

Assoc. Prof. MEHMET GÜMÜŞ

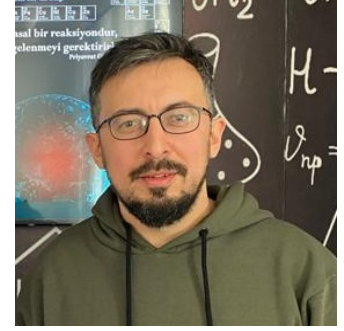
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Address: Fen-Edebiyat Fakültesi Organik Kimya Araştırma Laboratuvarı



International Researcher IDs

ScholarID: _CiQZBAAAAJ

ORCID: 0000-0001-9262-7940

Publons / Web Of Science ResearcherID: Y-7359-2018

ScopusID: 55888174100

Yoksis Researcher ID: 55518

Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Turkey 2009 - 2016

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Turkey 2004 - 2007

Undergraduate, Gazi University, Turkey 2000 - 2004

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Antikanser aktivite göstermesi beklenen tiyazol halkası içeren ikili heterosiklik bileşiklerin sentezi ve yapılarının aydınlatılması, Gazi University, Fen Bilimleri Enstitüsü, Kimya (Dr), 2016

Postgraduate, Alüminyum yüzeyler için antikorozyf boya ve kaplama şekillerinin geliştirilmesi ve kaplama altı korozyon davranışlarının elektrokimyasal yoldan incelenmesi, Gazi University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), 2007

Research Areas

Organic Chemistry, Chemistry of Aromatic Compounds, Chemistry of Heterocyclic Compounds, Organic Reaction Mechanisms, Organic Spectroscopy

Academic Titles / Tasks

Assistant Professor, Yozgat Bozok University, Akdağmadeni Sağlık Yüksekokulu, İş Sağlığı ve Güvenliği, 2016 - 2018

Expert, Yozgat Bozok University, Fen-Edebiyat Fakültesi, Kimya, 2010 - 2016

Academic and Administrative Experience

Assistant Manager of Research and Application Center, Yozgat Bozok University, Bilim ve Teknoloji Uygulama ve Araştırma Merkezi, 2024 - Continues

Head of Department, Yozgat Bozok University, Akdağmadeni Sağlık Yüksekokulu, İş Sağlığı ve Güvenliği, 2022 - 2022

Head of Department, Yozgat Bozok University, Akdağmadeni Sağlık Yüksekokulu, Ebelik, 2020 - 2021

Director Of Junior College, Yozgat Bozok University, Akdağmadeni Sağlık Yüksekokulu, İş Sağlığı ve Güvenliği, 2018 - 2021

Deputy Director of Junior College, Yozgat Bozok University, Akdağmadeni Sağlık Yüksekokulu, İş Sağlığı ve Güvenliği, 2017 - 2018

Head of Department, Yozgat Bozok University, Akdağmadeni Sağlık Yüksekokulu, İş Sağlığı ve Güvenliği, 2016 - 2018

Courses

Ergonomics, Undergraduate, 2023 - 2024

Use of Work Equipment and Maintenance and Repair, Undergraduate, 2022 - 2023

Environmental Health and Waste Management, Undergraduate, 2021 - 2022

Bitirme Projesi, Undergraduate, 2021 - 2022

Psychosocial Risk Factors, Undergraduate, 2021 - 2022

Business law, Undergraduate, 2022 - 2023

Toksikoloji, Undergraduate, 2019 - 2020, 2017 - 2018

Metal İşlerinde İSG, Undergraduate, 2019 - 2020, 2018 - 2019

Mesleki Yabancı Dil-I, Undergraduate, 2019 - 2020, 2018 - 2019

Kimyada Teknolojiler, Undergraduate, 2019 - 2020, 2017 - 2018

Çalışma Ortamında Kimyasal Etkenler, Undergraduate, 2019 - 2020, 2018 - 2019

Temel Kimya, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018

Patlayıcı Ortamlar ve Tehlikeleri, Undergraduate, 2018 - 2019

İşaret Levhaları Standartları ve Tasarımı, Undergraduate, 2018 - 2019

Kişisel Koruyucu Donanımlar, Undergraduate, 2018 - 2019

Büyük Endüstriyel Kazaları Önleme, Undergraduate, 2018 - 2019

Mesleki Yabancı Dil-II, Undergraduate, 2018 - 2019

Temel Organik Kimya, Undergraduate, 2018 - 2019

Aromatik Bileşikler, Undergraduate, 2018 - 2019

Tehlikeli Madde ve Atık Yönetimi, Undergraduate, 2018 - 2019

Tıbbi Biyokimya, Undergraduate, 2018 - 2019, 2017 - 2018

Radyasyonda çalışmalarda İSG, Undergraduate, 2018 - 2019

Temiz Enerji Kaynakları, Undergraduate, 2017 - 2018

Laboratuvar Güvenliği, Undergraduate, 2017 - 2018

İŞ SAĞLIĞI VE GÜVENLİĞİNE GİRİŞ-I, Undergraduate, 2017 - 2018

İş Sağlığı ve Güvenliğine Giriş-II, Undergraduate, 2017 - 2018

İş Kazaları, Undergraduate, 2017 - 2018

Ergonomi, Undergraduate, 2017 - 2018

İş Sağlığı ve Güvenliği Mevzuatı, Undergraduate, 2017 - 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Deciphering the Biophysical Properties of Ion Channel Gating Pores by Coumarin–Benzodiazepine Hybrid Derivatives: Selective AMPA Receptor Antagonists**
Qneibi M., Hawash M., Gümüş M., Çapan İ., Sert Y., Bdir S., Koca İ., Bdair M.
Molecular Neurobiology, vol.61, no.7, pp.4565-4576, 2024 (SCI-Expanded)
- II. Hsp Inhibitor is Affective Against Adenocarcinomic Human Alveolar Basal Epithelial Cells Through**

Modulating ERK/MAPK Signaling Pathway

Tunoğlu S., Tutar L., GÜMÜŞ M., Tunoğlu E. N. Y., KOCA İ., Tutar Y.
Chemistry and Biodiversity, vol.21, no.2, 2024 (SCI-Expanded)

- III. **Triad pyrazole-thiazole-coumarin heterocyclic core effectively inhibit HSP and drive cancer cells to apoptosis**
Gümüş M., Koca İ., Sert Y., Dişli A., Yenilmez Tunoğlu E. N., Tutar L., Tutar Y.
Journal of Biomolecular Structure and Dynamics, vol.41, no.23, pp.14382-14397, 2023 (SCI-Expanded)
- IV. **Utilization of pyrazole-perimidine hybrids bearing different substituents as corrosion inhibitors for 304 stainless steel in acidic media**
Uğus O., GÜMÜŞ M., SERT Y., KOCA İ., KOCA A.
JOURNAL OF MOLECULAR STRUCTURE, vol.1262, 2022 (SCI-Expanded)
- V. **Discovery of sulfadruug-pyrrole conjugates as carbonic anhydrase and acetylcholinesterase inhibitors**
Gümüş M., Babacan S. N., Demir Y., Sert Y., Koca İ., Gülçin İ.
ARCHIV DER PHARMAZIE, vol.355, no.1, 2022 (SCI-Expanded)
- VI. **Synthesis, dielectric properties, molecular docking and ADME studies of pyrrole-3-ones**
ÇAPAN İ., GÜMÜŞ M., GÖKCE H., ÇETİN H., SERT Y., KOCA İ.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.40, no.19, pp.8655-8671, 2022 (SCI-Expanded)
- VII. **Synthesis and characterization of novel hybrid compounds containing coumarin and benzodiazepine rings based on dye**
GÜMÜŞ M.
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.58, no.10, pp.1943-1954, 2021 (SCI-Expanded)
- VIII. **Designing specific hsp70 substrate binding domain inhibitor for perturbing protein folding pathways to inhibit cancer mechanism**
Coskun K. A., KOCA İ., GÜMÜŞ M., TUTAR Y.
Anti-Cancer Agents in Medicinal Chemistry, vol.21, no.11, pp.1472-1480, 2021 (SCI-Expanded)
- IX. **Enamines and Dimethylamino Imines as Building Blocks in Heterocyclic Synthesis: Reactions of DMF-DMA Reagent with Different Functional Groups**
GÜMÜŞ M., KOCA İ.
CHEMISTRYSELECT, vol.5, no.40, pp.12377-12397, 2020 (SCI-Expanded)
- X. **Design, Synthesis and Cytotoxic Activities of Pyrazole-Perimidine Hybrids**
GÜMÜŞ M., Gumus N., EROĞLU H. E., KOCA İ.
CHEMISTRYSELECT, vol.5, no.20, pp.5916-5921, 2020 (SCI-Expanded)
- XI. **A new series of sulfa drugs containing pyrazolyl acylthiourea moiety: Synthesis, experimental and theoretical spectral characterization and molecular docking studies**
KOCA İ., Yigitcan S., GÜMÜŞ M., GÖKCE H., SERT Y.
JOURNAL OF MOLECULAR STRUCTURE, vol.1204, 2020 (SCI-Expanded)
- XII. **Recent advances of thiazole hybrids in biological applications**
Gümüş M., Yakan M., Koca İ.
FUTURE MEDICINAL CHEMISTRY, vol.11, no.15, pp.1979-1998, 2019 (SCI-Expanded)
- XIII. **Synthesis, Experimental and Theoretical Characterization of Novel Pyrimidine-5-Carboxamides**
GÜMÜŞ M., SERT Y., Yalkin A., GÖKCE H., KOCA İ.
CHEMISTRYSELECT, vol.4, no.16, pp.4695-4708, 2019 (SCI-Expanded)
- XIV. **Molecular docking, Hirshfeld surface, structural, spectroscopic, electronic, NLO and thermodynamic analyses on novel hybrid compounds containing pyrazole and coumarin cores**
SERT Y., GÜMÜŞ M., GÖKCE H., KANI İ., KOCA İ.
JOURNAL OF MOLECULAR STRUCTURE, vol.1171, pp.850-866, 2018 (SCI-Expanded)
- XV. **Spectroscopic (FT-IR, Laser-Raman and NMR) and conformational analysis on novel pyrazole beta-keto ester compound**
GÜMÜŞ M., SERT Y., Ozdemir S., GÖKCE H., KANI İ., KOCA İ.
JOURNAL OF MOLECULAR STRUCTURE, vol.1167, pp.280-293, 2018 (SCI-Expanded)

- XVI. **Spectroscopic investigation of 2-(4-benzoyl-1,5-diphenyl-1H-pyrazol-3-yl)-4H-naphtho[2,3-d][1,3]oxazin-4-one molecule**
SERT Y., GÜMÜŞ M., Kamaci V., GÖKCE H., KANI İ., KOCA İ.
JOURNAL OF THEORETICAL & COMPUTATIONAL CHEMISTRY, vol.16, no.5, 2017 (SCI-Expanded)
- XVII. **Design and synthesis of pyrimidinyl acyl thioureas as novel Hsp90 inhibitors in invasive ductal breast cancer and its bone metastasis**
KOCA İ., Ozgur A., Er M., GÜMÜŞ M., Coskun K. A., TUTAR Y.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.122, pp.280-290, 2016 (SCI-Expanded)
- XVIII. **Design, Synthesis, and Evaluation of Heat Shock Protein 90 Inhibitors in Human Breast Cancer and Its Metastasis**
GÜMÜŞ M., Ozgur A., Tutar L., DIŞLİ A., KOCA İ., TUTAR Y.
CURRENT PHARMACEUTICAL BIOTECHNOLOGY, vol.17, no.14, pp.1231-1245, 2016 (SCI-Expanded)
- XIX. **ONE-POT SYNTHESIS OF PYRAZOLE RING ATTACHED NOVEL THIOSEMICARBAZONE DERIVATIVES**
Koca İ., Gümüş M., Gokbas L., Er M.
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.190, no.9, pp.1489-1497, 2015 (SCI-Expanded)
- XX. **A Novel Approach to Inhibit Heat Shock Response as Anticancer Strategy by Coumarine Compounds Containing Thiazole Skeleton**
KOCA İ., GÜMÜŞ M., Ozgur A., DIŞLİ A., TUTAR Y.
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.15, no.7, pp.916-930, 2015 (SCI-Expanded)
- XXI. **Synthesis, spectroscopic and theoretical studies of ethyl (2E)-3-amino-2-(((4-benzoyl-1,5-diphenyl-1H-pyrazol-3-yl)carbonyl)amino)carbonothioyl)but-2-enoate butanol solvate**
KOCA İ., SERT Y., GÜMÜŞ M., KANI İ., ÇIRAK Ç.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.118, pp.816-827, 2014 (SCI-Expanded)

Articles Published in Other Journals

- I. **Synthesis of novel salicylic acid-pyrrolone conjugates and investigation of their cytotoxic and genotoxic effects in Allium cepa root tip cells**
GÜMÜŞ M., CAN S., EROĞLU H. E., KOCA İ.
Organic Communications, vol.14, no.3, pp.280-293, 2021 (ESCI)
- II. **Cytotoxic and Genotoxic Effects of Sulfonamide-Aldehyde Derivative in Allium cepa Root Tip Cells**
EROĞLU H. E., Gümüş N., GÜMÜŞ M., Yağcı E., KOCA İ.
Düzce University Journal of Science & Technology, vol.9, pp.130-138, 2021 (Peer-Reviewed Journal)
- III. **Cytotoxic and Genotoxic Effects of Some Azo Dyes in Allium cepa Root Tip Cells**
GÜMÜŞ M., EROĞLU H. E., Gümüş N., Yağcı E.
Türk Doğa ve Fen Dergisi, vol.9, no.2, pp.57-63, 2020 (Peer-Reviewed Journal)
- IV. **Synthesis, characterization and theoretical studies of novel sulfonamide-aldehydes derivatives having tautomeric forms**
GÜMÜŞ M., SERT Y., KOCA İ.
ORGANIC COMMUNICATIONS, vol.12, no.4, pp.176-187, 2019 (ESCI)
- V. **One-pot and multi-step syntheses of new 2-(4,5-dihydro-1H-pyrazol-1-yl) thiazole derivatives**
Gümüş M., Dişli A., Yakan M., Yigitcan S., Koca İ.
ORGANIC COMMUNICATIONS, vol.11, no.2, pp.98-110, 2018 (ESCI)

Books & Book Chapters

- I. **N-Heterocycles Having One and Two Nitrogen Atoms As Corrosion Inhibitors**

GÜMÜŞ M., ÇAPAN İ., KOCA İ.

in: Handbook of Heterocyclic Corrosion Inhibitors: Principles and Applications, Verma, Chandrabhan, Editor, CRC Press, pp.1-54, 2023

II. Inhibition of Key Protein-Protein Interactions by Small Molecules for Cancer Drug Design

ÖZGÜR A., TUTAR L., GÜMÜŞ M., KOCA İ., TUNOĞLU S., YENİLMEZ E. N., TUTAR Y.

in: Frontiers in Clinical Drug Research-Anti-Cancer Agents, Ur Rahman, Atta, Editor, Bentham Science Publishers, pp.1-33, 2021

Refereed Congress / Symposium Publications in Proceedings

- I. Piridazin Bileşiklerinin Sentezi ve Antikanser Aktivite Çalışmaları**
Gümüş M., Açıklın Coşkun K., Yenilmez Tunoğlu E. N., Tutar Y., Koca İ.
35. Ulusal Kimya Kongresi, Diyarbakır, Turkey, 9 - 12 September 2024, pp.135
- II. Synthesis and Characterization of New Thiazole Derived Compounds**
GÜMÜŞ M., ÇAPAN İ., KOCA İ.
UBAK Uluslararası Bilimsel Araştırmalar ve İnovasyon Kongresi, Ankara, Turkey, 5 - 06 June 2024
- III. Determination of the Risks Posed by Chemical Substances Used in the Working Environment at Yozgat Bozok University Faculty of Medicine Hospital Using the Fine-Kinney Method**
Çabuk D., Agay F., GÜMÜŞ M.
UBAK Uluslararası Bilimsel Araştırmalar ve İnovasyon Kongresi, Ankara, Turkey, 5 - 06 June 2024
- IV. Synthesis and Characterization of Potential Biological Active Hybrid Molecules Containing Quinoxalinone and Thiazole Moieties**
GÜMÜŞ M., KOCA İ., TUTAR Y.
11. Uluslararası İlaç Kimyası Kongresi, Antalya, Turkey, 09 March 2023
- V. Determination of anticancer properties of the compound 6,7-dimethyl-3-(2-(phenylamino)thiazol-5-yl)quinoxalin-2(1H)-one (7bd) for breast cancer**
GÜMÜŞ M., KOCA İ., TUTAR Y.
11. Uluslararası İlaç Kimyası Kongresi, Antalya, Turkey, 09 March 2023
- VI. Synthesis and Anticancer Activity Studies of Sulfasalazine-like Bioactive Azo Compounds**
GÜMÜŞ M., KOCA İ., YENİLMEZ E. N., TUTAR Y.
11. Uluslararası İlaç Kimyası Kongresi, Antalya, Turkey, 09 March 2023
- VII. Yeni Salisilat Türevi Bileşiklerin Sentezi ve Antikanser Aktivite Çalışmaları**
KOCA İ., ÜNAL E., YENİLMEZ E. N., GÜMÜŞ M., TUTAR Y.
34. Ulusal Kimya Kongresi, Yalova, Turkey, 01 September 2022
- VIII. Synthesis and Characterization of Novel Thiazole-Sulfonamide Derivative Compounds**
GÜMÜŞ M.
VIII. INSAC International Congress on Health Sciences (ICHES-2022), Konya, Turkey, 18 - 20 March 2022
- IX. Structure Elucidation of Newly Synthesized Heterocyclic Compounds By Detailed NMR Study**
GÜMÜŞ M., BABACAN Ş. N.
Aegean Summit 4th International Applied Sciences Congress, Muğla, Turkey, 12 February 2022
- X. Synthesis, Characterization and Molecular Docking Studies of Novel Sulfadruugs-Pyrrole Conjugates**
GÜMÜŞ M., BABACAN Ş. N., SERT Y., KOCA İ.
4th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2021), Ankara, Turkey, 24 - 26 November 2021
- XI. Evaluation of Chemical Risks in R&D Laboratories Working with Volatile Organic Compounds**
ÜNAL E., GÜMÜŞ M., KIBRIZ İ. E., Kunt Kandemir G.
4th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2021), Ankara, Turkey, 24 - 26 November 2021
- XII. Cytotoxic and Genotoxic Effects of Salicylic Acid Derivative in Allium cepa Root Tip Cells**
Can S., EROĞLU H. E., GÜMÜŞ M., KOCA İ.

USBK 2021 Online International Congress On Natural Sciences, Kayseri, Turkey, 26 - 28 February 2021

- XIII. **Synthesis And Characterization Of Hybrid Structured Salicylic Acid Derivatives**
GÜMÜŞ M., KOCA İ.
Black Sea Summit, 5th International Applied Science Congress, Rize, Turkey, 19 - 21 February 2021
- XIV. **Experimental UV-VIS Spectroscopy Studies In Different Solvents Of Novel 1,5-Benzodiazepine-Coumarin Conjugates-Based Dye**
GÜMÜŞ M.
Black Sea Summit, 5th International Applied Science Congress, Rize, Turkey, 19 - 21 February 2021
- XV. **Experimental and theoretical characterization and molecular docking studies of novel sulfonamide derivatives**
KOCA İ., SERT Y., GÜMÜŞ M., Gökçe H.
8. International Drug Chemistry Conference, Antalya, Turkey, 4 - 07 March 2020
- XVI. **The Synthesis and Characterization of Potential Anticancer Agents Bearing Pyrazole and Benzo Diazepine Heterocyclic Structures**
GÜMÜŞ M., BABACAN Ş. N., KOCA İ.
8. International Drug Chemistry Conference, Antalya, Turkey, 27 February - 01 March 2020
- XVII. **Pirazolil Açiltiyoüre Grubu İçeren Yeni Bir Dizi Sülfü İlacının Sentezi ve Karakterizasyonu**
KOCA İ., Yiğitcan S., GÜMÜŞ M.
2nd International Turkish World Engineering and Science Congress, Antalya, Turkey, 7 - 10 November 2019
- XVIII. **The cytotoxic activities of pyrazole-perimidine hybrids**
GÜMÜŞ M., Gümüş N., EROĞLU H. E., KOCA İ.
5nd International Turkic World Conference on Chemical Sciences and Technologies (ITWCCST-V), Sakarya, Turkey, 25 - 29 October 2019
- XIX. **The Synthesis of Novel Azo Compounds Showed Tautomeric Properties and Containing Sulfonamide Group**
GÜMÜŞ M., KOCA İ.
5nd International Turkic World Conference on Chemical Sciences and Technologies (ITWCCST-V), Sakarya, Turkey, 25 - 29 October 2019
- XX. **Cytotoxic and genotoxic assessment of Ptc-11 using chromosomal behavior of root meristem in Hordeum vulgare**
EROĞLU H. E., Gümüş n., KOCA İ., DİŞLİ A., GÜMÜŞ M.
1. Uluslararası İğdir Multi Disipliner Çalışmalar Kongresi, İğdir, Turkey, 5 - 07 November 2018
- XXI. **AN OVERVIEW OF THE ADVANCED REACTIONS OF THE DMF-DMA REAGENT BY EXAMINING THE FUNCTIONAL GROUPS AND THE STRUCTURES OF TARGET MOLECULES**
GÜMÜŞ M., KOCA İ.
1. Uluslararası İğdir Multi Disipliner Çalışmalar Kongresi, İğdir, Turkey, 5 - 07 November 2018
- XXII. **Recent Developments on Biologically Active Thiazole-Hybrid Compounds**
GÜMÜŞ M., YAKAN M., KOCA İ.
4th Organic Chemistry Congress with International Participation (OrgChemTR-4), Antalya, Turkey, 4 - 07 October 2018
- XXIII. **Elucidation of Structure of Novel 1-(2-(3,5-bis(4-methoxyphenyl)-1H-pyrazol-1-yl) thiazol-5-yl)ethanone Compound by Spectroscopic Methods**
GÜMÜŞ M., Yiğitcan S., KOCA İ.
INTERNATIONAL WORKSHOP on Application of NMR in Pharmaceuticals, Phytotherapeutics and Medicine, İstanbul, Turkey, 15 - 17 October 2017
- XXIV. **The Detailed NMR Interpretations of the Substituent Groups And Systems In Some Novel Heterocyclic Compounds**
GÜMÜŞ M., KOCA İ., DİŞLİ A.
3rd International Turkic World Conference on Chemical Sciences and Technologies, Baku, Azerbaijan, 10 - 13 September 2017
- XXV. **Synthesis and Characterization of Novel Hydrazo β -dicarbonyl Compounds**

KOCA İ., Özer Y., GÜMÜŞ M.

3rd International Turkic World Conference on Chemical Sciences and Technologies, Baku, Azerbaijan, 10 - 13 September 2017

- XXVI. **Tiyazol-Kumarin, Tiyazol-Diazepin ve Tiyazol-Pirazol-Kumarin Halka Sistemlerini İçeren Heterosiklik Bileşiklerin HSP70 ve HSP90 İnhibitör Özelliklerinin İncelenmesi**
GÜMÜŞ M., KOCA İ., DIŞLI A., Aykut Ö., Açıkalm Coşkun K., TUTAR Y.
Uluslararası Katılımlı 5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 30 March - 02 April 2017
- XXVII. **Farklı Hetero Çekirdekler İçeren Potansiyel Biyolojik Aktif 1-(2-(3,5-difenil-4,5-dihidro-1H-pirazol-1-il)tiyazol-5-il)etanon Bileşiğinin Sentezi ve Karakterizasyonu**
GÜMÜŞ M., KOCA İ., Yiğitcan S.
Uluslararası Katılımlı 5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 30 March - 02 April 2017
- XXVIII. **Heteroaromatik Gruplar İçeren Hibrit Yapılı HSP İnhibitörleri**
KOCA İ., GÜMÜŞ M., Aykut Ö., Açıkalm Coşkun K., Hepokur C., TUTAR Y.
Uluslararası Katılımlı 5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 30 March - 02 April 2017
- XXIX. **Potansiyel Biyoaktif Heterosiklik Keten Aminal Türevi Pirazol-Perimidin Hibrit Bileşiklerinin Sentezi**
KOCA İ., GÜMÜŞ M., Açıkalm Coşkun K., TUTAR Y.
Uluslararası Katılımlı 5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 30 March - 02 April 2017
- XXX. **Design and Synthesis of 1,2,3,5-dialkyl-4,5-dihydro-1H-pyrazol-1-yl-thiazol-5-yl-ethanone Derivatives**
GÜMÜŞ M., KOCA İ., DIŞLI A.
2nd International Turkic World Conference on Chemical Sciences and Technologies, Üsküp, Macedonia, 26 - 30 October 2016
- XXXI. **Synthesis and Characterization of Potential Anticancer Agents Bearing Thiazole and Coumarine Cores**
KOCA İ., GÜMÜŞ M., DIŞLI A.
2nd International Turkic World Conference on Chemical Sciences and Technologies, Üsküp, Macedonia, 26 - 30 October 2016
- XXXII. **Determination of the Photophysical Properties of Some Thiazolyl Coumarine Derivatives**
BOZKURT E., ONGANER Y., GÜMÜŞ M., KOCA İ., DIŞLI A.
2nd International Turkic World Conference on Chemical Sciences and Technologies, Üsküp, Macedonia, 26 - 30 October 2016
- XXXIII. **Dyes Extracted From Pelargonium Flowers A Solar Cell Application and Dyes Ingredients Analysis Study**
ÖZBAY KARAKUŞ M., KOCA İ., KOCA A., GÜMÜŞ M., ER O., ÇETİN H.
First International Underground Resources and Energy Conference, Yozgat, Turkey, 6 - 08 October 2016
- XXXIV. **Dual Targeting of HSP 70 and HSP 90 with pyrimidinyl acyl thiourea inhibitors**
Açıkalm Coşkun K., GÜMÜŞ M., KOCA İ., TUTAR Y.
COST Action CM1407 1st Training School, Belgrade, Serbia, 24 - 26 September 2016
- XXXV. **Inhibition Studies of Novel Coumarine Derivatives as HSP90 and HSP70 Inhibitors**
GÜMÜŞ M., KOCA İ., Açıkalm Coşkun K., TUTAR Y., DIŞLI A.
Symposium on EuroAsian Biodiversity (SEAB-2016), Antalya, Turkey, 23 - 27 May 2016
- XXXVI. **Inhibition and Docking Studies of New Pyrimidinyl Acyl Thioureas Compounds as HSP90 Inhibitors**
KOCA İ., Özgür A., Er M., GÜMÜŞ M., Açıkalm Coşkun K., TUTAR Y.
Symposium on EuroAsian Biodiversity (SEAB-2016), Antalya, Turkey, 23 - 27 May 2016
- XXXVII. **The spectroscopic characterization of hybride molecules bearing hetero moiety at C 3 position of coumarine ring**
GÜMÜŞ M., KOCA İ., DIŞLI A.
Anatolian Conference on Synthetic Organic Chemistry ACSOC II, Aydın, Turkey, 21 - 24 March 2016

- XXXVIII. **3 2 3 5 bis 4 chlorophenyl 4 5 dihydro 1H pyrazol 1 yl thiazole 5 carbonyl 8 methoxy 2H chromen 2 one Synthesis and characterization**
KOCA İ., GÜMÜŞ M., DIŞLİ A.
Anatolian Conference on Synthetic Organic Chemistry ACSOC II, Aydın, Turkey, 21 - 24 March 2016
- XXXIX. **Synthesis and characterization of new ligands and complexes bearing pyrazole moiety**
YAKAN M., GÜMÜŞ M., KOCA İ., KARACAN N.
Anatolian Conference on Synthetic Organic Chemistry ACSOC II, Aydın, Turkey, 21 - 24 March 2016
- XL. **Synthesis and characterization of new complexes bearing pyrimidine moiety**
YAKAN M., GÜMÜŞ M., KOCA İ., KARACAN N.
Anatolian Conference on Synthetic Organic Chemistry ACSOC II, Aydın, Turkey, 21 - 24 March 2016
- XLI. **Efficient Synthesis of Potential Biactive Molecules Pyrazole Thiazole and Coumarine Hybrid Compounds**
GÜMÜŞ M., KOCA İ., DIŞLİ A.
The 1st International Turkic World Conference on Chemical Sciences and Technologies, Sarajevo, Bosnia And Herzegovina, 27 October - 01 November 2015
- XLII. **Design Synthesis and Anticancer Activity of Novel Acylthioureas with Pyrimidine Core**
KOCA İ., ER M., GÜMÜŞ M., AYKUT Ö., TUTAR Y.
The 1st International Turkic World Conference on Chemical Sciences and Technologies, Sarajevo, Bosnia And Herzegovina, 27 October - 01 November 2015
- XLIII. **Etil 3 2 3 5 bis 4 klorofenil 4 5 dihidro 1H pirazol 1 il tiyazol 5 il 3 oksopropanoat Bileşiğinin Sentezi ve Karakterizasyonu**
GÜMÜŞ M., KOCA İ., DIŞLİ A.
14. Ulusal Spektroskopi Kongresi, Elazığ, Turkey, 29 - 31 May 2015
- XLIV. **4 2 Allilamino 1 3 tiyazol 5 il 7 8 dimetil 1 3 dihidro 2H 1 5 benzodiazepin 2 on Bileşiğinin Spektroskopik Özelliklerinin İncelenmesi**
KOCA İ., GÜMÜŞ M., DIŞLİ A.
14. Ulusal Spektroskopi Kongresi, Elazığ, Turkey, 29 - 31 May 2015
- XLV. **A novel approach to inhibit heat shock response as anticancer strategy by coumarine compounds containing thiazole skeleton**
KOCA İ., GÜMÜŞ M., ÖZGÜR A., DIŞLİ A., TUTAR Y.
3rd Anticancer Agent Development Congress, İzmir, Turkey, 18 - 19 May 2015
- XLVI. **Synthesis of 1 5 benzodiazepine derivatives as possiblebiologic active agents**
GÜMÜŞ M., KOCA İ., AYKUT Ö., TUTAR Y., DIŞLİ A.
Anatolian Conference on Synthetic Organic Chemistry, Antalya, Turkey, 16 - 19 March 2015
- XLVII. **Synthesis and characterization of new ligands containingheterocyclic group**
YAKAN M., GÜMÜŞ M., KOCA İ., KARACAN N.
Anatolian Conference on Synthetic Organic Chemistry, Antalya, Turkey, 16 - 19 March 2015
- XLVIII. **Heat shock protein 90 inhibitors in cancer drug discovery**
ÖZGÜR A., KOCA İ., GÜMÜŞ M., TUTAR Y.
MCB 2014; Joining forces in pharmaceutical analysis and medicinal chemistry, Groningen, Netherlands, 25 - 26 August 2014
- XLIX. **Muhtemel Biyolojik Aktif Yeni Pirazol Türevi Bileşikler**
KOCA İ., ER M., GÖKBAŞ L., GÜMÜŞ M.
2. İlaç Kimyası Kongresi, Antalya, Turkey, 21 - 23 March 2014
- L. **ETİL 2E 3 AMİNO 2 4 BENZOİL 1 5 DİFENİL 1H PİRAZOL 3 İL KARBONİL AMİNO KARBONOTİYOLİL BÜT 2 ENOAT SENTEZ SPEKTROSKOPİ VE TEORİK ÇALIŞMALAR**
KOCA İ., SERT Y., GÜMÜŞ M., KANİ İ., UCUN F.
13. Ulusal Spektroskopi Kongresi, Burdur, Turkey, 15 - 18 May 2013
- LI. **Kolon Kanseri Tedavisi için Yeni Nesil Kumarin Türevi Bilesikleri**
KOCA İ., GÜMÜŞ M., AYKUT Ö., TUTAR Y., DIŞLİ A.
1. İlaç Kimyası Kongresi, Antalya, Turkey, 29 - 31 March 2013

- LII. **Meme Kanseri Tedavisinde İlaç Potansiyeline Sahip Yeni Diazepin Türevi Bileşikler**
GÜMÜŞ M., KOCA İ., AYKUT Ö., TUTAR Y., DİŞLİ A.
2. İlaç Kimyası Kongresi, Antalya, Turkey, 21 March 2014 - 23 March 2013
- LIII. **Tiyazol Halkası İçeren Bazı Yeni Ketoesterlerin Sentezi ve Karakterizasyonu**
KOCA İ., GÜMÜŞ M., DİŞLİ A.
26. Ulusal Kimya Kongresi, Muğla, Turkey, 1 - 06 October 2012
- LIV. **The investigation of Corrosion Inhibiting Effect of 1 3 diaminopropansalisilaldimin on Zinc by Electrochemical Polarization and Quantum Mechanical Techniques**
AYTEKİN K., ÇELİK S., SERHAT M., GÜMÜŞ M., KIYAK T.
IX. Uluslararası Korozyon Sempozyumu, Ankara, Turkey, 22 - 25 September 2004

Supported Projects

- GÜMÜŞ M., SERT Y., Project Supported by Higher Education Institutions, Çok hedefli ilaçlar (Multitarget drugs) olarak kumarin tiyazol hibrit sistemlerinin sentezi ve bilgisayar destekli analizleri, 2024 - Continues
- Gümüş M., Koca İ., Tutar Y., Sert Y., Açıklın Coşkun K., TÜBİTAK Project, The Design, Synthesis and Anticancer Studies of Quinoxaline-Thiazole Hybrid Structures, 2022 - 2025
- Gümüş M., Agay F., Çabuk D., TÜBİTAK Project, Determination of the Risks Posed by Chemical Substances Used in the Working Environment at Yozgat Bozok University Faculty of Medicine Hospital, Using the Fine-Kinney Method, 2023 - 2024
- SERT Y., ANIL B., GÜMÜŞ M., KOCA A., Project Supported by Higher Education Institutions, Azo-Hetero Halkalı Sistemler İçeren Yeni Korozyon İnhibitörleri Üzerine Deneysel ve Teorik İncelemeler, 2021 - 2023
- KOCA İ., GÜMÜŞ M., TUTAR Y., Project Supported by Higher Education Institutions, Aril Hidrazonal Bileşikleri Üzerinden Yeni Salisilat ve İndazol Türevi Bileşiklerin Sentezi, Karakterizasyonu ve Antikanser Aktivite Çalışmaları, 2021 - 2023
- Gümüş M., Koca İ., Tutar Y., TÜBİTAK Project, Aril Hidrazonal Bileşikleri Üzerinden Yeni Salisilat ve İndazol Türevi Bileşiklerin Sentezi, Karakterizasyonu ve Antikanser Aktivite Çalışmaları, 2020 - 2023
- KIBRIZ İ. E., GÜMÜŞ M., ÜNAL E., Project Supported by Higher Education Institutions, Uçucu Organik Bileşenlerle Çalışılan ARGE Laboratuvarlarında Kimyasal Risklerin Değerlendirilmesi, 2020 - 2021
- Gümüş M., Project Supported by Higher Education Institutions, Kumarin-Diazepin esaslı Yeni Floresan Maddelerin Sentezi ve Termal Analiz ile UV-Vis Çalışmaları, 2020 - 2021
- Çapan İ., Gümüş M., Açık L., Aydın B., TÜBİTAK Project, Benzimidazol-Karbazol Temelli Yeni Hibrit Moleküllerin Sentezi ve DNA ile Etkileşimlerinin Araştırılması, 2020 - 2021
- Gümüş M., Project Supported by Higher Education Institutions, Hibrit Yapılı Salisilik Asit Türevi Bileşiklerin Sentezi ve Karakterizasyonu, 2019 - 2021
- Gümüş M., Project Supported by Higher Education Institutions, Yeni Diazepin Türevi Bileşiklerin Sentezi ve Yapılarının Spektroskopik Metotlarla Aydınlatılması, 2019 - 2021
- GÜMÜŞ M., Project Supported by Higher Education Institutions, Sülfo Grupları İçeren Azo Boyar Maddelerin Sentezi ve Karakterizasyonu, 2019 - 2020
- Gümüş M., Koca İ., Project Supported by Higher Education Institutions, İkili Heterosiklik Yapı İçeren Yeni Keten Aminoal Türevlerinin Sentezi ve Karakterizasyonu, 2016 - 2020
- KOCA İ., GÜMÜŞ M., Project Supported by Higher Education Institutions, İkili Heterosiklik Yapı İçeren Yeni Keten Aminoal Türevlerinin Sentezi ve Karakterizasyonu, 2016 - 2020
- Gümüş M., Koca İ., Sert Y., Project Supported by Higher Education Institutions, Potansiyel Biyoaktif Sülfonamid Türevi Bileşiklerin Karakterizasyonu Üzerine Deneysel ve Teorik Çalışmalar, 2018 - 2019
- Gümüş M., Sert Y., Project Supported by Higher Education Institutions, FARKLI HETEROSİKLIK ÇEKİRDEKLER İÇEREN YENİ HİBRİT BİLEŞİKLERİN SENTEZ, KARAKTERİZASYON VE TEORİK ÇALIŞMALARI, 2017 - 2018
- Gümüş M., Koca İ., Project Supported by Higher Education Institutions, POTANSİYEL BİYOAKTİF YENİ İKİLİ HETEROSİKLIK BİLEŞİKLERİN SENTEZİ VE KARAKTERİZASYONU, 2016 - 2018
- Gümüş M., Koca İ., Project Supported by Higher Education Institutions, Çok Basamaklı Sentez Reaksiyonları İle Yeni Pirazol-Tiyazol Türevi Bileşiklerin Sentezi Ve Karakterizasyonu, 2016 - 2018

Gümüş M., Koca İ., Tutar Y., TUBITAK Project, Pirazol-Kumarin Halkalarını İçeren Yeni Hibrit Heterosiklik Bileşiklerin Sentezi ve Antikanser Aktivite Çalışmaları, 2016 - 2018

GÜMÜŞ M., KOCA İ., Project Supported by Higher Education Institutions, Pirazol Ve Tiyazol Çekirdekleri İçeren Yeni Kumarin Bileşiklerinin Sentezi ve Spektroskopik Analizi, 2015 - 2015

GÜMÜŞ M., KOCA İ., Project Supported by Higher Education Institutions, Tiyazol ve Diazepin Çekirdekleri İçeren Yeni Heterosiklik Bileşiklerin Sentezi, 2014 - 2015

Gümüş M., Koca İ., Project Supported by Higher Education Institutions, Multikomponent Reaksiyonlarla Yeni Organik Bileşiklerin Sentezi, 2013 - 2014

Patent

Tutar Y., Gümüş M., Açıklın Coşkun K., Koca İ., ISI ŞOK PROTEİN 70 (HSP70) İNHİBİTÖRÜ VE BU İNHİBİTÖRÜN SENTEZLENMESİ, Patent, CHAPTER C Chemistry; Metallurgy, The Invention Registration Number: 2018 03779 , Standard Registration, 2022

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Non Academic Experience

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Nokta Dershanesi

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