

Res. Asst. PhD Mehtap TUĞRAK

Personal Information

Web: <https://avesis.atauni.edu.tr/mehtap>

International Researcher IDs

ScholarID: X4mgjpgAAAAJ

ORCID: 0000-0002-6535-6580

Yoksis Researcher ID: 43388

Education Information

Doctorate, Ataturk University, Sağlık Bilimleri Enstitüsü/Eczacılık Fakültesi, Farmasötik Kimya, Turkey 2011 - 2016

Postgraduate, Ataturk University, Sağlık Bilimleri Enstitüsü/Eczacılık Fakültesi, Farmasötik Kimya, Turkey 2008 - 2011

Masters (Non-Thesis), Ataturk University, Fen Matemetik Alanları Eğitimi, Kimya Öğretmenliği, Turkey 2004 - 2006

Undergraduate, Ataturk University, Fen Fakültesi, Kimya, Turkey 2000 - 2004

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Health&Medicine, IV.ULUSAL FARMASÖTİK KİMYA KONGRESİ, YAKIN DOĞU ÜNİVERSİTESİ KİBRIS, 2016

Health&Medicine, 5 th APPLIED CELL CULTURE AND MOLECULAR BIOLOGY RESEARCH COURSE, ATATÜRK ÜNİVERSİTESİ, 2015

Health&Medicine, AKADEMİK DÜZEYDE TÜBİTAK PROJE HAZIRLAMA EĞİTİMİ, ATATÜRK ÜNİVERSİTESİ, 2015

Education Management and Planning, SPEKTROSKOPİ LİSANSÜSTÜ YAZ OKULU, ERZİNCAN ÜNİVERSİTESİ, 2014

Education Management and Planning, PROJEMİ YAZIYORUM TÜBİTAK 2237 PROJE ETKİNLİĞİ, ATATÜRK ÜNİVERSİTESİ, 2014

Health&Medicine, RESEARCH METHODOLOGY COURSE, ATATÜRK ÜNİVERSİTESİ, 2014

Education Management and Planning, PATENT FAYDALI MODEL EĞİTİM SEMİNERİ, ATATÜRK ÜNİVERSİTESİ, 2014

Health&Medicine, SUMMER SCHOOL, ATATÜRK ÜNİVERSİTESİ, 2011

Health&Medicine, WINTER SCHOOL, ATATÜRK ÜNİVERSİTESİ, 2010

Dissertations

Doctorate, İndanon ve indandionlardan türevlenen potansiyel biyoaktif bileşiklerin sentezi ve biyoaktiviteleri, Ataturk Üniversitesi, Sağlık Bilimleri Enstitüsü/Eczacılık Fakültesi, Farmasötik Kimya, 2016

Postgraduate, 1-aril-2-(n-metilpipеразинометил)-2-propen-1-on kimyasal yapısına sahip bileşiklerin klasik manich reaksiyonu ile sentezi ve biyolojik aktivitesinin araştırılması, Ataturk Üniversitesi, Sağlık Bilimleri Enstitüsü/Eczacılık Fakültesi, Farmasötik Kimya, 2011

Research Areas

Health Sciences, Pharmacology and Therapeutics, Professional Sciences, Pharmaceutical Chemistry

Academic Titles / Tasks

Research Assistant PhD, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2009 - Continues

Courses

FARMASÖTİK KİMYA LABORATUVARI IV, Undergraduate, 2012 - 2013

FARMASÖTİK KİMYA LABORATUVARI III, Undergraduate, 2011 - 2012

FARMASÖTİK KİMYA LABORATUVARI II, Undergraduate, 2010 - 2011

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Synthesis and in vitro carbonic anhydrases and acetylcholinesterase inhibitory activities of novel imidazolinone-based benzenesulfonamides**
TUĞRAK M., GÜL H. İ., Demir Y., LEVENT S., GÜLÇİN İ.
ARCHIV DER PHARMAZIE, vol.354, no.4, 2021 (SCI-Expanded)
- II. **New Chalcone Derivatives with Pyrazole and Sulfonamide Pharmacophores as Carbonic Anhydrase Inhibitors**
TUĞRAK M., GÜL H. İ., Akincioglu H., GÜLÇİN İ.
LETTERS IN DRUG DESIGN & DISCOVERY, vol.18, no.2, pp.191-198, 2021 (SCI-Expanded)
- III. **Synthesis of benzamide derivatives with thiourea-substituted benzenesulfonamides as carbonic anhydrase inhibitors**
TUĞRAK M., GÜL H. İ., Demir Y., GÜLÇİN İ.
ARCHIV DER PHARMAZIE, vol.354, no.2, 2021 (SCI-Expanded)
- IV. **Synthesis and biological evaluation of new pyrazolebenzene-sulphonamides as potential anticancer agents and hCA I and II inhibitors**
TUĞRAK M., GÜL H. İ., Sakagami H., Kaya R., GÜLÇİN İ.
TURKISH JOURNAL OF CHEMISTRY, vol.45, no.3, pp.528-562, 2021 (SCI-Expanded)
- V. **Phenothiazine-based chalcones as potential dual-target inhibitors toward cholinesterases (AChE, BuChE) and monoamine oxidases (MAO-A, MAO-B)**
YAMALI C., Engin F. S., BİLGİNER S., TUĞRAK M., Ozmen Ozgun D., ÖZLİ G., LEVENT S., SAĞLIK B. N., ÖZKAY Y., GÜL H. İ.
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.58, no.1, pp.161-171, 2021 (SCI-Expanded)
- VI. **Synthesis, cytotoxic, and carbonic anhydrase inhibitory effects of new 2-(3-(4-methoxyphenyl)-5-(aryl)-4,5-dihydro-1H-pyrazol-1-yl)benzo[d]thiazole derivatives**
TUĞRAK M., GÜL H. İ., Sakagami H., GÜLÇİN İ.
Journal of Heterocyclic Chemistry, vol.57, no.7, pp.2762-2768, 2020 (SCI-Expanded)
- VII. **Synthesis and biological evaluation of some new mono Mannich bases with piperazines as possible anticancer agents and carbonic anhydrase inhibitors**
TUĞRAK M., GÜL H. İ., BANDOW K., Sakagami H., GÜLÇİN İ., Ozkay Y., Supuran C. T.
BIOORGANIC CHEMISTRY, vol.90, 2019 (SCI-Expanded)
- VIII. **New phenolic Mannich bases with piperazines and their bioactivities**
GÜL H. İ., TUĞRAK M., GÜL M., MAZLUMOĞLU S., Sakagami H., GÜLÇİN İ., Supuran C. T.
BIOORGANIC CHEMISTRY, vol.90, 2019 (SCI-Expanded)

- IX. **New azafluorenones with cytotoxic and carbonic anhydrase inhibitory properties: 2-Aryl-4-(4-hydroxyphenyl)-5H-indeno[1,2-b]pyridin-5-ones.**
Tugrak M., Inci G., SAKAGAMI H., GULCIN I., SUPURAN C.
Bioorganic chemistry, vol.81, pp.433-439, 2018 (SCI-Expanded)
- X. **Synthesis and Cytotoxicities of New Azafluorenones with Apoptotic Mechanism of Action and Cell Cycle Analysis**
GÜL H. İ., TUĞRAK M., GÜL M., SAKAGAMİ H., UMEMURA N., ANIL B.
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.18, no.12, pp.1770-1778, 2018 (SCI-Expanded)
- XI. **Synthesis and anticancer properties of mono Mannich bases containing vanillin moiety**
TUĞRAK M., GÜL H. İ., SAKAGAMI H., METE E.
MEDICINAL CHEMISTRY RESEARCH, vol.26, no.7, pp.1528-1534, 2017 (SCI-Expanded)
- XII. **Investigation of solvent effect on photophysical properties of some sulfonamides derivatives**
BOZKURT E., GÜL H. İ., TUĞRAK M.
TURKİSH JOURNAL OF CHEMİSTRY, vol.41, pp.282-293, 2017 (SCI-Expanded)
- XIII. **Investigation of solvent effect on photophysical properties of some sulfonamides derivatives**
BOZKURT E., GÜL H. İ., TUĞRAK M.
TURKISH JOURNAL OF CHEMISTRY, vol.41, no.2, pp.282-293, 2017 (SCI-Expanded)
- XIV. **Energy absorption buildup factors of some potential bioactive compounds in the energy region 0.015-15 MeV**
YILMAZ D., GEDIK Z., TUĞRAK M., GÜL H. İ.
SPECTROSCOPY LETTERS, vol.50, no.6, pp.301-306, 2017 (SCI-Expanded)
- XV. **Crystal structure of (E)-2-({4-hydroxy-5-methoxy3-[(4-methyl-1-piperazinyl) methyl] phenyl} methyldene)-1-indanone, C₂₃H₂₆N₂O₃**
TUĞRAK M., Aydin A., GÜL H. İ., ŞAHİN E., AKKURT M.
ZEITSCHRIFT FÜR KRISTALLOGRAPHIE-NEW CRYSTAL STRUCTURES, vol.232, no.1, pp.113-115, 2017 (SCI-Expanded)
- XVI. **Synthesis and Cytotoxic Activity of (4-Substituted-benzylidene)-(3-Phenyl-1,2,4-Oxadiazol-5-yl)Methylamines**
KUCUKOGLU K., TUĞRAK M., DEMIRTAS A., SAKAGAMI H., GÜL H. İ.
PHARMACEUTICAL CHEMISTRY JOURNAL, vol.50, no.4, pp.234-238, 2016 (SCI-Expanded)
- XVII. **Synthesis and Cytotoxic Activity of 4 Substituted benzylidene 3 Phenyl 1 2 4 Oxadiazol 5 yl methylamines**
TUĞRAK M., GÜL H. İ.
PHARMACEUTICAL CHEMISTRY JOURNAL, vol.50, no.4, pp.234-238, 2016 (SCI-Expanded)
- XVIII. **Synthesis of some acrylophenones with N-?methylpiperazine and evaluation of their cytotoxicities**
TUĞRAK M.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.31, no.1, pp.147-151, 2016 (SCI-Expanded)
- XIX. **Synthesis and bioactivity studies on new 4-(3-(4-Substitutedphenyl)-3a,4-dihydro-3H-indeno[1,2-c]pyrazol-2-yl) benzenesulfonamides**
GÜL H. İ., TUĞRAK M., Sakagami H., TASLIMI P., GÜLÇİN İ., SUPURAN C. T.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.31, no.6, pp.1619-1624, 2016 (SCI-Expanded)
- XX. **Synthesis of some acrylophenones with N-methylpiperazine and evaluation of their cytotoxicities**
GÜL H. İ., TUĞRAK M., Sakagami H.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.31, no.1, pp.147-151, 2016 (SCI-Expanded)
- XXI. **The inhibitory effects of phenolic Mannich bases on carbonic anhydrase I and II isoenzymes**
YAMALI C., TUĞRAK M., GÜL H. İ., TANC M., SUPURAN C. T.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.31, no.6, pp.1678-1681, 2016 (SCI-Expanded)
- XXII. **Synthesis of mono Mannich bases of 2-(4-hydroxybenzylidene)-2,3-dihydroinden-1-one and evaluation of their cytotoxicities**

- TUĞRAK M., YAMALI C., SAKAGAMI H., GÜL H. İ.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.31, no.5, pp.818-823, 2016 (SCI-Expanded)
- XXIII. **Radiation Parameters of Some Potential Bioactive Compounds**
GEDIK Z., TUĞRAK M., DASTAN A., GÜL H. İ., YILMAZ D.
SPECTROSCOPY AND SPECTRAL ANALYSIS, vol.35, no.6, pp.1501-1505, 2015 (SCI-Expanded)
- XXIV. **Synthesis and Cytotoxicities of 2-[4-hydroxy-(3,5-bis-aminomethyl)-benzylidene]-indan-1-ones**
TUĞRAK M., GÜL H. İ., Sakagami H.
LETTERS IN DRUG DESIGN & DISCOVERY, vol.12, no.10, pp.806-812, 2015 (SCI-Expanded)

Articles Published in Other Journals

- I. **Inhibitory effects of the chalcones towards carbonic anhydrase I, II and acetylcholinesterase enzymes**
TUĞRAK M., YAMALI C., GÜL H. İ., DEMİR Y.
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.13, no.3, pp.1138-1146, 2020 (Peer-Reviewed Journal)
- II. **Acetylcholinesterase inhibitory potency of new pyrazoline derivative," Journal of research in pharmacy (online), vol. 24, no. 4, pp. 464–471, 2020.**
TUĞRAK M., GÜL H. İ., GÜLÇİN İ.
JOURNAL OF RESEARCH IN PHARMACY, vol.24, no.4, pp.464-471, 2020 (ESCI)
- III. **Design, Synthesis and Biological Activities of Chalcones with Piperonal Moiety**
TUĞRAK M., GÜL H. İ., ANİL B., AKINCIOĞLU H.
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, 2020 (Peer-Reviewed Journal)
- IV. **Acetylcholinesterase inhibitory potency of new pyrazoline derivative**
TUĞRAK M., GÜL H. İ., GÜLÇİN İ.
JOURNAL OF RESEARCH IN PHARMACY, vol.24, no.4, pp.464-471, 2020 (ESCI)
- V. **Design Synthesis and Biological Activities of Chalcones with Piperonal Moiety," Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi**
TUĞRAK M., GÜL H. İ., ANİL B., AKINCIOĞLU H.
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.13, no.2, pp.620-630, 2020 (Peer-Reviewed Journal)
- VI. **PHOSPHODIESTERASE PDE ENZYMES AND INHIBITORS**
TUĞRAK M.
Türkiye klinikleri, vol.1, pp.19-35, 2016 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **DESIGN AND SYNTHESIS OF SOME CHALCONE DERIVATIVES HAVING FLUORINE**
Tuğrak M., Gül H. İ.
5. ULUSLARARASI ISPECMÜHENDİSLİK VE FEN BİLİMLERİ KONGRESİ, Van, Turkey, 20 - 22 December 2019
- II. **New Cytotoxic Mannich Bases having Indanone Moiety**
TUĞRAK M., GÜL H. İ.
3rd INTERNATIONAL CONFERENCE ON ADVANCES INNATURAL APPLIED SCIENCEICANAS 2018, Antalya, Turkey, 9 - 12 May 2018
- III. **Synthesis and Carbonic Anhydrase InhibitoryActivities of Some Indenopyridine Derivatives**
TUĞRAK M., GÜL H. İ.
3rd INTERNATIONAL CONFERENCE ON ADVANCES INNATURAL APPLIED SCIENCEICANAS 2018, Antalya, Turkey, 9 - 12 May 2018
- IV. **Synthesis and Cytotoxic Activity of New Mannich Bases**
TUĞRAK M., GÜL H. İ.
3rd INTERNATIONAL CONFERENCE ON ADVANCES INNATURAL APPLIED SCIENCEICANAS 2018, Antalya, Turkey, 9

- 12 May 2018
- V. İNDANON VE İNDANDİONLARDAN TÜREVLENEN POTANSİYEL BİYOAKTİF BİLEŞİKLERİN SENTEZİ VE BİYOAKTİVİTELERİ
TUĞRAK M., GÜL H. İ.
V. ULUSAL FARMASÖTİK KİMYA KONGRESİ, Erzurum, Turkey, 28 April - 01 May 2018
- VI. Determination of Chemical Structures of Some New Azafluorenones Compounds by Dynamic NMR Method
ANİL B., GÜL H. İ., TUĞRAK M.
6. İLAÇ KİMYASI KONGRESİ, Antalya, Turkey, 22 - 25 March 2018
- VII. Bazı Azaflörenon Bileşiklerinin Kimyasal yapılarının Dinamik NMR Yöntemiyle Belirlenmesi.
ANİL B., TUĞRAK M., GÜL H. İ.
Uluslararası Katılımlı 6. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretime ve Standardizasyonu Kongresi, Antalya, Turkey, 22 - 25 March 2018
- VIII. Illumination of Chemical Structures of Novel indeno Pyridine Compounds Targeting DNA Topoisomerase by 1D and 2D NMR techniques
ANİL B., KAZAZ C., TUĞRAK M., GÜL H. İ.
International Workshop on Application of NMR in Pharmaceutics, Phytotherapeutics and Medicine", 15 - 17 November 2017
- IX. Synthesis and carbonic anhydrase inhibitory activities of some novel azafluorenone derivatives.
GÜL H. İ., TUĞRAK M., GÜLÇİN İ.
3rd International Multidisciplinary Symposium on Drug Research and Development-DRD 2017, 5 - 07 October 2017
- X. DISCOVERY OF NOVEL INDENO-PYRIDINE DERIVATIVES AS ANTICANCER
GÜL H. İ., TUĞRAK M., Sakagami H.
3 rd International Multidisciplinary Symposium on Drug Research and Development, Erzurum, Turkey, 5 - 07 October 2017, pp.1
- XI. DISCOVERY OF NOVEL INDENO-PYRIDINE DERIVATIVES AS ANTICANCER AGENTS
TUĞRAK M., GÜL H. İ.
International Multidisciplinary Symposium on Drug Research and Development, Erzurum, Turkey, 5 - 07 October 2017, pp.1
- XII. SYNTHESIS OF NEW MANNICH BASES
TUĞRAK M., GÜL H. İ.
International Multidisciplinary Symposium on Drug Research and Development, Erzurum, Turkey, 5 - 07 October 2017, pp.1
- XIII. SYNTHESIS AND CARBONIC ANHYDRASE INHIBITORY ACTIVITIES OF SOME NOVEL AZAFLUORENONE DERIVATIVES
TUĞRAK M., GÜL H. İ.
Multidisciplinary Symposium on Drug Research and Development, Erzurum, Turkey, 5 - 07 October 2017, pp.1
- XIV. CYTOTOXIC ACTIVITIES OF NEW SULPHONAMIDES ON OSCC
TUĞRAK M., GÜL H. İ., Sakagami H.
3 rd International Multidisciplinary Symposium on Drug Research and Development, Erzurum, Turkey, 5 - 07 October 2017, pp.1
- XV. SYNTHESIS AND CARBONIC ANHYDRASE INHIBITORY ACTIVITIES OF SOME NOVEL AZAFLUORENONE DERIVATIVES
GÜL H. İ., TUĞRAK M., GÜLCİN İ.
3 rd International Multidisciplinary Symposium on Drug Research and Development, Erzurum, Turkey, 5 - 07 October 2017, pp.1
- XVI. Synthesis and Carbonic Anhydrase Inhibitory Activities of Some Novel Azafluorenone Derivatives
GÜL H. İ., TUĞRAK M., GÜLÇİN İ.
International Multidisciplinary Symposium on Drug Research and Development, Erzurum, Turkey, 5 - 07 October 2017

- XVII. **SYNTHESIS OF NEW MANNICH BASES**
TUĞRAK M., GÜL H. İ., Mazlumoğlu S.
3 rd International Multidisciplinary Symposium on Drug Research and Development, Erzurum, Turkey, 5 - 07 October 2017, pp.1
- XVIII. **CYTOTOXIC ACTIVITIES OF NEW SULPHONAMIDES ON OSCC**
TUĞRAK M., GÜL H. İ.
International Multidisciplinary Symposium on Drug Research and Development, Erzurum, Turkey, 5 - 07 October 2017, pp.1
- XIX. **Bazı İndenopiridin Bileşiklerinin Kimyasal Yapılarının 1D ve 2D NMR Teknikleriyle Aydınlatılması**
TUĞRAK M., ANIL B., GÜL H. İ.
5.İLAÇ KİMYASI KOGRESİ, Antalya, Turkey, 30 March - 02 April 2017
- XX. **Bazı İndenopiridin Bileşiklerinin Kimyasal Yapılarının 1D ve 2D NMR ile Aydınlatılması**
TUĞRAK M., GÜL H. İ.
Uluslararası Katılımlı "5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 30 March - 02 April 2017, pp.1
- XXI. **Bazı İndenopiridin Bileşiklerinin Kimyasal Yapılarının 1D ve 2D NMR ile Aydınlatılması**
TUĞRAK M., anil B., GÜL H. İ.
Uluslararası Katılımlı "5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 30 March - 02 April 2017, pp.1
- XXII. **Synthesis and Anticancer Properties of Vanillin Moiety Containing Mono Mannich Bases**
TUĞRAK M.
4th International Bahçeşehir University (BAU) Drug Design Congress, İstanbul, Turkey, 13 - 15 October 2016, pp.1
- XXIII. **Synthesis and Anticancer Properties of Vanillin Moiety Containing Mono Mannich Bases**
TUĞRAK M.
4th International Bahçeşehir University (BAU) Drug Design Congress, İstanbul, Turkey, 13 - 15 October 2016, pp.1
- XXIV. **N Metilpiperazin Taşıyan Akrilofenonların Antikanser Etkileri**
TUĞRAK M.
III. Uygulamalı Moleküler Biyoloji Teknikleri Lisansüstü Yaz Okulu, Erzurum, Turkey, 19 - 22 May 2016, pp.1
- XXV. **1 İndanon Türevi Mono Mannich Bazlarının Sentezi ve Antikanser Aktiviteleri**
TUĞRAK M.
III. Uygulamalı Moleküler Biyoloji Teknikleri Lisansüstü Yaz Okulu, Erzurum, Turkey, 19 - 22 May 2016, pp.1
- XXVI. **1 İndanon Türevi Mono Mannich Bazlarının Sentezi ve Antikanser Aktiviteleri**
TUĞRAK M.
III. Uygulamalı Moleküler Biyoloji Teknikleri Lisansüstü Yaz Okulu, Erzurum, Turkey, 19 - 22 May 2016, pp.1
- XXVII. **N Metilpiperazin Taşıyan Akrilofenonların Antikanser Etkileri**
TUĞRAK M.
III. Uygulamalı Moleküler Biyoloji Teknikleri Lisansüstü Yaz Okulu, Erzurum, Turkey, 19 - 22 May 2016, pp.1
- XXVIII. **Synthesis of new indanones**
TUĞRAK M.
Trans Mediterranean Colloquium on Heterocyclic Chemistry, Antalya, Turkey, 11 - 15 November 2015, pp.1
- XXIX. **Synthesis of new indanones**
TUĞRAK M.
Trans Mediterranean Colloquium on Heterocyclic Chemistry, Antalya, Turkey, 11 - 15 November 2015, pp.1
- XXX. **SYNTHESIS and BIOLOGICAL EVALUATION of 4 AZAFLUORENONE DERIVATIVES**
TUĞRAK M.
Internatinal Multidisciplinary Symposium on Drug Research and Development, Antalya, Turkey, 15 - 17 October 2015, pp.1
- XXXI. **SYNTHESIS and BIOLOGICAL EVALUATION of 4 AZAFLUORENONE DERIVATIVES**
TUĞRAK M.
Internatinal Multidisciplinary Symposium on Drug Research and Development, Antalya, Turkey, 15 - 17 October 2015, pp.1

- XXXII. **New mono Mannich derivatives of 2 4 hydroxy 3 aminomethyl benzylidene indan 1 ones synthesis and cytotoxic activities**
TUĞRAK M.
1th International Congress: From Drug Discovery to Drug Delivery, Atina, Greece, 13 - 15 November 2014, pp.1
- XXXIII. **New mono Mannich derivatives of 2 4 hydroxy 3 aminomethyl benzylidene indan 1 ones synthesis and cytotoxic activities**
TUĞRAK M.
1th International Congress: From Drug Discovery to Drug Delivery, Atina, Greece, 13 - 15 November 2014, pp.1
- XXXIV. **4 4 Hydroxy phenyl 2 4 substitue phenyl indeno 1 2 b pyridin 5 one Synthesis and spectral analysis**
TUĞRAK M.
1th International Congress: From Drug Discovery to Drug Delivery, Atina, Greece, 13 - 15 November 2014, pp.1
- XXXV. **4 4 Hydroxy phenyl 2 4 substitue phenyl indeno 1 2 b pyridin 5 one Synthesis and spectral analysis**
TUĞRAK M.
1th International Congress: From Drug Discovery to Drug Delivery, Atina, Greece, 13 - 15 November 2014, pp.1
- XXXVI. **SYNTHESIS AND NMR ANALYSIS OF 2 4 HYDROXY 3 AMINOMETHYL BENZYLIDENE INDAN 1 ONES**
TUĞRAK M.
International Multidisciplinary Symposium on Drug Research and Development, Antalya, Turkey, 28 - 30 November 2013, pp.1
- XXXVII. **SYNTHESIS AND NMR ANALYSIS OF 2 4 HYDROXY 3 AMINOMETHYL BENZYLIDENE INDAN 1 ONES**
TUĞRAK M.
International Multidisciplinary Symposium on Drug Research and Development, Antalya, Turkey, 28 - 30 November 2013, pp.1
- XXXVIII. **Spectral Analysis of 1 Aryl 2 4 methylpiperazine 1 yl methyl 2 propene 1 one Dihydrochlorides**
TUĞRAK M.
25 th National Chemistry Congress With İnternational Participation, Erzurum, Turkey, 27 June - 02 July 2011, pp.1
- XXXIX. **Spectral Analysis of 1 Aryl 2 4 methylpiperazine 1 yl methyl 2 propene 1 one Dihydrochlorides**
TUĞRAK M.
25 th National Chemistry Congress With İnternational Participation, Erzurum, Turkey, 27 June - 02 July 2011, pp.1
- XL. **CYTOTOXICITIES OF SOME 1 ARYL 2 4 METHYLPIPERAZINE 1 YL METHYL 2 PROPENE 1 ONE DIHYDROCHLORIDES AGAINST HEP 3B CELL LINE**
TUĞRAK M.
International Symposium on Drug Research and Development "From Chemistry To Medicine, Antalya, Turkey, 27 - 29 May 2011, pp.1
- XLI. **CYTOTOXICITIES OF SOME 1 ARYL 2 4 METHYLPIPERAZINE 1 YL METHYL 2 PROPENE 1 ONE DIHYDROCHLORIDES AGAINST HEP 3B CELL LINE**
TUĞRAK M.
International Symposium on Drug Research and Development "From Chemistry To Medicine, Antalya, Turkey, 27 - 29 May 2011, pp.1
- XLII. **SYNTHESIS AND STRUCTURAL ELUCIDATION OF SOME MANNICH BASES HAVING N METHYLPIPERAZINE MOIETY**
TUĞRAK M.
First International Postgraduate Student Meeting on Pharmaceutical Sciences, İzmir, Turkey, 24 - 27 June 2010, pp.1
- XLIII. **SYNTHESIS AND STRUCTURAL ELUCIDATION OF SOME MANNICH BASES HAVING N METHYLPIPERAZINE MOIETY**
TUĞRAK M.
First International Postgraduate Student Meeting on Pharmaceutical Sciences, İzmir, Turkey, 24 - 27 June 2010, pp.1

Supported Projects

TUĞRAK M., GÜL H. İ., GÜL M., Project Supported by Higher Education Institutions, Tiyazolidinon farmakoforu içeren yeni antidiyabetik ilaç adayı adayı bileşiklerin sentez ve biyoaktivite çalışması, 2021 - 2021

TUĞRAK M., GÜL H. İ., TUBITAK Project, 2-(3-(4-Metoksifenil)-5-Aril-4,5-Dihidropirazol-1-İI) Benzo[D]Tiyazol Kimyasal Yapısına Sahip Bileşiklerin Sentezi Ve Mao Enzimi Üzerindeki İnhibe Edici Etkilerinin Araştırılması, 2018 - 2019

GÜL M., TUĞRAK M., Project Supported by Higher Education Institutions, "2-(4-HİDROKSİ-3-METOKSİBENZİLİDEN)-İNDAN-1-ON'UN 4-SÜBSTİTÜEPİPERAZİNİ MANNİCH BAZLARININ SENTEZİ VE KARBONİK ANHİDRAZ (CA) İZOENZİMLERİ ÜZERİNDE İNHİBE EDİCİ ETKİSİNİN ARAŞTIRILMASI", 2016 - 2016

GÜL H. İ., TUĞRAK M., Project Supported by Higher Education Institutions, MİKRODALGA YÖNTEMİ İLE SENTEZ, 2010 - 2012

Scientific Refereeing

ARCHIV DER PHARMAZIE, SCI Journal, March 2021

Metrics

Publication: 77

Citation (WoS): 495

Citation (Scopus): 532

H-Index (WoS): 13

H-Index (Scopus): 13

Congress and Symposium Activities

International Multidisciplinary Symposium on Drug Research and Development, Attendee, Erzurum, Turkey, 2017

New Trends in Carbonic Anhydrases Research, Attendee, Turkey, 2017

Uluslararası Katılımlı "5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Attendee, Turkey, 2017

4th International Bahçeşehir University (BAU) Drug Design Congress, Attendee, Turkey, 2016

III. Uygulamalı Moleküler Biyoloji Teknikleri Lisansüstü Yaz Okulu, Attendee, Turkey, 2016

Trans Mediterranean Colloquium on Heterocyclic Chemistry, Attendee, Turkey, 2015

1th International Congress: From Drug Discovery to Drug Delivery, Attendee, Turkey, 2014

International Multidisciplinary Symposium on Drug Research and Development, Attendee, Turkey, 2013

25 th National Chemistry Congress With International Participation, Attendee, Turkey, 2011

International Symposium on Drug Research and Development "From Chemistry To Medicine, Attendee, Turkey, 2011

First International Postgraduate Student Meeting on Pharmaceutical Sciences, Attendee, Turkey, 2010