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International Researcher IDs

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Education Information

Doctorate, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Kimya (Dr), Turkey 2005 - 2009
Postgraduate, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Kimya (Yl) (Tezli), Turkey 2002 - 2004
Undergraduate, Anadolu University, ECZACILIK FAKÜLTESİ, Eczacılık Pr., Turkey 1999 - 2003

Dissertations

Doctorate, Bazı 2-Sübstítüye-N-[4-(1-Metil-4,5-Difenil-1H-İmidazol-2-il)Fenil] Asetamid Türevlerinin Sentezleri ve Antikanser Aktivitelerinin Araştırılması Üzerine Çalışmalar, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Kimya (Dr), 2009
Postgraduate, Bazı Sübstítüe Benzilidenanilin Türevlerinin Sentezleri ve Yapı Aydınlatmaları ile Mutagenik, Sitotoksik ve Antiproliferatif Etkilerinin Araştırılması Üzerine Çalışmalar, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Kimya (Yl) (Tezli), 2005

Research Areas

Pharmaceutical Chemistry

Academic Titles / Tasks

Professor, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 2018 - Continues
Associate Professor, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 2012 - 2018
Assistant Professor, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 2012 - 2012
Lecturer PhD, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 2009 - 2012
Research Assistant, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 2003 - 2009

Academic and Administrative Experience

Anadolu University, 2013 - Continues

Courses

TEZ, Postgraduate, 2015 - 2016, 2013 - 2014
FARMAKOPE ANALİZLERİ, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014
İLAÇ HAMMADDESİ SENTEZİNDEN ÜRÜNE KİMYASAL KALİTE KONTROL BASAMAKLARI , Postgraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014
İLAÇ SENTEZİNDE KİMYASAL AYIRMA VE SAFLAŞTIRMA YÖNTEMLERİ, Postgraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014
UZMANLIK ALAN DERSİ, Postgraduate, 2015 - 2016, 2014 - 2015
FARMASÖTİK KİMYA UYGULAMALARI II, Undergraduate, 2015 - 2016, 2014 - 2015
MEZUNİYET PROJESİ II, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011
SEMİNER, Postgraduate, 2015 - 2016, 2014 - 2015
MEZUNİYET PROJESİ I, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011
FARMASÖTİK KİMYA II, Undergraduate, 2015 - 2016, 2014 - 2015
FARMASÖTİK KİMYA UYGULAMALARI III, Undergraduate, 2015 - 2016
FARMASÖTİK KİMYA UYGULAMALARI I, Undergraduate, 2014 - 2015, 2010 - 2011
TOPLUMA HİZMET UYGULAMALARI, Undergraduate, 2014 - 2015, 2013 - 2014
ORGANİK KİMYA, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011
TÜRKİYE'DE İLAÇ ETKEN MADDELERİ ÜRETİMİ, Undergraduate, 2014 - 2015
BİLİMSEL ARAŞTIRMA YÖNTEMLERİ, Undergraduate, 2014 - 2015
GENEL KİMYA 1, Undergraduate, 2013 - 2014, 2012 - 2013, 2010 - 2011
FARMASÖTİK KİMYA 2, Undergraduate, 2013 - 2014, 2012 - 2013
STEREO SPESİFİK SENTEZ YÖNTEMLERİ , Doctorate, 2012 - 2013
MEDİSİNAL KİMYANIN TEMEL PRENSİPLERİ, Postgraduate, 2012 - 2013
GENEL KİMYA 2, Undergraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011
TEMEL LABORATUAR BİLGİSİ, Undergraduate, 2011 - 2012, 2010 - 2011

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Design, synthesis, and investigation of biological activities of new triazole derivatives with antifungal effect
Göktaş B., OSMANIYE D., LEVENT S., SAĞLIK ÖZKAN B. N., ÖZKAY Y., KAPLANCIKLİ Z. A.
Journal of Molecular Structure, vol.1310, 2024 (SCI-Expanded)
- II. Synthesis, DFT Calculations, In Silico Studies, and Antimicrobial Evaluation of Benzimidazole-Thiadiazole Derivatives
Işık A., Acar Çevik U., Karayel A., Ahmad I., Patel H., Çelik İ., Gül Ü. D., Bayazıt G., Bostancı H. E., Koçak A., et al.
ACS OMEGA, vol.9, pp.1-11, 2024 (SCI-Expanded)
- III. New Benzimidazole-Triazole Derivatives as Topoisomerase I Inhibitors: Design, Synthesis, Anticancer Screening, and Molecular Modeling Studies
Acar Çevik U., Çavuşoğlu B. K., Çelik İ., Rudrapal M., Rakshit G., Karayel A., Levent S., Osmaniye D., Sağlık Özkan B. N., Baysal M., et al.
ACS OMEGA, vol.9, pp.1-14, 2024 (SCI-Expanded)
- IV. Design, Synthesis, and Biological Effect Studies of Novel Benzofuran-Thiazolylhydrazone Derivatives as Monoamine Oxidase Inhibitors
Osmaniye D., Sağlık Özkan B. N., Levent S., Acar Çevik U., İlgin S., Yurttaş L., Özkar Y., Karaburun A. Ç., Kaplancıklı Z. A., Gündoğdu-Karaburun N.
ACS OMEGA, vol.9, no.10, pp.11388-11397, 2024 (SCI-Expanded)
- V. Synthesis, characterization, biological evaluation and in silico studies of novel 1,3,4-thiadiazole derivatives as aromatase inhibitors
Demiraran S., OSMANIYE D., ÖZKAY Y., KAPLANCIKLİ Z. A., TOK F.

- JOURNAL OF MOLECULAR STRUCTURE, vol.1296, 2024 (SCI-Expanded)
- VI. Design, synthesis and biological evaluation of novel ketone derivatives containing benzimidazole and 1,3,4-triazole as CA inhibitors
ACAR ÇEVİK U., Isik A., Kapavarapu R., Kucukoglu K., NADAROĞLU H., BOSTANCI H. E., ÖZKAY Y., KAPLANCIKLI Z. A.
JOURNAL OF MOLECULAR STRUCTURE, vol.1295, 2024 (SCI-Expanded)
- VII. Design, synthesis, and molecular docking studies of benzimidazole-1,3,4-triazole hybrids as carbonic anhydrase I and II inhibitors
ÇELİK İ., Cevik U. A., Kucukoglu K., NADAROĞLU H., BOSTANCI H. E., Isik A., ÖZKAY Y., KAPLANCIKLI Z. A.
CHEMICAL BIOLOGY & DRUG DESIGN, vol.103, no.1, 2024 (SCI-Expanded)
- VIII. Synthesis of Imidazole-Thiazole Derivatives as Acetylcholinesterase and Butyrylcholinesterase Inhibitory Activities
Karakaya A., Çevik U. A., Erçetin T., ÖZKAY Y., KAPLANCIKLI Z. A.
Pharmaceutical Chemistry Journal, vol.57, no.9, pp.1439-1443, 2023 (SCI-Expanded)
- IX. Design, synthesis, biological activities, and evaluation of molecular docking-dynamics studies of new thiosemicarbazones that may be effective against Alzheimer's disease
Conger N., OSMANIYE D., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.
JOURNAL OF MOLECULAR RECOGNITION, vol.36, no.12, 2023 (SCI-Expanded)
- X. Design, synthesis, molecular docking and molecular dynamic studies of novel benzimidazole-thiazole derivatives as potent and selective COX-2 inhibitors
IRMAK N. E., SAĞLIK ÖZKAN B. N., ÇELİK İ., ŞEN H. T., ÖZKAY Y., Ayhan-Kilcigil G.
NEW JOURNAL OF CHEMISTRY, vol.47, no.47, pp.21620-21632, 2023 (SCI-Expanded)
- XI. Design, synthesis, and biological activity studies of carbonic anhydrase inhibitors
Erzurum D., OSMANIYE D., SAĞLIK ÖZKAN B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.
ZEITSCHRIFT FUR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.78, no.11-12, pp.421-432, 2023 (SCI-Expanded)
- XII. Development of Some Antiplatelet Salts as Drug Active Ingredients and Investigation Biological Activities
Uslu H., SATILMIŞ B., UYUMLU A. B., SAĞLIK ÖZKAN B. N., LEVENT S., ÖZKAY Y., GENÇ M. F., BATÇIOĞLU K., Kamisli S., Benkli K.
PHARMACEUTICAL CHEMISTRY JOURNAL, vol.57, no.8, pp.1260-1270, 2023 (SCI-Expanded)
- XIII. Synthesis and Biological Evaluation of Benzoxazolone-Thiosemicarbazide, 1,2,4-Triazole, 1,3,4-Thiadiazole Derivatives as Cholinesterase Inhibitors
KOÇAK ASLAN E., SAĞLIK B. N., ÖZKAY Y., PALASKA E.
CHEMISTRYSELECT, vol.8, no.35, 2023 (SCI-Expanded)
- XIV. Synthesis of Imidazole-2,3-dihydrothiazole Compounds as VEGFR-2 Inhibitors and Their Support with in Silico Studies
OSMANİYE D., Bozkurt N. B., Kurban B., Yardimci G. B., ÖZKAY Y., KAPLANCIKLI Z. A.
CHEMISTRY & BIODIVERSITY, vol.20, no.9, 2023 (SCI-Expanded)
- XV. Synthesis of novel thiazol-2(3H)-imine derivatives as ergosterol biosynthesis inhibitors, and elucidation of their structures using a 2D NMR technique
OSMANİYE D., LEVENT S., SAĞLIK B. N., Gorgulu S., ÖZKAY Y., KAPLANCIKLI Z. A.
NEW JOURNAL OF CHEMISTRY, vol.47, no.37, pp.17558-17566, 2023 (SCI-Expanded)
- XVI. Synthesis and Anticancer Activities of Pyrazole-Thiadiazole-Based EGFR Inhibitors
Kurban B., SAĞLIK B. N., OSMANIYE D., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.
ACS OMEGA, 2023 (SCI-Expanded)
- XVII. Design, synthesis, and molecular docking studies of novel quinoxaline derivatives as anticancer agents
Ali S. H., OSMANIYE D., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.
Chemical Biology and Drug Design, vol.102, no.2, pp.303-315, 2023 (SCI-Expanded)
- XVIII. Design, synthesis, evaluation of biological activities and molecular docking and dynamic studies of novel acetazolamide analog compounds

- OSMANİYE D., Yuva O., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, 2023 (SCI-Expanded)
- XIX. **Synthesis of new compounds bearing methyl sulfonyl pharmacophore as selective COX-2 inhibitor**
Almarsoomi T., OSMANIYE D., SAĞLIK B. N., LEVENT S., Ghani U., ÖZKAY Y., KAPLANCIKLI Z. A.
Journal of Molecular Recognition, vol.36, no.7, 2023 (SCI-Expanded)
- XX. **Synthesis, Antifungal Activities, Molecular Docking and Molecular Dynamic Studies of Novel Quinoxaline-Triazole Compounds**
OSMANİYE D., Bozkurt N. B., LEVENT S., Yardimci G. B., SAĞLIK B. N., ÖZKAY Y., KAPLANCIKLI Z. A.
ACS OMEGA, no.27, pp.24573-24585, 2023 (SCI-Expanded)
- XXI. **New benzimidazole-oxadiazole derivatives: Synthesis, alpha-glucosidase, alpha-amylase activity, and molecular modeling studies as potential antidiabetic agents**
ACAR ÇEVİK U., ÇELİK İ., PASHAYEVA L., FATULLAYEV H., BOSTANCI H. E., ÖZKAY Y., KAPLANCIKLI Z. A.
ARCHIV DER PHARMAZIE, vol.356, no.5, 2023 (SCI-Expanded)
- XXII. **New imidazole derivatives as aromatase inhibitor: Design, synthesis, biological activity, molecular docking, and computational ADME-Tox studies**
Cetiner G., ACAR ÇEVİK U., ÇELİK İ., BOSTANCI H. E., ÖZKAY Y., KAPLANCIKLI Z. A.
JOURNAL OF MOLECULAR STRUCTURE, vol.1278, 2023 (SCI-Expanded)
- XXIII. **Design, Synthesis, and Biological Evaluation Studies of Novel Naphthalene-Chalcone Hybrids As Antimicrobial, Anticandidal, Anticancer, and VEGFR-2 Inhibitors**
OSMANİYE D., SAĞLIK B. N., Khalilova N., LEVENT S., Bayazit G., GÜL Ü. D., ÖZKAY Y., KAPLANCIKLI Z. A.
ACS OMEGA, vol.8, pp.6669-6678, 2023 (SCI-Expanded)
- XXIV. **Novel thiadiazol derivatives; design, synthesis, biological activity, molecular docking and molecular dynamics**
OSMANİYE D., Evren A. E., Karaca Ş., ÖZKAY Y., KAPLANCIKLI Z. A.
JOURNAL OF MOLECULAR STRUCTURE, vol.1272, 2023 (SCI-Expanded)
- XXV. **Investigation of Novel Quinoline-Thiazole Derivatives as Antimicrobial Agents: In Vitro and In Silico Approaches**
EVREN A. E., KARADUMAN A. B., SAĞLIK B. N., ÖZKAY Y., YURTTAŞ L.
ACS OMEGA, no.1, pp.1410-1429, 2023 (SCI-Expanded)
- XXVI. **Synthesis and Molecular Docking of New N-Acyl Hydrazones-Benzimidazole as hCA I and II Inhibitors**
Kucukoglu K., ACAR ÇEVİK U., NADAROĞLU H., ÇELİK İ., Isik A., BOSTANCI H. E., ÖZKAY Y., KAPLANCIKLI Z. A.
MEDICINAL CHEMISTRY, vol.19, no.5, pp.485-494, 2023 (SCI-Expanded)
- XXVII. **Design, synthesis and molecular docking and ADME studies of novel hydrazone derivatives for AChE inhibitory, BBB permeability and antioxidant effects**
OSMANİYE D., Ahmad I., SAĞLIK B. N., LEVENT S., Patel H. M., ÖZKAY Y., KAPLANCIKLI Z. A.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.41, no.18, pp.9022-9038, 2023 (SCI-Expanded)
- XXVIII. **Synthesis, biological evaluation and in silico studies of novel thiadiazole-hydrazone derivatives for carbonic anhydrase inhibitory and anticancer activities**
BOSTANCI H. E., ÇEVİK U., Kapavarapu R., Guldiken Y. C., Inan Z. D. S., Gueler O. O., UYSAL T. K., Uytun A., Cetin F. N., ÖZKAY Y., et al.
SAR AND QSAR IN ENVIRONMENTAL RESEARCH, vol.34, no.7, pp.543-567, 2023 (SCI-Expanded)
- XXIX. **Synthesis of Benzimidazole-1,2,4-triazole Derivatives as Potential Antifungal Agents Targeting 14 alpha-Demethylase**
Guzel E., ACAR ÇEVİK U., EVREN A. E., BOSTANCI H. E., GÜL Ü. D., KAYİŞ U., ÖZKAY Y., KAPLANCIKLI Z. A.
ACS OMEGA, no.4, pp.4369-4384, 2023 (SCI-Expanded)
- XXX. **Design, synthesis, molecular modeling, DFT, ADME and biological evaluation studies of some new 1,3,4-oxadiazole linked benzimidazoles as anticancer agents and aromatase inhibitors**
ACAR ÇEVİK U., ÇELİK İ., Isik A., Ahmad I., Patel H., ÖZKAY Y., KAPLANCIKLI Z. A.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.41, no.5, pp.1944-1958, 2023 (SCI-Expanded)
- XXXI. **Synthesis, and docking studies of novel tetrazole-S-alkyl derivatives as antimicrobial agents**

- ACAR ÇEVİK U., ÇELİK İ., Isik A., GÜL Ü. D., Bayazit G., BOSTANCI H. E., ÖZKAY Y., KAPLANCIKLI Z. A.
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.198, no.2, pp.137-144, 2023 (SCI-Expanded)
- XXXII. **Design, Synthesis, and In Vitro and In Silico Approaches of Novel Indanone Derivatives as Multifunctional Anti-Alzheimer Agents**
SAĞLIK B. N., LEVENT S., OSMANIYE D., EVREN A. E., KARADUMAN A. B., ÖZKAY Y., KAPLANCIKLI Z. A.
ACS OMEGA, vol.7, no.50, pp.47378-47404, 2022 (SCI-Expanded)
- XXXIII. **Synthesis, Molecular Docking, Dynamics, Quantum-Chemical Computation, and Antimicrobial Activity Studies of Some New Benzimidazole-Thiadiazole Hybrids**
ÇELİK İ., Çevik U., Karayel A., İlk A., Kayış U., GÜL Ü. D., Bostancı H. E., KONCA S. F., ÖZKAY Y., Kaplancıklı Z. A.
ACS OMEGA, vol.7, no.50, pp.47015-47030, 2022 (SCI-Expanded)
- XXXIV. **Benzimidazole-hydrazone derivatives: Synthesis, in vitro anticancer, antimicrobial, antioxidant activities, in silico DFT and ADMET studies**
Isik A., Cevik U., ÇELİK İ., BOSTANCI H. E., KARAYEL A., Gundogdu G., İNCE U., KOÇAK A., ÖZKAY Y., KAPLANCIKLI Z. A.
JOURNAL OF MOLECULAR STRUCTURE, vol.1270, 2022 (SCI-Expanded)
- XXXV. **Synthesis of novel thiosemicarbazone derivatives and investigation of their dual AChE and MAO-B inhibitor effects**
Uytun A. N., OSMANIYE D., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.
JOURNAL OF MOLECULAR RECOGNITION, vol.35, no.12, 2022 (SCI-Expanded)
- XXXVI. **Synthesis of new derivatives containing pyridine, investigation of MAO inhibitory activities and molecular docking studies**
OSMANİYE D., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A., TURAN G.
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.77, no.11-12, pp.509-517, 2022 (SCI-Expanded)
- XXXVII. **Synthesis, characterization, molecular docking, dynamics simulations, and in silico absorption, distribution, metabolism, and excretion (ADME) studies of new thiazolylhydrazone derivatives as butyrylcholinesterase inhibitors**
Isik A., Cevik U., ÇELİK İ., Ercetin T., KOÇAK A., ÖZKAY Y., KAPLANCIKLI Z. A.
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.77, no.11-12, pp.447-457, 2022 (SCI-Expanded)
- XXXVIII. **Design, synthesis and molecular docking studies of novel benzimidazole-1,3,4-oxadiazole hybrids for their carbonic anhydrase inhibitory and antioxidant effects**
Kucukoglu K., Cevik U., NADAROĞLU H., ÇELİK İ., Isik A., BOSTANCI H. E., ÖZKAY Y., KAPLANCIKLI Z. A.
MEDICINAL CHEMISTRY RESEARCH, vol.31, no.10, pp.1771-1782, 2022 (SCI-Expanded)
- XXXIX. **Design, synthesis, biological activity evaluation and in silico studies of new nicotinohydrazide derivatives as multi-targeted inhibitors for Alzheimer's disease**
TOK F., SAĞLIK B. N., ÖZKAY Y., KAPLANCIKLI Z. A., KAYMAKÇIOĞLU B.
JOURNAL OF MOLECULAR STRUCTURE, vol.1265, 2022 (SCI-Expanded)
- XL. **Synthesis of novel benzothiazole derivatives and investigation of their enzyme inhibitory effects against Alzheimer's disease**
Karaca Ş., Osmaniye D., Sağlık B. N., Levent S., İlgin S., Özkay Y., Karaburun A. Ç., Kaplancıklı Z. A., Gündoğdu-Karaburun N.
RSC ADVANCES, vol.12, no.36, pp.23626-23636, 2022 (SCI-Expanded)
- XLI. **N-Substituted Arylidene-3-(Methylsulfonyl)-2-Oxoimidazolidine-1-Carbohydrazide as Cholinesterase Inhibitors: Design, Synthesis, and Molecular Docking Study**
TOK F., SAĞLIK B. N., ÖZKAY Y., KAPLANCIKLI Z. A., KAYMAKÇIOĞLU B.
CHEMISTRY & BIODIVERSITY, vol.19, no.8, 2022 (SCI-Expanded)
- XLII. **Design, synthesis, and biological activity of novel dithiocarbamate-methylsulfonyl hybrids as carbonic anhydrase inhibitors**
OSMANİYE D., TÜRKEŞ C., Demir Y., ÖZKAY Y., BEYDEMİR Ş., KAPLANCIKLI Z. A.

- ARCHIV DER PHARMAZIE, vol.355, no.8, 2022 (SCI-Expanded)
- XLIII. **Synthesis of New Pyrimidine-Triazole Derivatives and Investigation of Their Anticancer Activities**
OSMANİYE D., Hidir A., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.
CHEMISTRY & BIODIVERSITY, vol.19, no.8, 2022 (SCI-Expanded)
- XLIV. **Synthesis of Some 2-Substituted-5-(Benzothiazol-2-yl)-1H-Benzimidazole Derivatives and Investigation of Their Antiproliferative Effects**
Polat B. U., Cevik U., DİKMEN M., ÖZKAY Y.
PHARMACEUTICAL CHEMISTRY JOURNAL, vol.56, no.4, pp.451-455, 2022 (SCI-Expanded)
- XLV. **Thiazole inhibitors of α -glucosidase: Positional isomerism modulates selectivity, enzyme binding and potency of inhibition**
Ghani U., Ashraf S., Haq Z. U., KAPLANCIKLI Z. A., DEMİRCİ F., ÖZKAY Y., Afzal S.
Computational Biology and Chemistry, vol.98, 2022 (SCI-Expanded)
- XLVI. **Design, synthesis, molecular docking and molecular dynamics studies of novel triazolothiadiazine derivatives containing furan or thiophene rings as anticancer agents**
OSMANİYE D., Karaca Ş., Kurban B., BAYSAL M., Ahmad I., Patel H., ÖZKAY Y., KAPLANCIKLI Z. A.
BIOORGANIC CHEMISTRY, vol.122, 2022 (SCI-Expanded)
- XLVII. **Design, Synthesis, and Evaluation of Novel 2H-Benzo[b][1,4]thiazin-3(4H)-one Derivatives as New Acetylcholinesterase Inhibitors**
Ali S. H., OSMANIYE D., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.
MOLECULES, vol.27, no.7, 2022 (SCI-Expanded)
- XLVIII. **Novel imidazole derivatives as potential aromatase and monoamine oxidase-B inhibitors against breast cancer**
OSMANİYE D., LEVENT S., SAĞLIK B. N., KARADUMAN A. B., ÖZKAY Y., KAPLANCIKLI Z. A.
NEW JOURNAL OF CHEMISTRY, vol.46, no.16, pp.7442-7451, 2022 (SCI-Expanded)
- XLIX. **Design and synthesis of novel chalcone derivatives and evaluation of their inhibitory activities against acetylcholinesterase**
Ceyhun I., Karaca Ş., OSMANIYE D., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.
ARCHIV DER PHARMAZIE, vol.355, no.3, 2022 (SCI-Expanded)
- L. **Synthesis, molecular modeling, quantum mechanical calculations and ADME estimation studies of benzimidazole-oxadiazole derivatives as potent antifungal agents**
ACAR ÇEVİK U., ÇELİK İ., Isik A., Pillai R. R., Tallei T. E., Yadav R., ÖZKAY Y., KAPLANCIKLI Z. A.
JOURNAL OF MOLECULAR STRUCTURE, vol.1252, 2022 (SCI-Expanded)
- LI. **Novel thiazolyl-hydrazone derivatives including piperazine ring: synthesis, in vitro evaluation, and molecular docking as selective MAO-A inhibitor**
OSMANİYE D., Alasan R., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.
ZEITSCHRIFT FUR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.77, no.3-4, pp.167-175, 2022 (SCI-Expanded)
- LII. **Synthesis and biological evaluation of novel 1,3,4-oxadiazole derivatives as anticancer agents and potential EGFR inhibitors**
OSMANİYE D., Gorgulu S., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.59, no.3, pp.518-532, 2022 (SCI-Expanded)
- LIII. **Design, synthesis, biological activity, molecular docking, and molecular dynamics of novel benzimidazole derivatives as potential AChE/MAO-B dual inhibitors**
OSMANİYE D., Evren A. E., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.
ARCHIV DER PHARMAZIE, vol.355, no.3, 2022 (SCI-Expanded)
- LIV. **The 4-(dimethylaminoalkyl)piperazine inhibitors of alpha-glucosidase: allosteric enzyme inhibition and identification of interacting chemical groups**
Ghani U., Ashraf S., Ul Haq Z., KAPLANCIKLI Z. A., DEMİRCİ F., ÖZKAY Y., Afzal S.
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- LV. **Design, synthesis, in vitro, and in silico studies of 1,2,4-triazole-piperazine hybrid derivatives as potential MAO inhibitors**

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- XXV. **Yeni hidrazon türevlerinin sentezi ve monoamin oksidaz-asetilkolinesteraz inhibitör etkinliklerinin değerlendirilmesi**
OSMANİYE D., SAĞLIK B. N., ACAR ÇEVİK U., ÖZKAY Y.
II. International Symposium on Multidisciplinary Academic Studies (II. Uluslararası Multidisipliner Akademik Çalışmalar Sempozyumu) (IMASES-2018), İstanbul, Turkey, 16 - 17 November 2018, pp.29
- XXVI. **Synthesis of new benzofuranone derivatives and investigation of their anticholinesterase activity**
TURAN G., SAĞLIK B. N., ÖZKAY Y.
5th International Conference on Computation for Science and Technology (ICCST 2018), Antalya, Turkey, 23 - 26 September 2018
- XXVII. **Synthesis of new 4-substituted-2-(2-(substituted)hydrazinyl)thiazole derivatives as monoamine oxidase inhibitors**
TURAN G., SAĞLIK B. N., ÖZKAY Y.
5th International Conference on Computation for Science and Technology (ICCST 2018), Antalya, Turkey, 23 - 26 September 2018
- XXVIII. **INVESTIGATION OF MONOAMINE OXIDASE INHIBITORY ACTIVITIES OF NEW CHALCONE DERIVATIVES: COMPARISON OF LC-MS/MS AND FLUOROMETRIC METHODS**
DEMİR ÖZKAY Ü., CAN N. Ö., LEVENT S., ÖZKAY Y., CAN Ö. D.
IMSC2018 - INTERNATIONAL MASS SPECTROMETRY CONFERENCE 2018, Floransa, Italy, 27 - 31 August 2018
- XXIX. **SYNTHESIS AND ANTIFUNGAL ACTIVITY EVALUATION OF NEW BENZIMIDAZOLE-TRIAZOLE DERIVATIVES AS POTENTIAL ERGESTEROL BIOSYNTHESIS INHIBITORS USING LC-MS/MS**
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OSMANİYE D., ACAR ÇEVİK U., SAĞLIK B. N., LEVENT S., KAYA ÇAVUŞOĞLU B., korkut b., KAPLANCIKLI Z. A., ÖZKAY Y.
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- XXXI. **Synthesis and evaluation of new thiadiazole derivatives as monoamine oxidase inhibitors**
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- XXXII. **Design, synthesis and antifungal activity of pyrazoline, thiazole and imidazole bearing hybrid compounds.**
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2nd International Conference On Pharmaceutical Chemistry., 16 - 17 July 2018
- XXXIII. **1,3,4-Thiadiazole derivatives bearing benzylamine moiety: Synthesis and monoamine oxidase inhibitory activity evaluation**
KAYA ÇAVUŞOĞLU B., KAPLANCIKLI Z. A., ACAR ÇEVİK U., LEVENT S., OSMANIYE D., ÖZKAY Y., KARADUMAN A. B., SAĞLIK B. N.
12th International Symposium On Pharmaceutical Sciences (ISOPS-12), Ankara, Turkey, 26 - 29 June 2018

- XXXIV. **SYNTHESIS OF NEWBENZOTHIAZOLE-THIADIAZOLEDERIVATIVES AS CHOLINESTERASE ANDMONOAMINE OXIDASE INHIBITORS**
SAĞLIK B. N., KAYA ÇAVUŞOĞLU B., KAPLANCIKLI Z. A., ACAR ÇEVİK U., OSMANIYE D., LEVENT S., İnci b., ÖZKAY Y.
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- XXXV. **1,3,4-THIADIAZOLE DERIVATIVESBEARING BENZYLAMINE MOIETY:SYNTHESIS AND MONOAMINE OXIDASEINHIBITORY ACTIVITY EVALUATION**
KAYA ÇAVUŞOĞLU B., KAPLANCIKLI Z. A., ACAR ÇEVİK U., LEVENT S., OSMANIYE D., ÖZKAY Y., KARADUMAN A. B., SAĞLIK B. N.
isops, 26 - 29 June 2018
- XXXVI. **SYNTHESIS AND ANTICANCERACTIVITY POTENTIAL OF BIS(1,3,4-THIADIAZOLE) DERIVATIVES**
ÖZKAY Y., OSMANIYE D., KAYA ÇAVUŞOĞLU B., SAĞLIK B. N., LEVENT S., ACAR ÇEVİK U., ATLI EKLİOĞLU Ö., KAPLANCIKLI Z. A.
isops, 26 - 29 June 2018
- XXXVII. **Synthesis of novel antipyrine derivatives as cholinesterase inhibitors**
TOK F., KAYMAKÇIOĞLU B., SAĞLIK B. N., ÖZKAY Y.
12th International Symposium On Pharmaceutical Sciences (ISOPS-12), Ankara, Turkey, 26 - 29 June 2018
- XXXVIII. **DESIGN, SYNTHESIS ANDMAO ENZYMES INHIBITORY ACTIVITYEVALUATION OF NEW BENZOTHIAZOLETHIAZOLYLHYDRAZINE DERIVATIVES**
LEVENT S., ACAR ÇEVİK U., SAĞLIK B. N., ÖZKAY Y., KAYA ÇAVUŞOĞLU B., KAPLANCIKLI Z. A., korkut b., OSMANIYE D.
isops, 26 - 29 June 2018
- XXXIX. **Synthesis and molecular docking studies of novel hydrazones based on benzoxazoline scaffold as selective MAO-B inhibitors**
TAŞCİ H., SAĞLIK B. N., ÖZKAY Y., TOZKOPARAN B., GÖKHAN KELEKÇİ N.
12th International Symposium On Pharmaceutical Sciences (ISOPS-12), Ankara, Turkey, 26 - 29 June 2018
- XL. **Synthesis of new thiadiazole derivatives as anticandidal agents**
KAPLANCIKLI Z. A., ÖZKAY Y., OSMANIYE D., KAYA ÇAVUŞOĞLU B., ACAR ÇEVİK U., SAĞLIK B. N., ILGIN S., BEHÇET M., LEVENT S.
12th International Symposium On Pharmaceutical Sciences (ISOPS-12), Ankara, Turkey, 26 - 29 June 2018
- XLI. **Synthesis of new thiadiazole derivate as anticandidal agents**
KAPLANCIKLI Z. A., ÖZKAY Y., OSMANIYE D., KAYA ÇAVUŞOĞLU B., ACAR ÇEVİK U., SAĞLIK B. N., ILGIN S., BEHÇET M., LEVENT S.
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- XLII. **SYNTHESIS OF NEWTHIAZOLYLHYDRAZINE DERIVATIVES ASMONOAMINOXIDASE INHIBITORS**
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isops, 26 - 29 June 2018
- XLIII. **SYNTHESIS, CHARACTERIZATIONAND ANTIFUNGAL EVALUATION OFBENZAZOLE DERIVATIVES**
ACAR ÇEVİK U., SAĞLIK B. N., LEVENT S., OSMANIYE D., ÖZKAY Y., KAPLANCIKLI Z. A., korkut b., KAYA ÇAVUŞOĞLU B.
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- XLIV. **Synthesis and human monoamine oxidase inhibitory activity of thiazole-hydrazone scaffold**
ACAR ÇEVİK U., LEVENT S., KAYA B., SAĞLIK B. N., ATLI Ö., ÖZKAY Y., KAPLANCIKLI Z. A.
GPSS, 11 - 13 October 2017
- XLV. **Hydrazones: A valid scaffold for monoamine oxidases inhibitors**
TAŞCİ H., SAĞLIK B. N., ÖZKAY Y., TOZKOPARAN B., GÖKHAN KELEKÇİ N.
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2nd International Gazi Pharma Symposium Series (GPSS 2017), Ankara, Turkey, 11 - 13 October 2017
- XLVII. **Synthesis and carbonic anhydrase inhibitory activity of some novel sulfonamides**

- OSMANİYE D., LEVENT S., ACAR ÇEVİK U., SAĞLIK B. N., DEMİR Y., ÖZKAY Y., ILGIN S., KORKUT B., BEYDEMİR Ş., KAPLANCIKLI Z. A.
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- XLVIII. Synthesis and Enzyme Activity Studies of Novel Quinoxaline-Hydrazone Derivatives as Monoamine Oxidase Inhibitors**
LEVENT S., OSMANIYE D., ACAR ÇEVİK U., ÖZKAY Y., KAPLANCIKLI Z. A.
GPSS, Ankara, Turkey, 11 - 13 October 2017
- XLIX. SOME NOVEL DITHIOCARBAMATE DERIVATIVES BEARINGBENZYLAMINE MOIETY AS MONOAMINE OXIDASE INHIBITORS**
KAYA B., LEVENT S., KARADUMAN A. B., ATLI Ö., ÖZKAY Y., KAPLANCIKLI Z. A.
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- L. Synthesis of new benzothiazole-hydrazone derivatives as potential mao enzymes inhibitors**
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- LI. Synthesis of Novel Benzothiazole-Hydrazone Derivatives as Potential MAO Enzymes Inhibitors**
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- LII. Monoamine oxidase inhibitory potential of new chalcone derivatives containing piperazine ring**
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3rd International Multidisciplinary Symposium on Drug Research and Development'17 (DRD 2017), Erzurum, Turkey, 5 - 07 October 2017
- LIV. Anticandidal Activity Screening of Novel Triazole Derivatives**
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- LV. Synthesis of chalcone derivatives as selective MAO-B inhibitors**
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- LVI. Synthesis and anticholinesterase activity of novel oxadiazole-piperazine derivatives**
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3rd International Multidisciplinary Symposium on Drug Research and Development'17 (DRD 2017), Erzurum, Turkey, 5 - 07 October 2017
- LVII. Synthesis of new benzimidazole derivatives and evaluation of their anticholinesterase activity**
SAĞLIK B. N., ACAR ÇEVİK U., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.
DRD, 5 - 07 October 2017
- LVIII. Novel Imidazole Derivatives as Antifungal Agents: Synthesis, Biological Evaluation, ADME Prediction and Molecular Docking Studies**
ÖZKAY Y., OSMANIYE D., LEVENT S., SAĞLIK B. N.
1st Molecules Medicinal Chemistry Symposium, Barcelona, Spain, 08 September 2017
- LIX. Synthesis and antimicrobial activity evaluation of new benzimidazole-thiazole derivatives**
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- LX. Synthesis and anticandidal activity of new imidazole derivatives**
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- LXI. **Synthesis, anticandidal activity and molecular docking study of some new imidazole derivatives**
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- LXII. **Design, synthesis molecular docking study and antifungal activity evaluation of new benzimidazole-triazole derivatives**
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- LXIII. **Synthesis of 2-(5-(2-((5-(Cyclohexylamino)-1,3,4-thiadiazol-2-yl)thio) ethyl)-1,3,4-oxadiazol-2-yl) derivatives and their antimicrobial activity**
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- LXIV. **Synthesis and Antimicrobial Activity of Newly Synthesized 2-((5-(4-(5(6)fluoro-1H-benzo[d]imidazol-2-yl)phenyl-1,3,4-oxadiazol-2-yl)thio) Derivatives**
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- LXV. **MARKETLERDEN SATIN ALINAN BEBEK MAMALARINDA İÇERİK ANALİZİ**
KAYA B., LEVENT S., OSMANIYE D., ACAR U., ÖZKAY Y.
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- LXVI. **Bebek mamalarında koruyucu madde analizi**
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- LXVII. **Sporcular için üretilen protein içerikli gıda takviye ürünlerinde içerik analizi**
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- LXVIII. **SPORCULAR İÇİN ÜRETİLEN PROTEİN İÇERİKLİ GIDA TAKVİYE ÜRÜNLERİNDEN İÇERİK ANALİZİ**
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- LXIX. **Anti-Alzheimer etki potansiyelleri açısından benzotiyazol/piperidin/piperazin türevleri**
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1. Anadolu Üniversitesi Eczacılık Fakültesi Sempozyumu (ANES), Turkey, 1 - 02 June 2017
- LXX. **Identification of a Novel Metabolite Originating from AM-630, a Potent and Selective Inverse Agonist for the Cannabinoid Receptor CB2**
CAN N. Ö., ÖZKAY Y., LEVENT S., TURAN N., ALYU F., ÖZTÜRK Y.
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- LXXI. **Antifungal Activities and Brine Shrimp Lethality Test of Gallic Acid**
TUNALI Y., CANTÜRK Z., KARACA GENÇER H., ÖZKAY Y., UÇUCU Ü., İŞIKDAĞ İ.
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- LXXII. **Design, synthesis and evaluation of anticancer activity of new benzimidazole-hydrazone derivatives**
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IVEK, 26 - 29 April 2017
- LXXIII. **Synthesis, Characterization and Molecular Docking Study of Some Novel Fluroquinolone Derivatives as Potential DNA Gyrase Inhibitors**
ACAR U., LEVENT S., KARACA GENÇER H., ÖZKAY Y., ILGIN S.
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- LXXIV. **Selective inhibitory activity against MAO and docking studies of new thiazolylhydrazine derivatives**
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- LXXV. **Synthesis and biological evaluation of new thiosemicarbazone derivatives as MAO inhibitory agents**
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- LXXVI. **Synthesis of new chalcones as anticancer agents**
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- LXXVII. **Synthesis of new thiazolylhydrazine derivatives and evaluation of their monoamine oxidase A/B inhibitory activity**
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- LXXVIII. **Synthesis and MAO Enzymes Inhibitory Activity of New Benzylamine Derivatives**
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3. İVEK Uluslararası İlaç ve Eczacılık Kongresi, 26 - 29 April 2017
- LXXIX. **Design, Synthesis and Anticancer Activity of 2-((5-substitutedbenzo[d]thiazol-2-yl)thio)-N'-(4-substitutedbenzylidene)acetohydrazide**
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- LXXX. **Synthesis characterization and molecular docking study of some novel fluroquinolone derivatives as potential DNA gyrase inhibitors**
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IVEK, 26 - 29 April 2017
- LXXXI. **Synthesis and Anticandidal Activity of New Benzimidazole- 1,2,4-Triazole Derivatives**
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- LXXXIII. **Synthesis of Some Novel Benzothiazole Derivatives As Anticancer Agents**
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- LXXXIV. **Carbon Based NBIP modified electrodes: Preparation, Characterization and Detection of Stability**
Özsümen A., DEMİR MÜLAZIMOĞLU A., MERCİMEK B., YILMAZ E., ÖZCAN S., CAN N. Ö., ÖZKAY Y., MÜLAZIMOĞLU İ. E.
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- LXXXVI. **A Novel HNPC modified Carbon Based Electrode: Preparation, Characterization and Detection of Stability in Different Media**
Sağır S., MÜLAZIMOĞLU İ. E., YILMAZ E., ÖZCAN S., CAN N. Ö., ÖZKAY Y., MERCİMEK B., DEMİR MÜLAZIMOĞLU A.
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- LXXXVIII. **N-Aril-2-(4-sübstitüe piperidin-1-il)asetamit türevlerinin kolinesteraz enzimleri üzerine etkilerinin incelenmesi**
SAĞLIK B. N., ILGIN S., ÖZKAY Y.
1. Ulusal Marmara Eczacılık Kongresi (UMEK-1), İstanbul, Turkey, 3 - 05 November 2016
- LXXXIX. **Yeni 2-(4-sübstitüefenil)propiyonik asit türevlerinin COX enzimleri üzerindeki etkilerinin**

araştırılması

LEVENT S., SAĞLIK B. N., ÖZKAY Y.

1. Ulusal Marmara Eczacılık Kongresi (UMEK-1), İstanbul, Turkey, 3 - 05 November 2016

- XC. Yeni N-Aril-N-propargil-benzilamin türevlerinin sentezleri ve monoamine oksidaz enzimleri üzerinde etkilerinin araştırılması**

OSMANİYE D., LEVENT S., ÖZKAY Y.

1. Ulusal Marmara Eczacılık Kongresi (UMEK-1), Turkey, 3 - 05 November 2016

- XCI. SYNTHESIS AND EVALUATION OF A SERIES OF BENZOAZOLE DERIVATIVES AS NEW ANTICANCER AGENTS**

ALTINTOP M. D., AKALIN ÇİFTÇİ G., ÖZKAY Y.

XXIV National Meeting in Medicinal Chemistry, 11 - 14 September 2016

- XCII. Analysis of parbensin protein based food supplements**

ACAR U., LEVENT S., ÖZKAY Y.

International Conference on Pharmaceutical Chemistry, 5 - 07 September 2016

- XCIII. Synthesis of new donepezil analogues and evaluation of their cholinesterase inhibitory activity**

SAĞLIK B. N., ILGIN S., ÖZKAY Y.

International Conference on Pharmaceutical Chemistry, Frankfurt, Germany, 5 - 07 September 2016

- XCIV. Synthesis of New Indan 1 one piperazine Derivatives as Anticholinesterase Agents**

ÖZKAY Y.

International Conference on Pharmaceutical Chemistry, 05 September 2022 - 07 September 2016

- XCV. Cytotoxic Apoptotic and DNA Synthesis Inhibitory Effects of New Quinoxaline Derivatives**

ALTINTOP M. D., AKALIN ÇİFTÇİ G., ÖZKAY Y.

12th International Congress of Cell Biology, Prag, Czech Republic, 21 - 25 July 2016

- XCVI. PARABEN ANALYSIS ON SPORT AND ENERGY DRINK BY LC MS IT TOF**

ACAR U., LEVENT S., ÖZKAY Y., ÖZTÜRK Y.

ECSS, 6 - 09 July 2016

- XCVII. Paraben Analysis on Sport and Energy Drinks by LC MS IT TOF**

ACAR U., LEVENT S., ÖZKAY Y., ÖZTÜRK Y.

21st annual congress of the European College of Sport Science ECSS, 6 July - 09 June 2016

- XCVIII. Synthesis And Antimicrobial Activity Evaluation Of Some 2 4 1h Imidazol 1 Yl Phenyl Amino 2 Oxoethyl Substituted Piperidinone Piperazine 1 Carbodithioate**

DERYA O., ACAR U., SAĞLIK B. N., ÖZKAY Y., JUAN B., DEMİRCİ F.

DRD, Turkey, 15 - 17 November 2015

- XCIX. ACETHYLCHOLINESTERASE INHIBITORY POTENCY OF NOVEL TETRASUBSTITUTED IMIDAZOLE DERIVATIVES**

Osmaniye D., SAĞLIK B. N., LEVENT S., ÖZKAY Y.

1st International Gazi Pharma SymposiumSeries (GPSS-2015), 12 - 15 November 2015

- C. Acetylcholinesterase inhibitory potency of novel tetrasubstitued imidazole derivatives**

OSMANİYE D., SAĞLIK B. N., LEVENT S., ÖZKAY Y.

International Gazi Pharma Symposium Series (GPSS 2015), Antalya, Turkey, 12 - 15 November 2015

- CI. Synthesis And Antimicrobial Activity Of Novel Disubstituted Oxadiazole Derivatives**

ACAR U., ÖZKAY Y., JUAN B., DEMİRCİ F.

GPSS, 12 - 15 November 2015

- CII. Design and Synthesis of Novel Acetylcholinesterase Enzyme Inhibitors Based on Structural Similarity to Donepezil and Carboxylic Acid Induced Enzyme Immobilization**

WEAM H., KAPLANCIKLİ Z. A., ÖZKAY Y.

1st International Gazi Pharma Symposium Series (GPSS-2015), 12 - 15 November 2015

- CIII. Synthesis And Cholinesterase Inhibitory Potential Of New Substituted Piperazine Derivatives**

SAĞLIK B. N., LEVENT S., ACAR U., ÖZKAY Y.

GPSS, 12 - 15 November 2015

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