

Prof. CANAN KUŞ

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAG-1458-2020

ScopusID: 6604012977

Yoksis Researcher ID: 9568

Biography

Canan KUŞ completed her Ph.D. at Ankara University in 1998 and attained full tenure as a professor in 2009. Some of the highlights of her scholarship includes her postdoctoral studies as a researcher on a new project called "uPA (Urokinase-type Plasminogen Activator) Inhibitor Group Studies" at University of Arizona School of Pharmacy in 2007 in Arizona, U.S. She has published more than 39 papers in reputed journals. She received the First Winner Prize from Novartis Drug Company Pharmaceutical and Medicinal Chemistry in 2007. She was the recipient of a week-long scholarship from the Residential School on Medicinal Chemistry at Drew University in New Jersey, U.S. in June 16-20, 1997.

Education Information

Doctorate, Ankara University, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya (Dr), Turkey 1992 - 1998

Postgraduate, Ankara University, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya (YI) (Tezli), Turkey 1989 - 1992

Undergraduate, Ankara University, Eczacılık Fakültesi, Eczacılık Pr., Turkey 1984 - 1988

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, 5-fluoro-1,2,6-trisubstitüe benzimidazol karboksilat ya da amid türevlerinin sentez, yapı-aydınlatılması ve antimikrobiyal etkileri üzerinde çalışmalar, Ankara University, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya (Dr), 1998

Postgraduate, 1,2,5(6)-trisubstitüe benzimidazol türevlerinin sentez, yapı-aydınlatması ve mikrobiyolojik etkileri üzerinde çalışmalar, Ankara University, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya (YI) (Tezli), 1992

Research Areas

Pharmaceutical Chemistry

Academic Titles / Tasks

Professor, Ankara University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2009 - Continues
Associate Professor, Ankara University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2003 - 2009
Assistant Professor, Ankara University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2001 - 2003
Research Assistant, Ankara University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 1989 - 2001

Courses

Araştırma Projesi II Teo., Undergraduate, 2023 - 2024
Farmasötik Kimya 6. yy, Undergraduate, 2023 - 2024
SPEC. İLAÇ YAPI ANAL. IR SPEKTROSKOPSİ, Postgraduate, 2023 - 2024
Kalitatif Ve Kantitatif İlaç Analizleri, Postgraduate, 2024 - 2025
Araştırma Projesi, Undergraduate, 2023 - 2024
Spektral Organik Madde Analizleri, Postgraduate, 2024 - 2025
Farmasötik Kimya I, Undergraduate, 2024 - 2025
Farmasötik Kimyaya Giriş, Undergraduate, 2023 - 2024
Farmasötik Kimya III lab., Undergraduate, 2024 - 2025
Organik Kimyada İleri Konular II, Postgraduate, 2023 - 2024
Spektroskopik ilaç yapı analizlerinde IR spektroskopisi ve uygulaması, Postgraduate, 2024 - 2025
Uzmanlık Alan Dersi, Doctorate, 2023 - 2024
Araştırma Projesi, Undergraduate, 2024 - 2025
Undergraduate, 2023 - 2024
İlaç Kal. Komt. Kim.Prensipier, Doctorate, 2023 - 2024
Farm. Kimyada İleri Konular II, Doctorate, 2023 - 2024
İlaç. Sent. Reak. Ortam Optim., Doctorate, 2023 - 2024
İleri Organik Kimya Reak. Mek., Doctorate, 2023 - 2024
Farmasötik ve Medisinal Kimyada İleri Konular II, Postgraduate, 2018 - 2019
Heterosiklik Bileşikler I, Postgraduate, 2018 - 2019
FARMASÖTİK KİMYA UYGULAMA III, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
Uzmanlık Alan Dersi, Doctorate, 2018 - 2019
Tez yükü, Doctorate, 2018 - 2019
ARAŞTIRMA PROJESİ DERSİ TEO., Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
ARAŞTIRMA PROJESİ DERSİ PR., Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
FARMASÖTİK KİMYA I TEO., Undergraduate, 2018 - 2019, 2016 - 2017, 2015 - 2016, 2014 - 2015
UZMANLIK ALAN DERSİ, Postgraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
SEMİNER, Doctorate, 2017 - 2018, 2016 - 2017
TEZ ÇALIŞMASI, Postgraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016
ORGANİK KİMYADA İLERİ KONULAR II, Doctorate, 2017 - 2018, 2014 - 2015
SP. UV, Postgraduate, 2017 - 2018
SP. IR, Postgraduate, 2017 - 2018, 2015 - 2016
Günümüz ve Geleceğin Yeni İlaçları, Postgraduate, 2016 - 2017
Spec. UV, Postgraduate, 2016 - 2017
Kalitatif Kantitatif İlaç Anal., Postgraduate, 2016 - 2017
Kalitatif ve Kantitatif İlaç Analizleri I, Postgraduate, 2015 - 2016
Sp. UV, Doctorate, 2015 - 2016
Organik Kimyada İleri Konular I, Doctorate, 2015 - 2016
Seminer, Postgraduate, 2015 - 2016
Farmasötik Kimya Alan Uygulama Dersi, Doctorate, 2015 - 2016, 2014 - 2015
Farmasötik Kimya Uygulama IV, Undergraduate, 2015 - 2016
Antiseptik Dezenfektanlar ve Farklı Enfeksiyonlarda Kul. İlaçlar, Undergraduate, 2015 - 2016
FARMASÖTİK KİMYA II TEO., Undergraduate, 2015 - 2016, 2014 - 2015

Tedavide Farklı İlaç Grupları, Undergraduate, 2015 - 2016, 2014 - 2015
Spec. İlaç Yapı Anal. NMR Sp. ve Uyg., Doctorate, 2015 - 2016
Farmasötik Kimya IV Uyg., Undergraduate, 2014 - 2015
Sp. İlaç Yapı Anal. NMR Sp. ve Uyg., Postgraduate, 2014 - 2015
Spec. İlaç Yapı Anal. IR Spektroskopisi, Postgraduate, 2014 - 2015
Spek. İlaç Yapı Anal. UV Spektrokopisi ve Uyg., Postgraduate, 2014 - 2015
Kimyasal Adlandırma, Postgraduate, 2014 - 2015
Antiseptik Dezenfektanlar ve Farklı Enfeksiyonlarda Kullanılan İlaçlar, Postgraduate, 2014 - 2015
Spek. Yapı Anal. IR, Postgraduate, 2013 - 2014
Organik Kimya II, Undergraduate, 2013 - 2014
Organik Kimyada Laboratuvar Tekniği, Postgraduate, 2013 - 2014
Spektroskopik İlaç Yapı Anal. UV, Postgraduate, 2013 - 2014
Antiseptik Dezenfektanlar ve Farklı Enfeksiyonlarda Kullanılan İlaçlar, Undergraduate, 2013 - 2014
Farmasötik Kimya I-II, Undergraduate, 2010 - 2011, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003

Supervised Theses

Kuş C., Yeni Benzimidazol Türevlerinin Tasarlanması Docking Çalışmaları Sentez ve Antienflamatuvar, Antioksidan Aktivitelerinin Araştırılması, Doctorate, H.Mohammed(Student), 2024
Kuş C., Yeni bazı benzimidazol türevlerinin sentez, yapı aydınlatılması ve antimikrobiyal aktivitelerinin incelenmesi, Postgraduate, E.ÖZER(Student), 2018
KUŞ C., Yeni bazı oksazolidinon türevlerinin sentez, yapı aydınlatılması, antibakteriyel ve antifungal aktivitelerinin incelenmesi, Postgraduate, E.UĞURLU(Student), 2011
KUŞ C., Yeni bazı benzimidazol türevlerinin sentez, yapı aydınlatılması, antimikrobiyal ve antioksidan aktivitelerinin incelenmesi, Postgraduate, F.SÖZÜDÖNMEZ(Student), 2008

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Design, Synthesis, Antimicrobial Evaluation, Antioxidant Studies, and Molecular Docking of Some New 1H-Benzimidazole Derivatives**
Kuş C., Ozer E., Osman H. M., Sozudonmez F., Simsek D., Altanlar N., Basaran R., Güven N. M., Koçyiğit A., Can-Eke B. ChemistrySelect, vol.8, no.5, 2023 (SCI-Expanded)
- II. **Incorporation of Protecting Groups in Organic Chemistry: A Mini-Review**
Kışla M. M., Hassan M. A., Osman H. M., Aydın A. S., Sen H. T., Khazei S., Kul P., Kuş C. CURRENT ORGANIC SYNTHESIS, vol.20, no.5, pp.491-503, 2023 (SCI-Expanded)
- III. **Restricted rotation around the methylene bridge of 5-(2-p-(chlorophenyl)benzimidazole-1-yl)methyl-4-(o-substitutedphenyl)-2,4-dihydro-[1,2,4]-triazole-3-thiones as evidenced by NMR, X-RAY and DFT studies and the importance of low energy rotational conformers**
KARAYEL A., Ozbey S., KUŞ C., KILCIGİL G. JOURNAL OF MOLECULAR STRUCTURE, vol.1177, pp.476-484, 2019 (SCI-Expanded)
- IV. **Benzamide and Benzamidine Compounds as New Inhibitors of Urokinase-type Plasminogen Activators**
KUŞ C., Ozer E., Korkmaz Y., Yurtcu E., DAĞALP R. MINI-REVIEWS IN MEDICINAL CHEMISTRY, vol.18, no.20, pp.1753-1758, 2018 (SCI-Expanded)
- V. **Novel Antipsychotic Drugs Approved in 2015 Brexpiprazole Cariprazine Aripiprazole Lauroxil**
KUŞ C. Medicinal chemistry, vol.6, no.6, 2016 (SCI-Expanded)
- VI. **Crystal structures and intermolecular interactions of two novel antioxidant triazolyl-benzimidazole compounds**

- Karayel A., Ozbey S., KILCIGİL G., Kus C.
Crystallography Reports, vol.60, no.7, pp.1084-1088, 2015 (SCI-Expanded)
- VII. **Identification of a Novel Series of N-Phenyl-5-[(2-phenylbenzimidazol-1-yl)methyl]-1,3,4-oxadiazol-2-amines as Potent Antioxidants and Radical Scavengers**
KILCIGİL G., KUŞ C., ÇOBAN T., ÖZDAMAR E. D., EKE B.
ARCHIV DER PHARMAZIE, vol.347, no.4, pp.276-282, 2014 (SCI-Expanded)
- VIII. **NMR, X-RAY and DFT studies on antioxidant triazolyl-benzimidazole derivatives**
KARAYEL A., ÖZBEY S., KILCIGİL G., KUŞ C.
ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.67, 2011 (SCI-Expanded)
- IX. **Antioxidant and Antifungal Properties of Benzimidazole Derivatives**
KUŞ C., Sozudonmez F., EKE B., ÇOBAN T.
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.65, no.9-10, pp.537-542, 2010 (SCI-Expanded)
- X. **Crystal Structures and Radical-Scavenging Mechanism Investigation by X-Ray and Quantum Mechanical Methods of Antioxidant Triazolyl-Benzimidazole Derivatives**
Karayel A., ÖZBEY S., KILCIGİL G., KUŞ C.
ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.66, 2010 (SCI-Expanded)
- XI. **Synthesis, Antimicrobial and Antioxidant Activities of Some Benzimidazole Derivatives**
KUŞ C., KILCIGİL G., TUNÇBİLEK M., ALTANLAR N., Coban T., EKE B., Iscan M.
LETTERS IN DRUG DESIGN & DISCOVERY, vol.6, no.5, pp.374-379, 2009 (SCI-Expanded)
- XII. **Synthesis and Antimicrobial Activity of Some Novel 2-[4-(Substituted Piperazin-/Piperidin-1-ylcarbonyl)phenyl]-1H-benzimidazole Derivatives**
KUŞ C., Soezuedoenmez F., ALTANLAR N.
ARCHIV DER PHARMAZIE, vol.342, no.1, pp.54-60, 2009 (SCI-Expanded)
- XIII. **Synthesis and antioxidant properties of novel N-methyl-1,3,4-thiadiazol-2-amine and 4-methyl-2H-1,2,4-triazole-3(4H)-thione derivatives of benzimidazole class**
KUŞ C., KILCIGİL G., ÖZBEY S., KAYNAK F. B., Kaya M., Coban T., EKE B.
Bioorganic and Medicinal Chemistry, vol.16, no.8, pp.4294-4303, 2008 (SCI-Expanded)
- XIV. **Synthesis and antioxidant capacities of some new benzimidazole derivatives**
KILCIGİL G., Kus C., Ozdamar E. D., EKE B., Iscan M.
ARCHIV DER PHARMAZIE, vol.340, no.11, pp.607-611, 2007 (SCI-Expanded)
- XV. **Crystal Structures and Interactions in Packing of Novel Thiadiazolyl - and Triazolyl-benzimidazole Derivatives**
KAYNAK F. B., ÖZBEY S., KILCIGİL G., KUŞ C.
ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.63, 2007 (SCI-Expanded)
- XVI. **Synthesis, crystal and molecular structures of 1-n-butyl-2-(3'-chlorophenyl)-1H-benzimidazole-5-carbonitrile hemihydrate and 1-n-butyl-2-(3',4'-dimethoxyphenyl)-1H-benzimidazole-5-carbonitrile**
Kazak C., YILMAZ V. T., GÖKER A. H., Kus C.
Crystal Research and Technology, vol.41, no.5, pp.528-532, 2006 (SCI-Expanded)
- XVII. **Synthesis and potent antimicrobial activities of some novel retinoidal monocationic benzimidazoles**
ALAGÖZ Z., Alp M., Kus C., Yildiz S., Buyukbingol E., GÖKER A. H.
Archiv der Pharmazie, vol.339, no.2, pp.74-80, 2006 (SCI-Expanded)
- XVIII. **Synthesis, antioxidant and radical scavenging activities of novel benzimidazoles**
KILCIGİL G., Ku C., Coban T., Can-Eke B., Ozbey S., Iscan M.
Journal of Enzyme Inhibition and Medicinal Chemistry, vol.20, no.5, pp.503-514, 2005 (SCI-Expanded)
- XIX. **Synthesis and antioxidant properties of novel benzimidazoles containing substituted indole or 1,1,4,4-tetramethyl-1,2,3,4-tetrahydro-naphthalene fragments**
ALAGÖZ Z., Kus C., Coban T.
Journal of Enzyme Inhibition and Medicinal Chemistry, vol.20, no.4, pp.325-331, 2005 (SCI-Expanded)
- XX. **Synthesis and antimicrobial evaluation of some new 2-(2-(p-chlorophenyl) benzimidazol-1-yl methyl)-5-substituted amino-[1,3,4]-thiadiazoles**

- Kilcigil G., Kus C., Altanlar N., Ozbey S.
TURKISH JOURNAL OF CHEMISTRY, vol.29, no.2, pp.153-162, 2005 (SCI-Expanded)
- XXI. **Synthesis and crystal structure elucidation of 1-(4-fluorobenzyl)-2-(4-cyanophenyl)-1H-benzimidazole-5-carbonitrile**
Ozbey S., KAYNAK F. B., GÖKER A. H., Kus C.
JOURNAL OF CHEMICAL CRYSTALLOGRAPHY, vol.34, no.12, pp.851-858, 2004 (SCI-Expanded)
- XXII. **1-n-Butyl-2-(4'-fluorophenyl)-1H-benzimidazole-6-carbonitrile**
Kazak C., YILMAZ V. T., GÖKER A. H., Kus C.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.60, 2004 (SCI-Expanded)
- XXIII. **Synthesis and antioxidant properties of novel benzimidazole derivatives**
KILCIGİL G., Kus C., Coban T., Can-Eke B., Iscan M.
Journal of Enzyme Inhibition and Medicinal Chemistry, vol.19, no.2, pp.129-135, 2004 (SCI-Expanded)
- XXIV. **Synthesis and antioxidant properties of some novel benzimidazole derivatives on lipid peroxidation in the rat liver**
Kus C., KILCIGİL G., EKE B., Iscan M.
ARCHIVES OF PHARMACAL RESEARCH, vol.27, no.2, pp.156-163, 2004 (SCI-Expanded)
- XXV. **Synthesis of some new benzimidazole carbamate derivatives for evaluation of antifungal activity**
Kus C., Altanlar N.
TURKISH JOURNAL OF CHEMISTRY, vol.27, no.1, pp.35-39, 2003 (SCI-Expanded)
- XXVI. **2-(2,4-Dichlorophenyl)-5-fluoro-6-morpholin-4-yl-1H-benzimidazole monohydrate**
Ozbey S., KAYNAK F. B., Kus C., GÖKER A. H.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.58, 2002 (SCI-Expanded)
- XXVII. **Synthesis of some new 2-substituted-phenyl-1H-benzimidazole-5-carbonitriles and their potent activity against Candida species**
GÖKER A. H., Kus C., Boykin D., Yildiz S., Altanlar N.
BIOORGANIC & MEDICINAL CHEMISTRY, vol.10, no.8, pp.2589-2596, 2002 (SCI-Expanded)
- XXVIII. **5-methyl-2-(4-methylbenzoyloxy)acetophenone**
Kazak C., Aygun M., Kus C., Ozbey S., Buyukgungor O.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.58, 2002 (SCI-Expanded)
- XXIX. **Synthesis of new substituted 6-(morpholin-4-yl)-1H-benzimidazole derivatives**
Kus C.
TURKISH JOURNAL OF CHEMISTRY, vol.26, no.4, pp.559-564, 2002 (SCI-Expanded)
- XXX. **Synthesis of some new N-Isopropylamidinobenzimidazoles as potential topoisomerase inhibitors**
KUŞ C., Boykin D., GÖKER A. H.
HETEROCYCLIC COMMUNICATIONS, vol.8, no.3, pp.215-220, 2002 (SCI-Expanded)
- XXXI. **Synthesis of some new N-isopropylamidinobenzimidazoles as potential topoisomerase inhibitors**
KUŞ C., Boykin D. W., GÖKER A. H.
Heterocyclic Communications, vol.8, no.3, pp.215-220, 2002 (SCI-Expanded)
- XXXII. **Synthesis and antimicrobial activities of 5-fluoro-1,2,6-trisubstituted benzimidazole carboxamide and acetamide derivatives**
Kus C., GÖKER A. H., Altanlar N.
ARCHIV DER PHARMAZIE, vol.334, no.11, pp.361-365, 2001 (SCI-Expanded)
- XXXIII. **Crystal structure of 1-cyclopropyl-2-ethyl-5-fluoro-6-(4-methylpiperazin-1-yl)-1H-benzimidazole**
Ozbey S., Kus C., GÖKER A. H.
ANALYTICAL SCIENCES, vol.17, no.8, pp.1019-1020, 2001 (SCI-Expanded)
- XXXIV. **Synthesis and antimicrobial activity of some new 2-phenyl-N-substituted carboxamido-1H-benzimidazole derivatives**
GÖKER A. H., Tuncbilek M., Suzen S., Kus C., Altanlar N.
ARCHIV DER PHARMAZIE, vol.334, no.5, pp.148-152, 2001 (SCI-Expanded)
- XXXV. **Synthesis of new 2-aryl-4H-4-oxo-1-benzopyran oxime ethers**
GÖKER A. H., Suzen S., KUŞ C., Boykin D.

- HETEROCYCLIC COMMUNICATIONS, vol.6, no.5, pp.385-390, 2000 (SCI-Expanded)
- XXXVI. **Synthesis and antihistaminic H1 activity of 1,2,5(6)-trisubstituted benzimidazoles**
GÖKER A. H., Ayhan-Kilcigil G., TUNÇBİLEK M., KUŞ C., Ertan R., Kendi E., ÖZBEY S., Fort M., Garcia C., Farré A. J.
Heterocycles, vol.51, no.11, pp.2561-2573, 1999 (SCI-Expanded)
- XXXVII. **Synthesis and antihistaminic H-1 activity of 1,2,5(6)-trisubstituted benzimidazoles**
GÖKER A. H., KILCIGİL G., Tuncbilek M., Kus C., Ertan R., Kendi E., Ozbey S., Fort M., Garcia C., Farre A.
HETEROCYCLES, vol.51, no.11, pp.2561-2573, 1999 (SCI-Expanded)
- XXXVIII. **Synthesis and antimicrobial activity of some new piperidinyl benzimidazoles**
Kus C., GÖKER A. H., Ayhan G., Ertan R., Altanlar N., Akin A.
FARMACO, vol.51, no.6, pp.413-417, 1996 (SCI-Expanded)
- XXXIX. **SYNTHESIS OF 1,2,5(6)-TRISUBSTITUTED BENZIMIDAZOLES AND EVALUATION OF THEIR ANTIMICROBIAL ACTIVITIES**
GÖKER A. H., KUS C., ABBASOĞLU U.
ARCHIV DER PHARMAZIE, vol.328, no.5, pp.425-430, 1995 (SCI-Expanded)

Articles Published in Other Journals

- I. **A research for some oxazolidinones to evaluate their antimicrobial activity Yeni oksazolidinonların antimikrobiyal aktivitelerini değerlendiren bir araştırma**
KUŞ C., Ugurlu E., ALTANLAR N.
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.42, no.3, pp.32-37, 2018 (Scopus)
- II. **Synthesis and Antioxidant Properties of New Oxazole-5(4H)-one Derivatives**
KUŞ C., Ugurlu E., ÖZDAMAR E. D., Can-Eke B.
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.14, no.2, pp.174-178, 2017 (ESCI)
- III. **Antimicrobial activity studies on some morpholinobenzimidazole derivatives Bazı morfolinobenzimidazol türevlerinin antimikrobiyal etkileri üzerine çalışmalar**
KUŞ C., ALTANLAR N.
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.35, no.4, pp.237-244, 2006 (Scopus)
- IV. **Antimicrobial activity of some thiadiazolyl- and triazolylbenzimidazoles**
KUŞ C., Ayhan-Kilcigil G., ALTANLAR N.
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.33, no.1, pp.1-6, 2004 (Scopus)
- V. **SİSTEMİK MANTAR ENFEKSİYONLARININ TEDAVİSİNDE YENİ HEDEFLER VE YENİ BİLEŞİKLER: NEW TARGETS AND NEW COMPOUNDS FOR THE TREATMENT OF SYSTEMIC FUNGAL INFECTIONS**
KUŞ C., ALP M.
ANKARA ÜNİVERSİTESİ ECZACILIK FAKÜLTESİ DERGISİ, no.2, pp.91-131, 2002 (Peer-Reviewed Journal)

Books

- I. **Anti-Kanser Etkili Benzimidazol Schiff Bazı Türevleri**
KUŞ C., Muhammed Osman H.
in: CUMHURİYETİN 100. YILINDA ECZACILIKTA YENİLİKLER 4, BOZKIR Asuman, YILDIZ İlkay, Editor, Ankara Üniversitesi Basımevi, Ankara, pp.239-254, 2023
- II. **Farmasötik Kimya pratikleri 1 2**
AKI YALÇIN E. E., YALÇIN İ., BÜYÜKBİNGÖL M. E., GÖKER A. H., YILDIZ İ., ALTUNTAŞ DİNLENÇ T., KILCIGİL G., TUNÇBİLEK M., ARPACI Ö., KUŞ C., et al.
Ankara Üniversitesi Basımevi, Ankara, 2018

Refereed Congress / Symposium Publications in Proceedings

- I. **DESIGN, DOCKING STUDIES, SYNTHESIS AND ANTI-INFLAMMATORY ACTIVITY OF NEW BENZIMIDAZOLE DERIVATIVES**
Osman H. M., Kuş C.
VII. Farmasötik Kimya Kongresi, İzmir, Turkey, 26 - 28 October 2024
- II. **Synthesis of Novel 6 (5)/2-Substituted-Benzimidazole Derivatives and Docking Study Against Cyclooxygenase Enzyme**
Osman H. M., Kuş C.
ISOPS 14th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 25 - 28 June 2024
- III. **Synthesis of Novel Benzimidazole Derivatives and Docking Study Against Cyclooxygenase (COX-2) Enzyme**
Osman H. M., Kuş C.
6th Eurasian Conference on BIOLOGICAL and CHEMICAL Sciences (EurasianBioChem 2023) , Ankara, Turkey, 11 - 13 November 2023
- IV. **RESTRICTED ROTATION AROUND THE METHYLENE BRIDGE OF 5-(2-P-(CHLOROPHENYL)BENZIMIDAZOLE-1-YL)METHYL-4-(O-SUBSTITUTED PHENYL)-2,4-DIHYDRO-[1,2,4]-TRIAZOLE-3-THIONES AS EVIDENCED BY NMR, X-RAY AND DFT STUDIES**
KARAYEL A., ÖZBEY S., KUŞ C., KILCIGİL G.
12th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 26 - 29 June 2018, pp.355
- V. **ANTIMICROBIAL ACTIVITIES OF NOVEL OXAZOLIDINONES**
ALTANLAR N., KUŞ C.
10th Balkan Congress of Microbiology 2017, 16 - 19 November 2017
- VI. **synthesis and antimicrobial activities of (2-phenyl-1benzo(d)imidazol-5-yl)(piperazin-1yl)methanone compounds**
KUŞ C., ÖZER E., SÖZÜDÖNMEZ F., ŞİMŞEK D., ALTANLAR N.
24. Young research fellow, 8 - 10 February 2017
- VII. **The Synthesis and Cytotoxic activities of Imidazole 4,5-bispyridine 2-phenyl carboxamide derivatives**
KUŞ C.
International Conference on Histochemistry and Cell Biology, United States Of America, 14 - 15 September 2016, vol.7
- VIII. **Synthesis and spectral analysis of novel oxazoles**
KUŞ C., Ezgi U.
ISOPS 11, Ankara, Turkey, 9 - 12 June 2015
- IX. **Antimicrobial activity of some novel benzimidazole derivatives**
ALTANLAR N., KUŞ C.
ICAR 2014, III International Conference on Antimicrobial Research Madrid / Spain, 1 - 03 October 2014
- X. **Synthesis and Antioxidant Activity of Novel Oxazolidinones**
KUŞ C., Uğurlu E., Özdamar E., Benay C. E.
RICT 2014 Interfacing Chemical Biology and Drug Discovery, 2 - 04 July 2014
- XI. **Synthesis and Antimicrobial Activities of Novel Oxazolidinones**
UĞURLU E., KUŞ C., ERYILMAZ M., ALTANLAR N.
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Metrics

Publication: 58

Citation (WoS): 1086

Citation (Scopus): 1263

H-Index (WoS): 14

H-Index (Scopus): 15

Congress and Symposium Activities

VII. Ulusal Farmasötik Kimya Kongresi, Audience, İzmir, Turkey, 2024

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