

Asst. Prof. SERKAN LEVENT

Personal Information

Email: serkanlevent@anadolu.edu.tr

Web: <https://avesis.anadolu.edu.tr/serkanlevent>

International Researcher IDs

ScholarID: D2ISqbUAAAAJ

ORCID: 0000-0003-3692-163X

Publons / Web Of Science ResearcherID: AFN-3359-2022

ScopusID: 55674453300

Yoksis Researcher ID: 224706

Education Information

Doctorate, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Analitik Kimya (Dr), Turkey 2020 - 2024

Postgraduate, Gazi University, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya (YI) (Tezli), Turkey 2011 - 2014

Undergraduate, Middle East Technical University, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 2005 - 2011

Dissertations

Doctorate, Alektinib tayini için sıvı kromatografik metot geliştirilmesi, validasyonu ve bozunma ürünlerinin karakterizasyonu, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, ANALİTİK KİMYA ANABİLİM DALI, 2024

Postgraduate, 5-lipoksijenaz aktive edici protein (FLAP) inhibitörlerinin geliştirilmesi üzerinde çalışmalar, Gazi University, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya (YI) (Tezli), 2014

Research Areas

Pharmacology and Therapeutics

Academic Titles / Tasks

Assistant Professor, Anadolu University, ECZACILIK FAKÜLTESİ, TEMEL ECZACILIK BİLİMLERİ BÖLÜMÜ, 2024 - Continues

Lecturer, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 2015 - 2024

Published journal articles indexed by SCI, SSCI, and AHCI

- Synthesis of new piperazine-oxadiazole derivatives and investigation of their anticancer activities**
Uslu H., Goktas B., OSMANİYE D., LEVENT S., Goktas S. P., SAĞLIK ÖZKAN B. N., ÖZKAY Y., BENKLİ K.
JOURNAL OF MOLECULAR STRUCTURE, vol.1322, 2025 (SCI-Expanded)
- Metabolic engineering of *Saccharomyces cerevisiae* for enhanced taxadiene production**
KARACA AT SAROS H., KAYA M., Kapkac H. A., LEVENT S., ÖZKAY Y., Ozan S. D., Nielsen J., Krivoruchko A.
MICROBIAL CELL FACTORIES, vol.23, no.1, 2024 (SCI-Expanded)

- III. **A quality by design paradigm, novel, and fast LC-MS/MS method to quantify vortioxetine in rat brain homogenate and its assessment of greenness, whiteness, and blueness tools**
ÖZCAN S., AVCI H., LEVENT S., CAN N. Ö., ERGUN B.
Microchemical Journal, vol.207, 2024 (SCI-Expanded)
- IV. **A solid phase extraction of bisphenol derivatives for their LC-PDA-MS/MS determination in beverages of the Turkish market and its greenness, whiteness, and blueness assessment**
ÖZCAN S., Uzunoğlu Ü. E., LEVENT S., CAN N. Ö.
Journal of Food Composition and Analysis, vol.136, 2024 (SCI-Expanded)
- V. **Solvent-Based and Matrix-Matched Calibration Methods on Analysis of Ceftiofur Residues in Milk and Pharmaceutical Samples Using a Novel HPLC Method**
ÖZCAN S., LEVENT S., CAN N. Ö.
VETERINARY MEDICINE AND SCIENCE, vol.10, no.6, 2024 (SCI-Expanded)
- VI. **Design, Synthesis, Investigation, and Biological Activity Assessments of (4-Substituted-Phenyl)-N-(3-morpholinopropyl)-3-phenylthiazol-2-imine Derivatives as Antifungal Agents**
Haji Ali S., OSMANİYE D., Sağlık B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.
ACS OMEGA, no.38, pp.39326-39343, 2024 (SCI-Expanded)
- VII. **Synthesis, molecular dynamics simulation, and evaluation of biological activity of novel flurbiprofen and ibuprofen-like compounds**
Yıldız M. T., OSMANİYE D., SAĞLIK ÖZKAN B. N., LEVENT S., Kurnaz R., ÖZKAY Y., KAPLANCIKLI Z. A.
JOURNAL OF MOLECULAR RECOGNITION, vol.37, no.5, 2024 (SCI-Expanded)
- VIII. **Design, synthesis, and investigation of biological activities of new triazole derivatives with antifungal effect**
Göktaş B., OSMANİYE D., LEVENT S., SAĞLIK ÖZKAN B. N., ÖZKAY Y., KAPLANCIKLI Z. A.
Journal of Molecular Structure, vol.1310, 2024 (SCI-Expanded)
- IX. **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, vol.42, no.14, pp.7243-7256, 2024 (SCI-Expanded)
- X. **Design, synthesis, and assessment of pharmacological properties of indole-based fluorinated chalcones and their benzenesulfonamide analogs**
YAMALI C., SEVİN S., NENNİ M., Sakarya M. T., Uyar R., AYĞÜL A., ÜLGER M., İLHAN R., LEVENT S., GÜL H. İ.
CHEMICAL PAPERS, vol.77, no.12, pp.7903-7918, 2023 (SCI-Expanded)
- XI. **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.
JOURNAL OF MOLECULAR RECOGNITION, vol.36, no.12, 2023 (SCI-Expanded)
- XII. **Design, synthesis, and biological activity studies of carbonic anhydrase inhibitors**
Erzurum D., OSMANİYE D., SAĞLIK ÖZKAN B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.78, no.11-12, pp.421-432, 2023 (SCI-Expanded)
- XIII. **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)
- XIV. **Liquid chromatographic determination of lumacaftor in the presence of ivacaftor and identification of five novel degradation products using high-performance liquid chromatography ion trap time-of-flight mass spectrometry**
ÖZCAN S., Uzunoglu U. E., LEVENT S., CAN N. Ö.
JOURNAL OF SEPARATION SCIENCE, vol.46, no.17, 2023 (SCI-Expanded)

- XV. **A Different Perspective on the Characterization of a New Degradation Product of Flibanserin With HPLC-DAD-ESI-IT-TOF-MSn and Its Pharmaceutical Formulation Analysis With Inter-Laboratory Comparison**
Geven A., ÖZCAN S., LEVENT S., CAN N. Ö.
JOURNAL OF AOAC INTERNATIONAL, no.5, pp.1145-1153, 2023 (SCI-Expanded)
- XVI. **Synthesis of novel thiazol-2(3H)-imine derivatives as ergosterol biosynthesis inhibitors, and elucidation of their structures using a 2D NMR technique**
OSMANIYE 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)
- XVII. **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)
- XVIII. **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)
- 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**
OSMANIYE 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. **Design, Synthesis, and Biological Evaluation Studies of Novel Naphthalene-Chalcone Hybrids As Antimicrobial, Anticandidal, Anticancer, and VEGFR-2 Inhibitors**
OSMANIYE 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)
- XXII. **Design, synthesis and molecular docking and ADME studies of novel hydrazone derivatives for AChE inhibitory, BBB permeability and antioxidant effects**
OSMANIYE 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)
- XXIII. **Development of a New, Fully Validated LC-MS/MS Method for the Analysis of Flibanserin in Pharmaceutical Preparations and Comparison of the Chromatographic Performance with Six Stationary Phase Types**
Geven A., ÖZCAN S., LEVENT S., CAN N. Ö.
CURRENT ANALYTICAL CHEMISTRY, vol.19, no.7, pp.541-549, 2023 (SCI-Expanded)
- XXIV. **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)
- XXV. **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)
- XXVI. **Synthesis of new derivatives containing pyridine, investigation of MAO inhibitory activities and molecular docking studies**
OSMANIYE 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)
- XXVII. **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., Ilgin S., Özkay Y., Karaburun A. Ç., Kaplancıklı Z. A., Gündoğdu-Karaburun N.

RSC ADVANCES, vol.12, no.36, pp.23626-23636, 2022 (SCI-Expanded)

- XXVIII. **Synthesis of New Pyrimidine-Triazole Derivatives and Investigation of Their Anticancer Activities**
OSMANIYE D., Hidir A., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.
CHEMISTRY & BIODIVERSITY, vol.19, no.8, 2022 (SCI-Expanded)
- XXIX. **Quinazolinone-based benzenesulfonamides with low toxicity and high affinity as monoamine oxidase-A inhibitors: Synthesis, biological evaluation and induced-fit docking studies**
YAMALI C., GÜL H. İ., Sakarya M. T., SAĞLIK B. N., Ece A., DEMİREL G., NENNİ M., LEVENT S., Öner A. C.
BIOORGANIC CHEMISTRY, vol.124, 2022 (SCI-Expanded)
- XXX. **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.
MOLECULES, vol.27, no.7, 2022 (SCI-Expanded)
- XXXI. **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)
- XXXII. **Roeperone A, a new tetraoxygenated xanthone and other compounds from the leaves of Hypericum roeperianum Schimp. (Hypericaceae)**
Damen F., Simo Mpetga J. D., Demgne O. M. F., Celik I., Wamba B. E. N., Tapondjou L. A., Beng V. P., LEVENT S., Kuete V., Tene M.
NATURAL PRODUCT RESEARCH, vol.36, no.8, pp.2071-2077, 2022 (SCI-Expanded)
- XXXIII. **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)
- XXXIV. **Conventional and microwave prompted synthesis of aryl(alkyl)azole oximes, H-1-NMR spectroscopic determination of E/Z isomer ratio and HOMO-LUMO analysis**
BOZBEY İ., Uslu H., TÜRKMENOĞLU B., ÖZDEMİR Z., KARAKURT A., LEVENT S.
JOURNAL OF MOLECULAR STRUCTURE, vol.1251, 2022 (SCI-Expanded)
- XXXV. **Design and synthesis of novel chalcone derivatives and evaluation of their inhibitory activities against acetylcholinesterase**
Ceyhun I., Karaca Ş., OSMANİYE D., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.
ARCHIV DER PHARMAZIE, vol.355, no.3, 2022 (SCI-Expanded)
- XXXVI. **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 FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.77, no.3-4, pp.167-175, 2022 (SCI-Expanded)
- XXXVII. **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)
- XXXVIII. **Design, synthesis, in vitro and in silico studies of some novel triazoles as anticancer agents for breast cancer**
OSMANİYE D., SAĞLIK B. N., LEVENT S., ILGIN S., ÖZKAY Y., KAPLANCIKLI Z. A.
JOURNAL OF MOLECULAR STRUCTURE, vol.1246, 2021 (SCI-Expanded)
- XXXIX. **Design, synthesis, in vitro, and in silico studies of 1,2,4-triazole-piperazine hybrid derivatives as potential MAO inhibitors**
Uslu H., OSMANİYE D., SAĞLIK B. N., LEVENT S., ÖZKAY Y., Benkli K., KAPLANCIKLI Z. A.

BIOORGANIC CHEMISTRY, vol.117, 2021 (SCI-Expanded)

- XL. **Design, Synthesis and Biological Evaluation of New N-Acyl Hydrazones with a Methyl Sulfonyl Moiety as Selective COX-2 Inhibitors**
OSMANIYE D., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.
CHEMISTRY & BIODIVERSITY, vol.18, no.11, 2021 (SCI-Expanded)
- XLI. **Novel Thiosemicarbazone Derivatives: In Vitro and In Silico Evaluation as Potential MAO-B Inhibitors**
OSMANIYE D., Kurban B., SAĞLIK B. N., LEVENT S., Oezkay Y., KAPLANCIKLI Z. A.
MOLECULES, vol.26, no.21, 2021 (SCI-Expanded)
- XLII. **Design, synthesis, in vitro and in silico studies of some novel thiazole-dihydrofuran derivatives as aromatase inhibitors**
OSMANIYE D., Gorgulu S., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.
BIOORGANIC CHEMISTRY, vol.114, 2021 (SCI-Expanded)
- XLIII. **Synthesis, chemo-informatics, and anticancer evaluation of fluorophenyl-isoxazole derivatives**
Hawash M., Jaradat N., Abualhasan M., Amer J., LEVENT S., Issa S., Ibrahim S., Ayaseh A., Shtayeh T., Mousa A.
OPEN CHEMISTRY, vol.19, no.1, pp.855-863, 2021 (SCI-Expanded)
- XLIV. **Synthesis and in vitro carbonic anhydrases and acetylcholinesterase inhibitory activities of novel imidazolinone-based benzenesulfonamides**
TUĞRAK M., GÜL H. İ., Demir Y., LEVENT S., GÜLÇİN İ.
ARCHIV DER PHARMAZIE, vol.354, no.4, 2021 (SCI-Expanded)
- XLV. **Design, synthesis, biological evaluation, and docking studies of some novel chalcones as selective COX-2 inhibitors**
Kaya Cavusoglu B., SAĞLIK B. N., ACAR ÇEVİK U., OSMANIYE D., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.
ARCHIV DER PHARMAZIE, vol.354, no.3, 2021 (SCI-Expanded)
- XLVI. **A Novel and Sensitive LC-MS/MS Method for the Quantitation of Cefotiofur in Pharmaceutical Preparations and Milk Samples**
LEVENT S., ÖZCAN S., Geven A., CAN N. Ö.
COMBINATORIAL CHEMISTRY & HIGH THROUGHPUT SCREENING, vol.24, no.3, pp.386-399, 2021 (SCI-Expanded)
- XLVII. **Synthesis of some new benzoxazole derivatives and investigation of their anticancer activities**
OSMANIYE D., KORKUT ÇELİKATEŞ B., SAĞLIK B. N., LEVENT S., ACAR ÇEVİK U., ÇAVUŞOĞLU B. K., ILGIN S., ÖZKAY Y., KAPLANCIKLI Z. A.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.210, 2021 (SCI-Expanded)
- XLVIII. **Aspects of Matrix Effects in Applications of Liquid Chromatography-Mass Spectrometry to Catecholamine Analysis-A Review**
ÖZCAN S., LEVENT S., CAN N. Ö.
CURRENT ANALYTICAL CHEMISTRY, vol.17, no.9, pp.1305-1321, 2021 (SCI-Expanded)
- XLIX. **Design, synthesis and biological assessment of new selective COX-2 inhibitors including methyl sulfonyl moiety**
SAĞLIK B. N., OSMANIYE D., LEVENT S., ACAR ÇEVİK U., ÇAVUŞOĞLU B. K., ÖZKAY Y., KAPLANCIKLI Z. A.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.209, 2021 (SCI-Expanded)
- L. **Challenges, Progress and Promises of Impurities Annotation for LCMS-IT-TOF**
ÖZCAN S., LEVENT S., CAN N. Ö.
CURRENT PHARMACEUTICAL ANALYSIS, vol.17, no.3, pp.437-449, 2021 (SCI-Expanded)
- LI. **A Novel HPLC Method for Simultaneous Determination of Methyl, Ethyl, n-propyl, Isopropyl, n-butyl, Isobutyl and Benzyl Paraben in Pharmaceuticals and Cosmetics**
ÖZCAN S., LEVENT S., CAN N. Ö., Kozanli M.
COMBINATORIAL CHEMISTRY & HIGH THROUGHPUT SCREENING, vol.24, no.3, pp.352-365, 2021 (SCI-Expanded)
- LII. **Phenothiazine-based chalcones as potential dual-target inhibitors toward cholinesterases (AChE, BuChE) and monoamine oxidases (MAO-A, MAO-B)**
YAMALI C., Engin F. S., BİLGİNER S., TUĞRAK M., Ozmen Ozgun D., ÖZLİ G., LEVENT S., SAĞLIK B. N., ÖZKAY Y., GÜL H. İ.

JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.58, no.1, pp.161-171, 2021 (SCI-Expanded)

- LIII. **Synthesis and biological evaluation of novel 1,3,4-thiadiazole derivatives as possible anticancer agents**
ACAR ÇEVİK U., OSMANİYE D., LEVENT S., SAĞLIK B. N., KAYA ÇAVUŞOĞLU B., Karaduma A. B., ÖZKAY Y., KAPLANCIKLI Z. A.
ACTA PHARMACEUTICA, vol.70, no.4, pp.499-513, 2020 (SCI-Expanded)
- LIV. **Stability-indicating LC-MS/MS and LC-DAD methods for robust determination of tasimelteon and high resolution mass spectrometric identification of a novel degradation product**
ÖZCAN S., LEVENT S., Geven A., ÖZKAY Y., CAN N. Ö.
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.191, 2020 (SCI-Expanded)
- LIV. **Synthesis, investigation of biological effects and in silico studies of new benzimidazole derivatives as aromatase inhibitors**
SAĞLIK B. N., Sen A. M., Evren A. E., ACAR ÇEVİK U., OSMANİYE D., Cavusoglu B. K., LEVENT S., KARADUMAN A. B., ÖZKAY Y., KAPLANCIKLI Z. A.
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.75, no.9-10, pp.353-362, 2020 (SCI-Expanded)
- LVI. **Design, Synthesis, and Structure-Activity Relationships of Thiazole Analogs as Anticholinesterase Agents for Alzheimer's Disease**
SAĞLIK B. N., OSMANİYE D., ACAR ÇEVİK U., LEVENT S., ÇAVUŞOĞLU B. K., ÖZKAY Y., KAPLANCIKLI Z. A.
MOLECULES, vol.25, no.18, 2020 (SCI-Expanded)
- LVII. **Design, Synthesis, In Vitro and In Silico Studies of New Thiazolyldiazine-Piperazine Derivatives as Selective MAO-A Inhibitors**
SAĞLIK B. N., Cebeci O., ACAR ÇEVİK U., OSMANİYE D., LEVENT S., Kaya cavusoglu B., ILGIN S., ÖZKAY Y., KAPLANCIKLI Z. A.
MOLECULES, vol.25, no.18, 2020 (SCI-Expanded)
- LVIII. **Novel 1,3,4-thiadiazole compounds as potential MAO-A inhibitors - design, synthesis, biological evaluation and molecular modelling**
SAĞLIK B. N., KAYA ÇAVUŞOĞLU B., ACAR ÇEVİK U., OSMANİYE D., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.
RSC MEDICINAL CHEMISTRY, vol.11, no.9, pp.1063-1074, 2020 (SCI-Expanded)
- LIX. **Design, Synthesis, and Biological Activity Evaluation of New Donepezil-Like Compounds Bearing Thiazole Ring for the Treatment of Alzheimer's Disease**
SAĞLIK B. N., LEVENT S., OSMANİYE D., ACAR ÇEVİK U., ÇAVUŞOĞLU B. K., ÖZKAY Y., KOPARAL A. S., KAPLANCIKLI Z. A.
CRYSTALS, vol.10, no.8, 2020 (SCI-Expanded)
- LX. **Synthesis, characterization and carbonic anhydrase I and II inhibitory evaluation of new sulfonamide derivatives bearing dithiocarbamate**
SAĞLIK B. N., OSMANİYE D., ACAR ÇEVİK U., LEVENT S., ÇAVUŞOĞLU B. K., Buyukemir O., Nezir D., KARADUMAN A. B., ÖZKAY Y., KOPARAL A. S., et al.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.198, 2020 (SCI-Expanded)
- LXI. **Multifunctional quinoxaline-hydrazone derivatives with acetylcholinesterase and monoamine oxidases inhibitory activities as potential agents against Alzheimer's disease**
Cevik U., OSMANİYE D., SAĞLIK B. N., KAYA ÇAVUŞOĞLU B., LEVENT S., KARADUMAN A. B., ILGIN S., KARABURUN A. Ç., ÖZKAY Y., KAPLANCIKLI Z. A., et al.
MEDICINAL CHEMISTRY RESEARCH, vol.29, no.6, pp.1000-1011, 2020 (SCI-Expanded)
- LXII. **Synthesis and monoamine oxidase A/B inhibitory evaluation of new benzothiazole-thiazolyldiazine derivatives**
TURAN G., OSMANİYE D., SAĞLIK B. N., ACAR ÇEVİK U., LEVENT S., KAYA ÇAVUŞOĞLU B., DEMİR ÖZKAY Ü., ÖZKAY Y., KAPLANCIKLI Z. A.
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.195, no.6, pp.491-497, 2020 (SCI-Expanded)
- LXIII. **Synthesis and docking study of benzimidazole-triazolothiadiazine hybrids as aromatase inhibitors**

- ACAR ÇEVİK U., SAĞLIK B. N., OSMANİYE D., LEVENT S., KAYA ÇAVUŞOĞLU B., KARADUMAN A. B., ÖZKAY Y., KAPLANCIKLI Z. A.
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- LXIV. **Synthesis of new benzothiazole derivatives bearing thiadiazole as monoamine oxidase inhibitors**
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I. Çay Ekstrelerinin Antimikrobiyal Etkinliklerinin ve Antimikrobiyal Ajanlar ile Kombinasyonlarının Değerlendirilmesi

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XLII. Synthesis of new benzimidazole derivatives and evaluation of their anticholinesterase activity

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