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International Researcher IDs

ORCID: 0000-0001-8496-6782

Publons / Web Of Science ResearcherID: J-6194-2019

ScopusID: 56735838100

Yoksis Researcher ID: 277843

Education Information

Doctorate, Inonu University, Fen Bilimleri Enstitüsü, Organik Kimya, Turkey 2012 - 2017

Postgraduate, Inonu University, Fen Bilimleri Enstitüsü, Organik Kimya, Turkey 2010 - 2012

Undergraduate, Selcuk University, Faculty Of Education, Kimya Öğretmenliği, Turkey 1997 - 2001

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, Pd-N-Heterosiklik Karben Komplekslerinin Sentezi, Özellikleri, Katalitik Aktiviteleri ve Antikanser Uygulamaları, Inonu University, Fen Bilimleri Üniversitesi, Organik Kimya, 2017

Postgraduate, (1,3-dialkilimidazolin-2-iliden)-Gümüş ve Rutenum Komplekslerinin Sentezi ve Özellikleri, Inonu University, Fen Bilimleri Enstitüsü, Organik Kimya, 2012

Research Areas

Chemistry, Catalysis, Metal Carbene Complexes, Organic Chemistry, Chemistry of Heterocyclic Compounds, Organic Spectroscopy, Organometallics

Academic Titles / Tasks

Associate Professor, Inonu University, Sağlık Hizmetleri Meslek Yüksekokulu, Tibbi Hizmetler Ve Teknikler, 2021 - Continues

Assistant Professor, Inonu University, Sağlık Hizmetleri Meslek Yüksekokulu, Tibbi Hizmetler Ve Teknikler, 2020 - 2021

Academic and Administrative Experience

BAP Koordinatör Yardımcısı, Inonu University, Sağlık Hizmetleri Meslek Yüksekokulu, Tıbbi Hizmetler Ve Teknikler, 2021
- Continues

BAP Scientific Commissioner, Inonu University, Sağlık Hizmetleri Meslek Yüksekokulu, Tıbbi Hizmetler Ve Teknikler, 2021
- Continues

Mevlana Exchange Program Coordinator, Inonu University, Sağlık Hizmetleri Meslek Yüksekokulu, Tıbbi Hizmetler Ve Teknikler, 2021 - Continues

Assistant Director of Vocational School, Inonu University, 2022 - 2023

Courses

ORGANİK SPEKTROSKOPİ, Postgraduate, 2022 - 2023

Organik Kimya, Associate Degree, 2020 - 2021

Çocukta Bilim ve Teknoloji, Associate Degree, 2020 - 2021

Temel Kimya, Associate Degree, 2020 - 2021

Quality Assurance and Standards, Associate Degree, 2019 - 2020

Laboratuvar Aletleri ve Sterilizasyon, Associate Degree, 2020-2021

Temel Kimya, Associate Degree, 2020-2021

Kalite Güvencesi, Associate Degree, 2020-2021

Laboratory Tools and Sterilization, Associate Degree, 2019 - 2020

İlaç Kimyası, Associate Degree, 2020 - 2021

İlaç Kimyası, Associate Degree, 2020-2021

Laboratuvar Aletleri ve Sterilizasyon, Associate Degree, 2020 - 2021

Basic Information Technologies, Associate Degree, 2019 - 2020

Kalite Güvence ve Standartlar, Associate Degree, 2020-2021

Temel Bilgi Teknolojileri, Associate Degree, 2019-2020

Kalite Güvence ve Standart, Associate Degree, 2019-2020

Laboratuvar Aletleri Sterilizasyon, Associate Degree, 2019-2020

Advising Theses

Gök Y., Aktaş A., ELEKTRON ÇEKİCİ GRUP İÇEREN KARBEN ÖNCÜLLERİ VE KARBEN KOMPLEKSLERİ, Postgraduate, Ö.Demirci(Student), 2021

Jury Memberships

Doctoral Examination, Doctoral Examination, Eskişehir Teknik Üniversitesi, June, 2023

Doctoral Examination, Doctoral Examination, Eskişehir Teknik Üniversitesi, June, 2023

Post Graduate, Post Graduate, İnönü Üniversitesi, June, 2022

Doctoral Examination, Doctoral Examination, İnönü Üniversitesi, January, 2022

Post Graduate, Post Graduate, İnönü Üniversitesi, July, 2021

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, İnönü Üniversitesi, April, 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Benzimidazolium Salts Bearing Nitrile Moieties: Synthesis, Enzyme Inhibition Profiling, and Molecular Docking Analysis for Carbonic Anhydrase and Acetylcholinesterase**
Öner E., Gök Y., Demir Y., Taşkın Tok T., Aktaş A., Gülçin İ., Yalın S.

- CHEMISTRY AND BIODIVERSITY, vol.21, no.2, pp.1-14, 2023 (SCI-Expanded)
- II. **Acetylphenyl-substituted imidazolium salts: synthesis, characterization, in silico studies and inhibitory properties against some metabolic enzymes**
Demirci Ö., Tezcan B., Demir Y., Taşkin Tok T., Gök Y., Aktaş A., Güzel B., Gülçin İ.
MOLECULAR DIVERSITY, vol.27, pp.2767-2787, 2023 (SCI-Expanded)
- III. **New palladium complexes with N-heterocyclic carbene and morpholine ligands: Synthesis, characterization, crystal structure, molecular docking, and biological activities**
Behçet A., Taslimi P., Şen Yüksel B., Taşkin Tok T., Aktaş A., Gök Y., Aygün M., Gülçin I.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.38, no.1, pp.1-14, 2023 (SCI-Expanded)
- IV. **N-Heterocyclic Compounds, in silico Molecular Docking Studies, and in vitro Enzyme Inhibition Effect Against Acetylcholinesterase Inhibitors**
Güzel A., İşık Z., Gök Y., Taşkin Tok T., Aktaş A.
CURRENT TOPICS IN MEDICINAL CHEMISTRY, vol.2023, pp.2416-2426, 2023 (SCI-Expanded)
- V. **Thioether-substituted Benzimidazolium Salts: Synthesis, Characterization, Crystal Structure, and Their Inhibitory Properties Against Acetylcholinesterase and Xanthine Oxidase**
Yavuz K., Noma S. A. A., Şen Yüksel B., Taşkin Tok T., Aktaş A., Ateş B., Osman B., Aygün M., Gök Y.
JOURNAL OF MOLECULAR STRUCTURE, vol.1287, no.135640, pp.1-10, 2023 (SCI-Expanded)
- VI. **The Cytotoxicity Profile, Apoptosis Mechanism, and Molecular Docking Studies of a Series of Benzimidazolium Derivative Morpholine-Substituted Ag(I) Heterocyclic Carbene Complexes**
Kutlu T., Yıldırım I., Dikmen M., Taşkin Tok T., Aktaş A., Gök Y.
PHARMACEUTICAL CHEMISTRY JOURNAL, vol.57, no.1, pp.10-28, 2023 (SCI-Expanded)
- VII. **Design, synthesis, characterization, crystal structure, in silico studies, and inhibitory properties of the PEPPSI type Pd(II)NHC complexes bearing chloro/fluorobenzyl group**
Gök Y., Taslimi P., Şen Yüksel B., Bal S., Aktaş A., Aygün M., Sadeghi M., Gülçin İ.
BIOORGANIC CHEMISTRY, vol.135, no.106513, pp.1-13, 2023 (SCI-Expanded)
- VIII. **Fluorinated benzimidazolium salts: Synthesis, characterization, molecular docking studies and inhibitory properties against some metabolic enzymes**
Zengin R., Gök Y., Demir Y., Şen Yüksel B., Taşkin Tok T., Aktaş A., Demirci Ö., Gülçin İ., Aygün M.
JOURNAL OF FLUORINE CHEMISTRY, vol.267, no. 110094, pp.1-12, 2023 (SCI-Expanded)
- IX. **Synthesis of Thiazole-Chalcone Hybrid Molecules: Antioxidant, Alpha(α)-Amylase Inhibition and Docking Studies**
Iqbal H., Akhtar , Haroon M., Aktaş A., Tahir , Ehsan M.
CHEMISTRY AND BIODIVERSITY, vol.1134, pp.1-12, 2023 (SCI-Expanded)
- X. **Design, synthesis, spectroscopic characterizations, single crystal X-ray analysis, in vitro xanthine oxidase and acetylcholinesterase inhibitory evaluation as well as in silico evaluation of selenium-based N-heterocyclic carbene compounds**
Kaya G., Noma S. A. A., Barut Celepçi D., Bayıl İ., Taşkin Tok T., Gök Y., Ateş B., Aktaş A., Aygün M., Tezcan B.
JOURNAL OF BIOMOLECULAR STRUCTURE AND DYNAMICS, vol.42, pp.1-20, 2023 (SCI-Expanded)
- XI. **Benzimidazolium Salts Containing Trifluoromethoxybenzyl: Synthesis, Characterization, Crystal Structure, Molecular Docking Studies and Enzymes Inhibitory Properties**
Hamide M., Gök Y., Demir Y., Sevinçek R., Taşkin T., Tezcan B., Aktaş A., Gülçin İ., Aygün M., Güzel B.
CHEMISTRY AND BIODIVERSITY, vol.202200257, pp.1-12, 2022 (SCI-Expanded)
- XII. **Synthesis, Characterization and Inhibitor Properties of Benzimidazolium Salts Bearing 4-(methylsulfonyl)benzyl Side Arms**
Güzel A., Noma S. A. A., Şen Yüksel B., Kazancı A., Taşkin Tok T., Kolaç T., Aktaş A., Ateş B., Aygün M., Gök Y.
JOURNAL OF MOLECULAR STRUCTURE, vol.134320, pp.1-11, 2022 (SCI-Expanded)
- XIII. **The palladium-based complexes bearing 1,3-dibenzylbenzimidazolium with morpholine, triphenylphosphine, and pyridine derivate ligands: synthesis, characterization, structure and enzyme inhibitions**
Aktaş A., Yakalı G., Demir Y., Gülçin İ., Aygün M., Gök Y.
HELIYON, vol.8, no.9, pp.1-11, 2022 (SCI-Expanded)

- XIV. **New PEPPSI-Pd-NHC complexes bearing 4-hydroxyphenylethyl group: Synthesis, characterization, molecular docking, and bioactivity properties**
Behçet A., Taslimi P., Gök Y., Aktaş A., Taşkin Tok T., Gülcin İ.
ARCHIV DER PHARMAZIE, vol.276, pp.1-13, 2022 (SCI-Expanded)
- XV. **Pentafluorobenzyl-substituted benzimidazolium salts: Synthesis, characterization, crystal structures, computational studies and inhibitory properties of some metabolic enzymes**
Hamide M., Gök Y., Demir Y., Yakalı G., Taşkin Tok T., Aktaş A., Sevinçek R., Güzel B., Gülcin İ.
JOURNAL OF MOLECULAR STRUCTURE, vol.1265, pp.1-15, 2022 (SCI-Expanded)
- XVI. **Benzimidazolium salts bearing the trifluoromethyl group as organofluorine compounds: Synthesis, characterization, crystal structure, in silico study, and inhibitory profiles against acetylcholinesterase and α -glycosidase**
Tezcan B., Gök Y., Sevinçek R., Taslimi P., Taşkin Tok T., Aktaş A., Güzel B., Aygün M., Gülcin İ.
Journal Of Biochemical And Molecular Toxicology, vol.23001, pp.1-16, 2022 (SCI-Expanded)
- XVII. **Synthesis, Characterization, DNA Binding and Anticancer Activities of The Imidazolidine-Functionalized (NHC)Ru(II) Complexes**
Gürses C., Aktaş A., Balcioglu S., Fadhilah A., Gök Y., Ateş B.
JOURNAL OF MOLECULAR STRUCTURE, vol.131350, no.1247, pp.1-9, 2022 (SCI-Expanded)
- XVIII. **A study about excellent xanthine oxidase inhibitory effects of new pyridine salts**
Yılmaz U., Noma S. A. A., Tok T. T., Sen B., GÖK Y., AKTAŞ A., ATEŞ B., AYGÜN M.
MONATSHEFTE FÜR CHEMIE, vol.152, no.10, pp.1251-1260, 2021 (SCI-Expanded)
- XIX. **Benzimidazole-Functionalized PEPPSI type Pd(II)NHC Complexes Bearing Nitrophenylethyl and Hydroxyphenylethyl Group: Synthesis, Characterization, Crystal Structure and it's Catalytic Activity on Direct Arylation Reaction**
Çağlılar T., Behçet A., Celepçi D. B., Aktaş A., Gök Y., Aygün M.
JOURNAL OF MOLECULAR STRUCTURE, vol.1446, pp.1-12, 2021 (SCI-Expanded)
- XX. **Synthesis, characterization, crystal structure, alpha-glycosidase, and acetylcholinesterase inhibitory properties of 1,3-disubstituted benzimidazolium salts**
BAL S., Demirci O., ŞEN B., Taslimi P., AKTAŞ A., GÖK Y., AYGÜN M., GÜLÇİN İ.
ARCHIV DER PHARMAZIE, vol.354, no.5, 2021 (SCI-Expanded)
- XXI. **Silver N-heterocyclic carbene complexes bearing fluorinated benzyl group: Synthesis, characterization, crystal structure, computational studies, and inhibitory properties against some metabolic enzymes**
Bal S., Demirci Ö., Şen B., Taşkin Tok T., Taslimi P., Aktaş A., Gök Y., Aygün M., Gülcin İ.
Applied Organometallic Chemistry, vol.2021, no.6312, pp.1-12, 2021 (SCI-Expanded)
- XXII. **PEPPSI type Pd(II)NHC complexes bearing chloro-/fluorobenzyl group: Synthesis, characterization, crystal structures, α -glycosidase and acetylcholinesterase inhibitory properties**
Bal S., Demirci Ö., Şen B., Taslimi P., Aktaş A., Gök Y., Aygün M., Gülcin İ.
Polyhedron, vol.198, pp.1-10, 2021 (SCI-Expanded)
- XXIII. **Novel silver(I)N-heterocyclic carbene complexes bearing 2-(4-hydroxyphenyl)ethyl group: Synthesis, characterization, and enzyme inhibition properties**
Behcet A., AKTAŞ A., GÖK Y., Kaya R., Taslimi P., GÜLÇİN İ.
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.58, no.2, pp.603-611, 2021 (SCI-Expanded)
- XXIV. **Synthesis, characterization and bioactivities of dative donor ligand N-heterocyclic carbene (NHC) precursors and their Ag(I)NHC coordination compounds**
Kazancı A., GÖK Y., Kaya R., AKTAŞ A., Taslimi P., GÜLÇİN İ.
Polyhedron, vol.193, 2021 (SCI-Expanded)
- XXV. **Synthesis, characterization, crystal structure and bioactivity properties of the benzimidazole-functionalized PEPPSI type of Pd(II)NHC complexes**
Daşgın S., Gök Y., Celepçi D. B., Taslimi P., İzmirli M., Aktaş A., Gülcin İ.
JOURNAL OF MOLECULAR STRUCTURE, pp.1-9, 2020 (SCI-Expanded)
- XXVI. **The (NHC)PdBr₂(2-aminopyridine) complexes: synthesis, characterization, molecular docking study,**

- and inhibitor effects on the human serum carbonic anhydrase and serum bovine xanthine oxidase**
Turker F., Noma S. A. A., AKTAŞ A., Al-Khafaji K., Tok T. T., ATEŞ B., GÖK Y.
MONATSHEFTE FÜR CHEMIE, vol.151, no.10, pp.1557-1567, 2020 (SCI-Expanded)
- XXVII. New Pd-PPEPSI complexes bearing meta-cyanobenzyl-Substituted NHC: Synthesis, characterization, crystal structure and catalytic activity in direct C-H arylation of (Hetero)arenes with aryl bromides**
TÜRKER F., BEREKET I., Celepçi D. B., AKTAŞ A., GÖK Y.
JOURNAL OF MOLECULAR STRUCTURE, vol.1205, 2020 (SCI-Expanded)
- XXVIII. Synthesis, crystal structures, spectral investigations, conformational analysis and DFT studies of N-heterocyclic carbene precursors**
ERDEMİR F., Celepçi D. B., AKTAŞ A., GÖK Y.
JOURNAL OF MOLECULAR STRUCTURE, vol.1204, 2020 (SCI-Expanded)
- XXIX. A Novel Ag-N-Heterocyclic Carbene Complex Bearing the Hydroxyethyl Ligand: Synthesis, Characterization, Crystal and Spectral Structures and Bioactivity Properties**
AKTAŞ A., Celepçi D., GÖK Y., Taslimi P., Akincioglu H., GÜLÇİN İ.
CRYSTALS, vol.10, no.3, 2020 (SCI-Expanded)
- XXX. 4-Vinylbenzyl and 2-morpholinoethyl substituted ruthenium (II) complexes: Design, synthesis, and biological evaluation**
SARı Y., GÜRSES C., Celepçi D. B., Kelestemur U., AKTAŞ A., YÜKSEL Ş., ATEŞ B., GÖK Y.
JOURNAL OF MOLECULAR STRUCTURE, vol.1202, 2020 (SCI-Expanded)
- XXXI. Novel 2-methylimidazolium salts: Synthesis, characterization, molecular docking, and carbonic anhydrase and acetylcholinesterase inhibitory properties**
Bal S., Kaya R., GÖK Y., Taslimi P., AKTAŞ A., Karaman M., GÜLÇİN İ.
BIOORGANIC CHEMISTRY, vol.94, 2020 (SCI-Expanded)
- XXXII. Prediction of biological activities, structural investigation and theoretical studies of meta-cyanobenzyl substituted benzimidazolium salts**
Celepçi D. B., AKTAŞ A.
Acta Chimica Slovenica, vol.67, no.3, pp.830-841, 2020 (SCI-Expanded)
- XXXIII. Chemistry, structure, and biological roles of Au-NHC complexes as TrxR inhibitors**
KARAASLAN M. G., AKTAŞ A., GÜRSES C., GÖK Y., ATEŞ B.
BIOORGANIC CHEMISTRY, vol.95, 2020 (SCI-Expanded)
- XXXIV. New (NHC)Pd(II)(PPh₃) complexes: synthesis, characterization, crystal structure and its application on Sonogashira and Mizoroki-Heck cross-coupling reactions**
Erdemir F., AKTAŞ A., CELEPCİ D. B., GÖK Y.
CHEMICAL PAPERS, vol.74, no.1, pp.99-112, 2020 (SCI-Expanded)
- XXXV. New morpholine-ligated palladium(II) N-heterocyclic carbene complexes: Synthesis, characterization, crystal structure, and DNA-binding studies**
TÜRKER F., GÜRSES C., Celepçi D. B., AKTAŞ A., ATEŞ B., GÖK Y.
ARCHIV DER PHARMAZIE, vol.352, no.12, 2019 (SCI-Expanded)
- XXXVI. A New Palladium Complex Containing the Mixture of Carbene and Phosphine Ligands: Synthesis, Crystal Structure and Spectral FT-IR, NMR and UV-Vis Researches**
AKTAŞ A.
CHINESE JOURNAL OF STRUCTURAL CHEMISTRY, vol.38, no.10, pp.1664-1672, 2019 (SCI-Expanded)
- XXXVII. Novel 2-aminopyridine liganded Pd(II) N-heterocyclic carbene complexes: Synthesis, characterization, crystal structure and bioactivity properties**
Erdemir P., Celepçi D. B., AKTAŞ A., GÖK Y., Kaya R., Taslimi P., Demir Y., GÜLÇİN İ.
BIOORGANIC CHEMISTRY, vol.91, 2019 (SCI-Expanded)
- XXXVIII. Synthesis, crystal structures, spectral FT-IR, NMR and UV-Vis investigations and Hirshfeld surface analysis of two new 2-hydroxyethyl-substituted N-heterocyclic carbene precursors**
AKTAŞ A., CELEPCİ D. B., GÖK Y.
JOURNAL OF THE CHINESE CHEMICAL SOCIETY, vol.66, no.10, pp.1389-1396, 2019 (SCI-Expanded)
- XXXIX. Yeni Morfolinoetil-Sübstitüyeli (NHC)PdBr₂(3-Kloropiridin) Kompleksleri: Sentez, Karakterizasyon**

ve Suzuki-Miyaura Reaksiyonundaki Katalitik Aktivite

AKTAŞ A.

Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.23, no.2, pp.374-380, 2019 (SCI-Expanded)

- XL. **Novel 2-hydroxyethyl substituted N-coordinate-Pd(II)(NHC) and bis(NHC)Pd(II) complexes: Synthesis, characterization and the catalytic activity in the direct arylation reaction**

AKTAŞ A., Celepçi D. B., Goek Y.

JOURNAL OF CHEMICAL SCIENCES, vol.131, no.8, 2019 (SCI-Expanded)

- XLI. **2-hydroxyethyl-substituted (NHC)PdI₂(pyridine) (Pd-PEPPSI) Complexes: Synthesis, Characterization and the Catalytic Activity in the Sonogashira Cross-coupling Reaction**

Erdemir F., CELEPCİ D. B., AKTAŞ A., GÖK Y.

CHEMISTRYSELECT, vol.4, no.19, pp.5585-5590, 2019 (SCI-Expanded)

- XLII. **New 2-hydroxyethyl substituted N-Heterocyclic carbene precursors: Synthesis, characterization, crystal structure and inhibitory properties against carbonic anhydrase and xanthine oxidase**

AKTAŞ A., Noma S. A. A., CELEPCİ D. B., Erdemir F., GÖK Y., ATEŞ B.

JOURNAL OF MOLECULAR STRUCTURE, vol.1184, pp.487-494, 2019 (SCI-Expanded)

- XLIII. **Mixed phosphine/N-heterocyclic carbene-palladium complexes: synthesis, characterization, crystal structure and application in the Sonogashira reaction in aqueous media**

AKTAŞ A., Erdemir F., CELEPCİ D. B., GÖK Y., AYGÜN M.

TRANSITION METAL CHEMISTRY, vol.44, no.3, pp.229-236, 2019 (SCI-Expanded)

- XLIV. **Novel morpholine liganded Pd-based N-heterocyclic carbene complexes: Synthesis, characterization, crystal structure, antidiabetic and anticholinergic properties**

AKTAŞ A., CELEPCİ D. B., Kaya R., Taslimi P., GÖK Y., AYGÜN M., GÜLÇİN İ.

POLYHEDRON, vol.159, pp.345-354, 2019 (SCI-Expanded)

- XLV. **2-methyl-1,4-benzodioxan-substituted bis(NHC)PdX₂ complexes: Synthesis, characterization and the catalytic activity in the direct arylation reaction of some 2-alkyl-heterocyclic compounds**

GÖK Y., AKTAŞ A., Sari Y., Erdogan H.

JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, vol.16, no.2, pp.423-433, 2019 (SCI-Expanded)

- XLVI. **2-Hydroxyethyl-Substituted (NHC)Pd(II)PPh₃ Complexes: Synthesis, Characterization, Crystal Structure and Its Application on Sonogashira Cross-Coupling Reactions in Aqueous Media**

AKTAŞ A., CELEPCİ D. B., GÖK Y., AYGÜN M.

CHEMISTRYSELECT, vol.3, no.39, pp.10932-10937, 2018 (SCI-Expanded)

- XLVII. **Synthesis, characterization and crystal structure of 2-(4-hydroxyphenyl)ethyl and 2-(4-nitrophenyl)ethyl Substituted Benzimidazole Bromide Salts: Their inhibitory properties against carbonic anhydrase and acetylcholinesterase**

Behcet A., Caglilar T., CELEPCİ D. B., AKTAŞ A., Taslimi P., GÖK Y., AYGÜN M., Kaya R., GÜLÇİN İ.

JOURNAL OF MOLECULAR STRUCTURE, vol.1170, pp.160-169, 2018 (SCI-Expanded)

- XLVIII. **2-Hydroxyethyl-Substituted Pd-PEPPSI Complexes: Synthesis, Characterization and the Catalytic Activity in the Suzuki-Miyaura Reaction for Aryl Chlorides in Aqueous Media**

AKTAŞ A., CELEPCİ D. B., GÖK Y., AYGÜN M.

CHEMISTRYSELECT, vol.3, no.35, pp.9974-9980, 2018 (SCI-Expanded)

- XLIX. **Four 2-Hydroxyethyl substituted NHC iodide complexes: structural characterization and theoretical comparisons**

Celepçi D. B., AKTAŞ A., GÖK Y., Aygun M.

ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.74, 2018 (SCI-Expanded)

- L. **Novel Benzylic Substituted Imidazolinium, Tetrahydropyrimidinium and Tetrahydroadiazepinium Salts: Potent Carbonic Anhydrase and Acetylcholinesterase Inhibitors**

YİĞİT B., YİĞİT M., CELEPCİ D. B., GÖK Y., AKTAŞ A., AYGÜN M., Taslimi P., GÜLÇİN İ.

CHEMISTRYSELECT, vol.3, no.27, pp.7976-7982, 2018 (SCI-Expanded)

- LI. **meta-Cyanobenzyl substituted benzimidazolium salts: Synthesis, characterization, crystal structure and carbonic anhydrase, -glycosidase, butyrylcholinesterase, and acetylcholinesterase inhibitory properties**

- TÜRKER F., Celepçi D. B., AKTAŞ A., Taslimi P., GÖK Y., Aygun M., GÜLÇİN İ.
ARCHIV DER PHARMAZIE, vol.351, no.7, 2018 (SCI-Expanded)
- LII. **2-Hydroxyethyl substituted NHC precursors: Synthesis, characterization, crystal structure and carbonic anhydrase, alpha-glycosidase, butyrylcholinesterase, and acetylcholinesterase inhibitory properties**
Erdemir F., CELEPCİ D. B., AKTAŞ A., Taslimi P., GÖK Y., KARABIYIK H., GÜLÇİN İ.
JOURNAL OF MOLECULAR STRUCTURE, vol.1155, pp.797-806, 2018 (SCI-Expanded)
- LIII. **New 4-vinylbenzyl-substituted bis(NHC)-Pd(II) complexes: Synthesis, characterization and the catalytic activity in the direct arylation reaction**
GÖK Y., AKTAŞ A., Erdogan H., Sari Y.
INORGANICA CHIMICA ACTA, vol.471, pp.735-740, 2018 (SCI-Expanded)
- LIV. **N-Propylphthalimide-substituted bis-(NHC)PdX₂ complexes: synthesis, characterization and catalytic activity in direct arylation reactions**
Erdogan H., AKTAŞ A., GÖK Y., Sari Y.
TRANSITION METAL CHEMISTRY, vol.43, no.1, pp.31-37, 2018 (SCI-Expanded)
- LV. **Effects of salicylic acid and organic selenium on wheat (*Triticum aestivum L.*) exposed to fenoxaprop-p-ethyl**
Akbulut G. B., YİĞİT E., KAYA A., AKTAŞ A.
ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY, vol.148, pp.901-909, 2018 (SCI-Expanded)
- LVI. **2-Morpholinoethyl-substituted N-heterocyclic carbene (NHC) precursors and their silver(I)NHC complexes: synthesis, crystal structure and in vitro anticancer properties**
AKTAŞ A., KELEŞTEMUR U., GÖK Y., BALCIOGLU S., ATEŞ B., Aygun M.
JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, vol.15, no.1, pp.131-139, 2018 (SCI-Expanded)
- LVII. **Novel N-propylphthalimide- and 4-vinylbenzyl-substituted benzimidazole salts: Synthesis, characterization, and determination of their metal chelating effects and inhibition profiles against acetylcholinesterase and carbonic anhydrase enzymes**
SARI Y., AKTAŞ A., Taslimi P., GÖK Y., GÜLÇİN İ.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.32, no.1, 2018 (SCI-Expanded)
- LVIII. **Synthesis, characterization, crystal structure, and antimicrobial studies of 2-morpholinoethyl-substituted benzimidazolium salts and their silver(I)-N-heterocyclic carbene complexes**
Yıldırım I., AKTAŞ A., CELEPCİ D. B., KIRBAĞ S., KUTLU T., GÖK Y., AYGÜN M.
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International Journal Of Food Properties, Journal Indexed in SCI-E, June 2019
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Metrics

Publication: 126
Citation (WoS): 1449
Citation (Scopus): 1455
H-Index (WoS): 22
H-Index (Scopus): 22

Congress and Symposium Activities

2. KAHRAMANMARAŞ BİYOKİMYA GÜNLERİ, Invited Speaker, Kahramanmaraş, Turkey, 2022
EURASIANBIOCHEM 2022, Attendee, Ankara, Turkey, 2022
1st International Conference on Innovative Academic Studies. , Attendee, Konya, Turkey, 2022
5th International Science Symposium "New Horizons in Science" , Attendee, Sarajevo, Bosnia And Herzegovina, 2022
5. International Organic Chemistry Congress, Attendee, Malatya, Turkey, 2021
3st International Conference on Physical Chemistry & Functional Materials (PCFM20), Attendee, Malatya, Turkey, 2020
32. Ulusal Kimya Kongresi, Attendee, Ankara, Turkey, 2020
2023 EĞİTİM VİZYONU MALATYA ÇALIŞTAYI , Moderator, Malatya, Turkey, 2019
7 th NATIONAL CATALYSIS CONGRESS (NCC7), Attendee, Denizli, Turkey, 2018
1st International Conference on Physical Chemistry and Functional Materials (PCFM18), Attendee, Elazığ, Turkey, 2018
III. Ulusal Organik Kimya Kongresi (ORGKON 2016), Attendee, Trabzon, Turkey, 2016
8. ULUSAL KATALİZ YAZ OKULU 3. ANADOLU KATALİZ OKULU , Attendee, Malatya, Turkey, 2013

Non Academic Experience

TUBITAK, TÜBİTAK, TÜBİTAK
TUBITAK, TÜBİTAK, TÜBİTAK
Other Public Institution, Milli Eğitim Bakanlığı
MİLLÎ EĞİTİM BAKANLIĞI