

Kişisel Bilgiler

E-posta: merdem@anadolu.edu.tr

Web: <https://avesis.anadolu.edu.tr/merdem>

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Novel N-vinylimidazole based copolymeric hydrogels: Synthesis, characterization and swelling properties**
ERDEM M.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, cilt.34, sa.3, ss.1470-1481, 2019 (SCI-Expanded)
- II. **EGG SHELL POWDER ADDED RIGID POLYURETHANE FOAMS: THE INVESTIGATION OF THEIR THERMAL CONDUCTIVITY, COMPRESSIVE STRENGTH AND FIRE BEHAVIORS**
ERDEM M., AKDOĞAN E., ÜREYEN M. E., Uysal O., Kaya M., Irmak C.
ISI BİLİMİ VE TEKNİĞİ DERGİSİ-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY, cilt.38, sa.1, ss.83-93, 2018 (SCI-Expanded)
- III. **Effect of reactive organobentonite additives to the some performance properties of rigid polyurethane foam**
Erdem M., Ortac K., ERDEM B., TÜRK H.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, cilt.32, sa.4, ss.1209-1219, 2017 (SCI-Expanded)
- IV. **Adsorption of Reactive Black 5 onto quaternized 2-dimethylaminoethyl methacrylate based polymer/clay nanocomposites**
ERDEM B., Erdem M., ÖZCAN A. S.
ADSORPTION-JOURNAL OF THE INTERNATIONAL ADSORPTION SOCIETY, cilt.22, sa.4-6, ss.767-776, 2016 (SCI-Expanded)
- V. **Removal of Orange II from Aqueous Solutions Using N-Vinyl Imidazole-based Hydrogels as Adsorbents**
ERDEM M., Dikisler O., ERDEM B.
CHEMICAL ENGINEERING COMMUNICATIONS, cilt.203, sa.10, ss.1403-1412, 2016 (SCI-Expanded)
- VI. **Emulsifier-free cationic latexes based on vinylbenzyl chloride and 2-(dimethylamino)ethyl methacrylate with adjusted hydrophilic-hydrophobic properties**
TÜRK H., Karabacak R. B., Erdem M.
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.132, sa.45, 2015 (SCI-Expanded)
- VII. **Removal of lead (II) and nickel (II) ions from aqueous solution using activated carbon prepared from rapeseed oil cake by Na₂CO₃ activation**
UÇAR S., ERDEM M., Tay T., Karagöz S.
Clean Technologies and Environmental Policy, cilt.17, sa.3, ss.747-756, 2015 (SCI-Expanded)
- VIII. **Facile two-step preparation of polystyrene/anatase TiO₂ core/shell colloidal particles and their potential use as an oxidation photocatalyst**
Karabacak R. B., Erdem M., YURDAKAL S., ÇİMEN Y., TÜRK H.
MATERIALS CHEMISTRY AND PHYSICS, cilt.144, sa.3, ss.498-504, 2014 (SCI-Expanded)
- IX. **Activated Carbons From Grape Seeds By Chemical Activation With Potassium Carbonate And Potassium Hydroxide**

Okman I., Karagoz S., Tay T., ERDEM M.

APPLIED SURFACE SCIENCE, cilt.293, ss.138-142, 2014 (SCI-Expanded)

- X. **Removal of Lead (II) Ions from Aqueous Solutions onto Activated Carbon Derived from Waste Biomass**
Erdem M., UÇAR S., Karagoz S., Tay T.
SCIENTIFIC WORLD JOURNAL, cilt.2013, 2013 (SCI-Expanded)
- XI. **Preparation and Characterization of Activated Carbons from Waste Melamine Coated Chipboard by NaOH Activation**
Zengin A., Akalin M. K., Tekin K., Erdem M., Tay T., Karagoz S.
EKOLOJİ, cilt.21, sa.85, ss.123-128, 2012 (SCI-Expanded)
- XII. **ADSORPTION OF METHYLENE BLUE FROM AQUEOUS SOLUTION ON ACTIVATED CARBON PRODUCED FROM SOYBEAN OIL CAKE BY KOH ACTIVATION**
Tay T., Erdem M., Ceylan B., Karagoz S.
BIORESOURCES, cilt.7, sa.3, ss.3175-3187, 2012 (SCI-Expanded)
- XIII. **Enhanced catalytic activity of o-iodosobenzoate in poly[(styrylmethyl)hexadecyldimethylammonium chloride] latexes for the hydrolysis of p-nitrophenyl diphenyl phosphate**
Karabacak R. B., Erdem M., TÜRK H.
COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS, cilt.377, sa.1-3, ss.167-174, 2011 (SCI-Expanded)
- XIV. **Biomimicking, metal-chelating and surface-imprinted polymers for the degradation of pesticides**
Erdem M., Say R., Ersoz A., DENİZLİ A., Turk H.
REACTIVE & FUNCTIONAL POLYMERS, cilt.70, sa.4, ss.238-243, 2010 (SCI-Expanded)
- XV. **Imprinted polymer/organo-smectite nanocomposites for paraoxon hydrolysis**
Erdem M., Say R., ERSÖZ A., DENİZLİ A., TÜRK H.
APPLIED CLAY SCIENCE, cilt.47, sa.3-4, ss.223-228, 2010 (SCI-Expanded)
- XVI. **Preparation and characterization of activated carbon produced from pomegranate seeds by ZnCl₂ activation**
UÇAR S., Erdem M., Tay T., Karagoz S.
APPLIED SURFACE SCIENCE, cilt.255, sa.21, ss.8890-8896, 2009 (SCI-Expanded)
- XVII. **Synthesis of novel methacrylate based adsorbents and their sorptive properties towards p-nitrophenol from aqueous solutions**
ERDEM M., Yueksel E., Tay T., ÇİMEN Y., TÜRK H.
JOURNAL OF COLLOID AND INTERFACE SCIENCE, cilt.333, sa.1, ss.40-48, 2009 (SCI-Expanded)
- XVIII. **Biosorption of Cadmium Ions from Aqueous Solution Onto Non-living Lichen Ramalina fraxinea Biomass**
Tay T., CANDAN M., Erdem M., ÇİMEN Y., TÜRK H.
CLEAN-SOIL AIR WATER, cilt.37, sa.3, ss.249-255, 2009 (SCI-Expanded)
- XIX. **Activated carbons from waste biomass by sulfuric acid activation and their use on methylene blue adsorption**
Karagoz S., Tay T., UÇAR S., Erdem M.
BIORESOURCE TECHNOLOGY, cilt.99, sa.14, ss.6214-6222, 2008 (SCI-Expanded)
- XX. **Preparation of cationic latexes with different length alkyl groups on their quaternary as supports for IBA catalyst ammonium ions and their use in the hydrolysis of PNPDP**
Erdem M., TÜRK H.
REACTIVE & FUNCTIONAL POLYMERS, cilt.68, sa.1, ss.321-331, 2008 (SCI-Expanded)
- XXI. **Antimicrobial activity of extracts of the lichen Parmelia Sulcata and its salazinic acid constituent**
Candan M., Yilmaz M., Tay T., Erdem M., Tuerk A. O.
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, cilt.62, sa.7-8, ss.619-621, 2007 (SCI-Expanded)

Hakemli Bilimsel Toplantılarda Yayımlanmış Bildiriler

- I. **Paraoxon destruction with biomimicking surface imprinted polymers based on metal chelation interaction**

KEÇİLİ R., SAY R., ERDEM M., ERSÖZ A., DENİZLİ A., TÜRK H.

4th Biomedical ScienceTechnology Symposium (BIOMED2008)International Workshop on

Networking/Platforming in Biomedical Technologies Focus on Nanomedicine,Muğla University, Marmaris, May 3-7,2008, 3 - 07 Mayıs 2008, (Özet Bildiri)