

## Assoc. Prof. Mehmet KOCA

### Personal Information

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### International Researcher IDs

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Yoksis Researcher ID: 123242

### Education Information

Doctorate, Ataturk University, Sağlık Bilimleri Fakültesi, Turkey 2011 - 2015

Postgraduate, Ataturk University, Sağlık Bilimleri Fakültesi, Turkey 2009 - 2011

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, 5,6-dimetoksi-1-indanon Türevi Bazı Sekonder Amit Bileşiklerinin Sentezi Ve Alzheimer Hastalığına Karşı In Vitro Aktivitelerinin Araştırılması, Atatürk Üniversitesi, Eczacılık Fakültesi, Farmasötik Kimya, 2015

Postgraduate, 1-aril-2-(4-metilpiperazino)metil-2-propen-1-on Dihidroklörür Kimyasal Yapısına Sahip Mannich Bazlarının Mikro Dalga Yöntemi Ile Sentezi Ve Antifungal Etkilerinin Araştırılması, Atatürk Üniversitesi, Eczacılık Fakültesi, Farmasötik Kimya, 2011

### Research Areas

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

### Academic Titles / Tasks

Assistant Professor, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2016 - Continues

### Academic and Administrative Experience

Head of Department, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2021 - Continues

### Courses

Farmasötik Kimya II, Undergraduate, 2024 - 2025  
Nomenklatür, Undergraduate, 2022 - 2023  
İlaç Bilimi Terminolojisi, Associate Degree, 2023 - 2024  
Mezuniyet Projesi I, Undergraduate, 2023 - 2024  
OTC İlaçlar, Undergraduate, 2023 - 2024  
İlaç Metabolizması, Undergraduate, 2023 - 2024  
Mezuniyet Projesi II, Undergraduate, 2022 - 2023  
Farmasötik Kimya I, Undergraduate, 2023 - 2024  
Farmasötik Kimya II, Undergraduate, 2022 - 2023  
Farmasötik Kimya III, Undergraduate, 2021 - 2022  
Pratik İlaç Bilgisi, Associate Degree, 2021 - 2022  
Araştırma Projesi Dersi II, Undergraduate, 2020 - 2021  
Farmasötik Kimya Laboratuvarı Uygulama Teknikleri, Doctorate, 2021 - 2022  
Farmasötik Kimya I, Undergraduate, 2021 - 2022  
Üniversite Hayatına Giriş, Undergraduate, 2021 - 2022  
Mezuniyet Projesi I, Undergraduate, 2021 - 2022  
Farmasötik Kimya IV, Undergraduate, 2020 - 2021  
OTC, Undergraduate, 2021 - 2022  
İleri Farmasötik Kimya I, Postgraduate, 2021 - 2022  
İlaç Tasarımı I, Doctorate, 2021 - 2022  
Eczane Hizmetleri Uygulamaları I, Associate Degree, 2020 - 2021  
Tıbbi Kimya I, Doctorate, 2020 - 2021  
Farmasötik Kimya II, Undergraduate, 2019 - 2020  
Araştırma Projesi Dersi I, Undergraduate, 2020 - 2021  
OTC İlaçlar, Undergraduate, 2020 - 2021  
Farmasötik Kimya III, Undergraduate, 2020 - 2021  
Mesleki Uygulama, Undergraduate, 2019 - 2020

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Exploring *Astrodaucus orientalis* (L.) Drude: Phytochemical Analysis and its Biological Potential Against Alzheimer's and Diabetes**  
YUCA H., AYDIN B., KARAKAYA S., Goger G., Bingol Z., Civas A., KOCA M., DEMİRCİ B., Sytar O., GÜLÇİN İ., et al.  
CHEMISTRY & BIODIVERSITY, vol.21, no.2, 2024 (SCI-Expanded)
- II. **Comprehensive metabolic profiling of *Thymus canoviridis* (endemic) and *Thymus pubescens* var. *pubescens* using UPLC-MS/MS and evaluation of their antioxidant activities, enzyme inhibition abilities, and molecular docking studies**  
Güven L., Can H., Ertürk A., Miloğlu F., Koca M., İnce F., Gülçin İ.  
South African Journal of Botany, vol.165, pp.478-493, 2024 (SCI-Expanded)
- III. **Phenolic Compounds of *Phlomis tuberosa* by LC-MS/MS-Determination of Antioxidant Activity, Molecular Docking, and Enzyme Inhibition Profiles**  
GÜVEN L., ERTÜRK A., KOCA M., GÜLÇİN İ.  
ChemistrySelect, vol.8, no.48, 2023 (SCI-Expanded)
- IV. **Evaluation of antioxidant potentials and acetylcholinesterase inhibitory effects of some new salicylic acid-salicylamide hybrids**  
KOCA M., GÜLÇİN İ., Üç E. M., Bilginer S., AYDIN A. S.  
Journal of the Iranian Chemical Society, vol.20, no.7, pp.1535-1543, 2023 (SCI-Expanded)
- V. **Some Bioactivities of Isolated Apigenin-7-O-glucoside and Luteolin-7-O-glucoside**  
SEZEN KARAOĞLAN E., HANCI H., KOCA M., KAZAZ C.  
Applied Sciences (Switzerland), vol.13, no.3, 2023 (SCI-Expanded)

- VI. **Synthesis of New Ester Derivatives of Salicylic Acid and Evaluation of Their COX Inhibitory Potential**  
KOCA M., ANIL B., NİŞANCI B., BAYIR Y., Ercan Z., oezakar E.  
CHEMISTRY & BIODIVERSITY, vol.20, no.1, 2023 (SCI-Expanded)
- VII. **Preparation and Characterization of Nanosuspensions of Triiodoaniline Derivative New Contrast Agent, and Investigation into Its Cytotoxicity and Contrast Properties**  
Koca M., Sevinç Özakar R., Özakar E., Sade R., Pirimoğlu B., Özek N. Ş., Aysin F.  
IRANIAN JOURNAL OF PHARMACEUTICAL RESEARCH, vol.21, no.1, 2022 (SCI-Expanded)
- VIII. **Design and Synthesis of Novel Dual Cholinesterase Inhibitors: In Vitro Inhibition Studies Supported with Molecular Docking**  
KOCA M., GÜLLER U., GÜLLER P., Dagalan Z., NİŞANCI B.  
CHEMISTRY & BIODIVERSITY, vol.19, no.6, 2022 (SCI-Expanded)
- IX. **New benzamide derivatives and their nicotinamide/cinnamamide analogs as cholinesterase inhibitors**  
KOCA M., BİLGİNER S.  
MOLECULAR DIVERSITY, vol.26, no.2, pp.1201-1212, 2022 (SCI-Expanded)
- X. **Evaluation of anticholinesterase effect of some Epilobium species and quantification of hyperoside by HPLC**  
KARAKAYA S., SÜNTAR İ., AYDIN B., Dursunoglu B., GÖZCÜ S., ŞENOL O., BAYRAK B., ÖZBEK H., KOCA M., Ceribasi S., et al.  
NATURAL PRODUCT RESEARCH, vol.36, no.5, pp.1296-1299, 2022 (SCI-Expanded)
- XI. **Novel Mannich bases with strong carbonic anhydrases and acetylcholinesterase inhibition effects: 3-(aminomethyl)-6-[3-[4-(trifluoromethyl)phenyl]acryloyl]-2(3H)-benzoxazolones**  
BİLGİNER S., ANIL B., KOCA M., Demir Y., GÜLÇİN İ.  
TURKISH JOURNAL OF CHEMISTRY, vol.45, no.3, pp.805-818, 2021 (SCI-Expanded)
- XII. **A caryophyllene oxide and other potential anticholinesterase and anticancer agent in *Salvia verticillata* subsp. *amasiaca* (Freyn & Bornm.) Bornm. (Lamiaceae)**  
KARAKAYA S., Yilmaz S. V., Ozdemir O., KOCA M., Pinar N. M., Demirci B., Yildirim K., Sytar O., Turkez H., Baser K. H. C.  
JOURNAL OF ESSENTIAL OIL RESEARCH, vol.32, no.6, pp.512-525, 2020 (SCI-Expanded)
- XIII. **Cytotoxic effect and molecular docking studies of essential oils of *Cymbocarpum erythraeum* (DC.) Boiss. (Apiaceae) as potential inhibitors of cholinesterase**  
KARAKAYA S., Ozdemir O., KOCA M., Demirci B., AKSAKAL Ö., Turkez H., Baser K. H. C.  
JOURNAL OF ESSENTIAL OIL RESEARCH, vol.32, no.5, pp.436-448, 2020 (SCI-Expanded)
- XIV. **Screening of non-alkaloid acetylcholinesterase and carbonic anhydrase isoenzymes inhibitors of *Leiotulus dasyanthus* (K. Koch) Pimenov & Ostr. (Apiaceae)**  
KARAKAYA S., Bingol Z., KOCA M., Demirci B., GÜLÇİN İ., Baser K. H. C.  
Journal of Essential Oil Research, vol.32, no.3, pp.227-241, 2020 (SCI-Expanded)
- XV. **Identification of non-alkaloid natural compounds of *Angelica purpurascens* (Avé-Lall.) Gilli. (Apiaceae) with cholinesterase and carbonic anhydrase inhibition potential**  
KARAKAYA S., Bingol Z., KOCA M., Dagoglu S., Pinar N. M., Demirci B., GÜLÇİN İ., Brestic M., Sytar O.  
Saudi Pharmaceutical Journal, vol.28, no.1, pp.1-14, 2020 (SCI-Expanded)
- XVI. **Screening of non-alkaloid acetylcholinesterase inhibitors from extracts and essential oils of *Anthriscus nemorosa* (M.Bieb.) Spreng. (Apiaceae)**  
KARAKAYA S., YILMAZ S., KOCA M., Demirci B., SYTAR O.  
South African Journal of Botany, vol.125, pp.261-269, 2019 (SCI-Expanded)
- XVII. **Antioxidant and anticholinesterase potential of *Ferulago cassia* with farther bio-guided isolation of active coumarin constituents**  
Karakaya S., Koca M., Sytar O., Dursunoğlu B., Özbek H., Duman H., Güvenalp Z., Kılıç C. S.  
South African Journal of Botany, vol.121, pp.536-542, 2019 (SCI-Expanded)
- XVIII. **Antioxidant and anticholinesterase potential of *Ferulago cassia* with farther bio-guided isolation of active coumarin constituents**

- KARAKAYA S., KOCA M., SYTAR O., DURSUNOĞLU B., ÖZBEK H., Duman H., Guyenalp Z., Kilic C. S. SOUTH AFRICAN JOURNAL OF BOTANY, vol.121, pp.536-542, 2019 (SCI-Expanded)
- XIX. **Molecular Docking Studies of Coumarins Isolated from Extracts and Essential Oils of *Zosima absinthifolia* Link as Potential Inhibitors for Alzheimer's Disease**  
KARAKAYA S., KOCA M., Yilmaz S. V., YILDIRIM K., PINAR N. M., Demirci B., Brestic M., Sytar O. MOLECULES, vol.24, no.4, 2019 (SCI-Expanded)
- XX. **The natural phenolic compounds and their antioxidant and anticholinesterase potential of herb *Leiotulus dasyanthus* (K. Koch) Pimenov & Ostr.**  
Karakaya S., Koca M., Sytar O., Duman H. Natural product research, pp.1-3, 2019 (SCI-Expanded)
- XXI. **Determination of natural phenolic compounds of *Ferula longipedunculata* Peşmen and assessment their antioxidant and anticholinesterase potentials**  
KARAKAYA S., KOCA M., Sytar O., DUMAN H. Natural Product Research, 2019 (SCI-Expanded)
- XXII. **Chemical and morphological characterization of *Allium tuncelianum* (Amaryllidaceae) and its antioxidant and anticholinesterase potentials**  
KARAKAYA S., Eksi G., KOCA M., Demirci B., KAYMAK H. Ç., Kaplan M. E., AKSAKAL Ö. Anales del Jardín Botánico de Madrid, vol.76, no.2, pp.1-7, 2019 (SCI-Expanded)
- XXIII. **Antioxidant and anticholinesterase activities of *Ferulago syriaca* Boiss. and *F. isaurica* Peşmen growing in Turkey**  
KARAKAYA S., KOCA M., KILIÇ H., COSKUN M. Medicinal Chemistry Research, vol.27, no.7, pp.1843-1850, 2018 (SCI-Expanded)
- XXIV. **Anticholinesterase activity of extracts and isolated coumarins from roots of *Ferulago blancheana*, *F. Pachyloba*, *F. trachycarpa* and *F. bracteata***  
KARAKAYA S., KOCA M., OKUYUCU M. B., KILIÇ C. S., ÖZBEK H., GÜVENALP Z., DUMAN H., KAZAZ C. Latin American Journal of Pharmacy, vol.37, no.7, pp.1457-1462, 2018 (SCI-Expanded)
- XXV. **Design, synthesis and biological activity of 1H-indene-2-carboxamides as multi-targeted anti-Alzheimer agents**  
KOCA M., Yerdelen K. Ö., ANIL B., KASAP Z., SEVINDIK H. G., OZYUREK I., GUNESACAR G., TURKAYDIN K. JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.31, pp.13-23, 2016 (SCI-Expanded)
- XXVI. **Synthesis of donepezil-based multifunctional agents for the treatment of Alzheimer's disease**  
Yerdelen K. Ö., KOCA M., ANIL B., SEVINDIK H. G., KASAP Z., HALICI Z., TURKAYDIN K., GUNESACAR G. BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, vol.25, no.23, pp.5576-5582, 2015 (SCI-Expanded)
- XXVII. **Preparation, anticholinesterase activity, and docking study of new 2-butenediamide and oxalamide derivatives**  
Yerdelen K. Ö., KOCA M., KASAP Z., ANIL B. JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.30, no.4, pp.671-678, 2015 (SCI-Expanded)
- XXVIII. **Microwave-Assisted Synthesis, Molecular Docking, and Cholinesterase Inhibitory Activities of New Ethanediamide and 2-Butenediamide Analogues**  
KOCA M., Yerdelen K. Ö., ANIL B., KASAP Z. CHEMICAL & PHARMACEUTICAL BULLETIN, vol.63, no.3, pp.210-217, 2015 (SCI-Expanded)
- XXIX. **Synthesis, Docking, Metal Chelating and Biological Activity of New Oxalamide Analogues for Alzheimer Disease**  
KASAP Z., YERDELEN K. O., KOCA M., ANIL B. LATIN AMERICAN JOURNAL OF PHARMACY, vol.34, no.5, pp.924-933, 2015 (SCI-Expanded)

## Articles Published in Other Journals

- I. SYNTHESIS OF TRIODOANILINE, PREPARATION OF NANOSUSPENSIONS, IN VITRO CHARACTERIZATION AND INVESTIGATION OF RADIOCONTRAST PROPERTIES TRİİYODOANİLİN'İN

## SENTEZLENMESİ, NANOSÜSPANSİYONLARININ HAZIRLANMASI, İN VİTRO KARAKTERİZASYONU VE RADYOKONTRAST ÖZELLİKLERİNİN İNCELENMESİ

KOCA M., ÖZAKAR E., SEVİNÇ ÖZAKAR R.

Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.46, no.2, pp.264-283, 2022 (Scopus)

- II. **Synthesis of triiodoaniline, preparation of nanosuspensions, in vitro characterization and investigation of radiocontrast properties Triiyodoanilin'ın sentezlenmesi, nanosüspansiyonlarının hazırlanması, in vitro karakterizasyonu ve radyokontrast özelliklerinin incelenmesi**  
Koca M., Özakar E., Sevinç Özakar R.  
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.45, no.2, pp.264-283, 2021 (Scopus)
- III. **Tyrosinase and cholinesterase inhibitory activities and molecular docking studies on apigenin and vitexin**  
SEZEN KARAOĞLAN E., KOCA M.  
ISTANBUL JOURNAL OF PHARMACY, vol.50, no.3, pp.268-271, 2020 (ESCI)
- IV. **Türkiye'de yetişen Heliotropium dolosum, H. lasiocarpum ve H. hirsutissimum'un Antioksidan ve Antikolinesteraz Aktiviteleri**  
KARAKAYA S., KOCA M., KILIÇ C. S.  
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.12, no.3, pp.1381-1391, 2019 (Peer-Reviewed Journal)
- V. **Antioxidant and anticholinesterase activities of Juglans regia L. Growing in Turkey**  
KARAKAYA S., KOCA M., YEŞİLYURT F., HACİMÜFTÜOĞLU A.  
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.43, no.3, pp.230-238, 2019 (Scopus)
- VI. **Antioxidant, Antimicrobial and Anticholinesterase Activities of Ferulago pauciradiata Boiss. & Heldr. Growing in Turkey**  
KARAKAYA S., KOCA M., ŞİMŞEK D., DELİMUSTAFAOĞLU BOSTANLIK F., ÖZBEK H., KILIÇ C. S., GÜVENALP Z., DEMİRCİ B., ALTANLAR N.  
Journal of Biologically Active Products from Nature, vol.8, no.6, pp.364-375, 2018 (Scopus)

## Books & Book Chapters

### I. Patlayıcı ve Parlayıcı Maddelerden Korunma

NİŞANCI B., BAYRAKÇEKEN NİŞANCI F., KILIÇ H., ATMACA U., DALKILIÇ E., KOCA M.

in: Patlayıcı-Parlayıcı Maddeler ve Önlemleri, , Editor, ATATÜRK ÜNİVERSİTESİ AÇIKÖĞRETİM FAKÜLTESİ, 2017

## Refereed Congress / Symposium Publications in Proceedings

- I. **Türkiye'de Yetişen Anthriscus nemorosa (M.Bieb.) Spreng. ve Zosima absinthifolia Link (Apiaceae) Türlerinin Anatomik Özelliklerinin ve Antikolinesteraz Aktivitelerinin İncelenmesi.**  
YILMAZ S. V., YILDIRIM K., KOCA M., KARAKAYA S.  
7. Ulusal Botanik Kongresi, Turkey, 9 - 11 October 2020
- II. **Synthesis of a New Molecule in the Structure of N- (4-chlorobenzyl) -N- (4-chlorophenyl) -4-nitrobenzamide under microwave irradiation and Evaluation of in vitro Cholinesterase Inhibition Effects**  
Koca M.  
32. Ulusal Kimya Kongresi, Eskişehir, Turkey, 17 - 19 September 2020, pp.160-161
- III. **Synthesis of N- (4-Chlorobenzyl) -4-Fluoro-N- (4-Fluorophenyl) Benzamide Under Microwave irradiation and Evaluation of in Vitro Cholinesterase Inhibition Potential**  
Koca M.  
UTSAK, Çorum, Turkey, 22 - 23 August 2020, pp.36-37
- IV. **Synthesis, Cholinesterase Inhibition and Molecular Docking Studies of Novel Mannich Bases of Banzoxazolone Chalcone Compounds**

Bilginer S., Koca M.

8. International Drug Chemistry Conference, Antalya, Turkey, 27 February - 01 March 2020

- V. **Acetylcholinesterase and Butyrylcholinesterase Inhibitory Activities of the Capitulum of *Helichrysum plicatum* subsp. *plicatum***  
Güven L., Kaya Y., Koca M.  
3. International Conference on Agriculture, Food, Veterinary and Pharmacy Sciences (ICAFOP 2019/Trabzon), Trabzon, Turkey, 16 - 18 April 2019
- VI. **BAZI İLAÇ MOLEKÜLLERİNİN SENTEZİNDE MİKRODALGA IŞIMA İLE KONVANSİYONEL SENTEZ YÖNTEMLERİNİN KARŞILAŞTIRILMASI**  
KOCA M., NALDAN M. E.  
AHTAMARA I. ULUSLARARASI MULTİDİSİPLİNER ÇALIŞMALAR KONGRESİ, 25 - 26 August 2018
- VII. **Antibacterial, anticholinesterase,  $\alpha$ -amylase and  $\alpha$ -glucosidase inhibitory activities of *Ferulago mughlae* Pesmen and *Ferulago sandrasica* Pesmen Quézel growing in Turkey**  
KARAKAYA S., DELİMUSTAFAOĞLU BOSTANLIK F., KOCA M., ŞİMŞEK D., GÖZCÜ S., YUCA H., ÖZBEK H., KILIÇ C. S., GÜVENALP Z., ALTANLAR N.  
12th International Symposium on Pharmaceutical Sciences (ISOPS), 26 - 29 June 2018
- VIII. **ANTIBACTERIAL, ANTICHOLINESTERASE,  $\alpha$ -AMYLASE AND  $\alpha$ -GLUCOSIDASE INHIBITORY ACTIVITIES OF *FERULAGO MUGHLAE* PEŞMEN AND *FERULAGO SANDRASICA* PESMEN QUÉZEL GROWING IN TURKEY**  
KARAKAYA S., BOSTANLIK F., KOCA M., ŞİMŞEK D., GÖZCÜ S., YUCA H., ÖZBEK H., KILIÇ C. S., GÜVENALP Z., ALTANLAR N.  
ISOPS-12th International Symposium on Pharmaceutical Sciences, 26 - 29 June 2018
- IX. **Antioxidant, antimicrobial and anticholinesterase activities of *Ferulago pauciradiata* Boiss. Heldr. growing in Turkey**  
KARAKAYA S., KOCA M., ÖZBEK H., ŞİMŞEK D., DELİMUSTAFAOĞLU BOSTANLIK F., GÜVENALP Z., DEMİRCİ B., ALTANLAR N., KILIÇ C. S.  
International Conference on Advances in Plant Sciences ICAPS, 25 - 27 April 2018
- X. **Synthesis of 4-(2-(5,6-dimethoxy-1H-inden-1-ylidene)hydrazineyl)benzenesulfonamide and Its Structural Elucidation by NMRs**  
Koca M., GÜL H. İ.  
3 rd International Multidisciplinary Symposium on Drug Research and Development, Erzurum, Turkey, 5 - 07 October 2017, pp.1
- XI. **Okzoidan yapısında sekonder amit türevi bazı yeni bileşlerde gerçekleştirilen modifikasyonların kolinesteraz inhibisyonu üzerindeki etkisinin değerlendirilmesi**  
KOCA M., YERDELEN K. Ö., KASAP Z., ANIL B.  
1.ULUSAL MARMARA ECZACILIK KONGRESİ, İstanbul, Turkey, 3 - 05 November 2016
- XII. **ChE inhibition and A $\beta$  aggregation activities of 1H Indene 2 carboxamidederivatives as anti Alzheimer agents**  
KOCA M., ANIL B., İBRAHİM Ö., ZEYNEP K., EKREM K., YERDELEN K. Ö.  
International Eurasia Pharmacy Congress, Erzincan, Turkey, 3 - 07 September 2015
- XIII. **Biological activity of new cholinesterase inhibitors for Alzheimer disease**  
Zeynep K., YERDELEN K. Ö., KOCA M., Ekrem K., ANIL B.  
11. International Symposium on Pharmaceutical Sciences, 9 - 12 June 2015
- XIV. **BIOLOGICAL ACTIVITY OF NEW CHOLINESTERASE INHIBITORS FOR ALZHEIMER S DISEASE**  
KASAP Z., YERDELEN K. Ö., KOCA M., KARABİBER E., ANIL B.  
11 th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 9 - 12 May 2015
- XV. **SYNTHESIS AND BIOLOGICAL EVALUATION OF FUMARAMIDES AS POTENTIAL CHE INHIBITORS**  
KOCA M., ZEYNEP K., EDİP T., YERDELEN K. Ö., ANIL B.  
11 th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 9 - 12 May 2015
- XVI. **New 2 Butenediamide and Oxalamide Derivatives Synthesis and Study of Anticholinesterase Activity**  
ANIL B., YERDELEN K. Ö., KOCA M., ZEYNEP K.

Anatolian Conference on Synthetic Organic Chemistry, Antalya, Turkey, 16 - 19 March 2015

- XVII. **Mikrodalga Destekli Yeni etandiamid ve 2 bütandiamid Analoglarının Sentezleri Moleküler Yerleştirme metodu ve kolinesteraz inhibitör Etkileri**  
ANIL B., YERDELEN K. Ö., KOCA M., ZEYNEP K.  
3.İlaç Kimyası Kongresi, Antalya, Turkey, 20 - 22 March 2015

## Supported Projects

- KOCA M., SERDAR M., NİŞANCI B., Project Supported by Higher Education Institutions, Bazı Yeni Nfuranliyofen2ilmetilbenzamidésulfonamit Türevlerinin Kolinesteraz İnhibitor Potansiyellerinin Değerlendirilmesi, 2023 - 2024
- KOCA M., ANIL B., BİLGİNER S., Project Supported by Higher Education Institutions, Potansiyel karbonik anhidraz inhibe edici özelliğe sahip metansulfonamit ve benzensulfonamit türevi tiyoüre artığı taşıyan yeni pirazolin bileşiklerinin tasarımı sentezi ve yapılarının aydınlatılması, 2021 - 2022
- KOCA M., NİŞANCI B., BAYIR Y., ERCAN Z., ANIL B., Project Supported by Higher Education Institutions, SALİSİLİK ASİTİN OHİDROKSİL GRUBUNUN DEĞİŞİK ASİTLERLE OLUŞTURACAĞI YENİ ESTER TÜREVLERİNİN SENTEZİ VE BUNLARIN COX İNHİBİSYON AKTİVİTELERİNİN İNSİLİKO MOLEKÜLER MODELLEME VE İN VİTRO ÇALIŞMALARLA DEĞERLENDİRİLMESİ, 2020 - 2022
- KARAKAYA S., YILMAZ S. V., KOCA M., Project Supported by Higher Education Institutions, Anthriscus nemorosa MBieb Spreng ve Zosima absinthifolia Link Türleri Üzerinde Araştırmalar, 2019 - 2021
- KOCA M., BİLGİNER S., Project Supported by Higher Education Institutions, N-(4-klorobenzil) N-(3,4-süstitüe fenil) nikotinamit türevlerinin ve benzamit analoglarının sentezi ve in vitro kolinesteraz inhibisyon etkilerinin değerlendirilmesi, 2020 - 2020
- AKSAKAL Ö., KAYMAK H. Ç., KARAKAYA S., KOCA M., Project Supported by Higher Education Institutions, Allium tuncelianum Kollman Özhatay Mattheww Şiranecei Bitkisinin Uçucu Yağlarının Kimyasal Karakterizasyonu ve Antikolinesteraz Etkisinin Araştırılması, 2019 - 2019
- KARAKAYA S., KOCA M., Project Supported by Higher Education Institutions, Malabaila dasyantha C Koch Grossh Bitkisinin Antikolinesteraz Etkisinin Araştırılması, 2018 - 2018

## Metrics

- Publication: 54  
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