

## Asst. Prof. YEŐİM SANİYE KARA

### Personal Information

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### Education Information

Doctorate, Kocaeli Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 2002 - 2009

Post Graduate, Kocaeli Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 1998 - 2001

Under Graduate, İstanbul Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, Turkey 1985 - 1989

### Dissertations

Doctorate, Nitril oksit ve amidoksim kullanarak yeni hetero halkalı bileşiklerin sentezi, Kocaeli Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2009

Post Graduate, Bazı N-substitue amidoksimlerin sentez ve reaksiyonları, Kocaeli Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2001

### Research Areas

Natural Sciences

### Academic Titles / Tasks

Assistant Professor, Kocaeli Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2018 - Continues

Assistant Professor, Kocaeli Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2016 - 2018

### Courses

Genel Kimya I, Under Graduate, 2016 - 2017

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

- **Dynamic and static fluorescence quenching on the inclusion complex formed by [3-(4-methylphenyl)-4,5-dihydro-1,2-oxazole-4,5-diy] bis (methylene) diacetate and methyl-beta-cyclodextrin in aqueous media**  
Ay U., Sarli S. E. , KARA Y. S.  
SPECTROSCOPY LETTERS, 2020 (Journal Indexed in SCI)
- **Substituent effect study on the experimental C-13 NMR chemical shifts of 3-(substituted phenyl)-3a,4,8,8a-tetrahydro-1,3-dioxepino[5,6-d] [1,2] isoxazoles**  
KARA Y. S. , Yalduz S.

- JOURNAL OF MOLECULAR STRUCTURE, vol.1193, pp.158-165, 2019 (Journal Indexed in SCI)  
**Substituent effect study on experimental C-13 NMR chemical shifts of (3-(substituted phenyl)-cis-4,5-dihydroisoxazole-4,5-diyl)-bis(methylene)diacetate derivatives**  
 Kara Y. S.  
 SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.151, pp.723-730, 2015 (Journal Indexed in SCI)
- **C-13 NMR substituent-induced chemical shifts in 4-(substituted phenyl)-3-phenyl-1,2,4-oxadiazol-5(4H)-ones (thiones)**  
 Kara Y. S.  
 SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.149, pp.920-927, 2015 (Journal Indexed in SCI)
- **Theoretical study of 11-thiocyanatoundecanoic acid phenylamide derivatives on corrosion inhibition efficiencies**  
 Sagdinc S., Kara Y. S., KAYADİBİ F.  
 CANADIAN JOURNAL OF CHEMISTRY, vol.92, pp.876-887, 2014 (Journal Indexed in SCI)
- **Theoretical elucidation on corrosion inhibition efficiency of 11-cyano undecanoic acid phenylamide derivatives: DFT study**  
 Sagdinc S., KARA Y. S.  
 PROTECTION OF METALS AND PHYSICAL CHEMISTRY OF SURFACES, vol.50, pp.111-116, 2014 (Journal Indexed in SCI)
- **Comparison of molecular structures with DFT and HF of isoxazoline and isoxazolidine**  
 KARA Y. S., Sagdinc S.  
 Asian Journal of Chemistry, vol.25, pp.7904-7910, 2013 (Journal Indexed in SCI)
- **Experimental and theoretical investigations of 4 chloro N 2 methoxyphenyl benzamidoxime**  
 KARA Y. S., GÜNEŞDOĞDU SAĞDINÇ S., KARADAYI N.  
 Spectrochimica Acta Part A-Molecular And Biomolecular Spectroscopy, vol.110, pp.351-363, 2013 (Journal Indexed in SCI Expanded)
- **Theoretical study on the relationship between the molecular structure and corrosion inhibition efficiency of long alkyl side chain acetamide and isoxazolidine derivatives**  
 KARA Y. S., Sagdinc S. G., EŞME A.  
 PROTECTION OF METALS AND PHYSICAL CHEMISTRY OF SURFACES, vol.48, pp.710-721, 2012 (Journal Indexed in SCI)
- **C-13 NMR study of substituent effects in 1,2,4-oxadiazole and 1,2,4-thiadiazole derivatives**  
 Agirbas H., Kara Y. S.  
 PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.179, pp.1435-1443, 2004 (Journal Indexed in SCI)

### Refereed Congress / Symposium Publications in Proceedings

- **Novel Phthalocyanines Bearing N,N--Bis(propyleneoxy)aniline Moieties: Synthesis and Characterization)**  
 KARA Y. S., BİLGİN A., YAĞCI Ç.  
 International Science and Technology Conference (ISTEC 2018, Paris, France, 18 - 20 Temmuz 2018)

### Supported Projects

KARA Y. S., Project Supported by Higher Education Institutions, 4,7-DİHİDRO-2H-1,3-DİOKSEPİN BİLEŞİĞİNE NİTRİL OKSİDİN SİKLO KATILMA REAKSIYONUN İNCELENMESİ VE ELDE EDİLECEK ÜRÜNLERİN YAPILARININ AYDINLATILMASI, 2018 - 2018

KARA Y. S. , Project Supported by Higher Education Institutions, 3-(4-BROMOFENİL)-4,5-DİHİDROİSOKSAZOL-4,5-İL)-BİS(METİLEN) DİASETAT BİLEŞİĞİNİN X-RAY ÇALIŞMASI, 2016 - 2017

KARA Y. S. , Project Supported by Higher Education Institutions, 4-( sübtitüefenil)-3-fenil-1,2,4-okzadiazol-5-on ve 4-(sübtitüefenil)-3-fenil-1,2,4-okzadiazol-5-tiyon türevlerinin 13 C NMR kimyasal kaymaları üzerinde sübtitüent etkinin deneysel ve teorik olarak incelenmesi, 2014 - 2016

KARA Y. S. , Project Supported by Higher Education Institutions, {4-[(asetiloksi)metil]-3-sübtitüefenil-4,5-dihidroizoksazol-5-il}metil asetat türevlerinin 13 C NMR kimyasal kaymaları üzerinde sübtitüent etkinin deneysel ve teorik olarak incelenmesi, 2013 - 2015

KARA Y. S. , Project Supported by Higher Education Institutions, 3-(4-KLOROFENİL) 4-(2-METOKSİFENİL)-1,2,4-OKSADİAZOL-5(4H)-ON BİLEŞİĞİNİN KRİSTAL YAPISININ DENEYSEL OLARAK İNCELENMESİ, 2014 - 2014

KARA Y. S. , Project Supported by Higher Education Institutions, N-Hidroksi-N-(4-Metoksifenil) Benzimidamid ve Metal Komplekslerinin Teorik ve Deneysel Olarak Yapılarının İncelenmesi, 2011 - 2013

## Citations

Total Citations (WOS):43

h-index (WOS):5