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Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, University of Maryland, College Park, Department Of Chemistry And Biochemistry, Amerika Birleşik Devletleri
1989 - 1994

Yüksek Lisans, Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Kimya Bölümü, Türkiye 1985 - 1988

Lisans, Atatürk Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, Türkiye 1980 - 1985

Yaptığı Tezler

Doktora, Development of new methodologies for the synthesis of cyclopentenediones and cycloheptadienones by Fischer carbene complexes, University Of Maryland, College Park, Department Of Chemistry And Biochemistry, 1994

Yüksek Lisans, The synthesis and condensation reactions of norbornene-5,6-dicarbonyl compounds, Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Kimya Bölümü, 1988

Araştırma Alanları

Kimya, Organik Kimya, Heterosiklik Bileşikler Kimyası, Temel Bilimler

Akademik Unvanlar / Görevler

Prof. Dr., Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Kimya Bölümü, 2006 - Devam Ediyor

Doç. Dr., Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Kimya Bölümü, 2000 - 2006

Yrd. Doç. Dr., Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Kimya Bölümü, 1994 - 2000

Araştırma Görevlisi, University of Maryland, College Park, Chemical And Life Sciences, Department Of Chemistry And Biochemistry, 1989 - 1994

Araştırma Görevlisi, Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Kimya Bölümü, 1986 - 1994

Akademik İdari Deneyim

Fakülte Kurulu Üyesi, Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Kimya Bölümü, 2018 - 2021

Staj Koordinatörü, Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Kimya Bölümü, 1995 - 2021

Fakülte Kurulu Üyesi, Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Kimya Bölümü, 2015 - 2018
Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Kimya Bölümü, 2006 - 2010

Yönetilen Tezler

- ZORA M., Synthesis of spiro-pyrrolopyridazines, Yüksek Lisans, B.AYŞEN(Öğrenci), 2021
- Zora M., Synthesis of new pyrrole derivatives from n-propargylic β -enaminones, Yüksek Lisans, N.KANOVA(Öğrenci), 2020
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- ZORA M., Synthesis of pyrroloquinoxalino-fused benzoxazepines and ester-containing iodopyridines, Yüksek Lisans, N.ESRA(Öğrenci), 2013
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- ZORA M., Synthesis of 4-phenylselenyl-1H-pyrazoles by electrophilic cyclization, Yüksek Lisans, D.DEMİRCİ(Öğrenci), 2011
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Jüri Üyelikleri

Akademik Kadroya Atama-Doçentlik, Akademik Kadroya Atama-Doçentlik, Muğla Sıtkı Koçman Üniversitesi, Eylül, 2022

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **InCl₃-Catalyzed One-Pot Synthesis of Pyrrolo/Indolo- and Benzooxazepino-Fused Quinoxalines**
Aksakal N. E., ZORA M.
ACS Omega, cilt.9, sa.30, ss.33251-33260, 2024 (SCI-Expanded)
- II. **Evaluation of Novel Spiro-pyrrolopyridazine Derivatives as Anticancer Compounds: In Vitro Selective Cytotoxicity, Induction of Apoptosis, EGFR Inhibitory Activity, and Molecular Docking Analysis**
Atmaca H., İlhan S., Çamlı Pulat Ç., DÜNDAR B. A., ZORA M.
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Chemistry and Biodiversity, cilt.20, sa.11, 2023 (SCI-Expanded)
- IV. **N-Propargylic β -enaminones in breast cancer cells: Cytotoxicity, apoptosis, and cell cycle analyses**
İlhan S., Atmaca H., Yılmaz E. S., Korkmaz E., Zora M.
Journal of Biochemical and Molecular Toxicology, cilt.37, sa.4, 2023 (SCI-Expanded)
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Atmaca H., İlhan S., Korkmaz E., Zora M.
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- VI. **A facile synthesis of a novel family of heterotricyclic hybrids: Spiro-pyrrolopyridazines**
DÜNDAR B. A., ZORA M.
SYNTHETIC COMMUNICATIONS, cilt.52, sa.3, ss.356-367, 2022 (SCI-Expanded)
- VII. **4-Propargyl-substituted 1H-pyrroles induce apoptosis and autophagy via extracellular signal-regulated signaling pathway in breast cancer**
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- VIII. **One-Pot Synthesis of 2-Acetyl-1 H-pyrroles from N-Propargylic β -Enaminones via Intermediacy of 1,4-Oxazepines**
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- IX. **A facile one-pot synthesis of 2-(prop-2-yn-1-ylidene)-2,3-dihydro-1,4-thiazepines**
YILMAZ E. S., ZORA M.
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- X. **A new approach for the synthesis of spiro and gem-dimethyl-substituted 1,4-oxazepines from N-**

propargylic beta-enaminones

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- XI. **A facile synthesis of 6-[(4-nitrophenyl)thio]-substituted 2-methylene-2,3-dihydro-1,4-oxazepines from N-propargylic beta-enaminones**
KELGÖKMEN Y., KORKMAZ E., ZORA M.
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- XII. **A facile synthesis of 6-chloro-2-methylene-2,3-dihydro-1,4-oxazepines from N-propargylic beta-enaminones**
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- XIII. **Synthesis of 3-[(4-Nitrophenyl)thio]-Substituted 4-Methylene-1-pyrrolines from N-Propargylic beta-Enaminones**
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- XIV. **A New Strategy for the Synthesis of 4-Propargyl-Substituted 1H-Pyrroles from N-(5-phenyl-2,4-pentadiynyl) beta-Enaminones**
Yilmaz E. S., Zora M.
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- XV. **One-Pot Synthesis of Spiro-2H-pyrroles from N-Propargylic beta-Enaminones**
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- XVI. **Synthesis of 1-Azaspiro[4.5]deca-1,3-dienes from N-Propargylic beta-Enaminones in Basic Medium**
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- XVII. **A new strategy for the synthesis of pyridines from N-propargylic beta-enaminothiones**
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- XVIII. **Synthesis of 1,4-Thiazepines**
Kelgokmen Y., Zora M.
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- XIX. **One-pot synthesis of iodine-substituted 1,4-oxazepines**
ZORA M., DİKMEN E., KELGÖKMEN Y.
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- XX. **Y Zinc Chloride Mediated Synthesis of 1,4-Oxazepines from N-Propargylic -Enaminones**
Kelgokmen Y., Çayan Y., Zora M.
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- XXI. **Novel ferrocenyl pyrazoles inhibit breast cancer cell viability via induction of apoptosis and inhibition of PI3K/Akt and ERK1/2 signaling**
Atmaca H., Ozkan A. N., ZORA M.
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- XXII. **One-pot synthesis of 2-ferrocenyl-substituted pyridines**
KARADENİZ E., ZORA M.
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- XXIII. **Facile synthesis of alkynyl-, aryl- and ferrocenyl-substituted pyrazoles via Sonogashira and Suzuki-Miyaura approaches**
KARABIYIKOĞLU S., ZORA M.
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- XXIV. **One-pot synthesis of 4-(phenylselanyl)-substituted pyrazoles**
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- XXVI. **Facile synthesis of aryl-substituted pyridines via Suzuki-Miyaura approach**
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- XXVII. **Facile synthesis of iodopyridines from N-propargylic beta-enaminones via iodine-mediated electrophilic cyclization**
KARABIYIKOĞLU S., Kelgokmen Y., ZORA M.
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- XXVIII. **Electrochemical polymerization of a new low-voltage oxidized thienylenepyrrole-derivative and its electrochromic device application**
Carbas B. B., KIVRAK A., TEKE E., ZORA M., ÖNAL A. M.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, cilt.729, ss.15-20, 2014 (SCI-Expanded)
- XXIX. **A novel one-pot synthesis of ferrocenyl-substituted 1,2,4-oxadiazoles**
ZORA M., KIVRAK A., Kelgokmen Y.
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- XXX. **A novel synthesis of 1,2,4-oxadiazoles and isoxazoles**
KIVRAK A., ZORA M.
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- XXXI. **Synthesis and electropolymerization of an ion sensing and fluorescent fluorene derivative bearing a quinoxaline moiety and its analogues with different donor units**
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- XXXIII. **Synthesis of Pyrazoles via CuI-Mediated Electrophilic Cyclizations of alpha,beta-Alkynic Hydrazones**
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- XXXIV. **Synthesis of Pyrazoles via Electrophilic Cyclization**
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- XXXVI. **One-pot synthesis of ferrocenyl substituted 1,2,4-oxadiazoles as potential antitumor substances**
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- XXXVII. **ORGN 134-Synthesis of 4-alkynylpyrazoles via Sonogashira coupling of 4-iodopyrazoles with terminal acetylenes**
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- XXXVIII. **ORGN 236-Synthesis of pyrazoles via electrophilic cyclization of hydrazones of alkynals and alkynones**
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- XXXIX. **Synthesis of ferrocenyl quinolines**
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- JOURNAL OF ORGANOMETALLIC CHEMISTRY, cilt.693, sa.12, ss.2159-2162, 2008 (SCI-Expanded)
- XL. **Synthesis of ferrocenyl pyrazoles by the reaction of 3-ferrocenylpropynal with hydrazinium salts**
ZORA M., PINAR A. N., Odabasoglu M., Bueyuekguengoer O., Turgut G.
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- XLI. **Synthesis of ferrocenyl pyrazoles by the reaction of (2-formyl-1-chlorovinyl)ferrocene with hydrazines**
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- XLII. **Coupling of cyclopropylcarbene-chromium complex with ferrocenyl alkynes: synthesis of 5-ferrocenyl-5-hydroxy-2-cyclopentenones and 4-ferrocenyl-4-cyclopentene-1,3-diones**
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- XLIII. **Efficient one-pot synthesis of cyanoferrocene from ferrocenecarboxaldehyde using NH₂OH center dot HCl/KI/ZnO/CH₃CN system**
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- XLIV. **Coupling of pentacarbonyl[(cyclopropyl)methoxymethylene]molybdenum complex with ferrocenylalkynes: Synthesis of ferrocenyl-substituted cycloheptadienones and cycloheptenediones**
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- XLV. **Synthesis of 2-ferrocenylidene-4-cyclopentene-1,3-diones**
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- XLVI. **Propynylferrocene and (phenylethynyl)ferrocene**
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- XLVII. **2-pyridiniohydrazinium dichloride**
Zora M., Turgut G., Odabasoglu M., Buyukgungor O.
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- XLVIII. **A comparison of the Cope rearrangements of cis-1,2-divinyleyelopropane, cis-2,3-divinylaziridine, cis-2,3-divinyloxirane, cis-2,3-divinylphosphirane, and cis-2,3-divinylthiirane: A DFT study**
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- XLIX. **(2-Hydroxyethyl)hydraziniurn(2+) dichloride**
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- L. **NICS evaluation for Cope rearrangements of cis-1,2-divinylcyclopropane and cis-1,2-divinylcyclobutane**
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- LI. **Transition structures, energetics, and nucleus-independent chemical shifts for 6 pi electrocyclizations of dienylketenes to cyclohexadienones: A DFT study**
Zora M.
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- LII. **Transition structures, energetics, and nucleus-independent chemical shifts for divinylcyclobutene-to-cyclooctatriene rearrangement: A DFT study**
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- LIII. **Transition structures, energetics, and secondary kinetic isotope effects for cope rearrangements of cis-1,2-divinylcyclobutane and cis-1,2-divinylcyclopropane: A DFT study**
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- LIV. **Nucleus-independent chemical shift evaluation for benzo- and dibenzo-fused pyrrole, furan and thiophene derivatives**
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- LVI. **Transition structures and energetics for the Cope rearrangement of cis-1,2-divinylcyclobutane: an ab initio study**
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- LVIII. **A theoretical study of the cycloaddition between cyclopentadiene and allylideneammonium cation: An AM1 study**
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Kongre ve Sempozyum Katılımı Faaliyetleri

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