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Education Information

Doctorate, Kocaeli University, Fen Bilimleri Enstitüsü, Chemistry, Turkey 2016 - 2023
Postgraduate, Marmara University, Institute For Graduate Studies İn Pure And Applied Sciences, Department Of Chemistry, Turkey 2013 - 2016
Undergraduate, Marmara University, Faculty Of Arts And Sciences, Chemistry, Turkey 2005 - 2011

Foreign Languages

English, C2 Mastery

Research Areas

Bioorganic Chemistry, Organic Chemistry, Chemistry of Heterocyclic Compounds, Organic Spectroscopy, Free Radicals

Academic Titles / Tasks

Research Assistant, Kocaeli University, Fen Bilimleri Enstitüsü, Kimya, 2016 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Microwave assisted synthesis and AChE inhibition studies of novel thiazolo and thiadiazolo [3,2-a]pyrimidinone fused dihydrofuran compounds**
YILMAZ M., Inal A. U., SARI S.
Medicinal Chemistry Research, vol.32, no.5, pp.957-974, 2023 (SCI-Expanded)

II. **In vitro antioxidant activities and in silico molecular docking studies of N-substituted oxime derivatives**
SARI S., Kilic N., YILMAZ M.
STRUCTURAL CHEMISTRY, vol.34, no.2, pp.605-616, 2023 (SCI-Expanded)

III. **Acetylcholinesterase inhibition, molecular docking and ADME prediction studies of new dihydrofuran-piperazine hybrid compounds**

SARI S., YILMAZ M.
MEDICINAL CHEMISTRY RESEARCH, vol.30, no.11, pp.2114-2126, 2021 (SCI-Expanded)

IV. **Synthesis, characterization, acetylcholinesterase inhibition, and molecular docking studies of new piperazine substituted dihydrofuran compounds**
SARI S., YILMAZ M.
MEDICINAL CHEMISTRY RESEARCH, vol.29, no.10, pp.1804-1818, 2020 (SCI-Expanded)

V. **Synthesis and characterization of piperazine-substituted dihydrofuran derivatives viaMn(OAc)3 mediated radical cyclizations**
SARI S., YILMAZ M.
TURKISH JOURNAL OF CHEMISTRY, vol.44, no.5, pp.1303-1332, 2020 (SCI-Expanded)

VI. **Synthesis and characterization of unsaturated diacyl and alkyl-acyl piperazine derivatives**
SARI S., Unalan S., YILMAZ M.
TURKISH JOURNAL OF CHEMISTRY, vol.43, no.6, pp.1656-1710, 2019 (SCI-Expanded)

VII. **Microwave assisted synthesis of novel zinc(II) phthalocyanines bearing 1,3-diazido-2-propanoxy functional groups and investigation of their photochemical properties**
Sari S., Durmus M., Bulut M.
TETRAHEDRON LETTERS, vol.57, no.10, pp.1124-1128, 2016 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

I. **N-sübstitüe Oksimlerin Sentezi ve Antioksidan Aktivitelerinin İncelenmesi**
KILIÇ N., SARI S., YILMAZ M.
32. ULUSAL KİMYA KONGRESİ, Turkey, 17 - 19 September 2020

II. **AChE inhibition and molecular docking studies of new piperazine-dihydrofuran compounds**
SARI S., YILMAZ M.
3RD INTERNATIONAL EURASIAN CONFERENCE ON BIOLOGICAL AND CHEMICAL SCIENCES, 19 - 20 March 2020

III. **Mn(OAc)3 mediated synthesis of novel piperazine bearing dihydrofurans and investigation of their enzyme inhibiton capabilities.Part 2.**
SARI S., YILMAZ M.
2. International Conference on Applied Chemistry, 25 - 28 November 2017

IV. **1. Mn(OAc)3 mediated synthesis of novel piperazine bearing dihydrofurans and investigation of their enzyme inhibiton capabilities.Part 2.**
Sarı S., Yılmaz M.
2nd International Conference on Applied Chemistry, Al-Ghardaqah, Egypt, 25 - 28 November 2017, pp.118-119

V. **Mn(OAc)3 mediated synthesis of novel piperazine bearing dihydrofurans and investigation of their enzyme inhibiton capabilities.Part 1.**
SARI S., YILMAZ M.
ANCON 2017, 5 - 07 October 2017

Metrics

Publication: 12
Citation (WoS): 27
Citation (Scopus): 25
H-Index (WoS): 3
H-Index (Scopus): 3