Res. Asst. NÜVEYRE CANBOLAT

Personal Information

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Education Information

Postgraduate, Ihsan Dogramaci Bilkent University, Faculty Of Scıence, Department Of Chemıstry, Turkey 2016 - 2018
Undergraduate, Ihsan Dogramaci Bilkent University, Faculty Of Scıence, Department Of Chemıstry, Turkey 2010 - 2016

Certificates, Courses and Trainings

Other, PSSCMP 2023: Fractionalization, criticality and unconventional quantum materials , Princeton University, 2023
Other, 6.00.2x: Introduction to Computational Thinking and Data Science, Massachusetts Institute of Technology, 2023
Other, 6.00.1x: Introduction to Computer Science and Programming Using Python, Massachusetts Institute of Technology, 2023
Other, PSSCMP 2022:Hidden Correlations in Flat Bands, Princeton University, 2022
Other, Deep Modeling for Molecular Simulation, CSI, Princeton University, virtual workshop, 2022
Other, HZB Photon School 2022, Friedrich-Alexander-Universitaet Erlangen-Nürnberg, 2022
IT, "HTML5 ile Web Geliştirme" eğitimi, Bilgi Teknolojileri ve İletişimi Kurumu, 2022
Other, High-throughput reaction screening for accelerated materials research, Chemistry World Webinas, 2021
Health&Medicine, A Scientific Journey of a Niche API Achieving Breakthrough Status by the FDA for a Lifesaving Drug for Infants, C&EN, 2021
Other, Faster Drug Discovery and Optimization with physics-based computational method , Chemsitry World Webinar, 2021
Other, Accelerating Innovation through Collaborative Discovery and Design on Materials Informatics Platforms, C&EN , 2021
IT, Katılım Sertifikası_BTK Akademi "Kriptoloji Temelleri" eğitimi, Bilişim Teknolojileri Kurumu, 2020

Dissertations

Postgraduate, Synthesis and characterization of silver phosphate from lyotropic liquid crystalline mesophase template as a photocatalyst, Ihsan Dogramaci Bilkent University, Fen Fakültesi, Kimya Bölümü, 2018

Research Areas

Inorganic Chemistry

Academic Titles / Tasks

Research Assistant, Gazi University, Fen Fakültesi, Kimya, 2018 - Continues

Articles Published in Other Journals

I. **Biological activities and DNA interactions of aqueous extract of Phlomis linearis (Boiss. & Bal.)**
Aydın B., Gönder L. Y., Çerçi N. A., Ateş Y. C., Yalçınkaya İ., Canbolat N., Açık L., Karacan N., Akyüz Turumtay E., Turumtay H.
International Journal of Plant Based Pharmaceuticals, vol.3, no.1, pp.73-85, 2023 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **Potential AHAS enzyme inhibitor containing sulfone and tetrazole groups: Synthesis, Characterization, Molecular Docking and ADME Investigations**
Canbolat N., Özdemir Özmen Ü., Doyduk D., Yıldırır Y.
6th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2023), Ankara, Turkey, 11 - 13 October 2023, pp.186

II. **Multi-Faceted Analysis of a Novel Sulfonylurea for Potent Herbicidal Activity: Synthesis, Characterization, ADME, Conformational Analysis, Molecular Docking, and Induced Fit Docking**
Canbolat N., Özdemir Özmen Ü., Yakan M., Koca İ., Karacan N.
6th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2023), Ankara, Turkey, 11 - 13 October 2023, pp.191

III. **Synthesis of new type Sulfonylureas as an ALS enzyme inhibitor and their metal complexes: Calculation in molecular docking and dynamics to examine ligand interactions**
Canbolat N., Karacan N.
ACS Fall 2023: Harnessing the Power of Data, California, United States Of America, 13 - 17 August 2023, pp.1

IV. **New generation sulfonylureas as a herbicide: In vivo vs. Molecular Docking Results**
Bulut M. B., Canbolat N., Karacan N.
ACS Fall 2023: Harnessing the Power of Data, California, United States Of America, 13 - 17 August 2023, pp.1

V. **Novel sulfonylureas that herbicidial and antimalarial activities: Molecular docking calculations**
Canbolat N., Karacan N.
ACS Spring 2022, Bonding Through Chemistry, California, United States Of America, 20 March 2022

VI. **New type of Sulfonylureas as an AHAS enzyme inhibitor: Calculation in Molecular Docking**
Canbolat N., Karacan N.
ACS Fall 2021 Resilience of Chemistry, Georgia, United States Of America, 22 - 27 August 2021

VII. **Synthesis and Characterization of Silver-Phosphate Thin Films**
CANBOLAT N., DAĞ Ö.
Chemistry Discussions 2018, Ankara, Turkey, 30 April 2018

VIII. **Synthesis and Characterization of Silver-Phosphate Thin Films**
CANBOLAT N., DAĞ Ö.
13th Nanoscience Nanotechnology Conference_NANOTR13, Antalya, Turkey, 22 - 25 October 2017

IX. **Synthesis And Characterization Of Silver Phosphate Thin Films**
CANBOLAT N., DAĞ Ö.
12th International Nanoscience and Nanotechnology Conference, Kocaeli, Turkey, 3 - 05 June 2016

Supported Projects

Canbolat N., Bulut M. B., TUBITAK Project, Yenil Nesil Sülfoniliüre Herbisitlerin Sentesi ve Herbisidal Etkilerinin İncelenmesi, 2022 - 2023

ÖZDEMİR ÖZMEN Ü., CANBOLAT N., KARACAN N., Project Supported by Higher Education Institutions, Sülfon Grubu İçeren Ligandların ve Geçiş Metal Komplekslerinin Sentezi, Karakterizasyonu, Bazı Enzimler Üzerindeki İnhibisyon Etkilerinin Deneysel ve İn Silico Analizleri İle İncelenmesi, 2020 - 2023

Canbolat N., TUBITAK Project, Yüksek Performans Hesaplamalı Moleküler Kenetlenme Sunucusu (HPC MD Server), 2021 - 2022

Memberships / Tasks in Scientific Organizations

American Chemical Society, Member, 2021 - Continues, United States Of America

Metrics

Publication: 10

Awards

Canbolat N., 1512 Girişimcilik Destek Programı (BİGG) ve Akademisyen Ortaklı Şirket, Gazi Üniversitesi, October 2023

Canbolat N., Commons:European Science Photo Competition 2015MicroscopyWinnersTURKEY, Commons:European Science Photo Competition 2015, November 2015