

Asst. Prof. GÖKALP ÇETİN

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: EPR-7580-2022

ScopusID: 57201092615

Yoksis Researcher ID: 246897

Education Information

Doctorate, Hacettepe University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, Turkey 2016 - 2022

Undergraduate, Ankara University, Eczacılık Fakültesi, Turkey 2009 - 2014

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Education Management and Planning, Eğitimcilerin Eğitimi, Erzincan Binali Yıldırım Üniversitesi Sürekli Eğitim ve Araştırma Merkezi, 2022

Occupational Health and Safety, İş Sağlığı ve Güvenliği Eğitimi, Hacettepe Üniversitesi, 2017

Dissertations

Doctorate, Hezazahidrokinolin türevlerinin sentezi, sitotoksik özelliklerinin, ros oluşturma potansiyellerinin ve enflamasyon mediyatörleri üzerine etkilerinin in vitro değerlendirilmesi, Hacettepe University, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya A.B.D., 2022

Research Areas

Pharmacology and Therapeutics, Professional Sciences, Pharmaceutical Chemistry, Health Sciences

Academic Titles / Tasks

Assistant Professor, Erzincan Binali Yıldırım University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2022 - Continues

Research Assistant, Hacettepe University, Eczacılık Fakültesi, Meslek Bilimleri, 2016 - Continues

Academic and Administrative Experience

Erasmus Program Institutional Coordinator, Erzincan Binali Yildirim University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2022 - Continues

Courses

İleri Organik Kimya 1, Postgraduate, 2023 - 2024

Saflaştırma ve Ayırma Teknikleri, Postgraduate, 2023 - 2024

Published journal articles indexed by SCI, SSCI, and AHCI

- Synthesis and spectroscopic characterization and DFT study of benzyl 4-([1,1'-biphenyl]-4-yl)-2,6,6-trimethyl-5-oxo-1,4,5,6,7,8-hexahydroquinoline-3-carboxylate**
YILDIRIM S., BÜYÜKMUMCU Z., Butcher R. J., Çetin G., ŞİMŞEK R.
Journal of Molecular Structure, vol.1200, 2020 (SCI-Expanded)
- Synthesis, structural characterization and density functional studies of ethyl 4-(biphenyl-4-yl)-2,6,6-trimethyl-5-oxo-1,4,5,6,7,8-updtte hexahydroquinoline-3-carboxylate A non-merohedral twinned structure**
Yidirim S. O., BÜYÜKMUMCU Z., Butcher R. J., Cetin G., ŞİMŞEK R., Safak C.
JOURNAL OF MOLECULAR STRUCTURE, vol.1163, pp.161-166, 2018 (SCI-Expanded)

Articles Published in Other Journals

- Syntheses, characterizations, crystal structures and Hirshfeld surface analyses of methyl 4-[4-(difluoromethoxy)phenyl]-2,7,7-trimethyl-5-oxo-1,4,5,6,7,8-hexahydroquinoline-3-carboxylate, isopropyl 4-[4-(difluoromethoxy)phenyl]-2,6,6-trimethyl-5-oxo-1,4,5,6,7,8-hexahydroquinoline-3-carboxylate and tert-butyl 4-[4-(difluoromethoxy)phenyl]-2,6,6-trimethyl-5-oxo-1,4,5,6,7,8-hexahydroquinoline-3-carboxylate**
ÇETİN G., PEHLİVANLAR E., ŞİMŞEK R.
Acta Crystallographica Section E: Crystallographic Communications, vol.80, no.3, 2024 (ESCI)
- Synthesis, characterization, crystal structure and Hirshfeld surface analysis of isobutyl 4-[4-(difluoromethoxy)phenyl]-2,6,6-trimethyl-5-oxo-1,4,5,6,7,8-hexahydroquinoline-3-carboxylate**
Yıldırım S. Ö., AKKURT M., ÇETİN G., ŞİMŞEK R., Butcher R. J., Bhattarai A.
Acta Crystallographica Section E: Crystallographic Communications, vol.79, no.Pt 12, pp.1132-1136, 2023 (ESCI)
- Crystal structure and Hirshfeld surface analysis of isopropyl 4-[2-fluoro-5-(trifluoromethyl)phenyl]-2,6,6-trimethyl-5-oxo-1,4,5,6,7,8-hexahydro-quinoline-3-carboxylate**
Yıldırım S. Ö., AKKURT M., ÇETİN G., ŞİMŞEK R., Butcher R. J., Bhattarai A.
Acta Crystallographica Section E: Crystallographic Communications, vol.79, no.Pt 3, pp.187-191, 2023 (Scopus)
- Synthesis, characterization, crystal structure and Hirshfeld surface analysis of a hexahydroquinoline derivative: tert-butyl 4-([1,1'-biphenyl]-4-yl)-2,6,6-trimethyl-5-oxo-1,4,5,6,7,8-hexahydroquinoline-3-carboxylate**
Yıldırım S. Ö., AKKURT M., ÇETİN G., ŞİMŞEK R., Butcher R. J., Bhattarai A.
Acta Crystallographica Section E: Crystallographic Communications, vol.78, pp.798-803, 2022 (Scopus)
- A new perspective for biological activities of novel hexahydroquinoline derivatives**
Çetin G., Çetin B., Çolak B., Aşan M., DEMİREL G., CANSARAN DUMAN D., AKÇELİK N., ŞİMŞEK R.
Journal of Research in Pharmacy, vol.26, no.1, pp.219-230, 2022 (Scopus)
- DFT Studies, Synthesis, Biological Activity And Crystal Structure of Tert Butyl 4-([1,1' Biphenyl] 4 Yl) 2 Methyl 5 Oxo 1,4,5,6,7,8 Hexahydroquinoline 3 Carboxylate**
Yıldırım S. Ö., BÜYÜKMUMCU Z., ÇETİN G., ŞİMŞEK R., ŞAFAK O. C., Butcher R. J.

International Journal of Emerging Technology and Advanced Engineering, vol.9, no.5, pp.1-7, 2019 (Peer-Reviewed Journal)

VII. **Synthesis and biological evaluation of substituted hexahydroquinoline derivatives**

ÇETİN G., ŞİMŞEK R.

Biorganic and Medicinal Chemistry Reports, vol.2, 2019 (Peer-Reviewed Journal)

VIII. **Experimental and molecular modeling investigation of isopropyl 4-(biphenyl-4-yl)-2,6,6-trimethyl-5-oxo-1,4,5,6,7,8-hexahydroquinoline-3-carboxylate**

ÖZTÜRK YILDIRIM S., ÇETİN G., BÜYÜKMUMCU Z., ŞİMŞEK R., ŞAFAK O. C., BUTCHER R. J., SAVAŞ PEKDUR Ö.

AIP CONFERENCE PROCEEDINGS, vol.1935, no.1, 2018 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **SYNTHESIS, CHARACTERIZATION, CRYSTAL STRUCTURE AND DFT ANALYSIS OF BENZYL 4-[2-FLUORO-4-(TRIFLUOROMETHYL)PHENYL]-2,6,6-TRIMETHYL-1,4,5,6,7,8-HEXAHYDROQUINOLINE-3-CARBOXYLATE**

ÇETİN G., ŞİMŞEK R., Yıldırım S. Ö., BÜYÜKMUMCU Z., Butcher R. J.

3rd International Gazi Pharma Symposium Series, Ankara, Turkey, 8 - 10 September 2021

II. **THE EFFECTS OF NEW SUBSTITUTED HEXAHYDROQUINOLINE DERIVATIVES ON CYTOTOXICITY, INTRACELLULAR OXIDATION AND INFLAMMATION MEDIATORS IN HUMAN HEPATOMA CELL LINE**

ÇETİN G., YİRÜN A., BALCI ÖZYURT A., ERKEKOĞLU Ü. P., ŞİMŞEK R.

3rd International Gazi Pharma Symposium Series, Ankara, Turkey, 8 - 19 September 2021

III. **SYNTHESIS, ANTIMICROBIAL ACTIVITY and ELECTROCHEMICAL BEHAVIOUR of ALKYL 4-(4-(3-METHOXYCARBONYL)-2,6,6-TRIMETHYL-5-OXO-1,4,5,6,7,8-HEXAHYDROQUINOLINE-4-YL)PHENYL)-6,6-DIMETHYL-5-OXO-1,4,5,6,7,8-HEXAHYDROQUINOLINE-2-CARBOXYLATE**

ÇELİK H., Eroğlu A., ÇELİK M. Ş., ÇETİN G., ŞİMŞEK R., ŞAFAK O. C.

12th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 June 2018

IV. **SYNTHESIS AND CYTOTOXIC PROPERTIES OF CONDENSED 1,4-DIHYDROPYRIDINE DERIVATIVES**

ÇETİN G., şimşek r., Akçay D., Kocafe Ç., Şafak C.

GPSS 2017 GAZI PHARMA SYMPOSIUM SERIES, Ankara, Turkey, 11 - 13 October 2017, pp.196

V. **Experimental and molecular modeling investigation of isopropyl 4-(biphenyl-4-yl)-2,6,6-trimethyl-5-oxo-1,4,5,6,7,8-hexahydroquinoline-3-carboxylate**

Öztürk yıldırım S., ÇETİN G., Büyükmumcu Z., Şimşek R., Gündüz M. G., Şafak C., Butcher R., Savaş Pekdur Ö.

Turkish Physical Society 33rd International Physics Congress, Muğla, Turkey, 6 - 10 September 2017, pp.240

VI. **Experimental and Molecular Modeling Inverstigation of Isopropyl 4-(Biphenyl-4-yl)-2,6,6-trimethyl-5-oxo-1,4,5,6,7,8-hexahydroquinoline-3-carboxylate**

öztürk yıldırım s., ÇETİN G., BÜYÜKMUMCU Z., ŞİMŞEK R., GÜNDÜZ M. G., ŞAFAK O. C., butcher r. j., savaş pekdur ö.

Turkish Physical Society 33rd International Physics Congress, 6 - 10 September 2017

Supported Projects

Çetin G., Project Supported by Higher Education Institutions, Yeni Hekzahidrokinolin Türevlerinin Sentezi ve Karakterizasyonu Tranforme Edici Büyüme Faktörü Beta TGF Üzerine İnhibitör Etkileri ve Antikanser Aktivitelerinin Araştırılması Moleküler Hedeflerle Etkileşimlerinin In Silico Olarak Saptanması, 2020 - 2022

Çetin G., Project Supported by Higher Education Institutions, Yeni Hekzahidrokinolin Türevlerinin Sentezi Karakterizasyonu Dönüştürücü Büyüme Faktörü-Beta (TGF-beta) ve İnflamasyon Mediyatörlerine İnhibitör Etkilerinin İn Vitro ve İn Silico Olarak İncelenmesi, 2020 - 2022

Çetin G., Project Supported by Higher Education Institutions, Alkil 2,6,6(2,7,7)-trimetil-4-(bifenil)-5-okso-1,4,5,6,7,8-hekzahidrokinolin 3-karboksilat türevlerinin sentezi ve karakterizasyonu, 2017 - 2018

Çetin G., Project Supported by Higher Education Institutions, L-Tipi Kalsiyum Kanal Blokörü Kondanse 1,4-Dihidropiridin

Türevlerinin Mikrodalga Yardımıyla Sentezi, 2016 - 2017

Metrics

Publication: 17

Citation (Scopus): 12

H-Index (Scopus): 2

Congress and Symposium Activities

V. Ulusal Farmasötik Kimya Kongresi, Attendee, Erzurum, Turkey, 2018

GPSS 2017, Attendee, Ankara, Turkey, 2017