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Eğitim Bilgileri

Post Doktora, Martin-Luther-Universitaet Halle-Wittenberg, Institute of Pharmacy, Pharmaceutical Chemistry and Clinical Pharmacy, Almanya 2023 - 2024

Doktora, Ankara Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya, Türkiye 2014 - 2020

Lisans, Erciyes Üniversitesi, Eczacılık Fakültesi, Eczacılık, Türkiye 2009 - 2014

Yabancı Diller

İngilizce, B2 Orta Üstü

Araştırma Alanları

Eczacılık, Farmasötik Kimya

Akademik Unvanlar / Görevler

Doç. Dr., Erciyes Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2022 - Devam Ediyor

Araştırma Görevlisi, Erciyes Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2015 - 2022

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- Investigation of the molecular interaction between apraclonidine, an α 2-adrenergic receptor agonist, and bovine serum albumin using fluorescence and molecular docking techniques**
Kucuk I., Küçükşahin Ö. B., YILDIRIM M., Kabir M. Z., SİLAH H., ÇELİK İ., USLU B.
Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, cilt.326, 2025 (SCI-Expanded)
- Immunomodulation and anticancer evaluation of quinazoline-based thalidomide analogs: Design, synthesis, docking, and dynamic simulation**
Abdallah A. E., Eissa I. H., Mehany A. B., Sakr H., Sakr T. M., Metwaly K., ÇELİK İ., El-Adl K., El-Zahabi M. A.
Journal of Molecular Structure, cilt.1317, 2024 (SCI-Expanded)
- Synergistic effect of potential alpha-amylase inhibitors from Egyptian propolis with acarbose using**

in silico and in vitro combination analysis

Nada A. A., Metwally A. M., Asaad A. M., ÇELİK İ., Ibrahim R. S., Eldin S. M. S.

BMC Complementary Medicine and Therapies, cilt.24, sa.1, 2024 (SCI-Expanded)

- IV. **Benzimidazole-Containing Compounds as Anticancer Agents**
Acar Çevik U., Isik A., Kaya B., Kapavarapu R., Rudrapal M., Halimi G., Karakaya A., Maryam Z., Çelik İ., Evren A. E., et al.
CHEMISTRYSELECT, cilt.9, sa.32, 2024 (SCI-Expanded)
- V. **Sedative and anxiolytic effects of Capparis sicula Duhamel: in vivo and in silico approaches with phytochemical profiling**
Karpuz Ağören B., Küpeli Akkol E., Çelik İ., Sobarzo-Sánchez E.
FRONTIERS IN PHARMACOLOGY, cilt.15, ss.1-12, 2024 (SCI-Expanded)
- VI. **Unraveling the interaction mechanism between orphan drug Nitisinone and bovine serum albumin through spectroscopic and in silico approaches.**
Bilkay M., Yazıcı S., Erkmen C., Celik İ., Satana Kara H. E.
Spectrochimica acta. Part A, Molecular and biomolecular spectroscopy, cilt.322, ss.124818, 2024 (SCI-Expanded)
- VII. **In vitro anti-Helicobacter pylori, anti-urease and anti-gastric cancer activities of novel hydrazones**
Maryam Z., Kaya B., BOSTANCI H. E., Kısa D., ÇELİK İ., ACAR ÇEVİK U., KAPLANCIKLİ Z. A.
Journal of Molecular Structure, cilt.1307, 2024 (SCI-Expanded)
- VIII. **New benzimidazole-oxadiazole derivatives as potent VEGFR-2 inhibitors: Synthesis, anticancer evaluation, and docking study.**
Acar Çevik U., Celik İ., Görgülü Ş., Şahin Inan Z. D., Bostancı H. E., Özkay Y., Kaplacıklı Z. A.
Drug development research, cilt.85, sa.4, 2024 (SCI-Expanded)
- IX. **Discovery and Anticancer Screening of Novel Oxindole-Based Derivative Bearing Pyridyl Group as Potent and Selective Dual FLT3/CDK2 Kinase Inhibitor.**
Soudi A., Bender O., Celik İ., El-Hafeez A. A. A., Dogan R., Atalay A., Elkaeed E. B., Alsouk A. A., Abdelhafez E. M. N., Aly O. M., et al.
Pharmaceuticals (Basel, Switzerland), cilt.17, sa.5, 2024 (SCI-Expanded)
- X. **Synthesis of novel indol-3-acetamido analogues as potent anticancer agents, biological evaluation and molecular modeling studies.**
Doganc F., Ozkan T., Farhangzad N., Mavideniz A., Celik İ., Sunguroglu A., Göker H.
Bioorganic chemistry, cilt.148, ss.107429, 2024 (SCI-Expanded)
- XI. **Deciphering the putative bioactive metabolites and the underlying mechanism of Juniperus horizontalis Moench (Creeping juniper) in the treatment of inflammation using network pharmacology and molecular docking.**
El-Banna A. A., Shawky E., Celik İ., Ghareeb D. A., Abdulmalek S. A., Darwish R. S.
The Journal of pharmacy and pharmacology, cilt.76, ss.514-533, 2024 (SCI-Expanded)
- XII. **Synthesis, DFT Calculations, <i>In Silico</i> Studies, and Antimicrobial Evaluation of Benzimidazole-Thiadiazole Derivatives**
Isik A., ACAR ÇEVİK U., Karayel A., Ahmad I., Patel H., ÇELİK İ., GÜL Ü. D., Bayazit G., BOSTANCI H. E., Kocak A., et al.
ACS OMEGA, cilt.9, sa.16, ss.18469-18479, 2024 (SCI-Expanded)
- XIII. **Investigating Potential Cancer Therapeutics: Insight into Histone Deacetylases (HDACs) Inhibitions.**
Ahmad B., Saeed A., Al-Amery A., Celik İ., Ahmed I., Yaseen M., Khan I. A., Al-Fahad D., Bhat M. A.
Pharmaceuticals (Basel, Switzerland), cilt.17, sa.4, 2024 (SCI-Expanded)
- XIV. **New Benzimidazole-Triazole Derivatives as Topoisomerase I Inhibitors: Design, Synthesis, Anticancer Screening, and Molecular Modeling Studies**
Çevik U. A., Kaya B., ÇELİK İ., Rudrapal M., Rakshit G., Karayel A., LEVENT S., OSMANİYE D., SAĞLIK ÖZKAN B. N., BAYSAL M., et al.
ACS Omega, sa.11, ss.13359-13372, 2024 (SCI-Expanded)
- XV. **Synthesis, Anticancer Activity, and In Silico Modeling of Alkylsulfonyl Benzimidazole Derivatives: Unveiling Potent Bcl-2 Inhibitors for Breast Cancer**
Abbade Y., KIŞLA M. M., Hassan M. A., ÇELİK İ., DOĞAN T., MUTLU P., ALAGÖZ Z.

ACS Omega, cilt.9, sa.8, ss.9547-9563, 2024 (SCI-Expanded)

- XVI. **Molecular insights into the anti-inflammatory activity of fermented pineapple juice using multimodal computational studies**
Tallei T. E., Fatimawali F., Adam A. A., Ekatanti D., ÇELİK İ., Fatriani R., Nainu F., Kusuma W. A., Rabaan A. A., Idroes R.
Archiv der Pharmazie, cilt.357, sa.1, 2024 (SCI-Expanded)
- XVII. **Effects of algerian nettle (*Urtica dioica* L.) on benign prostatic hyperplasia and their mechanism of action elucidation: in vivo and in silico approaches.**
Bougueroua K., Boufadi M. Y., Latreche B., Celik İ., Guerrero Gonzalez M., Doubbi Bounoua A., Bouras S., Eissa A., Zoair A.
Natural product research, cilt.38, sa.22, ss.4017-4027, 2024 (SCI-Expanded)
- XVIII. **Attenuation of quorum sensing regulated virulence functions and biofilm of pathogenic bacteria by medicinal plant *Artemisia annua* and its phytoconstituent 1, 8-cineole**
Khan M. A., Shahid M., ÇELİK İ., Khan H. M., Shahzad A., Husain F. M., Adil M.
Microscopy Research and Technique, cilt.87, sa.1, ss.133-148, 2024 (SCI-Expanded)
- XIX. **Computational Simulations Reveal the Synergistic Action of Phytochemicals of *Morus alba* to Exert Anti-Alzheimer Activity via Inhibition of Acetylcholinesterase and Glycogen Synthase Kinase-3 β**
Paul A., Zothantluanga J. H., Rakshit G., ÇELİK İ., Rudrapal M., Zaman M. K.
Polycyclic Aromatic Compounds, cilt.44, sa.5, ss.3476-3500, 2024 (SCI-Expanded)
- XX. **Design, synthesis, and molecular docking studies of benzimidazole-1,3,4-triazole hybrids as carbonic anhydrase I and II inhibitors**
ÇELİK İ., ACAR ÇEVİK U., Küçüköğlü K., NADAROĞLU H., BOSTANCI H. E., Işık A., ÖZKAY Y., KAPLANCIKLI Z. A.
Chemical Biology and Drug Design, cilt.103, sa.1, 2024 (SCI-Expanded)
- XXI. **Detection of natural compounds by virtual screening, molecular docking and dynamics studies and evaluation of their effects on tau level *in vitro* Alzheimer's model**
UZUNHİSARCIKLI E., ÇELİK İ., Yerer M. B.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, cilt.42, sa.1, ss.384-392, 2024 (SCI-Expanded)
- XXII. **Antibiofilm and anti-quorum sensing activity of *Psidium guajava* L. leaf extract: In vitro and in silico approach.**
Khan M. A., Celik İ., Khan H. M., Shahid M., Shahzad A., Kumar S., Ahmed B.
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- XXIII. **Interaction mechanism of a pesticide, Azoxystrobin with bovine serum albumin: Assessments through fluorescence, UV-Vis absorption, electrochemical and molecular docking simulation techniques.**
Erkmen C., Celik İ.
Spectrochimica acta. Part A, Molecular and biomolecular spectroscopy, cilt.308, ss.123719, 2023 (SCI-Expanded)
- XXIV. **Computational biology and in vitro studies for anticipating cancer-related molecular targets of sweet wormwood (*Artemisia annua*)**
Dawood H., ÇELİK İ., Ibrahim R. S.
BMC Complementary Medicine and Therapies, cilt.23, sa.1, 2023 (SCI-Expanded)
- XXV. **In vitro and in silico guided identification of antimalarial phytoconstituent(s) in the root of *Citrus maxima* (Burm.) Merr.**
Gogoi N., Rudrapal M., Celik İ., Kaishap P. P., Chetia D.
Journal of biomolecular structure & dynamics, ss.1-12, 2023 (SCI-Expanded)
- XXVI. **Synthesis of novel pyrazolone candidates with studying some biological activities and in-silico studies.**
Abdellattif M. H., Hamed E. O., Elhoseni N. K. R., Assy M. G., Emwas A. M., Jaremko M., Celik İ., Titi A., Kumar Yadav K., Elgendy M. S., et al.
Scientific reports, cilt.13, sa.1, ss.19170, 2023 (SCI-Expanded)
- XXVII. **Design, synthesis, molecular docking and molecular dynamic studies of novel benzimidazole-thiazole derivatives as potent and selective COX-2 inhibitors**

- IRMAK N. E., SAĞLIK B. N., ÇELİK İ., Tahsin Sen H., ÖZKAY Y., KILCIGİL G.
New Journal of Chemistry, cilt.47, sa.47, ss.21620-21632, 2023 (SCI-Expanded)
- XXVIII. **An integrated strategy combining UPLC-MS/MS, chemometrics, molecular docking, and molecular dynamics simulation for metabolic profiling of onion (*Allium cepa* L.) cultivars and unravelling potential anti-COVID-19 metabolites**
Elattar M. M., Hammada H. M., Ghareeb D. A., El-Hosseney M. F., Seadawy M. G., ÇELİK İ., Darwish R. S., Dawood H. M.
South African Journal of Botany, cilt.162, ss.885-900, 2023 (SCI-Expanded)
- XXIX. **The depsidones from marine sponge-derived fungus *Aspergillus unguis* IB151 as an anti-MRSA agent: Molecular docking, pharmacokinetics analysis, and molecular dynamic simulation studies**
Handayani D., Aminah I., Pontana Putra P., Eka Putra A., Arbain D., Satriawan H., Efdi M., ÇELİK İ., Ekawati Tallei T.
Saudi Pharmaceutical Journal, cilt.31, sa.9, 2023 (SCI-Expanded)
- XXX. **Epigallocatechin-3-Gallate Therapeutic Potential in Cancer: Mechanism of Action and Clinical Implications.**
Kciuk M., Alam M., Ali N., Rashid S., Głowacka P., Sundaraj R., Celik İ., Yahya E. B., Dubey A., Zerroug E., et al.
Molecules (Basel, Switzerland), cilt.28, sa.13, 2023 (SCI-Expanded)
- XXXI. **Pyrazolo[4,3-e]tetrazolo[1,5-b][1,2,4]triazine Sulfonamides as an Important Scaffold for Anticancer Drug Discovery-In Vitro and In Silico Evaluation.**
Kciuk M., Marciniak B., Celik İ., Zerroug E., Dubey A., Sundaraj R., Mujwar S., Bukowski K., Mojzych M., Kontek R.
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- XXXII. **Design, synthesis, molecular docking and biological evaluation of 1,2,4-triazole derivatives possessing a hydrazone moiety as anti-breast cancer agents**
Tapera M., Kekeçmuhammed H., Tunc C. U., Kutlu A. U., ÇELİK İ., Zorlu Y., AYDIN Ö., SARIPINAR E.
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- XXXIII. **Phytochemical Composition, In Vitro Antimicrobial, Antioxidant, and Enzyme Inhibition Activities, and In Silico Molecular Docking and Dynamics Simulations of *Centaurea lycaonica*: A Computational and Experimental Approach.**
Fatullayev H., Paşayeva L., Celik İ., İnce U., Tugay O.
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- XXXIV. **Forecasting of potential anti-inflammatory targets of some immunomodulatory plants and their constituents using in vitro, molecular docking and network pharmacology-based analysis.**
Khairy A., Ghareeb D. A., Celik İ., Hammada H. M., Zaatout H. H., Ibrahim R. S.
Scientific reports, cilt.13, sa.1, ss.9539, 2023 (SCI-Expanded)
- XXXV. **Exploring the structural, photophysical and optoelectronic properties of a diaryl heptanoid curcumin derivative and identification as a SARS-CoV-2 inhibitor**
Archana V. P., Armaković S. J., Armaković S., Çelik İ., Bhagyasree J., Dinesh Babu K., Rudrapal M., Divya I. S., Pillai R. R.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1281, ss.1-16, 2023 (SCI-Expanded)
- XXXVI. **New benzimidazole-oxadiazole derivatives: Synthesis, α -glucosidase, α -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, cilt.356, sa.5, 2023 (SCI-Expanded)
- XXXVII. **Beta Elemene induces cytotoxic effects in FLT3 ITD-mutated acute myeloid leukemia by modulating apoptosis.**
Alafnan A., Dogan R., Bender O., Celik İ., Mollica A., Malik J. A., Rengasamy K. R. R., Break M. K. B., Khojali W. M. A., Alharby T. N., et al.
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- XXXVIII. **Study of nonlinear optical responses of phytochemicals of *Clitoria ternatea* by quantum mechanical approach and investigation of their anti-Alzheimer activity with in silico approach**
Lakhera S., Devlal K., Rana M., ÇELİK İ.
STRUCTURAL CHEMISTRY, cilt.34, sa.2, ss.439-454, 2023 (SCI-Expanded)
- XXXIX. **New imidazole derivatives as aromatase inhibitor: Design, synthesis, biological activity, molecular**

docking, and computational ADME-Tox studies

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- XL. **Substances of Natural Origin in Medicine: Plants vs. Cancer.**
Gielecińska A., Kciuk M., Mujwar S., Celik İ., Kołat D., Kałuzińska-Kołat Ż., Kontek R.
Cells, cilt.12, sa.7, 2023 (SCI-Expanded)
- XLl. **Synthesis, biological evaluation, and molecular modeling studies of new 1,3,4-thiadiazole derivatives as potent antimicrobial agents.**
Acar Çevik U., Celik İ., İnce U., Maryam Z., Ahmad I., Patel H., Özkay Y., Kaplancıklı Z. A.
Chemistry & biodiversity, cilt.20, sa.3, 2023 (SCI-Expanded)
- XLII. **Design, Synthesis, In Silico and POM Studies for the Identification of the Pharmacophore Sites of Benzylidene Derivatives**
Hosen M. I., Mukhrish Y. E., Jawhari A. H., ÇELİK İ., EROL M., Abdallah E. M., Al-Ghorbani M., Baashen M., Almalki F. A., Laaroussi H., et al.
Molecules, cilt.28, sa.6, 2023 (SCI-Expanded)
- XLIII. **Vanillin-Based Indolin-2-one Derivative Bearing a Pyridyl Moiety as a Promising Anti-Breast Cancer Agent via Anti-Estrogenic Activity**
Bender O., ÇELİK İ., Dogan R., ATALAY A., Shoman M. E., Ali T. F. S., Beshr E. A. M., Mohamed M., Alaaeldin E., Shawky A. M., et al.
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- XLIV. **PD-1/PD-L1 and DNA Damage Response in Cancer**
Kciuk M., Kołat D., Kałuzińska-Kołat Ż., Gawrysiak M., Drozda R., Celik İ., Kontek R.
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- XLV. **Doxorubicin—An Agent with Multiple Mechanisms of Anticancer Activity**
Kciuk M., Gielecińska A., Mujwar S., Kołat D., Kałuzińska-Kołat Ż., Celik İ., Kontek R.
CELLS, cilt.12, sa.4, ss.1-30, 2023 (SCI-Expanded)
- XLVI. **DFT and MD investigations of the biomolecules of phenothiazine derivatives: interactions with gold and water molecules and investigations in search of effective drug for SARS-CoV-2.**
Al-Otaibi J. S., Mary Y. S., Mary S., Trivedi R., Chakraborty B., Yadav R., Celik İ., Soman S.
Journal of biomolecular structure & dynamics, cilt.41, sa.10, ss.4522-4533, 2023 (SCI-Expanded)
- XLVII. **New 2-((2-(2,4-dinitrophenyl)hydrazineylidene) derivatives: design, synthesis, in silico, and in vitro anticancer studies.**
Sajjan V. P., Anigol L. B., Gurubasavaraj P. M., Patil D., Patil P. S., Gummagol N. B., Quah C. K., Wong Q. A., Celik İ.
Journal of biomolecular structure & dynamics, cilt.41, sa.21, ss.11681-11699, 2023 (SCI-Expanded)
- XLVIII. **Synthesis, molecular docking, molecular dynamics and evaluation of Drug-Likeness properties of the fused N-Formyl pyrazoline substituted new dehydroepiandrosterone derivatives**
Çapan İ., Shehu A., Sert Y., Çelik İ., Erol M., Koca İ., Servi S.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, cilt.41, sa.6, ss.2492-2503, 2023 (SCI-Expanded)
- XLIX. **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**
ÇEVİK U. A., ÇELİK İ., Isik A., Ahmad I., Patel H., ÖZKAY Y., KAPLANCIKLI Z. A.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, cilt.41, sa.5, ss.1944-1958, 2023 (SCI-Expanded)
- L. **COMPREHENSIVE ANALYSIS ON COTINUS COGGYRIA SCOP. LEAVES: PHYTOCHEMICAL CHARACTERIZATION, BIOLOGICAL PROFILE AND DOCKING STUDIES**
ŞEKER KARATOPRAK G., Kiliç G., ÇELİK İ., İLGÜN S., KÖNGÜL ŞAFAK E., Koşar M.
Studia Universitatis Babeş-Bolyai Chemia, cilt.2023, sa.4, ss.71-92, 2023 (SCI-Expanded)
- LI. **In Vitro and in Silico Evaluation of Some New 1H-Benzimidazoles Bearing Thiosemicarbazide and Triazole as Epidermal Growth Factor Receptor Tyrosine Kinase Inhibitor**
ÇELİK İ., Ayhan-Kilcigil G., GÜVEN B., Kara Z., Onay-Besikci A.
POLYCYCLIC AROMATIC COMPOUNDS, cilt.43, sa.1, ss.444-455, 2023 (SCI-Expanded)
- LII. **Identification and in-vitro analysis of potential proteasome inhibitors targeting PSMβ5 for multiple**

myeloma

Yadav R., Nath U. K., Celik İ., Handu S., Jain N., Dhamija P.

BIOMEDICINE AND PHARMACOTHERAPY, cilt.157, sa.113963, ss.1-11, 2023 (SCI-Expanded)

- LIII. **Computational Investigation of the Interaction of Novel Indene Methylene Analogues with Acetylcholinesterase from Both Dynamic and Thermodynamic Perspectives**
Gupta S. M., Jain N. K., Yadav R., Erol M., Celik I., Gupta M., Behera A.
LETTERS IN DRUG DESIGN & DISCOVERY, cilt.20, sa.12, ss.1911-1921, 2023 (SCI-Expanded)
- LIV. **Resveratrol and Its Natural Analogues Inhibit RNA Dependant RNA Polymerase (RdRp) of Rhizopus oryzae in Mucormycosis through Computational Investigations**
ÇELİK İ., Rudrapal M., Yadalam P. K., Chinnam S., Balaji T. M., Varadarajan S., Khan J., Patil S., Walode S. G., Panke D.
POLYCYCLIC AROMATIC COMPOUNDS, cilt.43, sa.5, ss.4426-4443, 2023 (SCI-Expanded)
- LV. **Benzimidazole-hydrazone derivatives: Synthesis, in vitro anticancer, antimicrobial, antioxidant activities, in silico DFT and ADMET studies**
IŞIK A., Acar Çevik U., ÇELİK İ., BOSTANCI H. E., Karayel A., Gündoğdu G., İNCE U., Koçak A., Özkay Y., Kaplancıklı Z. A.
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- LVI. **Synthesis, Molecular Docking, Dynamics, Quantum-Chemical Computation, and Antimicrobial Activity Studies of Some New Benzimidazole-Thiadiazole Hybrids.**
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ACS omega, cilt.7, sa.50, ss.47015-47030, 2022 (SCI-Expanded)
- LVII. **Computational prediction of the effect of mutations in the receptor-binding domain on the interaction between SARS-CoV-2 and human ACE2**
Celik İ., Khan A., Dwivany F. M., Wei D., Tallei T. E.
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- LVIII. **Synthesis and Molecular Docking of New N-Acyl Hydrazones-Benzimidazole as hCA I and II Inhibitors**
Çevik U. A., Küçüköğlü K., Nadaroglu H., Celik İ., Işık A., Bostancı H. E., Özkay Y., Kaplancıklı Z. A.
MEDICINAL CHEMISTRY, cilt.19, ss.1-6, 2022 (SCI-Expanded)
- LIX. **Evaluation of the Chemical Composition, Antioxidant and Antidiabetic Activity of Rhaponticoides iconiensis Flowers: Effects on Key Enzymes Linked to Type 2 Diabetes In Vitro, In Silico and on Alloxan-Induced Diabetic Rats In Vivo.**
Paşayeva L., Fatullayev H., Celik I., Unal G., Bozkurt N. M., Tugay O., Abdellattif M. H.
Antioxidants (Basel, Switzerland), cilt.11, sa.11, 2022 (SCI-Expanded)
- LX. **Discovery of potential natural dihydroorotate dehydrogenase inhibitors and their synergism with brequinar via integrated molecular docking, dynamic simulations and in vitro approach**
Khairy A., Hammoda H. M., Celik İ., Zaatout H. H., Ibrahim R. S.
SCIENTIFIC REPORTS, cilt.12, sa.19037, ss.1-30, 2022 (SCI-Expanded)
- LXI. **Analgesic and Anti-Inflammatory Potential of Indole Derivatives**
Rudrapal M., Çelik İ., Chinnam S., Çevik U. A., Tallei T. E., Nizam A., Joy F., Abdellattif M. H., Walode S. G.
POLYCYCLIC AROMATIC COMPOUNDS, cilt.0, sa.0, ss.1-22, 2022 (SCI-Expanded)
- LXII. **Quantum mechanical, virtual screening, molecular docking, molecular dynamics, ADME and antimicrobial activity studies of some new indole-hydrazone derivatives as potent agents against E. faecalis**
EROL M., ÇELİK İ., İNCE U., FATULLAYEV H., UZUNHİSARCIKLI E., PÜSKÜLLÜ M. O.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, cilt.40, sa.17, ss.8112-8126, 2022 (SCI-Expanded)
- LXIII. **Discovery of oxindole-based FLT3 inhibitors as a promising therapeutic lead for acute myeloid leukemia carrying the oncogenic ITD mutation**
Bender O., Shoman M. E., Ali T. F. S., Dogan R., Çelik İ., Mollica A., Hamed M. I. A., Aly O. M., Alamri A., Alanazi J., et al.
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- LXIV. **Synthesis, characterization, molecular docking, dynamics simulations, and in silico absorption, distribution, metabolism, and excretion (ADME) studies of new thiazolyhydrazone derivatives as butyrylcholinesterase inhibitors**

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