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Kişisel Bilgiler

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Uluslararası Araştırmacı ID'leri

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Publons / Web Of Science ResearcherID: H-6021-2011

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Yoksis Araştırmacı ID: 319475

Eğitim Bilgileri

Doktora, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Anabilim Dalı, Türkiye 2014 - 2019

Yüksek Lisans, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Anabilim Dalı, Türkiye 2011 - 2014

Lisans, Urmia University, Fen, kimya, İran 2004 - 2009

Yabancı Diller

İngilizce, B2 Orta Üstü

Yaptığı Tezler

Doktora, İndol-temelli potansiyel biyoaktif ve elektrolüminesans yapılarının dizayn ve sentezi, Atatürk Üniversitesi, Fen Fakültesi, Kimya, 2019

Araştırma Alanları

Sensörler, Organik Kimya, Heterosiklik Bileşikler Kimyası

Akademik Unvanlar / Görevler

Dr. Öğr. Üyesi, Atatürk Üniversitesi, Fen Fakültesi, Kimya, 2024 - Devam Ediyor

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

I. A Novel Rhodamine-Phenolphthalein Architecture for Selective Mercury Ion Detection in Aqueous Media.

Hussein A. S., Lafzi F., Bayindir S., Kilic H., Toprak M.
ChemPlusChem, 2024 (SCI-Expanded)

II. Influence of spacer and donor groups as tetraphenylethylene or triphenylamine in asymmetric zinc

phthalocyanine dyes for dye-sensitized solar cells

Gümüşöz Çelik G., Tunç G., Lafzi F., SARAÇOĞLU N., Seçkin Arslan B., Nebioğlu M., Şişman İ., Gül Gürek A.

Journal of Photochemistry and Photobiology A: Chemistry, cilt.444, 2023 (SCI-Expanded)

- III. **The thioacetal-modified phenothiazine as a novel colorimetric and fluorescent chemosensor for mercury in aqueous media**

Lafzi F., Saleh Hussein A., KILIÇ H., Bayindir S.

JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, cilt.444, 2023 (SCI-Expanded)

- IV. **Regioselective C3-H Alkylation of Imidazopyridines with Donor-Acceptor Cyclopropanes**

Dalkilic O., Turbedaroglu O., Lafzi F., Kilic H.

JOURNAL OF ORGANIC CHEMISTRY, cilt.88, sa.16, ss.11834-11846, 2023 (SCI-Expanded)

- V. **The switchable fluorescent detection of mercury, copper, and iodine in real water samples using bola-amphiphilic-tetraphenylethene**

Bayindir S., Hussein A. S., Lafzi F., Toprak M.

Journal of Molecular Liquids, cilt.382, 2023 (SCI-Expanded)

- VI. **Synthesis of Bis-tetraphenylethene as a Novel Turn-On Selective Zinc Sensor**

Hussein A. S., Lafzi F., KILIÇ H., Bayindir S.

ACS OMEGA, cilt.8, sa.28, ss.25432-25440, 2023 (SCI-Expanded)

- VII. **Acetic Acid-Catalyzed 1,6-Addition of Indolizine to para-Quinone Methides**

Lafzi F.

Asian Journal of Organic Chemistry, cilt.12, sa.7, 2023 (SCI-Expanded)

- VIII. **An AIE active fluorescence sensor for measuring Fe³⁺ in aqueous media and an iron deficiency anemia drug**

Dalkilic O., Bozkurt E., Lafzi F., Kiliç H.

ORGANIC & BIOMOLECULAR CHEMISTRY, cilt.21, sa.26, ss.5406-5412, 2023 (SCI-Expanded)

- IX. **Computational Study on Chemoselective Difunctionalization of Unactivated Alkenes with Radical-mediated Remote Functional Group Migration**

Lafzi F., Eşsiz S.

ChemPhysChem, cilt.24, sa.9, 2023 (SCI-Expanded)

- X. **The selective turn-on recognition of fluoride ions using 5-aryl-rhodanines: Colorimetric & fluorescent detection**

Saleh Hussein A., Lafzi F., Bayindir S., Toprak M.

Journal of Photochemistry and Photobiology A: Chemistry, cilt.438, 2023 (SCI-Expanded)

- XI. **Four-Winged Propeller-Shaped Indole-Modified and Indole- Substituted Tetraphenylethylenes: Greenish-Blue Emitters with Aggregation-Induced Emission Features for Conventional Organic Light-Emitting Diodes**

Lafzi F., Taşkesenligil Y., Canımkurbey B., Piravadili S., Kiliç H., Saraçoğlu N.

ACS OMEGA, cilt.7, sa.48, ss.44322-44337, 2022 (SCI-Expanded)

- XII. **Triphenylamine substituted copper and zinc phthalocyanines as alternative hole-transporting materials for solution-processed perovskite solar cells**

Celik G. G., ŞAHİN A. N., Lafzi F., SARAÇOĞLU N., ALTINDAL A., GÜREK A. G., ATILLA D.

DALTON TRANSACTIONS, cilt.51, sa.24, ss.9385-9396, 2022 (SCI-Expanded)

- XIII. **Solvent-controlled regioselective C(5)-H/N(1)-H bond alkylations of indolines and C(6)-H bond alkylations of 1,2,3,4-tetrahydroquinolines with para-quinone methides**

AKYILDIZ V., Lafzi F., KILIÇ H., SARAÇOĞLU N.

ORGANIC & BIOMOLECULAR CHEMISTRY, cilt.20, sa.17, ss.3570-3588, 2022 (SCI-Expanded)

- XIV. **Site-selective C5-H and N-H alkylation of unprotected 8-aminoquinolines**

Turbedaroglu O., Lafzi F., Kilic H.

CHEMICAL COMMUNICATIONS, cilt.58, sa.31, ss.4893-4896, 2022 (SCI-Expanded)

- XV. **Magnetically recoverable nickel-palladium alloy nanocatalysts for direct C-H arylation reactions**

ZOZİK Y., SEVİM M., Lafzi F., KILIÇ H., Metin O.

DALTON TRANSACTIONS, cilt.50, sa.47, ss.17515-17523, 2021 (SCI-Expanded)

- XVI. **Design, synthesis, antimicrobial evaluation, and molecular docking of novel chiral urea/thiourea derivatives bearing indole, benzimidazole, and benzothiazole scaffolds**
Lafzi F., Kılıç D., Yıldız M., Saracoğlu N.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1241, 2021 (SCI-Expanded)
- XVII. **Water-ratio directed selective turn-on fluorescence detection of copper and mercury in acetonitrile**
TOPRAK M., Lafzi F., BAYINDIR S.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, cilt.418, 2021 (SCI-Expanded)
- XVIII. **Metal- and Additive-Free C3-Functionalization of Imidazo[1,2-a]pyridines with para-Quinone Methides**
Lafzi F., KILIÇ H.
ASIAN JOURNAL OF ORGANIC CHEMISTRY, cilt.10, sa.7, ss.1814-1821, 2021 (SCI-Expanded)
- XIX. **The synthesis, current transformer mechanism and structural properties of novel rhodanine-based Al/Bis(Rh)-Ph/p-Si and Al/Bis(Rh)-TPE/p-Si heterojunctions**
Karabulut A., Lafzi F., BAYINDIR S., SEVGİLİ Ö., Orak I.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1231, 2021 (SCI-Expanded)
- XX. **Novel triphenylamine-connected indolinium fluorescence sensor for detection of the cyanide anion and DFT calculations**
Dalkılıç O., Lafzi F., Kılıç H., Saracoğlu N.
TETRAHEDRON LETTERS, cilt.61, sa.37, 2020 (SCI-Expanded)
- XXI. **Palladium-catalyzed regioselective C2-arylation of 5-aminoindole**
TAŞKESENLİĞİL Y., LAFZİ F., KILIÇ H., SARAÇOĞLU N.
Journal of Heterocyclic Chemistry, cilt.56, sa.12, ss.3289-3296, 2019 (SCI-Expanded)
- XXII. **Design and synthesis of novel indoline-(thio)urea hybrids**
LAFZİ F., KILIÇ H., Tanrıverdi G., Avci O. N., Çatak S., SARAÇOĞLU N.
SYNTHETIC COMMUNICATIONS, cilt.49, sa.24, ss.3510-3527, 2019 (SCI-Expanded)
- XXIII. **Protocols for the Syntheses of 2,2'-Bis(indolyl)arylmethanes, 2-Benzylated Indoles, and 5,7-Dihydroindolo[2,3-b]carbazoles**
Lafzi F., Kılıç H., Saracoğlu N.
JOURNAL OF ORGANIC CHEMISTRY, cilt.84, sa.18, ss.12120-12130, 2019 (SCI-Expanded)
- XXIV. **The synthesis of new bola-amphiphile TPEs and the comparison of current transformer mechanism and structural properties for Al/Bis(HCTA)-TPE/p-Si and Al/Bis(HCOA)-TPE/p-Si heterojunctions**
SEVGİLİ Ö., Lafzi F., KARABULUT A., Orak I., BAYINDIR S.
COMPOSITES PART B-ENGINEERING, cilt.172, ss.226-233, 2019 (SCI-Expanded)
- XXV. **A simple oxindole-based colorimetric HSO₄⁻ sensor: Naked-eye detection and spectroscopic analysis**
BAYINDIR S., Lafzi F.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, cilt.376, ss.146-154, 2019 (SCI-Expanded)
- XXVI. **Bis(indolyl)methane substituted tetraphenylethylene derivatives as AIE active materials**
Lafzi F., Kılıç H., Ertugrul B., Arık M., Saracoğlu N.
JOURNAL OF LUMINESCENCE, cilt.208, ss.174-182, 2019 (SCI-Expanded)
- XXVII. **Access to C5-Alkylated Indolines/Indoles via Michael-Type Friedel-Crafts Alkylation Using Aryl-Nitroolefins**
ERTUGRUL B., KILIÇ H., LAFZİ F., SARAÇOĞLU N.
JOURNAL OF ORGANIC CHEMISTRY, sa.16, ss.9018-9038, 2018 (SCI-Expanded)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Regioselective Mechanochemical C5-H Alkylation of Coumaran and C6-H Alkylation of Chromane**
KILIÇ H., Atış S., LAFZİ F.
19th Asian Chemical Congress, 9 - 14 Temmuz 2023
- II. **Design and Synthesis of Phenolphthalein-Based Sensor Candidates and Investigation of Their Sensor**

Properties

Hussein A. S., LAFZİ F., BAYINDIR S., KILIÇ H., TOPRAK M.

19th Asian Chemical Congress, 9 - 14 Temmuz 2023

- III. Triphenylamine substituted copper and zinc phthalocyanines as alternative hole-transporting materials for solution-processed perovskite solar cells**

GÜMÜŞGÖZ ÇELİK G., ŞAHİN A. N., LAFZİ F., SARAÇOĞLU N., ALTINDAL A., GÜREK A. G., ATILLA D.

International Conference on Porphyrins and Phthalocyanines (ICPP-12), Madrid, İspanya, 10 Temmuz 2022, ss.279

- IV. Regioselective and Chemoselective Alkylation of 8-Aminoquinolines using para-Quinone Methides**

Turbedaroglu O., LAFZİ F., KILIÇ H.

10th Drug Chemistry Conference, 10 - 14 Mart 2022

- V. Synthesis of C6-Alkylated Tetrahydroquinolines and Quinolines using Donor-Acceptor Cyclopropanes**

Taşkin H., Turbedaroglu O., LAFZİ F., KILIÇ H.

10th Drug Chemistry Conference, 10 - 13 Mart 2022

- VI. C3-Alkylation of Imidazo[1,2-a]pyridines with Donor-Acceptor Cyclopropanes**

Turbedaroglu O., Dalkılıç O., LAFZİ F., KILIÇ H.

9th Drug Chemistry Conference, 8 - 11 Nisan 2021

- VII. Indole-Based Aggregation-Induced Emissive Luminogens**

Lafzi F., Taşkesenligil Y., KILIÇ H., SARAÇOĞLU N.

ISTANBUL INTERNATIONAL ORGANIC ELECTRONICSYMPOSIUM, 2 - 04 Eylül 2019

- VIII. Antimicrobial Screen, Molecular Modelling and ADME Prediction of Some New Urea/Thiourea Derivatives**

KILIÇ D., Yıldız M., LAFZİ F., KILIÇ H., SARAÇOĞLU N.

1st Eurasia Biochemical Approaches Technologies (Ebat) Congress, 27 - 30 Ekim 2018

- IX. Synthesis and Photophysical Properties of Triphenylvinyl Substituted Indoles**

Taskesenligil Y., LAFZİ F., KILIÇ H., Ertuğrul B., SARAÇOĞLU N.

4th Organic Chemistry Congress, 4 - 08 Ekim 2018

- X. Synthesis of Indoles Analogues of Tetraphenylethylene as a Potential AIE-Luminogen**

LAFZİ F., Taskesenligil Y., KILIÇ H., Ertuğrul B., SARAÇOĞLU N.

4th Organic Chemistry Congress, 4 - 08 Ekim 2018

- XI. Pd(II)-Catalyzed C-H Arylation of 5-Aminoindole**

Taskesenligil Y., LAFZİ F., KILIÇ H., SARAÇOĞLU N.

6. İlaç Kimyası: İlaç Etkin MaddesiTasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, 22 - 25 Mart 2018

- XII. Synthesis of Novel Bisindolylmethane-Tetraphenylethylene Hybrids**

LAFZİ F., Ertuğrul B., KILIÇ H., SARAÇOĞLU N.

6. İlaç Kimyası: İlaç Etkin MaddesiTasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, 22 - 25 Mart 2018

- XIII. C5-Alkillenmiş İndolin ve İndol Türevlerinin Selektif Sentezi**

Ertuğrul B., KILIÇ H., LAFZİ F., SARAÇOĞLU N.

29. Ulusal Kimya Kongresi, 10 - 14 Ekim 2017

- XIV. (Thio)urea Derivatives Enhance Wound Closure by Increasing CellProliferation: Synthesis and In Vitro Evaluation**

KILIÇ D., LAFZİ F., KILIÇ H., SARAÇOĞLU N.

3 rd International Multidisciplinary Symposium on Drug Research and Development – DRD, 5 - 07 Ekim 2017

- XV. Yeni Silodosin Ara Ürünlerinin Sentezi**

Ertuğrul B., LAFZİ F., KILIÇ H., SARAÇOĞLU N.

5. İlaç Kimyası: İlaç Etkin MaddesiTasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, 30 Mart - 02 Nisan 2017

- XVI. Novel Synthesis of 2 2 Bis Indolyl methane derivatives and Investigation of Their Anion Sensor Properties**

LAFZİ F., KILIÇ H., SARAÇOĞLU N.

2 nd Anatolian Conference on synthetic Organic Chemistry, 21 - 24 Mart 2016

- XVII. The straightforward synthesis of C-5-substitued indolines/indoles and the preparation of new**

silodosin intermediates

Ertuğrul B., KILIÇ H., LAFZİ F., SARAÇOĞLU N.

Trans Mediterranean Colloquium on Heterocyclic Chemistry (TRAMECH VIII), 11 - 15 Kasım 2015

- XVIII. **A Regioselective Approach for Functionalization of Indolines/Indoles at the 5-Position**

KILIÇ H., Ertuğrul B., LAFZİ F., SARAÇOĞLU N.

ITWCCST: 1st International Turkic World Conference on Chemical Sciences and Technologies, 27 Ekim - 01 Kasım 2015

- XIX. **Design and Synthesis of Novel Indole/Indoline-Based Chiral (Thio)urea Derivatives and Their Application in Asymmetric Conjugate Addition**

LAFZİ F., KILIÇ H., SARAÇOĞLU N.

13th Ibn Sina International Conference on Pure and Applied Heterocyclic Chemistry, 14 - 17 Şubat 2015

- XX. **Benzimidazol ve Benzotiyazol Temelli Üre/Tiyoüre Türevlerinin Sentezi ve Asimetrik Konjuge Katılmalarında Organik Katalizör Aktivitelerinin İncelenmesi**

LAFZİ F., KILIÇ H., SARAÇOĞLU N.

2. Ulusal Organik Kimya Kongresi, 24 - 26 Eylül 2014

- XXI. **Yeni İndolin-İndol Esaslı Organokatalizörler ve Enantiyoselektif Michael Katılma Reaksiyonunda Onların Uygulamaları**

LAFZİ F., KILIÇ H., SARAÇOĞLU N.

2. Ulusal Organik Kimya Kongresi, 24 - 26 Eylül 2014

- XXII. **İndol ve İndolin Temelli Kiral Üre/Tiyoüre Türevlerinin Sentezi ve Asimetrik Konjuge Katılmalarında Organik Katalizör Aktivitelerinin İncelenmesi**

LAFZİ F., KILIÇ H., SARAÇOĞLU N.

5. Ulusal Kataliz Kongresi, 23 - 26 Nisan 2014

Desteklenen Projeler

Lafzi F., Kılıç H., TÜBİTAK Projesi, Zwitteriyonik Yapıların Azadien ve orto-Kinonmetitler ile Siklizasyonu, 2023 - 2026

Lafzi F., TÜBİTAK Projesi, İndolizin Türevlerinin Fotoredoks Katalizli C-H Arilasyonu, 2022 - 2024

Metrikler

Yayın: 49

Atıf (WoS): 192

Atıf (Scopus): 208

H-İndeks (WoS): 9

H-İndeks (Scopus): 10