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International Researcher IDs

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Publons / Web Of Science ResearcherID: AID-3656-2022

ScopusID: 57364243200

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Education

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, -, Turkey 2022 - Continues

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Moleküler Biyoloji (YI) (Tezli), Turkey 2019 - 2022

Undergraduate, Izmir Institute Of Technology, Faculty Of Science, Department Of Molecular Biology And Genetics (English), Turkey 2014 - 2018

Undergraduate, Inonu University, Fen-Edebiyat Fakültesi, Moleküler Biyoloji Ve Genetik, Turkey 2012 - 2014

Certificates, Courses and Trainings

Vocational Course, 27. Deney Hayvanları Uygulama ve Etik Kursu, Gazi Üniversitesi GÜDAM, 2022

Dissertations

Postgraduate, *Androctonus crassicauda* Zehirinin Apoptoz Üzerine Etkilerinin Araştırılması, Hacettepe University, Fen Bilimleri Enstitüsü, 2022

Research Areas

Health Sciences, Natural Sciences

Academic Positions

Research Assistant, Gazi University, Fen Fakültesi, Biyoloji, 2020 - Continues

Journal articles indexed in SCI, SSCI, and AHCI

1. Phosphorus-nitrogen compounds: Part 79. Design and synthesis of spiro-bino-spiro (sbs)-bis (tetraalkylaminocyclotriphosphazenes) and novel twenty-membered bis(dichlorocyclotriphosphaza)macrocycles: Structural analysis, chirality and bioactivity studies

- CEMALOĞLU R., ASMAFİLİZ N., Hökelek T., Kılıç Z., AÇIK L., SABAH B. N., Koyunoğlu D., Özbük M.
Journal of Molecular Structure, vol.1335, 2025 (SCI-Expanded)
- II. **Phosphorus-nitrogen compounds. Part 77. The synthesis of novel ferrocenyl(N/O)spiro- and 2-cis-4-dichloro-ferrocenyl(N/O)ansa-cyclotetraphosphazenes with 9-ethyl-3-carbazolyl pendant arm(s): spectral, bioactivity, electrochemical and dye-sensitized solar cell fabrication studies**
Mutlu G., YAKUT M., OKUMUŞ A., ELMAS G., BİNİCİ A., Güzel R., SABAH B. N., AÇIK L., Kılıç Z.
Phosphorus, Sulfur and Silicon and the Related Elements, 2025 (SCI-Expanded)
- III. **Phosphorus-nitrogen compounds: part 75—design, synthesis, stereogenic and conformational properties of chiral dispiro(N/N)cyclotriphosphazenes: structural analysis and photophysical and bioactivity studies**
Cemaloğlu R., Asmafiliz N., Kılıç Z., Topaloğlu Aksoy B., Sabah B. N., Açık L., Hökelek T.
Research on Chemical Intermediates, vol.50, no.6, pp.2603-2628, 2024 (SCI-Expanded)
- IV. **Phosphorus-nitrogen compounds. Part 58. Syntheses, structural characterizations and biological activities of 4-fluorobenzyl-spiro(N/O)cyclotriphosphazene derivatives**
Binici A., Elmas G., Okumuş A., Erden Tayhan S., Hökelek T., Seker B. N., Açık L., Kılıç Z.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.41, no.1, pp.298-318, 2023 (SCI-Expanded)
- V. **Phosphorus-nitrogen compounds: Part 69—Unsymmetrical dispiro(N/N)cyclotriphosphazenes containing different pendant arms: syntheses, characterization, stereogenism, photophysical and bioactivity studies**
CEMALOĞLU R., ASMAFİLİZ N., Çoşut B., Kılıç Z., SABAH B. N., AÇIK L., MERGEN H., Hökelek T.
Research on Chemical Intermediates, vol.49, 2023 (SCI-Expanded)
- VI. **Phosphorus-nitrogen compounds: part 68. Synthesis, characterization, stereogenism, photophysical and bioactivity studies of novel unsymmetrical dispiro(N,N)cyclotriphosphazenes with carbazolyl and 4-chlorobenzyl pendant arms**
CEMALOĞLU R., ASMAFİLİZ N., Kılıç Z., ÇOŞUT B., SABAH B. N., AÇIK L., Cerci N. A., HÖKELEK T.
NEW JOURNAL OF CHEMISTRY, vol.47, no.4, pp.1900-1915, 2022 (SCI-Expanded)
- VII. **Phosphorus-nitrogen compounds. Part 65. Novel diansa-spiro-cyclotetraphosphazenes: synthesis, characterization, bioactivity and electrochemical properties, and dye-sensitized solar cell fabrication studies**
Mutlu G., OKUMUŞ A., ELMAS G., Kılıç Z., GÜZEL R., SABAH B. N., AÇIK L., MERGEN H., Hökelek T.
NEW JOURNAL OF CHEMISTRY, vol.46, no.38, pp.18384-18401, 2022 (SCI-Expanded)

Papers Presented at Peer-Reviewed Scientific Conferences

- I. **Mono ve Dispiro(pirazolindiamino)siklotrifosfazener: Sentez, Yapısal Karakterizasyon, Biyolojik Aktivite Çalışmaları**
Cemaloğlu R., Asmafiliz N., Kılıç Z., Sabah B. N., Açık L.
35. ULUSAL KİMYA KONGRESİ, Diyarbakır, Turkey, 9 - 12 September 2024, pp.402
- II. **Karbazolil ve benzildiamino pendant kolları içeren (N/N)dispirosiklotrifosfazen türevlerinin sentezi: spektral, kristallografik, fotofiziksel, stereojenik özelliklerinin ve biyolojik aktivitelerinin incelenmesi**
Cemaloğlu R., Asmafiliz N., Kılıç Z., Çoşut B., Sabah B. N., Açık L.
EURASIAN BIOCHEM 2023, Ankara, Turkey, 11 - 13 October 2023, pp.298-299
- III. **Simetrik olmayan dispirosiklotrifosfazener: Sentez, spektroskopi, kristallografi ve biyolojik aktivite çalışmaları**
Cemaloğlu R., Asmafiliz N., Çoşut B., Kılıç Z., Sabah B. N., Açık L., Hökelek T.
34. Ulusal Kimya Kongresi, Yalova, Turkey, 1 September - 06 December 2022, pp.105-106

Funded Projects

AÇIK L., MERGEN H., SABAH B. N., Project Supported by Higher Education Institutions, Akrep Zehirinin Kanser Hücrelerinde Apoptoz Üzerine Etkilerinin Araştırılması, 2020 - 2023

Metrics

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