

Dr.Öğr.Üyesi ALİ CANLIER

Kişisel Bilgiler

E-posta: ali.canlier@agu.edu.tr

Web: <https://avesis.agu.edu.tr/ali.canlier>

Posta Adresi: Abdullah Gül Üniversitesi, Aşık Veysel Bulvarı, Erciyes Teknopark No:4-67/A

Eğitim Bilgileri

Post Doktora, Kaist Eews, Güney Kore 2011 - 2013

Doktora, Tokyo University, Research Laboratories For Nuclear Reactors, Japonya 2006 - 2009

Yüksek Lisans, Tokyo University, Research Laboratories For Nuclear Reactors, Japonya 2004 - 2006

Lisans, İhsan Doğramacı Bilkent Üniversitesi, Fen Edebiyat Fakültesi, Kimya, Türkiye 1998 - 2003

Yabancı Diller

İngilizce, C1 İleri

Almanca, B1 Orta

Japonca, C1 İleri

Korece, B2 Orta Üstü

Sertifika, Kurs ve Eğitimler

Güvenlik, Yangın Önleme Amirliği, Chiba İtfaiyesi, 2010

Yaptığı Tezler

Doktora, "Studies on Molecular Structures and Reactivities of Mono- and Dioxorhenium(V) Complexes for Radiopharmaceuticals", Tokyo Üniversitesi, Research Laboratories For Nuclear Reactors, Nuclear Engineering, 2009

Yüksek Lisans, "A Study on Molecular Structures and Reactivities of Oxorhenium(V) Complexes for Radiopharmaceuticals", Tokyo Üniversitesi, Research Laboratories For Nuclear Reactors, Nuclear Engineering, 2006

Araştırma Alanları

Kimya Mühendisliği ve Teknolojisi , Kimyasal Teknolojiler, Polimer Teknolojisi , Membran Teknolojisi , Kimya, Fizikokimya, Elektrokimya, Kompozitler, Polimerik Filmler, Polimerik Malzemeler, Yüzey Kimyası, İnorganik Kimya, Bor Kimyası, Geçiş Elementleri, Kataliz, Koordinasyon Kimyası, Metaller, Temel Bilimler, Mühendislik ve Teknoloji

Akademik Unvanlar / Görevler

Yrd.Doç.Dr., Abdullah Gül Üniversitesi, Mühendislik Ve Doğa Bilimleri Fakültesi, Malzeme Bilimi Ve Nanoteknoloji Mühendisliği, 2013 - Devam Ediyor

Jüri Üyelikleri

Akademik Personel Sınavı, Asistan Alımı, Abdullah Gül Üniversitesi, Aralık, 2013

Akademik Personel Sınavı, Uzman Alımı, Abdullah Gül Üniversitesi, Aralık, 2013

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Ultra-rapid catalytic degradation of 4-nitrophenol with ionic liquid recoverable and reusable ibuprofen derived silver nanoparticles**
Hassan S. S., Carlson K., Mohanty S. K., Sirajuddin S., Canlier A.
ENVIRONMENTAL POLLUTION, cilt.237, ss.731-739, 2018 (SCI-Expanded)
- II. **Synthesis of L-Cysteine Capped Silver Nanoparticles in Acidic Media at Room Temperature and Detailed Characterization**
Panhwar S., Hassan S. S., Mahar R. B., Canlier A., Sirajuddin S., Arain M.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, cilt.28, sa.3, ss.863-870, 2018 (SCI-Expanded)
- III. **An efficient and facile method of grafting Allyl groups to chemically resistant polyketone membranes**
Jung Y. S., Canlier A., Hwang T. S.
POLYMER, cilt.141, ss.102-108, 2018 (SCI-Expanded)
- IV. **Synthesis of polyketone-g-sodium styrene sulfonate cation exchange membrane via irradiation and its desalination properties**
Kim I. S., Hwang C. W., Kim Y. J., Canlier A., Jeong K. S., Hwang T. S.
MACROMOLECULAR RESEARCH, cilt.25, sa.11, ss.1063-1069, 2017 (SCI-Expanded)
- V. **Synthesis of polyketone-g-vinylbenzyl chloride anion exchange membrane via irradiation and its properties**
Kim Y. J., Hwang C. W., Hyeon S. M., Canlier A., Hwang T. S.
MACROMOLECULAR RESEARCH, cilt.25, sa.9, ss.898-904, 2017 (SCI-Expanded)
- VI. **Insights of CO₂ adsorption performance of amine impregnated mesoporous silica (SBA-15) at wide range pressure and temperature conditions**
Ullah R., Atilhan M., Aparicio S., CANLIER A., Yavuz C. T.
INTERNATIONAL JOURNAL OF GREENHOUSE GAS CONTROL, cilt.43, ss.22-32, 2015 (SCI-Expanded)
- VII. **Development of highly transparent Pd-coated Ag nanowire electrode for display and catalysis applications**
Canlier A., UCAK U. V., USTA H., CHO C., LEE J., Sen U., Citir M.
APPLIED SURFACE SCIENCE, cilt.350, ss.79-86, 2015 (SCI-Expanded)
- VIII. **Enhancement of Anhydrous Proton Conductivity of Poly(vinylphosphonic acid)-Poly(2,5-benzimidazole) Membranes via In Situ Polymerization**
Sen U., USTA H., Acar O., Citir M., Canlier A., Bozkurt A., Ata A.
MACROMOLECULAR CHEMISTRY AND PHYSICS, cilt.216, sa.1, ss.106-112, 2015 (SCI-Expanded)
- IX. **Highly Transparent Au-Coated Ag Nanowire Transparent Electrode with Reduction in Haze**
Kim T., Canlier A., Cho C., Rozyyev V., Lee J., Han S. M.
ACS APPLIED MATERIALS & INTERFACES, cilt.6, sa.16, ss.13527-13534, 2014 (SCI-Expanded)
- X. **Highly Stable Nanoporous Sulfur-Bridged Covalent Organic Polymers for Carbon Dioxide Removal**
Patel H. A., Karadas F., Byun J., Park J., Deniz E., Canlier A., Jung Y., Atilhan M., Yavuz C. T.
ADVANCED FUNCTIONAL MATERIALS, cilt.23, sa.18, ss.2270-2276, 2013 (SCI-Expanded)
- XI. **Electrostatic Spray Deposition of Highly Transparent Silver Nanowire Electrode on Flexible Substrate**

- Kim T., Canlier A., Kim G. H., Choi J., Park M., Han S. M.
ACS APPLIED MATERIALS & INTERFACES, cilt.5, sa.3, ss.788-794, 2013 (SCI-Expanded)
- XII. **High capacity carbon dioxide adsorption by inexpensive covalent organic polymers**
Patel H. A., Karadas F., Canlier A., Park J., Deniz E., Jung Y., Atılhan M., Yavuz C. T.
JOURNAL OF MATERIALS CHEMISTRY, cilt.22, sa.17, ss.8431-8437, 2012 (SCI-Expanded)
- XIII. **trans-Tetrakis(4-methylpyridine-kappa N)dioxidorhenium(V) hexafluoridophosphate**
Kawasaki T., Canlier A., Chowdhury S., Ikeda Y.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, cilt.66, 2010 (SCI-Expanded)
- XIV. **Structural characterization, electrochemistry, and spectroelectrochemistry of trans-dioxorhenium(V) complex with 4-methoxypyridine, [ReO₂(4-MeOpy)(4)]PF₆, and characterization of [ReO₂(4-MeOpy)(4)](2+) generated electrochemically**
Canlier A., Kawasaki T., Chowdhury S., Ikeda Y.
INORGANICA CHIMICA ACTA, cilt.363, sa.1, ss.1-7, 2010 (SCI-Expanded)
- XV. **Molecular structures and redox properties of oxorhenium(V) '3+1' mixed ligand complexes with heterocyclic thiolates containing nitrogen**
Chowdhury S., Nogami M., Canlier A., Koshino N., Ikeda Y.
INORGANICA CHIMICA ACTA, cilt.361, sa.5, ss.1524-1529, 2008 (SCI-Expanded)
- XVI. **Novel oxorhenium(V) '3+1' mixed ligand complexes with 3-thiapentane-1,5-dithiolate and functional mercaptobenzoyl amino acid ethyl ester**
Chowdhury S., Canlier A., Koshino N., Ikeda Y.
INORGANICA CHIMICA ACTA, cilt.361, sa.1, ss.145-152, 2008 (SCI-Expanded)
- XVII. **Molecular structure and linkage isomerization of isothiocyanato(3-thiapentane-1,5-dithiolato)oxorhenium(V) complex**
Chowdhury S., Koshino N., Canlier A., Mizuoka K., Ikeda Y.
INORGANICA CHIMICA ACTA, cilt.359, sa.8, ss.2472-2478, 2006 (SCI-Expanded)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **THIN FILMS OF INERT METAL NANOWIRES FOR DISPLAY APPLICATIONS**
Citir M., Sen U., USTA H., Canlier A.
6th NANOCON International Conference, Brno, Çek Cumhuriyeti, 5 - 07 Kasım 2014, ss.64-76
- II. **Experimental Methods for Thin Layer Coating of Metal Nanowires with Inert Metals**
ÇITIR M., CANLIER A., ŞEN Ü., USTA H.
6th NANOCON International Conference, Brno, Çek Cumhuriyeti, 5 - 07 Kasım 2014, ss.1
- III. **Experimental Methods for Thin Layer Coating of Metal Nanowires with Inert Metals Through Galvanic Exchange Reactions**
TAHAOĞLU D., ÇITIR M., ŞEN Ü., CANLIER A.
The 14th International Meeting on Information Display, Daegu, Güney Kore, 26 - 29 Ağustos 2014

Desteklenen Projeler

ÇITIR M., CANLIER A., TÜBİTAK Projesi, Ekran Uygulamaları için Bulanıklık Azaltıcı Metal Nanoteller ile Saydam ve Esnek Elektrot Dizaynı, 2013 - Devam Ediyor

CANLIER A., Çetin A. Ö., HASSAN S. S., Yükseköğretim Kurumları Destekli Proje, Bor Oksitle Bağlı Gözenekli Polimerler ile Karbondioksit Yakalama, 2015 - 2017

Metrikler

Yayın: 20

Atıf (WoS): 557

Atıf (Scopus): 483

H-İndeks (WoS): 8

H-İndeks (Scopus): 7

Akademi Dışı Deneyim

Ticari Kuruluş (özel), Nifco Inc.

Ticari Kuruluş (özel), Nagaiki Kenkyujo