

Personal Information

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Education Information

Doctorate, Yıldız Teknik Üniversitesi, FACULTY OF CHEMICAL AND METALLURGICAL ENGINEERING, Kimya Mühendisliği, Turkey 2013 - Continues

Post Graduate, Yıldız Teknik Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği, Turkey 2010 - 2013

Under Graduate, Yıldız Teknik Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği, Turkey 1999 - 2006

Research Areas

Environmental Engineering, Engineering and Technology

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

- **Utilization of struvite recovered from high-strength ammonium-containing simulated wastewater as slow-release fertilizer and fire-retardant barrier**
Yetilmezsoy K., Koçak E., Akbin H. M. , Özçimen D.
ENVIRONMENTAL TECHNOLOGY, vol.41, no.2, pp.153-170, 2020 (Journal Indexed in SCI)
- **Feasibility of struvite recovery process for fertilizer industry: A study of financial and economic analysis**
Yetilmezsoy K., İlhan F., Koçak E., Akbin H. M.
JOURNAL OF CLEANER PRODUCTION, vol.152, pp.88-102, 2017 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- **Characterization of waste sludge containing Boron**
KURTOĞLU AKKAYA G., AKBİN H. M. , BİLGİLİ M. S. , KILIÇ H.
Congress of Energy and Environment Engineering and Management 2015, 22 - 24 July 2015
- **Characterization of Waste Sludge Containing Boron**
AKBİN H. M. , KURTOĞLU AKKAYA G., BİLGİLİ M. S. , KILIÇ H.
6th International Congress of Energy and Environment Engineering and Management, 22 - 24 July 2015
- **Survey of Buffer Solution and pH Effect on Immobilization of Lipozyme TL 100L on Celite**
AKBİN H. M.
International Conference on Environmental Science and Technology, Antalya, Turkey, 14 May 2014, pp.198-199
- **Transesterification of Canola Oil by Immobilized Lipase Thermomyces Lanuginosus**
AKBİN H. M.
International Conference on Environmental Science and Technology, Antalya, Turkey, 14 May 2014, pp.405-406
- **Tutuklanmış Thermomyces lanuginosa Lipazı ile Kanola Yağından Biyodizel Üretimi Yüzey Cevap Yöntemi ile Proses Optimizasyonu**
AKBİN H. M. , Bahar G., Uyar B., İlgen O., Kapucu N.
17.Ulusal Biyoteknoloji Kongresi, Turkey, 23 - 26 September 2012
- **Biodiesel Production from Canola Oil by Thermomyces Lanuginosa Lipase Immobilized on Mg Al Hydrotalcite**
AKBİN H. M. , Bahar G., Uyar B., İlgen O., Kapucu N.
4th National Catalysis Conference, Turkey, 21 - 24 March 2012

- **Biodiesel production by Thermomyces Lanuginosa Lipase immobilized on different supports**
AKBİN H. M. , BAHAR G., UYAR B., İLGEN O., KAPUCU N.
10th International Conference on Sustainable Energy Technologies, 4 - 07 September 2011
- **Farklı Kaynaklardan Elde Edilen Lipazların Hidrotalsit Celite ve Çitosana Tutuklanma Performansı**
AKBİN H. M. , Bahar G., Uyar B., İlgen O., Kapucu N.
25.Ulusal Kimya Kongresi, Turkey, 27 June - 02 July 2011
- **Biyodizel Üretimi İçin Thermomyces Lanuginosa Lipazının Farklı Desteklere Tutuklanması**
AKBİN H. M.
4. Enerji Verimliliği ve Kalitesi Sempozyumu, Kocaeli, Turkey, 12 May 2011, pp.262-264

Supported Projects

AKBİN H. M. , TUBITAK Project, Biyodizel Yakıt ve Biyoyağlayıcıların Yenilenebilir Kaynaklardan Lipaz Katalizli Üretimi, 2010 - 2012

Citations

Total Citations (WOS):36

h-index (WOS):2