

Asst. Prof. YASEMİN TÜMER

Personal Information

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Address: Karabük Üniversitesi Fen Fakültesi Kimya Bölümü Demir-Çelik Kampüsü Karabük

Education Information

Doctorate, Ondokuz Mayıs Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Dr), Turkey 2002 - 2008

Post Graduate, Ankara Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), Turkey 1993 - 1997

Under Graduate, Ondokuz Mayıs Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 1988 - 1993

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Bazı fosfazen bileşiklerinin ve geçiş metal komplekslerinin sentezlenerek yapılarının aydınlatılması, Ondokuz Mayıs Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Dr), 2008

Post Graduate, Açık zincirli fosfazen türevinin sentezi ve yapılarının atdınlatılması, Ankara Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), 1997

Research Areas

Chemistry, Inorganic Chemistry, Inorganic Ring Compounds, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Karabuk University, Fen Fakültesi, Kimya Bölümü, 2010 - Continues

Professional Experience

Erasmus Coordinator, Karabük Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2012 - Continues

Head of Department, Karabük Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2013 - 2017

Courses

Endüstriyel Kimya I, Under Graduate, 2019 - 2020

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

- I. **Phosphorus-nitrogen compounds: Part 45. Vanillinato-substituted cis-and trans-bisferrocenyldispirocyclotriphosphazenes: Syntheses, spectroscopic and crystallographic characterizations**
TÜMER Y., ASMAFİLİZ N., Arslan G., KILIÇ Z., HÖKELEK T.
JOURNAL OF MOLECULAR STRUCTURE, vol.1181, pp.235-243, 2019 (Journal Indexed in SCI)
- II. **Synthesis, characterization, biological activity and theoretical studies of a 2-amino-6-methoxybenzothiazole-based fluorescent Schiff base**
ALPASLAN G., BOYACIOĞLU B., DEMİR N., TÜMER Y., Yapar G., YILDIRIM N., YILDIZ M., ÜNVER H.
JOURNAL OF MOLECULAR STRUCTURE, vol.1180, pp.170-178, 2019 (Journal Indexed in SCI)
- III. **DFT Calculation, Molecular Docking, Biological Activity, and Crystal Structure of (E)-2-((4-tert-Butylbenzylimino)Methyl)-4-Methoxy-Phenol**
Zeyrek C. T. , Tumer Y., Kiraz A., Demir N., Yapar G., Boyacioglu B., Yildiz M., Unver H., Elmali A.
JOURNAL OF STRUCTURAL CHEMISTRY, vol.60, pp.32-44, 2019 (Journal Indexed in SCI)
- IV. **Phosphorus-nitrogen compounds: Part 43. Syntheses, spectroscopic characterizations and antimicrobial activities of cis- and trans-N/O dispirocyclotriphosphazenes containing ferrocenyl pendant arms**
TÜMER Y., ASMAFİLİZ N., KILIÇ Z., AYDIN B., AÇIK L., HÖKELEK T.
JOURNAL OF MOLECULAR STRUCTURE, vol.1173, pp.885-893, 2018 (Journal Indexed in SCI)
- V. **Syntheses, spectroscopic and crystallographic characterizations of cis- and trans-dispirocyclic ferrocenylphosphazenes: molecular dockings, cytotoxic and antimicrobial activities**
TÜMER Y., ASMAFİLİZ N., Zeyrek C. T. , KILIÇ Z., AÇIK L., Celik S. P. , TÜRK M., TUNALI B. Ç. , ÜNVER H., HÖKELEK T.
NEW JOURNAL OF CHEMISTRY, vol.42, pp.1740-1756, 2018 (Journal Indexed in SCI)
- VI. **Phosphorus-nitrogen compounds: part 30. Syntheses and structural investigations, antimicrobial and cytotoxic activities and DNA interactions of vanillinato-substituted NN or NO spirocyclic monoferrocenyl cyclotriphosphazenes**
TÜMER Y., Koc L. Y. , ASMAFİLİZ N., KILIÇ Z., HÖKELEK T., Soltanzade H., AÇIK L., YOLA M. L. , Solak A. O.
JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY, vol.20, pp.165-178, 2015 (Journal Indexed in SCI)
- VII. **Phosphorus-nitrogen compounds: Part 28. Syntheses, structural characterizations, antimicrobial and cytotoxic activities, and DNA interactions of new phosphazenes bearing vanillinato and pendant ferrocenyl groups**
TÜMER Y., ASMAFİLİZ N., KILIÇ Z., HÖKELEK T., Koc L. Y. , AÇIK L., YOLA M. L. , SOLAK A. O. , Oner Y., DÜNDAR D., et al.
JOURNAL OF MOLECULAR STRUCTURE, vol.1049, pp.112-124, 2013 (Journal Indexed in SCI)
- VIII. **PREPARATION AND CHARACTERIZATION OF HEXAKIS[2-METHOXY-4-(2,3-DIMETHYLPHENYLIMINO)PHENYLATO]CYCLOTRIPHOSPHAZENE**
Tümer Y., Yüksektepe Atalol Ç., Batı H., Çalışkan N., Büyükgüngör O.
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.185, pp.2449-2454, 2010 (Journal Indexed in SCI Expanded)
- IX. **Synthesis, crystal structure and characterization of hexakis[2-methoxy-4-formylphenoxy]cyclotriphosphazene**
Tümer Y., Bati H., Çalışkan N., Yüksektepe Ç., Büyükgüngör O.
Zeitschrift für Anorganische und Allgemeine Chemie, vol.634, pp.597-599, 2008 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Syntheses, Spectroscopic and Crystallographic Characterizations of Novel Phosphazenes Bearing Ethyl p-Hydroxybenzoate and Pendant Ferrocenyl Groups**
TÜMER Y., ÇAYIRBAŞI M., ŞAHİN O., HÖKELEK T.

Journal of the Turkish Chemical Society Section A: Chemistry, pp.215-224, 2020 (Other Refereed National Journals)

II. **The Synthesis of New Phosphazene-Bearing Ethyl pHydroxybenzoate and Ferrocenyl Pendant Groups and their Spectroscopic and Crystallographic Characterizations**

Tümer Y., Çayırbaşı M., Şahin O., Hökelek T.

Journal of the Turkish Chemical Society Section A: Chemistry, vol.7, pp.215-224, 2020 (Other Refereed National Journals)

III. **Syntheses and Structural Characterization of First Paraben Substituted Ferrocenyl Phosphazene Compounds**

TÜMER Y., ŞEHİRLİ E., YÜKSEKTEPE ATAOL Ç.

Journal of the Turkish Chemical Society, Section A: Chemistry, vol.4, pp.299, 2017 (Other Refereed National Journals)

IV. **Hydro/ Solvothermal Synthesis and Crystal Structure of New Ni(II) Coordination Polymer Containing Pamoic Acid and Ethylenediamine Mixed Ligands : {[Ni(μ-pam)(en)2]·H2O}n**

TÜMER Y., ŞAHİN O.

Journal of the Turkish Chemical Society, Section A: Chemistry, pp.869-876, 2017 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

I. **Crystallographic Characterizations of Cis- and Trans-dispirocyclicFerrocenylphosphazenes**

TÜMER Y., ASMAFİLİZ N., KILIÇ Z., HÖKELEK T.

CPC-XII12th Chemical Physics Congress, 12 - 13 October 2018

II. **SYNTHESES AND SPECTROSCOPIC CHARACTERIZATIONS OF MONO CYCLO-2,2'-xx-DIHYDROBIPHENYLPHOSPHAZENE BEARING VANILLINATO GROUPS**

TÜMER Y., ÖZDEMİR S. Z.

4th International Conference on New Trends in Chemistry, 11 - 13 May 2018

III. **Syntheses and Spectroscopic Characterizations of Cis- and Trans-dispirocyclic Ferrocenylphosphazenes Bearing Vanillinato Groups**

TÜMER Y., ARSLAN G.

INTERNATIONAL EURASIAN CONFERENCE ON BIOLOGICAL AND CHEMICAL SCIENCES, 26 - 27 April 2018

IV. **Antimicrobial and Cytotoxic Activities, and DNA Interactions ofVanillinato Substituted NN or NO Spirocyclic MonoferrocenylCyclotriphosphazenes**

TÜMER Y., ASMAFİLİZ N., KILIÇ Z., KOÇ L. Y., AÇIK L., SOLTANZADE H.

Ancon-International Congress on Chemistry and Materials Science, 5 - 07 October 2017

V. **Syntheses, Structural Characterizations of cis and trans-Dispirocyclic ferrocenylphosphazenes**

TÜMER Y., ASMAFİLİZ N., KILIÇ Z., HÖKELEK T.

3rd international Conference on New Trends in Chemistry, 28 - 30 April 2017

VI. **Syntheses, Structural Characterizations of No Dispirocyclic Ferrocenylphosphazenes**

TÜMER Y., ASMAFİLİZ N., KILIÇ Z., HÖKELEK T.

International Congress on Applied Science and Technology (ASTECH'xx2017), 17 - 20 April 2017

VII. **Syntheses structural characterizations of new phosphazenes bearing vanillinato and pendant monoferrocenyl groups**

TÜMER Y.

The 14th InternationalSymposium on InorganicRing Systems, 27 - 31 July 2015

VIII. **Etil 4 Hidroksibenzoat ile Tamamen Süstitüe Ferrosenil Fosfozen Türevlerinin Sentezi ve Yapılarının Aydınlatılması**

TÜMER Y.

V. Ulusal Anorganik Kimya Kongresi, Turkey, 22 - 25 April 2015

Supported Projects

TÜMER Y., ÖZDEMİR S. Z. , Project Supported by Higher Education Institutions, VANİLİNATO SÜBSTİTÜE MONOSPIROFOSFAZEN BİLEŞİKLERİNİN SENTEZİ, SPEKTROSKOPİK VE TERMİK ÖZELLİKLERİNİN İNCELENMESİ, 2017 - 2020

TÜMER Y., Project Supported by Higher Education Institutions, Syntheses and spectroscopic characterizations of monocyclo-2,2'-dihydrobiphenylphosphazene bearing vanillinato groups, 2018 - 2018

TÜMER Y., TUBITAK Project, Halkalı Schiff Bazı Sübstütü Cis- Ve Trans- Dispiroferrosenilfosfazenlerin Sentezleri, Kristal Yapıları, Spektroskopik ve Stereojenik Özellikleri, Antimikrobiyal ve Sitotoksik Aktiviteleri, 2017 - 2018

TÜMER Y., Project Supported by Higher Education Institutions, 2,2'-bifenol sübstütü halkalıfosfazen türevlerinin sentezi ve yapılarının karakterizasyonu, 2017 - 2018

TÜMER Y., Project Supported by Higher Education Institutions, SYNTHESSES, STRUCTURAL CHARACTERIZATIONS OF cis- AND trans- DISPIROCYCLIC FERROCENYLPHOSPHAZENES, 2017 - 2017

TÜMER Y., Project Supported by Higher Education Institutions, Etil-4-hidroksibenzoat ile sübstütü ferrosenil fosfazen türevlerinin sentezi ve yapılarının karakterizasyonu, 2015 - 2017

TÜMER Y., Project Supported by Higher Education Institutions, Hydro/ Solvothermal Synthesis and Characterization of Novel Ni(II) Coordination Polymer Containing Flexible Pamoic Acid and Ethylenediamine, 2016 - 2016

TÜMER Y., TUBITAK Project, Vanilin Sübstütü Mono ve Bis Ferrosenilfosfazenlerin Sentezleri, Reaksiyonları, Kristal Yapıları, Spektroskopik ve Stereojenik Özellikleri, Biyolojik Aktiviteleri ve DNA ile Etkileşimlerinin Araştırılması, 2012 - 2013

Citations

Total Citations (WOS):71

h-index (WOS):4