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Kişisel Bilgiler

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

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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 yapıların 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

- 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, cilt.89, sa.5, 2024 (SCI-Expanded)
- Rapid synthesis of azoindolizine derivatives via aryldiazonium salts**

LAFZİ F.

TURKISH JOURNAL OF CHEMISTRY, sa.3, 2024 (SCI-Expanded)

- III. **Influence of spacer and donor groups as tetraphenylethylene or triphenylamine in asymmetric zinc phthalocyanine dyes for dye-sensitized solar cells**
Gümüşgöz 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)
- IV. **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)
- V. **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)
- VI. **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)
- VII. **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)
- VIII. **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)
- IX. **An AIE active fluorescence sensor for measuring Fe³⁺ in aqueous media and an iron deficiency anemia drug**
Dalkilic O., Bozkurt E., Lafzi F., Kılıç H.
ORGANIC & BIOMOLECULAR CHEMISTRY, cilt.21, sa.26, ss.5406-5412, 2023 (SCI-Expanded)
- X. **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)
- XI. **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)
- XII. **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., Canımkuurbey B., Piravadili S., Kılıç H., Saraçoğlu N.
ACS OMEGA, cilt.7, sa.48, ss.44322-44337, 2022 (SCI-Expanded)
- XIII. **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)
- XIV. **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)
- XV. **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)

- XVI. **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)
- XVII. **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., Saraçoğlu N.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1241, 2021 (SCI-Expanded)
- XVIII. **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)
- XIX. **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)
- XX. **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)
- XXI. **Novel triphenylamine-connected indolinium fluorescence sensor for detection of the cyanide anion and DFT calculations**
Dalkılıç O., Lafzi F., Kılıç H., Saraçoğlu N.
TETRAHEDRON LETTERS, cilt.61, sa.37, 2020 (SCI-Expanded)
- XXII. **Palladium-catalyzed regioselective C2-arylation of 5-aminoindole**
TAŞKESEN LİGİL Y., LAFZİ F., KILIÇ H., SARAÇOĞLU N.
Journal of Heterocyclic Chemistry, cilt.56, sa.12, ss.3289-3296, 2019 (SCI-Expanded)
- XXIII. **Design and synthesis of novel indoline-(thio)urea hybrids**
LAFZİ F., KILIÇ H., Tanriver G., Avci O. N., Catak S., SARAÇOĞLU N.
SYNTHETIC COMMUNICATIONS, cilt.49, sa.24, ss.3510-3527, 2019 (SCI-Expanded)
- XXIV. **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., Saraçoğlu N.
JOURNAL OF ORGANIC CHEMISTRY, cilt.84, sa.18, ss.12120-12130, 2019 (SCI-Expanded)
- XXV. **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)
- XXVI. **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)
- XXVII. **Bis(indolyl)methane substituted tetraphenylethylene derivatives as AIE active materials**
Lafzi F., Kılıç H., Ertugrul B., Arık M., Saraçoğlu N.
JOURNAL OF LUMINESCENCE, cilt.208, ss.174-182, 2019 (SCI-Expanded)
- XXVIII. **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., Atis 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**
Taşkın 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., Dalkilic 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 ELECTRONICS SYMPOSIUM, 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 Maddesi Tasarımı, 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 Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, 22 - 25 Mart 2018
- XIII. **C5-Alkilenmiş 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 Cell Proliferation: 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 Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, 30 Mart - 02 Nisan 2017
- XVI. **Novel Synthesis of 2,2-Bisindolyl 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 Katılımlarda 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 Katılımlarda 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: 50

Atıf (WoS): 203

Atıf (Scopus): 239

H-İndeks (WoS): 9

H-İndeks (Scopus): 10