

Res. Asst. PhD ELİF KARACAN

Personal Information

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Education Information

Doctorate, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Kimya, Turkey 2013 - 2018

Postgraduate, Indiana University Bloomington, College Of Arts And Sciences, Chemistry, United States Of America 2009 - 2011

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Eczacılık/Analitik Kimya, Turkey 2007 - 2009

Undergraduate, Ankara University, Fen Fakültesi, Kimya, Turkey 2000 - 2006

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Doku Mühendisliği Uygulamaları İçin Doğal Antibakteriyel İçeren Biyopolimer İskele Sistemlerin Hazırlanması, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Kimya, 2018

Postgraduate, Self-Assembled Virus-Like Particles and Their Applications in Nanomedicine Optimization of Core Nanoparticle Synthesis , Indiana University Bloomington, College Of Arts And Sciences, Chemistry, 2011

Postgraduate, Diflukortolon valerat ve izokonazolun farmasotik preparatlarda spektrofotometrik yollarla aynı anda miktar tayinleri, Ankara University, Sağlık Bilimleri Enstitüsü , Eczacılık/ Analitik Kimya, 2009

Research Areas

Chemistry, Physical Chemistry, Polymers and Their Applications, Polymeric Materials, Natural Sciences

Academic Titles / Tasks

Research Assistant PhD, Canakkale Onsekiz Mart University, Fen Edebiyat Fakültesi, Kimya, 2018 - Continues

Research Assistant, Canakkale Onsekiz Mart University, Fen Edebiyat Fakültesi, Kimya, 2012 - 2018

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

- Comparative study on oxidative and enzyme catalyzed oxidative polymerization of aminophenol compound containing dihalogen**

KAYA İ., Yeldir E. K.

JOURNAL OF POLYMER RESEARCH, vol.28, no.10, 2021 (Journal Indexed in SCI)

- II. **Synthesis, characterization, and investigation of some properties of the new symmetrical bisimine Ni(II), Zn(II), and Fe(III) complexes derived from the monoimine ligand**
Portakal E. D. , Kaya Y., Demirayak E., Yeldir E., Ercag A., KAYA İ.
APPLIED ORGANOMETALLIC CHEMISTRY, vol.35, no.8, 2021 (Journal Indexed in SCI)
- III. **P(2-VP) Supported Ru(II) Material as Catalyst for H₂ Production from the Methanolysis of NaBH₄**
TERCAN M., KARACAN YELDİR E., DAYAN O., ORAL A.
INORGANIC AND NANO-METAL CHEMISTRY, vol.-, pp.1-29, 2020 (Journal Indexed in SCI Expanded)
- IV. **Liquid Chromatographic and Spectrophotometric Determination of Diflucortolone Valerate and Isoconazole Nitrate in Creams**
Karacan E., Caglayan M. G. , Palabiyik I. M. , Onur F.
JOURNAL OF AOAC INTERNATIONAL, vol.94, no.1, pp.128-135, 2011 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Spectrophotometric and High Performance Liquid Chromatographic Determination of Fexofenadine Hydrochloride in Pharmaceutical Formulations**
Kozan I., Palabiyik I. M. , KARACAN E., Onur F.
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.5, no.3, pp.175-189, 2008 (Other Refereed National Journals)
- II. **Spectrophotometric Determination of Amoxicillin in Pharmaceutical Formulations**
Ünal K., Palabiyik I. M. , KARACAN E., Onur F.
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.5, no.1, pp.1-17, 2008 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

- I. **SYNTHESIS OF POLY(2-VINYL PYRIDINE)-RUTENIUM COMPLEX MATERIAL INTENDED FOR HYDROGEN ENERGY APPLICATIONS**
Başaran İ., KARACAN E., ORAL A., DAYAN O.
International Congress on Fundamental and Applied Sciences, Skopje, Macedonia, 18 - 22 June 2018, pp.119
- II. **Photopolymerization of Novel Piperazine Derivatives**
KARACAN E., ORAL A., YILMAZ M.
Joint Science Congress of Materials and Polymers, 25 - 28 August 2017
- III. **Morphological Study of Chitosan Nanobeads**
KARACAN E., ORAL A.
Joint Science Congress of Materials and Polymers, 25 - 28 August 2017
- IV. **Preparing of Chitosan beads with natural antibacterial essential oils**
KARACAN E., ORAL A.
Chemistry Conference for Young Scientists 2016, Blankenberge, Belgium, 16 - 18 March 2016
- V. **Imprinting hydrogels with metal ions for metal nanoparticle preparation and use in hydrogen production as catalysis media**
ŞAHİNER N., Seven F., Turhan T., yetişkin b., KARACAN E.
245th American Chemical Society National Meeting & Exposition, Chemistry of Energy & Food, New Orleans, LA. April 7-11, 2013, New Orleans, United States Of America, 7 - 11 April 2013
- VI. **Investigating the catalytic properties of poly(acrylic acid) and poly(methacrylic acid) hydrogel metal composites**
KARACAN E., ÖZTÜRK Ö. F. , ŞAHİNER N.
245th National Meeting of the American Chemical Society (ACS), New Orleans, La, United States Of America, 7 - 11 April 2013, pp.1
- VII. **Investigating the catalytic properties of poly(acrylic acid) and poly(methacrylic acid) hydrogel metal**

composites

ŞAHİNER N., KARACAN E., ÖZTÜRK Ö. F.

245th American Chemical Society National Meeting&Exposition, Chemistry of Energy&Food, New Orleans, New Orleans, United States Of America, 7 - 11 April 2013

VIII. Imprinting hydrogels with metal ions for metal nanoparticle preparation and use in hydrogen production as catalysis media

Seven F., Yetiskin B., Turhan T., KARACAN E., ŞAHİNER N.

245th National Spring Meeting of the American-Chemical-Society (ACS), Louisiana, United States Of America, 7 - 11 April 2013, vol.245

IX. Investigating the catalytic properties of poly(acrylic acid) and poly(methacrylic acid) hydrogel metal composites

KARACAN E., ÖZTÜRK Ö. F. , ŞAHİNER N.

245th National Meeting of the American-Chemical-Society (ACS), Louisiana, United States Of America, 7 - 11 April 2013, vol.245

X. Macroporous cryogels syntheses and characterizations

Seven F., KARACAN E., Turhan T., ŞAHİNER N.

245th National Spring Meeting of the American-Chemical-Society (ACS), Louisiana, United States Of America, 7 - 11 April 2013, vol.245

XI. Effects of size, structure, charge, and porosity of hydrogel-metal composite catalyst systems on hydrogen generation from the hydrolysis of NaBH₄

ŞAHİNER N., Seven F., Turhan T., KARACAN E., Çağlar A.

245th National Spring Meeting of the American-Chemical-Society (ACS), Louisiana, United States Of America, 7 - 11 April 2013, vol.245

XII. Super porous hydrogels as coordinating templates for in situ metal nanoparticle preparation and use as soft reactors in hydrogen production from the hydrolysis of hydrides

ŞAHİNER N., SAĞBAŞ SUNER S., Turhan T., KARACAN E., Seven F., Yasar A., Alpaslan D., Aktaş N., Aktaş N.

244th National Fall Meeting of the American-Chemical-Society (ACS), Pennsylvania, United States Of America, 19 - 23 August 2012, vol.244

Supported Projects

KARACAN E., KAYA İ., KOLCU F., Project Supported by Higher Education Institutions, Halojen ve nitro grubu içeren aminofenol monomerinin oksidatif ve enzimatik polimerizasyonu, 2020 - 2021

ORAL A., KARACAN E., Project Supported by Higher Education Institutions, Doku Mühendisliği Uygulamaları İçin Doğal Antibakteriyel İçeren Biyopolimer İskele Sistemlerin Hazırlanması, 2015 - 2018

Memberships / Tasks in Scientific Organizations

Kimyagerler Derneği, Member, 2013 - Continues

Citations

Total Citations (WOS):5

h-index (WOS):1