal Indexed in SCI)
- VI. **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, vol.92, no.3, pp.631-638, 2011 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- 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, Turkey, 1 - 04 June 1994, pp.218

Patent

Benk A., Çoban A., PRODUCTION METHOD FOR A PDMS-I BASED ANTIMICROBIAL SOLUTION, Patent, CHAPTER A Human Needs, The Invention Registration Number: EP3389381 (B1) , Registration in Multiple Countries, 2020
Benk A., Çoban A., PDMS-I ESASLI BIR ANTIMIKROBIYAL EMÜLSİYON ÜRETİM YÖNTEMİ, Patent, CHAPTER A Human Needs, The Invention Registration Number: TR 2015 05127 B , Initial Registration, 2020
Benk A., İyodofor Esaslı Bir Antimikrobiyal Hidrojel Üretim Yöntemi, Patent, CHAPTER A Human Needs, The Invention Registration Number: TR 2015 05114 B , Initial Registration, 2020

Citations

Total Citations (WOS):53

h-index (WOS):3