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Eğitim Bilgileri

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Yaptığı Tezler

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Araştırma Alanları

Farmasötik Kimya

Akademik Unvanlar / Görevler

Prof. Dr., Anadolu Üniversitesi, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 2018 - Devam Ediyor
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Verdiği Dersler

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SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- 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.
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- II. **Synthesis, DFT Calculations, In Silico Studies, and Antimicrobial Evaluation of Benzimidazole-Thiadiazole Derivatives**
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- 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.
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- IV. **Design, Synthesis, and Biological Effect Studies of Novel Benzofuran–Thiazolylhydrazone Derivatives as Monoamine Oxidase Inhibitors**
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- V. **Synthesis, characterization, biological evaluation and in silico studies of novel 1,3,4-thiadiazole derivatives as aromatase inhibitors**
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- VI. Design, synthesis and biological evaluation of novel ketone derivatives containing benzimidazole and 1,3,4-triazole as CA inhibitors
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- VII. Design, synthesis, and molecular docking studies of benzimidazole-1,3,4-triazole hybrids as carbonic anhydrase I and II inhibitors
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- VIII. Synthesis of Imidazole-Thiazole Derivatives as Acetylcholinesterase and Butyrylcholinesterase Inhibitory Activities
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- IX. Design, synthesis, biological activities, and evaluation of molecular docking-dynamics studies of new thiosemicarbazones that may be effective against Alzheimer's disease
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- X. Design, synthesis, molecular docking and molecular dynamic studies of novel benzimidazole-thiazole derivatives as potent and selective COX-2 inhibitors
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- XI. Design, synthesis, and biological activity studies of carbonic anhydrase inhibitors
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- XII. Development of Some Antiplatelet Salts as Drug Active Ingredients and Investigation Biological Activities
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- XIII. Synthesis and Biological Evaluation of Benzoxazolone-Thiosemicbazide, 1,2,4-Triazole, 1,3,4-Thiadiazole Derivatives as Cholinesterase Inhibitors
KOÇAK ASLAN E., SAĞLIK B. N., ÖZKAY Y., PALASKA E.
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- XIV. Synthesis of Imidazole-2,3-dihydrothiazole Compounds as VEGFR-2 Inhibitors and Their Support with in Silico Studies
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- XV. Synthesis of novel thiazol-2(3H)-imine derivatives as ergosterol biosynthesis inhibitors, and elucidation of their structures using a 2D NMR technique
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- XVI. Synthesis and Anticancer Activities of Pyrazole-Thiadiazole-Based EGFR Inhibitors
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- 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.
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- XVIII. Design, synthesis, evaluation of biological activities and molecular docking and dynamic studies of novel acetazolamide analog compounds

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- XIX. **Synthesis of new compounds bearing methyl sulfonyl pharmacophore as selective COX-2 inhibitor**
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- XX. **Synthesis, Antifungal Activities, Molecular Docking and Molecular Dynamic Studies of Novel Quinoxaline-Triazole Compounds**
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- XXI. **New benzimidazole-oxadiazole derivatives: Synthesis, alpha-glucosidase, alpha-amylase activity, and molecular modeling studies as potential antidiabetic agents**
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- XXII. **New imidazole derivatives as aromatase inhibitor: Design, synthesis, biological activity, molecular docking, and computational ADME-Tox studies**
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- 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.
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- XXIV. **Novel thiadiazol derivatives; design, synthesis, biological activity, molecular docking and molecular dynamics**
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- 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.
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- XXVI. **Synthesis and Molecular Docking of New N-Acyl Hydrazones-Benzimidazole as hCA I and II Inhibitors**
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- XXVII. **Design, synthesis and molecular docking and ADME studies of novel hydrazone derivatives for AChE inhibitory, BBB permeability and antioxidant effects**
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- 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.
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- XXIX. **Synthesis of Benzimidazole-1,2,4-triazole Derivatives as Potential Antifungal Agents Targeting 14 alpha-Demethylase**
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- 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**
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- 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.
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- XXXII. **Design, Synthesis, and In Vitro and In Silico Approaches of Novel Indanone Derivatives as Multifunctional Anti-Alzheimer Agents**
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- XXXIII. **Synthesis, Molecular Docking, Dynamics, Quantum-Chemical Computation, and Antimicrobial Activity Studies of Some New Benzimidazole-Thiadiazole Hybrids**
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- XXXIV. **Benzimidazole-hydrazone derivatives: Synthesis, in vitro anticancer, antimicrobial, antioxidant activities, in silico DFT and ADMET studies**
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- XXXV. **Synthesis of novel thiosemicarbazone derivatives and investigation of their dual AChE and MAO-B inhibitor effects**
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- 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.
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- XXXVII. **Synthesis, characterization, molecular docking, dynamics simulations, and in silico absorption, distribution, metabolism, and excretion (ADME) studies of new thiazolylhydrazone derivatives as butyrylcholinesterase inhibitors**
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- XXXVIII. **Design, synthesis and molecular docking studies of novel benzimidazole-1,3,4-oxadiazole hybrids for their carbonic anhydrase inhibitory and antioxidant effects**
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- XXXIX. **Design, synthesis, biological activity evaluation and in silico studies of new nicotinohydrazide derivatives as multi-targeted inhibitors for Alzheimer's disease**
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- XL. **Synthesis of novel benzothiazole derivatives and investigation of their enzyme inhibitory effects against Alzheimer's disease**
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- XLI. **N-Substituted Arylidene-3-(Methylsulfonyl)-2-Oxoimidazolidine-1-Carbohydrazide as Cholinesterase Inhibitors: Design, Synthesis, and Molecular Docking Study**
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- XLII. **Design, synthesis, and biological activity of novel dithiocarbamate-methylsulfonyl hybrids as carbonic anhydrase inhibitors**
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- XLIII. **Synthesis of New Pyrimidine-Triazole Derivatives and Investigation of Their Anticancer Activities**
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- 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.
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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, molecular docking and molecular dynamics studies of novel triazolothiadiazine derivatives containing furan or thiophene rings as anticancer agents**
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- 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.
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- 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.
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- 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.
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- 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.
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- 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.
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- LII. **Synthesis and biological evaluation of novel 1,3,4-oxadiazole derivatives as anticancer agents and potential EGFR inhibitors**
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- LIII. **Design, synthesis, biological activity, molecular docking, and molecular dynamics of novel benzimidazole derivatives as potential AChE/MAO-B dual inhibitors**
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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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- LXX. **Design, Synthesis, In Vitro and In Silico Studies of New Thiazolylhydrazine-Piperazine Derivatives as Selective MAO-A Inhibitors**
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- XXII. **Bioactive Metabolite Extraction by Brevibacterium and their Biological Activities**
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- L. Synthesis of new benzothiazole-hydrazone derivatives as potential mao enzymes inhibitors**

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- LIII. Synthesis and evaluation of novel hydrazone derivatives as monoamin oxidase inhibitors**

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- LIV. Anticandidal Activity Screening of Novel Triazole Derivatives**

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- LVI. Synthesis and anticholinesterase activity of novel oxadiazole-piperazine derivatives**

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- LVIII. Novel Imidazole Derivatives as Antifungal Agents: Synthesis, Biological Evaluation, ADME Prediction and Molecular Docking Studies**

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- LXXII. **Design, synthesis and evaluation of anticancer activity of new benzimidazole-hydrazone derivatives**
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- LXXIV. **Selective inhibitory activity against MAO and docking studies of new thiazolylhydrazine 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**
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- XCI. **SYNTHESIS AND EVALUATION OF A SERIES OF BENZOAZOLE DERIVATIVES AS NEW ANTICANCER AGENTS**
ALTINTOP M. D., AKALIN ÇİFTÇİ G., ÖZKAY Y.
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- XCII. **Analysis of parabensin protein based food supplements**
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- XCIII. **Synthesis of new donepezil analogues and evaluation of their cholinesterase inhibitory activity**
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- XCIV. **Synthesis of New Indan 1 one piperazine Derivatives as Anticholinesterase Agents**
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- XCV. **Cytotoxic Apoptotic and DNA Synthesis Inhibitory Effects of New Quinoxaline Derivatives**
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