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Eğitim Bilgileri

Doktora, Anadolu Üniversitesi, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Kimya (Dr), Türkiye 1996 - 2003

Yüksek Lisans, Anadolu Üniversitesi, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Kimya (YI) (Tezli), Türkiye 1994 - 1996

Lisans, Anadolu Üniversitesi, ECZACILIK FAKÜLTESİ, Eczacılık Pr., Türkiye 1990 - 1994

Yaptığı Tezler

Doktora, Bazı 4-fenil/siklohegzil-5-(1-fenoksietil)-2,4-dihidro-3H-1,2,4- triazol-3-tiyon türevlerinin sentezleri ve antifungal, antibakteriyel aktivitelerinin araştırılması, Anadolu Üniversitesi, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Kimya (Dr), 2003

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Akademik Unvanlar / Görevler

Prof. Dr., Anadolu Üniversitesi, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 2012 - Devam Ediyor

Doç. Dr., Anadolu Üniversitesi, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 2006 - 2012

Yrd. Doç. Dr., Anadolu Üniversitesi, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 2004 - 2006

Araştırma Görevlisi, Anadolu Üniversitesi, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 1995 - 2004

Akademik İdari Deneyim

Anadolu Üniversitesi, 2019 - Devam Ediyor

Anadolu Üniversitesi, 2013 - 2018

Anadolu Üniversitesi, 2013 - 2014

Anadolu Üniversitesi, 2010 - 2013

Verdiği Dersler

FARMASÖTİK KİMYA III, Lisans, 2013 - 2014, 2011 - 2012, 2009 - 2010, 2007 - 2008, 2005 - 2006, 2003 - 2004

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- Kaplancıklı Z. A., Demir Özkay Ü., Yeni sentezlenen bazı fenilpropiyonik asid türevlerinin kronik hafif stres modeli oluşturulmuş sıçanlardaki antidepresan etkilerinin araştırılması, Doktora, Ü.KANDEMİR(Öğrenci), 2023
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SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Investigation of anticancer effects of novel piperidine-oxadiazole and piperidine-triazole derivatives as VEGFR inhibitors and evaluation of their molecular docking-dynamic studies**
OSMANİYE D., Ali S. J. H., Celikates B., ILGIN S., ÖZKAY Y., KAPLANCIKLI Z. A.
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- II. **Development and assessment of novel pyrazole-thiadiazol hybrid derivatives as VEGFR-2 inhibitors: design, synthesis, anticancer activity evaluation, molecular docking, and molecular dynamics simulation**
Halimi G., OSMANİYE D., ÖZKAY Y., KAPLANCIKLI Z. A.
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- III. **Synthesis, molecular dynamics simulation, and evaluation of biological activity of novel flurbiprofen and ibuprofen-like compounds**
Yildiz M. T., OSMANİYE D., SAĞLIK ÖZKAN B. N., LEVENT S., Kurnaz R., ÖZKAY Y., KAPLANCIKLI Z. A.
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- IV. **Benzimidazole-Containing Compounds as Anticancer Agents**
ACAR ÇEVİK U., Işık A., Kaya B., Kapavarapu R., Rudrapal M., Halimi G., Karakaya A., Maryam Z., ÇELİK İ., EVREN A. E., et al.
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- V. **Design, synthesis, and investigation of biological activities of new triazole derivatives with antifungal effect**
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- VI. **Selective in vitro Synergistic Evaluation of Probiotic Tolerant morpholinyl- and 4-ethylpiperazinyl- Imidazole-chalcone Derivatives on Gastrointestinal System Pathogens**
Söylemez T., KAPLANCIKLI Z. A., OSMANİYE D., ÖZKAY Y., DEMİRCİ F.
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- VII. **In vitro anti-Helicobacter pylori, anti-urease and anti-gastric cancer activities of novel hydrazones**
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- VIII. **Synthesis of thiadiazole derivatives as competitive inhibitors of α -glucosidase and tyrosinase**
Ghani U., ACAR ÇEVİK U., Rudrapal M., Rakshit G., KAPLANCIKLI Z. A.
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- IX. **New benzimidazole-oxadiazole derivatives as potent VEGFR-2 inhibitors: Synthesis, anticancer evaluation, and docking study**
ACAR ÇEVİK U., ÇELİK İ., Görgülü Ş., ŞAHİN İNAN Z. D., BOSTANCI H. E., ÖZKAY Y., Kaplacıklı Z. A.
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- X. **Synthesis, DFT Calculations, In Silico Studies, and Antimicrobial Evaluation of Benzimidazole-Thiadiazole Derivatives**
Işık A., ACAR ÇEVİK U., Karayel A., Ahmad I., Patel H., ÇELİK İ., GÜL Ü. D., Bayazıt G., BOSTANCI H. E., Koçak A., et al.
ACS Omega, cilt.9, sa.16, ss.18469-18479, 2024 (SCI-Expanded)
- XI. **Design, Synthesis, and Biological Effect Studies of Novel Benzofuran-Thiazolyldiazone Derivatives as Monoamine Oxidase Inhibitors**
OSMANİYE D., SAĞLIK ÖZKAN B. N., LEVENT S., Çevik U. A., ILGIN S., YURTTAŞ L., ÖZKAY Y., KARABURUN A. Ç., KAPLANCIKLI Z. A., GÜNDOĞDU KARABURUN N.
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- XII. **Synthesis, characterization, biological evaluation and in silico studies of novel 1,3,4-thiadiazole derivatives as aromatase inhibitors**
Demiraran S., OSMANİYE D., ÖZKAY Y., KAPLANCIKLI Z. A., TOK F.
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- XIII. **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.
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- XIV. **Synthesis and anticancer activity evaluation of some novel imidazo[1,2-*a*]pyridine based heterocycles containing *S*-alkyl/aryl moiety**
Kaya B., YURTTAŞ L., BAYSAL M., Celikates B., KAPLANCIKLI Z. A., İMAMOĞLU R.
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- XV. **Design, synthesis, evaluation of biological activities and molecular docking and dynamic studies of novel acetazolamide analog compounds**
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- XVI. **Design, synthesis, and molecular docking studies of benzimidazole-1,3,4-triazole hybrids as carbonic anhydrase I and II inhibitors**
ÇELİK İ., Çevik U. A., Kucukoglu K., NADAROĞLU H., BOSTANCI H. E., Isik A., ÖZKAY Y., KAPLANCIKLI Z. A.
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- XVII. **Synthesis of Imidazole-Thiazole Derivatives as Acetylcholinesterase and Butyrylcholinesterase Inhibitory Activities**
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- XVIII. **Design, synthesis, biological activities, and evaluation of molecular docking-dynamics studies of new thiosemicarbazones that may be effective against Alzheimer's disease**

- Conger N., OSMANİYE D., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.
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- XIX. **Design, synthesis, and biological activity studies of carbonic anhydrase inhibitors**
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- XX. **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.
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- XXI. **Synthesis and Anticancer Activities of Pyrazole-Thiadiazole-Based EGFR Inhibitors**
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- XXII. **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.
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- XXIII. **Design, synthesis, and molecular docking studies of novel quinoxaline derivatives as anticancer agents**
Ali S. H., OSMANİYE D., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.
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- XXIV. **Synthesis, Antifungal Activities, Molecular Docking and Molecular Dynamic Studies of Novel Quinoxaline-Triazole Compounds**
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- XXV. **Synthesis of new compounds bearing methyl sulfonyl pharmacophore as selective COX-2 inhibitor**
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- XXVI. **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.
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- XXVII. **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.
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- XXVIII. **Synthesis, Biological Evaluation, and Molecular Modeling Studies of New 1,3,4-Thiadiazole Derivatives as Potent Antimicrobial Agents**
ACAR ÇEVİK U., ÇELİK İ., İNCE U., Maryam Z., Ahmad I., Patel H., ÖZKAY Y., KAPLANCIKLI Z. A.
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- XXIX. **Synthesis of Benzimidazole-1,2,4-triazole Derivatives as Potential Antifungal Agents Targeting 14 α -Demethylase**
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- XXX. **Synthesis and Molecular Docking of New N-Acyl Hydrazones-Benzimidazole as hCA I and II Inhibitors**
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- XXXI. **Design, synthesis and molecular docking and ADME studies of novel hydrazone derivatives for AChE inhibitory, BBB permeability and antioxidant effects**
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- JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, cilt.41, sa.18, ss.9022-9038, 2023 (SCI-Expanded)
- XXXII. **New Benzimidazole-Triazole Derivatives as Topoisomerase I Inhibitors: Design, Synthesis, Anticancer Screening, and Molecular Modeling Studies**
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- XXXIII. **Synthesis, biological evaluation and in silico studies of novel thiadiazole-hydrazone derivatives for carbonic anhydrase inhibitory and anticancer activities**
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- XXXIV. **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.
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- XXXV. **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.
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- XXXVI. **Synthesis of novel thiosemicarbazone derivatives and investigation of their dual AChE and MAO-B inhibitor effects**
Uytun A. N., OSMANİYE D., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.
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- XXXVII. **Design, synthesis and biological evaluation of a new series of arylidene indanones as small molecules for targeted therapy of non-small cell lung carcinoma and prostate cancer**
Altıntop M. D., Özdemir A., Temel H. E., Cevizlidere B. D., Sever B., Kaplançıklı Z. A., Akalın Çiftçi G.
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- XXXVIII. **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.
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- XXXIX. **Synthesis, characterization, molecular docking, dynamics simulations, and in silico absorption, distribution, metabolism, and excretion (ADME) studies of new thiazolyhydrazone derivatives as butyrylcholinesterase inhibitors**
Isik A., Cevik U., ÇELİK İ., Ercetin T., KOÇAK A., ÖZKAY Y., KAPLANCIKLI Z. A.
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- XL. **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.
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- XLI. **Design, synthesis, biological activity evaluation and in silico studies of new nicotinothiazide derivatives as multi-targeted inhibitors for Alzheimer's disease**
TOK F., SAĞLIK B. N., ÖZKAY Y., KAPLANCIKLI Z. A., KAYMAKÇIOĞLU B.
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- XLII. **N-Substituted Arylidene-3-(Methylsulfonyl)-2-Oxoimidazolidine-1-Carbohydrazone as Cholinesterase Inhibitors: Design, Synthesis, and Molecular Docking Study**
TOK F., SAĞLIK B. N., ÖZKAY Y., KAPLANCIKLI Z. A., KAYMAKÇIOĞLU B.
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- XLIII. 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., Ilgın S., Özkay Y., Karaburun A. Ç., Kaplancıklı Z. A., Gündoğdu-Karaburun N.
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- XLIV. Synthesis of New Pyrimidine-Triazole Derivatives and Investigation of Their Anticancer Activities**
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- 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.
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- XLVI. Design, Synthesis, and Molecular Modeling Studies of a Novel Benzimidazole as an Aromatase Inhibitor**
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ACS OMEGA, cilt.7, sa.18, ss.16152-16163, 2022 (SCI-Expanded)
- XLVII. Design, synthesis, molecular docking and molecular dynamics studies of novel triazolothiadiazine derivatives containing furan or thiophene rings as anticancer agents**
OSMANIYE D., Karaca Ş., Kurban B., BAYSAL M., Ahmad I., Patel H., ÖZKAY Y., KAPLANCIKLI Z. A.
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- XLVIII. Novel imidazole derivatives as potential aromatase and monoamine oxidase-B inhibitors against breast cancer**
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- XLIX. Design, Synthesis, and Evaluation of Novel 2H-Benzo[b][1,4]thiazin-3(4H)-one Derivatives as New Acetylcholinesterase Inhibitors**
Ali S. H., OSMANİYE D., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.
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- L. Synthesis and biological evaluation of novel 1,3,4-oxadiazole derivatives as anticancer agents and potential EGFR inhibitors**
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- LI. Novel thiazolyl-hydrazone derivatives including piperazine ring: synthesis, in vitro evaluation, and molecular docking as selective MAO-A inhibitor**
OSMANIYE D., Alasan R., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.
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- LII. Design and synthesis of novel chalcone derivatives and evaluation of their inhibitory activities against acetylcholinesterase**
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- LIII. Synthesis, molecular modeling, quantum mechanical calculations and ADME estimation studies of benzimidazole-oxadiazole derivatives as potent antifungal agents**
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- LIV. The 4-(dimethylaminoalkyl)piperazine inhibitors of alpha-glucosidase: allosteric enzyme inhibition and identification of interacting chemical groups**
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- LVI. **Design, synthesis, in vitro and in silico studies of some novel triazoles as anticancer agents for breast cancer**
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- LVII. **Design, synthesis, in vitro, and in silico studies of 1,2,4-triazole-piperazine hybrid derivatives as potential MAO inhibitors**
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- LVIII. **Novel Thiosemicarbazone Derivatives: In Vitro and In Silico Evaluation as Potential MAO-B Inhibitors**
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- LIX. **Design, Synthesis and Biological Evaluation of New N-Acyl Hydrazones with a Methyl Sulfonyl Moiety as Selective COX-2 Inhibitors**
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- LX. **Synthesis of new hydrazone derivatives and evaluation of their monoamine oxidase inhibitory activity**
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- LXIII. **Novel 2,5-disubstituted-1,3,4-oxadiazole derivatives as MAO-B inhibitors: Synthesis, biological evaluation and molecular modeling studies**
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- LXV. **Design, Synthesis and Biological Evaluation of a Novel Series of Thiadiazole-Based Anticancer Agents as Potent Angiogenesis Inhibitors**
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- LXVIII. **Synthesis and biological evaluation of novel 1,3,4-thiadiazole derivatives as possible anticancer**

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- LXXIII. **Synthesis and monoamine oxidase A/B inhibitory evaluation of new benzothiazole-thiazolyldiazine derivatives**
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- LXXXIII. **Synthesis and AChE Inhibitory Activity of Novel Thiazolyldiazone Derivatives**
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