

Prof. Ebru METE

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Ataturk University, Fen Fakültesi/Fen Bilimleri Enstitüsü, Organik Kimya, Turkey 1995 - 2005

Postgraduate, Ataturk University, Fen Fak. /Fen Bilimleri Enstitüsü, Organik Kimya, Turkey 1995 - 1998

Undergraduate, Ataturk University, Fen Fakültesi, Turkey 1991 - 1995

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, GABA ve GABOB Analoglarının Yeni Yöntemlerle Sentezleri Üzerine Çalışmalar, Atatürk Üniversitesi, Fen Fak., Organik Kimya, 2005

Postgraduate, Bisiklik Endoperoksitlerin Baz Katalize Düzenlenme Mekanizmalarının İncelenmesi, Atatürk Üniversitesi, Fen Fak., Organik Kimya, 1998

Research Areas

Chemistry, Organic Chemistry, Chemistry of Heterocyclic Compounds, Natural Sciences

Academic Titles / Tasks

Professor, Ataturk University, Fen Fakültesi, Kimya, 2016 - Continues

Associate Professor, Ataturk University, Fen Fakültesi, Kimya, 2011 - 2016

Lecturer PhD, Ataturk University, Fen Fakültesi, Kimya, 2005 - 2011

Lecturer, Ataturk University, Fen Fakültesi, Kimya, 2004 - 2005

Research Assistant, Ataturk University, Fen Fakültesi, Kimya, 1998 - 2004

Academic and Administrative Experience

Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Ataturk University, Fen Fakültesi, Kimya, 2020 - 2020

Courses

İlaç ve Kozmetik, Undergraduate, 2023 - 2024
İlaç ve Kozmetik, Undergraduate, 2022 - 2023
Organik Kimya Lab.II, Undergraduate, 2022 - 2023
Genel Kimya Laboratuvarı II, Undergraduate, 2021 - 2022
Organik Kimya Lab. II, Undergraduate, 2020 - 2021
Organik Kimya II, Undergraduate, 2019 - 2020
Postgraduate, 2020 - 2021
Organik Kimya II, Undergraduate, 2019 - 2020
Genel Kimya Lab II, Undergraduate, 2019 - 2020
Postgraduate, 2020 - 2021
Aromatik Kimya, Postgraduate, 2019 - 2020

Advising Theses

METE E., 1-(4-Aminosülfonilfenil)-3-(4-süstitüefenil)-5-(tiyofen-2-il)-2-pirazolin Bileşiklerinin Sentezi ve Karbonik Anhidraz İnhibe Edici Etkilerinin Araştırılması, Postgraduate, B.CÖMEZ(Student), 2016

Jury Memberships

Doctorate, Doctorate, Atatürk Üniversitesi, June, 2023
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, January, 2022
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Erzincan Binali Yıldırım Üniversitesi, December, 2021
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, December, 2021
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, December, 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **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)
- II. **Synthesis, carbonic anhydrase I and II inhibition studies of the 1,3,5-trisubstituted-pyrazolines**
GÜL H. İ., METE E., TASLIMI P., GÜLÇİN İ., SUPURAN C. T.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.32, no.1, pp.189-192, 2017 (SCI-Expanded)
- III. **Designing, synthesis and bioactivities of 4-[3-(4-hydroxyphenyl)-5-aryl-4,5-dihydro-pyrazol-1-yl] benzenesulfonamides**
GÜL H. İ., METE E., EREN S. E., SAKAGAMI H., YAMALI C., SUPURAN C. T.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.32, no.1, pp.169-175, 2017 (SCI-Expanded)
- IV. **Synthesis and carbonic anhydrase inhibitory activities of new thienyl-substituted pyrazoline benzenesulfonamides**
METE E., COMEZ B., GÜL H. İ., GÜLÇİN İ., SUPURAN C. T.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.31, pp.1-5, 2016 (SCI-Expanded)
- V. **Crystal structure of 4-[5-(4-fluorophenyl)-3-(4-hydroxyphenyl)-4,5-dihydropyrazol-1-yl] benzenesulfonamide, C₂₁H₁₈FN₃O₃S**
Aydin A., BİLGİNER S., GÜL H. İ., AKKURT M., METE E.

ZEITSCHRIFT FUR KRISTALLOGRAPHIE-NEW CRYSTAL STRUCTURES, vol.231, no.1, pp.81-83, 2016 (SCI-Expanded)

- VI. **Phytotoxic and Insecticidal Properties of Essential Oils and Extracts of Four Achillea Species**
Cakir A., ÖZER H., Aydin T., Kordali S., CAVUSOGLU A. T., Akcin T., METE E., Akcin A.
RECORDS OF NATURAL PRODUCTS, vol.10, no.2, pp.154-167, 2016 (SCI-Expanded)
- VII. **Exogenous salicylic acid alleviates cold damage by regulating antioxidative system in two barley (*Hordeum vulgare* L.) cultivars**
Mutlu S., ATICI Ö., NALBANTOĞLU B., METE E.
FRONTIERS IN LIFE SCIENCE, vol.9, no.2, pp.99-109, 2016 (SCI-Expanded)
- VIII. **Antimicrobial Activities of Essential Oils and Hexane Extracts of Two Turkish Spice Plants, *Cymbocarpum erythraeum* (DC.) Boiss. and *Echinophora tenuifolia* L. Against Foodborne Microorganisms**
Çetin B., Kaya Y., Cakir A., Özer H., Aksakal Ö., Mete E.
RECORDS OF NATURAL PRODUCTS, vol.10, no.4, pp.426-436, 2016 (SCI-Expanded)
- IX. **Synthesis of 3-aryl-4-aryl-1-isopropylamino-4-piperidinols and evaluation of the cytotoxicities of the compounds against human hepatoma and breast cancer cell lines**
Kucukoglu K., METE E., Cetin-Atalay R., GÜL H. İ.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.30, no.4, pp.564-568, 2015 (SCI-Expanded)
- X. **Carbonic anhydrase inhibitors. Phenols incorporating 2-or 3-pyridyl-ethenylcarbonyl and tertiary amine moieties strongly inhibit *Saccharomyces cerevisiae* beta-carbonic anhydrase**
Bilginer S., Unluer E., Gül H. İ., Mete E., Isık S., Vullo D., Ozensoy-Guler O., Beyaztas S., Capasso C., Supuran C. T.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.29, no.4, pp.495-499, 2014 (SCI-Expanded)
- XI. **Crystal structure of 3-(thiophen-2-yl-carbonyl)-4-(thiophen-2-yl)-1-isopropyl-4-piperidinol, C₁₇H₂₁N₂O₂S₂**
Aydin A., AKKURT M., GÜL H. İ., METE E., ŞAHİN E.
ZEITSCHRIFT FUR KRISTALLOGRAPHIE-NEW CRYSTAL STRUCTURES, vol.228, no.3, pp.355-356, 2013 (SCI-Expanded)
- XII. **Crystal structure of 3-(p-bromobenzoyl)-4-(p-bromophenyl)-1-isopropyl-4-piperidinol hydrochloride, C₂₁H₂₄Br₂CIN₂O₂**
Aydin A., AKKURT M., GÜL H. İ., METE E., ŞAHİN E.
ZEITSCHRIFT FUR KRISTALLOGRAPHIE-NEW CRYSTAL STRUCTURES, vol.228, no.3, pp.381-382, 2013 (SCI-Expanded)
- XIII. **1-(3-Aminomethyl-4-hydroxyphenyl)-3-pyridinyl-2-propen-1-ones: A novel group of tumour-selective cytotoxins**
Bilginer S., Gül H. İ., Mete E., Das U., Sakagami H., Umemura N., Dimmock J. R.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.28, no.5, pp.974-980, 2013 (SCI-Expanded)
- XIV. **Protective Role of *Mentha longifolia* L. ssp. *longifolia* against Aflatoxin B**
Ceker S., AĞAR G., Alpsoy L., Nardemir G., KIZIL H. E., METE E.
Journal of Essential Oil-Bearing Plants, vol.16, no.5, pp.600-607, 2013 (SCI-Expanded)
- XV. **GC/MS Evaluation and In Vitro Antioxidant Activity of Essential Oil and Solvent Extracts of an Endemic Plant Used as Folk Remedy in Turkey: *Phlomis bourgaei* Boiss.**
Sarikurkcü C., Ozer M. S., Cakir A., Eskici M., METE E.
EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE, 2013 (SCI-Expanded)
- XVI. **N-(2-Benzoyl-ethyl)propan-2-aminium chloride.**
AYDIN A., AKKURT M., Gul H. İ., METE E., SAHIN E.
Acta crystallographica. Section E, Structure reports online, vol.68, 2012 (SCI-Expanded)
- XVII. **N-[2-(4-Methyl-benzo-yl)eth-yl]propan-2-aminium chloride.**
AYDIN A., AKKURT M., Gul H. İ., METE E., SAHIN E.
Acta crystallographica. Section E, Structure reports online, vol.68, 2012 (SCI-Expanded)
- XVIII. **N-[2-(4-Bromobenzoyl)ethyl]isopropylaminium chloride**
Aydin A., AKKURT M., GÜL H. İ., METE E., ŞAHİN E.

- ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.68, 2012 (SCI-Expanded)
- XIX. **Screening of the Antioxidant Activity of the Essential Oil and Methanol Extract of *Mentha pulegium* L. From Turkey**
Sarikurkcü C., Eryigit F., Cengiz M., Tepe B., Cakir A., METE E.
SPECTROSCOPY LETTERS, vol.45, no.5, pp.352-358, 2012 (SCI-Expanded)
- XX. **Anti-genotoxic and anti-oxidant effects of *origanum rotundifolium* on human lymphocytes in vitro**
Ceker S., NARDEMİR G., Alpsoy L., AĞAR G., METE E.
Journal of Essential Oil-Bearing Plants, vol.15, no.3, pp.415-423, 2012 (SCI-Expanded)
- XXI. **Volatile Constituents of *Cnidium silaifolium* (Jacq.) Simonkai subsp. *Orientalis* (Boiss.) Tutin from Turkey**
POLAT T., ÖZER H., Cakir A., KANDEMİR A., METE E., ÖZTÜRK E., Yildiz G.
JOURNAL OF ESSENTIAL OIL BEARING PLANTS, vol.14, no.4, pp.453-457, 2011 (SCI-Expanded)
- XXII. **ANTIBACTERIAL ACTIVITIES OF EXTRACTS AND ESSENTIAL OILS OF THREE ORIGANUM SPECIES AGAINST PLANT PATHOGENIC BACTERIA AND THEIR POTENTIAL USE AS SEED DISINFECTANTS**
DADAŞOĞLU F., AYDIN T., KOTAN R., Cakir A., ÖZER H., KORDALI S., Cakmakci R., DİKBAŞ N., METE E.
JOURNAL OF PLANT PATHOLOGY, vol.93, no.2, pp.271-282, 2011 (SCI-Expanded)
- XXIII. **3-(4-Chlorobenzoyl)-4-(4-chlorophenyl)-1-phenethylpiperidin-4-ol**
Aydin A., AKKURT M., METE E., ŞAHİN E., GÜL H. İ.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.67, 2011 (SCI-Expanded)
- XXIV. **Synthesis and Antifungal Evaluation of 1-Aryl-2-dimethylaminomethyl-2-propen-1-one Hydrochlorides**
Mete E., Gül H. İ., Bilginer S., Algu O., Topaloglu M. E., Güllüce M., Kazaz C.
MOLECULES, vol.16, no.6, pp.4660-4671, 2011 (SCI-Expanded)
- XXV. **Essential oils of catmint (*Nepeta meyeri* Benth.) induce oxidative stress in early seedlings of various weed species**
Mutlu S., ATICI Ö., Esim N., METE E.
ACTA PHYSIOLOGIAE PLANTARUM, vol.33, no.3, pp.943-951, 2011 (SCI-Expanded)
- XXVI. **The Design and Cytotoxic Evaluation of Some 1-Aryl-3-isopropylamino-1-propanone Hydrochlorides towards Human Huh-7 Hepatoma Cells**
METE E., GÜL H. İ., Cetin-Atalay R., Das U., ŞAHİN E., GÜL M., KAZAZ C., Dimmock J. R.
ARCHIV DER PHARMAZIE, vol.344, no.5, pp.333-339, 2011 (SCI-Expanded)
- XXVII. **Synthesis of some Mannich bases with dimethylamine and their hydrazones and evaluation of their cytotoxicity against Jurkat cells**
Kucukoglu K., GÜL M., ATALAY M., METE E., KAZAZ C., HANNINEN O., GÜL H. İ.
ARZNEIMITTEL-FORSCHUNG-DRUG RESEARCH, vol.61, no.6, pp.366-371, 2011 (SCI-Expanded)
- XXVIII. **Biological Activity of 1-Aryl-3-phenethylamino-1-propanone Hydrochlorides and 3-Aroyl-4-aryl-1-phenethyl-4-piperidinols on PC-3 Cells and DNA Topoisomerase I Enzyme**
METE E., GÜL H. İ., Canturk P., TOPÇU Z., Pandit B., GÜL M., Li P.
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.65, pp.647-652, 2010 (SCI-Expanded)
- XXIX. **Essential oil composition and antioxidant activity of *Thymus longicaulis* C. Presl subsp. *longicaulis* var. *longicaulis***
Sarikurkcü C., Ozer M. S., Eskici M., Tepe B., Can S., METE E.
FOOD AND CHEMICAL TOXICOLOGY, vol.48, no.7, pp.1801-1805, 2010 (SCI-Expanded)
- XXX. **Synthesis and Antifungal Activity of 1-Aryl-3-phenethylamino-1-propanone Hydrochlorides and 3-Aroyl-4-aryl-1-phenethyl-4-piperidinols**
METE E., OZELGUL C., KAZAZ C., Yurdakul D., Sahin F., GÜL H. İ.
ARCHIV DER PHARMAZIE, vol.343, no.5, pp.291-300, 2010 (SCI-Expanded)
- XXXI. **Chemical Composition of the Essential Oil of *Tripleurospermum corymbosum* E. Hossain, an Endemic Species from Turkey**
ÖZTÜRK E., ÖZER H., Cakir A., METE E., KANDEMİR A., POLAT T.

- JOURNAL OF ESSENTIAL OIL BEARING PLANTS, vol.13, no.2, pp.148-153, 2010 (SCI-Expanded)
- XXXII. **Antimicrobial Activities of Essential Oil and Hexane Extract of Florence Fennel [*Foeniculum vulgare* var. *azoricum* (Mill.) Thell.] Against Foodborne Microorganisms**
Cetin B., Özer H., Cakir A., Polat T., Dursun A., Mete E., Öztürk E., Ekinçi M.
JOURNAL OF MEDICINAL FOOD, vol.13, no.1, pp.196-204, 2010 (SCI-Expanded)
- XXXIII. **Antibacterial activities of essential oils and extracts of Turkish *Achillea*, *Satureja* and *Thymus* species against plant pathogenic bacteria**
KOTAN R., Cakir A., DADASOĞLU F., AYDIN T., Cakmakci R., ÖZER H., Kordali S., METE E., DİKBAŞ N.
JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE, vol.90, no.1, pp.145-160, 2010 (SCI-Expanded)
- XXXIV. **Essential Oil Composition of *Ferulago setifolia* C. Koch Growing Wild in Eastern Anatolia, Turkey**
POLAT T., ÖZER H., METE E., Cakir A., KANDEMİR A., ÖZTÜRK E.
JOURNAL OF ESSENTIAL OIL BEARING PLANTS, vol.13, no.1, pp.20-24, 2010 (SCI-Expanded)
- XXXV. **Structural Analysis of 1-aryl-3-isopropylamino-1-propanone hydrochlorides**
ANIL B., ŞAHİN E., METE E., GÜL H. İ.
ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.66, 2010 (SCI-Expanded)
- XXXVI. **Studies on the antioxidant activity of essential oil and different solvent extracts of *Vitex agnus castus* L. fruits from Turkey**
Sarikurkcü C., Arisoy K., Tepe B., ÇAKIR A., Abali G., METE E.
FOOD AND CHEMICAL TOXICOLOGY, vol.47, no.10, pp.2479-2483, 2009 (SCI-Expanded)
- XXXVII. **Antifungal and herbicidal properties of essential oils and n-hexane extracts of *Achillea gypsicola* Hub-Mor. and *Achillea biebersteinii* Afan. (Asteraceae)**
Kordali S., ÇAKIR A., Akcin T. A., METE E., Akcin A., AYDIN T., KILIÇ H.
INDUSTRIAL CROPS AND PRODUCTS, vol.29, pp.562-570, 2009 (SCI-Expanded)
- XXXVIII. **Chemical Composition of Hydrodistilled Essential Oil of *Artemisia incana* (L.) DRUCE and Antimicrobial Activity against Foodborne Microorganisms**
CETIN B., ÖZER H., Cakir A., METE E., TOSUN M., ÖZTÜRK E., POLAT T., KANDEMİR A.
CHEMISTRY & BIODIVERSITY, vol.6, no.12, pp.2302-2310, 2009 (SCI-Expanded)
- XXXIX. **Cytotoxicity of 1-Aryl-3-butylamino-1-propanone Hydrochlorides against Jurkat and L6 Cells**
GÜL M., METE E., ATALAY M., ARIK M., GÜL H. İ.
ARZNEIMITTELFORSCHUNG-DRUG RESEARCH, vol.59, no.7, pp.364-369, 2009 (SCI-Expanded)
- XL. **Antifungal, phytotoxic and insecticidal properties of essential oil isolated from Turkish *Origanum acutidens* and its three components, carvacrol, thymol and p-cymene**
Kordali S., ÇAKIR A., ÖZER H., Cakmakci R., KESDEK M., METE E.
BIORESOURCING TECHNOLOGY, vol.99, no.18, pp.8788-8795, 2008 (SCI-Expanded)
- XLI. **Synthesis of 1-aryl-3-phenethylamino-1-propanone hydrochlorides as possible potent cytotoxic agents**
METE E., GÜL H. İ., KAZAZ C.
MOLECULES, vol.12, no.12, pp.2579-2588, 2007 (SCI-Expanded)
- XLII. **An efficient synthesis of (R)-GABOB and of (+/-)-GABOB**
SAHİN E., Kishali N., KELEBEKLI L., Mete E., Secen H., Altundas R., Kara Y.
ORGANIC PREPARATIONS AND PROCEDURES INTERNATIONAL, vol.39, no.5, pp.509-513, 2007 (SCI-Expanded)
- XLIII. **A short synthesis of 4-amino-3-hydroxybutyric acid (GABOB) via allyl cyanide**
Mete E., Maras A., Secen H.
RUSSIAN CHEMICAL BULLETIN, vol.52, no.8, pp.1879-1881, 2003 (SCI-Expanded)
- XLIV. **Studies on the mechanism of base-catalyzed decomposition of bicyclic endoperoxides**
Mete E., Altundas R., Secen H., BALCI M.
TURKISH JOURNAL OF CHEMISTRY, vol.27, no.2, pp.145-153, 2003 (SCI-Expanded)

Articles Published in Other Journals

- I. **Essential Oil Composition of Tanacetum parthenium from Eastern Black Sea Region, Turkey**
ÇOBAN F., ÖZER H., METE E.
Agriculturae Conspectus Scientificus, vol.84, no.1, pp.91-94, 2019 (Scopus)
- II. **Inhibition Effects of Essential Oil of Cymbocarpum erythraeum Dc Boiss on Percentage of Survival from Larvae to Adult in Drosophilamelanogaster and its Chemical Composition**
Aksakal Ö., Uysal H., Altun Çolak D., Mete E., Kaya Y.
Mehmet Akif Ersoy Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.3, pp.32-36, 2012 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Crystal structure of (E,E)-1,3-bis(4-fluorobenzylidene)-indan-2-one**
METE E., GÜL H. İ., ŞAHİN E.
Uluslararası Katılımlı 4. Organik Kimya Kongresi (OrgChemTR-4), Erzurum, Turkey, 4 - 07 October 2018
- II. **Floresans molekül kullanılarak içme suyunda Hg²⁺ iyonu tayini**
METE E., GÜL H. İ., BOZKURT E., ÖZMEN ÖZGÜN D.
AVRASYA Doğal Beslenme ve Sağlıklı Yaşam Zirvesi'2018, Ankara, Turkey, 12 - 15 July 2018
- III. **Detection of Hg²⁺ Ion in Drinking Water by Using Fluorescent Molecule**
METE E., GÜL H. İ., BOZKURT E., ÖZGÜN D. O.
International The International Congress of Eurasian Natural Nutrition and Healthy Life'2018, 12 - 14 July 2018
- IV. **Evaluation of Antimicrobial Activities of 1,3,5-Trisubstituted-pyrazolines**
METE E., GÜL H. İ., ADIGÜZEL A.
3 rd International Multidisciplinary Symposium on Drug Research and Development-DRD 2017, 5 - 07 October 2017
- V. **Anti-Kanser Aktivitesi Olan Yeni Pirazolin Türevleri ve Farklı Çözücüler Arasındaki Etkileşimlerin Spektroskopik Tekniklerle İncelenmesi**
BOZKURT E., GÜL H. İ., METE E.
29. Ulusal Kimya Kongresi, Ankara, Turkey, 10 - 14 September 2017
- VI. **Yeni Sülfonamid Bileşiklerin Antimikrobiyal Aktivitelerinin Değerlendirilmesi**
METE E., GÜL H. İ., ADIGÜZEL A.
5. İlaç Kimyası Kongresi, 30 March - 02 April 2017, pp.110
- VII. **Bazı Pirazolinlerin Sentezi ve Karbonik Anhidraz I İzoenzimi Üzerindeki İnhibisyon Profili**
GÜL H. İ., METE E., TASLIMI P., GÜLÇİN İ., SUPURAN C. T.
5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, 30 March - 02 April 2017
- VIII. **hCA IX and XII Inhibition Studies of 4-[3-(4-Hydroxyphenyl)-5-aryl-4,5-dihydro-pyrazol-1-yl]benzenesulfonamides**
Mete E., Gül H. İ., Yamalı C., Supuran C.
4th International BAU Drug Design Congress Uluslararası Özet bildiri, İstanbul, Turkey, 13 - 16 October 2016
- IX. **Synthesis of 1,3,5 trisubstituted pyrazolines**
Mete E., Çömez B., Gül H. İ.
Anatolian Conference on Synthetic Organic Chemistry ACSOC II, Aydın, Turkey, 21 - 24 March 2016
- X. **Cytotoxicities of New Piperidinols**
METE E., GÜL H. İ., KÜÇÜKOĞLU K.
Trans Mediterranean Colloquium on Heterocyclic Chemistry (TRAMECH), Antalya, Turkey, 11 - 15 November 2015
- XI. **3-Aroil-4-Aril-1-İzopropilamino-4-Piperidinollerin Sentez ve Yapı Aydınlatma Çalışması**
Mete E., Gül H. İ., Küçüköglü K.
27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015
- XII. **Crystal Structure of 3-(Thiophen-2-yl-carbonyl)-4-(thiophen-2-yl)-1-isopropyl-4-piperidinol, C₁₇H₂₁N₂O₂S₂**
Mete E., Gül H. İ., Aydın A., Akkurt M., Şahin E.

International Multidisciplinary Symposium On Drug Research Development, Antalya, Turkey, 28 - 30 November 2013

- XIII. **Variation of Essential Oil Yield and Composition of *Satureja Spicigera* C Koch Boiss Aerial Parts During Different Stages of Plant Growth**
ÇAKMAKÇI R., ERDOĞAN Ü., ERDOĞAN Y., METE E.
The First Mediterranean Symposium on Medicinal and Aromatic Plants (MESMAP-2013), 17 - 20 April 2013
- XIV. **Synthesis of 1-Aryl-2-dimethylaminomethyl-2-propen-1-one Hydrochlorides by Conventional Heating and Microwave Irradiation and Evaluation of Their Antifungal Activities**
Mete E., Bilginer S., Algül Ö., Gül H. İ., Topaloğlu M. E., Güllüce M., Kazaz C.
26. Ulusal Kimya Kongresi, Muğla, Turkey, 1 - 06 October 2012
- XV. **X Ray Analysis of a Cytotoxic Piperidinol Compound, 3-(4-Chlorobenzoyl)-4-(4-chlorophenyl)-1-phenethylpiperidin-4-ol**
Mete E., Gül H. İ., Aydın A., Akkurt M., Şahin E.
EACR-Anticancer Agents Research Congress, Antalya, Turkey, 13 - 16 October 2011
- XVI. **Synthesis and Antifungal Evaluation of 1-Aryl-2-dimethylaminomethyl-2-propen-1-one Hydrochlorides**
Mete E., Bilginer S., Topaloğlu M. E., Güllüce M., Kazaz C., Gül H. İ.
25. Ulusal Kimya Kongresi, Erzurum, Turkey, 27 June - 02 July 2011
- XVII. **Determination of Endogenous Salicylic Acid Levels in Barley and Maize Leaves Grown under Cold Stress by GC MS**
Karadağoğlu Ö., Mutlu S., Tiryaki D., Mete E., Atıcı Ö., Nalbantoğlu B.
25. Ulusal Kimya Kongresi, Erzurum, Turkey, 27 June - 02 July 2011, pp.2
- XVIII. **Structural Analysis of 1-aryl-3-isopropilamino-1-propanone hydrochlorides**
Anıl B., Şahin E., Mete E., Gül H. İ.
26th European Crystallographic Meeting, Darmstadt, Germany, 29 August - 02 September 2010
- XIX. **The Effect of 1-Aryl-3-Phenethylamino-1-Propanone Hydrochlorides and 3-Aroyl-4-Aryl-1-Phenethyl-4-Piperidinols on DNA Topoisomerase I**
Mete E., Gül H. İ., Cantürk P., Topçu Z., Gül M.
IPSMPS 2010 International Postgraduate Student Meeting on Pharmaceutical Sciences, İzmir, Turkey, 24 - 27 June 2010
- XX. **Cytotoxic Activities of Some Mannich Bases Against PC 3 Cells**
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- XXI. **Cytotoxicity of 1-Aryl-3-dimethylamino-1-propanone Hydrochlorides and Corresponding Azine Derivatives against Jurkat Cells**
Gül H. İ., Gül M., Atalay M., Küçükoğlu K., Mete E., Kazaz C.
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- XXII. **Cytotoxicity of 1-aryl-3-phenethylamino-1-propanone hydrochlorides and 3-aryol-4-aryl-1-phenethyl-4-piperidinols against PC-3 cells**
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- XXIII. **Research on essential oil content and components of wild ecotype *Origanum acutidens* in different ecologies of the İspir Region**
ÇAKMAKÇI R., ERDOĞAN Y., ERDOĞAN Ü., KOTAN R., METE E.
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- XXIV. **Cytotoxic Activity of 1-Aryl-3-Isopropylamino-1-Propanone Hydrochlorides Against HUH-7 Cells**
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- XXV. **Cytotoxicity of 1-Aryl-3-Buthylamino-1-Propanone Hydrochlorides against Jurkat Cells**

Mete E., Gül H. İ., Gül M., Atalay M., Arık M.

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- XXVI. **An Efficient Synthesis of (R)-Gabob from (R)-Ethyl 4-Chloro-3-Hydroxy Butanoate and (±)-Gabob from Methyl-Chloro-3-Oxo-Butyrate**
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- XXVII. **Structure Elucidation of mono Mannich base 1-(p-Fluorophenyl)-3-phenethylamino-1-propanone hydrochloride and semicyclic mono Mannich base 3-(p-Fluorobenzoyl)-4-(p-fluorophenyl)-1-phenethyl-4-piperidinol using 1D and 2D NMR Spectroscopy**
METE E., KAZAZ C., GÜL H. İ.
ICOC, International Conference on Organic Chemistry, 5 - 09 June 2007
- XXVIII. **Synthesis of 1-Phenethyl-3-Aroyl-4-Aryl-4-Piperidinols**
METE E., GÜL H. İ., KAZAZ C.
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- XXIX. **Crystal Structure of 3-(p-ChloroBenzoyl)-4-(p-Chlorophenyl)-1-Phenethyl-4-Piperidinol**
ŞAHİN E., KAZAZ C., METE E., GÜL H. İ.
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- XXX. **Structure Elucidation of Mono Mannich Base 1-(p-Methoxyphenyl)-3-Phenethylamino-1-Propanone Hydrochloride and Semicyclic Mono Mannich Base 3-(p-Methoxybenzoyl)-4-(p-Methoxyphenyl)-1-Phenethyl-4-Piperidinol Using 1D and 2D NMR Spectroscopy**
Kazaz C., Mete E., Gül H. İ.
International Symposium on Drug Research and Development "From Chemistry to Medicine" DRD 2007, Antalya, Turkey, 17 - 20 May 2007
- XXXI. **Evaluation of Cytotoxicity of 1-Aryl-3-Phenethylamino-1-Propanone Hydrochlorides and 1-Phenethyl-3-Benzoyl-4-Aryl-4-Piperidinols By Brine Shrimp Bioassay**
Çizmecioglu M. M., Gül H. İ., Mete E.
International Symposium on Drug Research and Development "From Chemistry to Medicine" DRD 2007, Antalya, Turkey, 17 - 20 May 2007
- XXXII. **Antifungal Activities of 3-Phenethylamino-1-Aryl-1-Propanone Hydrochlorides and 3-Aroyl-4-Aryl-1-Phenethyl-4-Piperidinols Against Some Plant and Human Pathogenic Fungi**
Gül H. İ., Özelgül C., Mete E., Şahin F., Yurdakul D.
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- XXXIII. **Synthesis of 3-Phenethylamino-1-Phenyl/Substituted Phenyl-1-Propanone Hydrochlorides**
Mete E., Gül H. İ., Kazaz C.
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- XXXIV. **An Efficient Synthesis of 4-Amino-3-Hydroxybutanoic Acid (GABOB) via Allyl Cyanide**
Mete E., Maraş A., Seçen H.
1st International Meeting on Medicinal and Pharmaceutical Chemistry (IMMPC-1), Ankara, Turkey, 25 - 28 September 2002
- XXXV. **Bisiklik Endoperoksit Düzenlenmesi Kornblum Delamare Düzenlenme Tepkimesinde Baz Şiddetinin ve Halka Geriliminin Etkisi**
METE E., SEÇEN H., BALCI M.
14. Ulusal Kimya Kongresi, Diyarbakır, Turkey, 10 - 15 September 2000
- XXXVI. **Endoperoksitlerin Baz Katalize Düzenlenme Mekanizmaları**
METE E., ALTUNDAŞ R., SEÇEN H., BALCI M.
12. Ulusal Kimya Kongresi, Edirne, Turkey, 7 - 11 September 1998

Supported Projects

METE E., GÜL H. İ., Project Supported by Higher Education Institutions, 2-İNDANON'UN ÇİFT TARAFLI ŞALKON ANALOGLARININ SENTEZİ, YAPI AYDINLATMASI VE SİTOKSİK ETKİLERİNİN ARAŞTIRILMASI, 2016 - 2018
METE E., Project Supported by Higher Education Institutions, BAZI YENİ BENZEN SÜLFONAMİT İÇEREN 1,3,5 TRİSÜBSTİTUE PİRAZOLİNLERİN SENTEZİ VE ANTİMİKROBİYAL AKTİVİTESİNİN ARAŞTIRILMASI, 2013 - 2015

Memberships / Tasks in Scientific Organizations

Kimyagerler Derneği, Member, 2010 - Continues, Turkey

Tasks In Event Organizations

Tanrıverdi Eçik E., METE E., ŞENKUYTU E., ÖZNLÜER ÖZER T., KILIÇ D., SEVİM M., KİMYACILAR İÇİN KARIYER YOLCULUĞU, Workshop Organization, Erzurum, Turkey, Kasım 2022

Metrics

Publication: 87

Citation (WoS): 1557

Citation (Scopus): 1688

H-Index (WoS): 20

H-Index (Scopus): 21

Congress and Symposium Activities

Crystal Structure of (E,E)- 1,3-bis(4-fluorobenzylidene)-indan-2-one, Attendee, Antalya, Turkey, 2018

Detection of Hg²⁺ Ion in Drinking Water by Using Fluorescent Molecule, Attendee, Ankara, Turkey, 2018

Essential Oil Composition Of Tanacetum Parthenium L. From Eastern Black Sea Region, Attendee, Split, Croatia, 2018

3rd International Multidisciplinary Symposium on Drug Research and Development-DRD 2017, Attendee, Erzurum, Turkey, 2017

Bazı Pirazolinlerin Sentezi ve Karbonik Anhidraz I İzoenzimi Üzerindeki İnhibisyon Profili, Attendee, Antalya, Turkey, 2017

Yeni Sülfonamit Bileşiklerin Antimikrobiyal Aktivitelerinin Değerlendirilmesi, Attendee, Antalya, Turkey, 2017

hCA IX and XII Inhibition Studies of 4-[3-(4-Hydroxyphenyl)-5-aryl-4,5-dihydro-pyrazol-1-yl]benzenesulfonamides, Attendee, İstanbul, Turkey, 2016

Synthesis and Anticancer Properties of Vanillin Moiety Containing Mono Mannich Bases, Attendee, İstanbul, Turkey, 2016

Synthesis of 1,3,5-trisubstituted pyrazolines, Attendee, Aydın, Turkey, 2016

Cytotoxicities of New Piperidinols, Attendee, Antalya, Turkey, 2015

Synthesis of New Indanones, Attendee, Antalya, Turkey, 2015

3-Aroil-4-Aril-1-İzopropilamino-4-Piperidinollerin Sentez ve Yapı Aydınlatma Çalışması, Attendee, Çanakkale, Turkey, 2015

Crystal Structure of 3-(Thiophen-2-yl-carbonyl)-4-(thiophen-2-yl)-1-isopropyl-4-piperidinol, C₁₇H₂₁N₂O₂S₂, Attendee, Antalya, Turkey, 2013

Variation of Essential Oil Yield and Composition of Satureja Spicigera (C. Koch). Boiss. Aerial Parts During Different Stages of Plant Growth, Attendee, Cyprus (Kktc), 2013

Synthesis of 1-Aryl-2-dimethylaminomethyl-2-propen-1-one Hydrochlorides by Conventional Heating and Microwave

Irradiation and Evaluation of Their Antifungal Activities, Attendee, Muğla, Turkey, 2012

X Ray Analysis of a Cytotoxic Piperidinol Compound, 3-(4-Chlorobenzoyl)-4-(4-chlorophenyl)-1-phenethylpiperidin-4-ol, Attendee, Antalya, Turkey, 2011

Soğuk Stresi Altında Büyütülen Arpa ve Mısır Yapraklarında İçsel Salisilik Asit Seviyelerinin GC/MS ile Belirlenmesi, Attendee, Erzurum, Turkey, 2011

Synthesis and Antifungal Evaluation of 1-Aryl-2-dimethylaminomethyl-2-propen-1-one Hydrochlorides, Attendee, Erzurum, Turkey, 2011

Structural Analysis of 1-aryl-3-isopropylamino-1-propanone hydrochlorides, Attendee, Darmstadt, Germany, 2010

The Effect of 1-Aryl-3-Phenethylamino-1-Propanone Hydrochlorides and 3-Aroyl-4-Aryl-1-Phenethyl-4-Piperidinols on DNA Topoisomerase I, Attendee, İzmir, Turkey, 2010

Cytotoxic Activities of Some Mannich Bases Against PC-3 Cells, Attendee, İzmir, Turkey, 2010

Cytotoxicity of 1-aryl-3-phenethylamino-1-propanone hydrochlorides and 3-aryol-4-aryl-1-phenethyl-4-piperidinols against PC-3 cells, Attendee, Thessaloniki, Greece, 2010

Cytotoxicity of 1-Aryl-3-dimethylamino-1-propanone Hydrochlorides and Corresponding Azine Derivatives against Jurkat Cells, Attendee, Thessaloniki, Greece, 2010

Çoruh Vadisinde Origanum acutidens Populasyonlarının Uçucu Yağ Kompozisyonu ve Oranlarındaki Varyasyon, Attendee, Hatay, Turkey, 2009

Cytotoxic Activity of 1-Aryl-3-Isopropylamino-1-Propanone Hydrochlorides Against HUH-7 Cells, Attendee, Ankara, Turkey, 2009

Cytotoxicity of 1-Aryl-3-Buthylamino-1-Propanone Hydrochlorides against Jurkat Cells, Attendee, Egypt, 2009

An Efficient Synthesis of (R)-Gabob from (R)-Ethyl 4-Chloro-3-Hydroxy Butanoate and (±)-Gabob from Methyl-Chloro-3-Oxo-Butyrate, Attendee, Lille, France, 2007

Structure Elucidation of Mono Mannich Base 1-(p-Fluorophenyl)-3-Phenethylamino-1-Propanone Hydrochloride and Semicyclic Mono Mannich Base 3-(p-Fluorobenzoyl)-4-(p-Fluorophenyl)-1-Phenethyl-4-Piperidinol Using 1D and 2D NMR Spectroscopy, Attendee, Erzurum, Turkey, 2007

Evaluation of Cytotoxicity of 1-Aryl-3-Phenethylamino-1-Propanone Hydrochlorides and 1-Phenethyl-3-Benzoyl-4-Aryl-4-Piperidinols By Brine Shrimp Bioassay, Attendee, Antalya, Turkey, 2007

Crystal Structure of 3-(p-Chlorobenzoyl)-4-(p-Chlorophenyl)-1-Phenethyl-4-Piperidinol, Attendee, Antalya, Turkey, 2007

Antifungal Activities of 3-Phenethylamino-1-Aryl-1-Propanone Hydrochlorides and 3-Aroyl-4-Aryl-1-Phenethyl-4-Piperidinols Against Some Plant and Human Pathogenic Fungi, Attendee, Antalya, Turkey, 2007

Structure Elucidation of Mono Mannich Base 1-(p-Methoxyphenyl)-3-Phenethylamino-1-Propanone Hydrochloride and Semicyclic Mono Mannich Base 3-(p-Methoxybenzoyl)-4-(p-Methoxyphenyl)-1-Phenethyl-4-Piperidinol Using 1D and 2D NMR Spectroscopy, Attendee, Antalya, Turkey, 2007

Synthesis of 1-Phenethyl-3-Aroyl-4-Aryl-4-Piperidinols, Attendee, Antalya, Turkey, 2007

Synthesis of 3-Phenethylamino-1-Phenyl/Substituted Phenyl-1-Propanone Hydrochlorides, Attendee, Antalya, Turkey, 2007

An Efficient Synthesis of 4-Amino-3-Hydroxybutanoic Acid (GABOB) via Allyl Cyanide, Attendee, Ankara, Turkey, 2002

Bisiklik Endoperoksit Düzenlenmesi: Kornblum-Delamare Düzenlenme Tepkimesinde Baz Şiddetinin ve Halka Geriliminin Etkisi, Attendee, Diyarbakır, Turkey, 2000

Endoperoksitlerin Baz Katalize Düzenlenme Mekanizmaları, Attendee, Edirne, Turkey, 1998

Non Academic Experience

Atatürk Üniversitesi, Fen Fakültesi