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Education Information

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

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

Under Graduate, Selcuk University, Eğitim Fakültesi, 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

Post Graduate, (1,3-dialkilimidazolin-2-iliden)-Gümüş ve Rutenyum 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, Tıbbi Hizmetler Ve Teknikler, 2021 - Continues

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

Courses

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

Laboratory Tools and Sterilization, Associate Degree, 2019 - 2020
İlaç Kimyası, Associate Degree, 2020 - 2021
Laboratuvar Aletleri ve Sterilizasyon, Associate Degree, 2020 - 2021
Basic Information Technologies, Associate Degree, 2019 - 2020

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **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., Taşkın Tok T., Taslimi P., Aktaş A., Gök Y., Aygün M., Gülçin İ.
Applied Organometallic Chemistry, vol.2021, no.6312, pp.1-12, 2021 (Journal Indexed in SCI Expanded)
- II. **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., Gülçin İ.
Polyhedron, vol.198, pp.1-10, 2021 (Journal Indexed in SCI)
- III. **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, 2021 (Journal Indexed in SCI)
- IV. **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 (Journal Indexed in SCI Expanded)
- V. **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, 2020 (Journal Indexed in SCI)
- VI. **Synthesis, characterization, crystal structure and bioactivity properties of the b enzimazole-functionalize d PEPPSI type of Pd(II)NHC complexes**
Daşgın S., Gök Y., Celepci D. B. , Taslimi P., İzmirli M., Aktaş A., Gülçin İ.
JOURNAL OF MOLECULAR STRUCTURE, pp.1-9, 2020 (Journal Indexed in SCI)
- VII. **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, 2020 (Journal Indexed in SCI)
- VIII. **New Pd-PEPPSI 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., Celepci D. B. , AKTAŞ A., GÖK Y.
JOURNAL OF MOLECULAR STRUCTURE, vol.1205, 2020 (Journal Indexed in SCI)
- IX. **Synthesis, crystal structures, spectral investigations, conformational analysis and DFT studies of N-heterocyclic carbene precursors**
ERDEMİR F., Celepci D. B. , AKTAŞ A., GÖK Y.
JOURNAL OF MOLECULAR STRUCTURE, vol.1204, 2020 (Journal Indexed in SCI)
- X. **A Novel Ag-N-Heterocyclic Carbene Complex Bearing the Hydroxyethyl Ligand: Synthesis, Characterization, Crystal and Spectral Structures and Bioactivity Properties**
AKTAŞ A., Celepci D., GÖK Y., Taslimi P., Akincioglu H., GÜLÇİN İ.
CRYSTALS, vol.10, no.3, 2020 (Journal Indexed in SCI)
- XI. **4-Vinylbenzyl and 2-morpholinoethyl substituted ruthenium (II) complexes: Design, synthesis, and biological evaluation**

SARı Y., GÜRSES C., Celepci D. B. , Kelestemur U., AKTAŞ A., YÜKSEL Ş., ATEŞ B., GÖK Y.

JOURNAL OF MOLECULAR STRUCTURE, vol.1202, 2020 (Journal Indexed in SCI)

- XII. **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 (Journal Indexed in SCI)
- XIII. **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 (Journal Indexed in SCI)
- XIV. **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 (Journal Indexed in SCI)
- XV. **Prediction of biological activities, structural investigation and theoretical studies of meta-cyanobenzyl substituted benzimidazolium salts**
Celepci D. B. , AKTAŞ A.
Acta Chimica Slovenica, vol.67, no.3, pp.830-841, 2020 (Journal Indexed in SCI Expanded)
- XVI. **New morpholine-liganded palladium(II) N-heterocyclic carbene complexes: Synthesis, characterization, crystal structure, and DNA-binding studies**
TÜRKER F., GÜRSES C., Celepci D. B. , AKTAŞ A., ATEŞ B., GÖK Y.
ARCHIV DER PHARMAZIE, vol.352, no.12, 2019 (Journal Indexed in SCI)
- XVII. **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 (Journal Indexed in SCI)
- XVIII. **Novel 2-aminopyridine liganded Pd(II) N-heterocyclic carbene complexes: Synthesis, characterization, crystal structure and bioactivity properties**
Erdemir P., Celepci D. B. , AKTAŞ A., GÖK Y., Kaya R., Taslimi P., Demir Y., GÜLÇİN İ.
BIOORGANIC CHEMISTRY, vol.91, 2019 (Journal Indexed in SCI)
- XIX. **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 (Journal Indexed in SCI)
- XX. **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., Celepci D. B. , Goek Y.
JOURNAL OF CHEMICAL SCIENCES, vol.131, no.8, 2019 (Journal Indexed in SCI)
- XXI. **2-hydroxyethyl-substituted (NHC)Pd(II)(pyridine) (Pd-PEPSSI) 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 (Journal Indexed in SCI)
- XXII. **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 (Journal Indexed in SCI)
- XXIII. **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 (Journal Indexed in SCI)
- XXIV. **2-methyl-1,4-benzodioxan-substituted bis(NHC)Pd(II) 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 (Journal Indexed in SCI)

- XXV. **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 (Journal Indexed in SCI)
- XXVI. **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 (Journal Indexed in SCI)
- XXVII. **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., Caglılar 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 (Journal Indexed in SCI)
- XXVIII. **2-Hydroxyethyl-Substituted Pd-PEPSI 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 (Journal Indexed in SCI)
- XXIX. **Four 2-Hydroxyethyl substituted NHC iodide complexes: structural characterization and theoretical comparisons**
Celepci D. B. , AKTAŞ A., GÖK Y., Aygun M.
ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.74, 2018 (Journal Indexed in SCI)
- XXX. **Novel Benzylic Substituted Imidazolinium, Tetrahydropyrimidinium and Tetrahydrodiazepinium 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 (Journal Indexed in SCI)
- XXXI. **meta-Cyanobenzyl substituted benzimidazolium salts: Synthesis, characterization, crystal structure and carbonic anhydrase, -glycosidase, butyrylcholinesterase, and acetylcholinesterase inhibitory properties**
TÜRKER F., Celepci D. B. , AKTAŞ A., Taslimi P., GÖK Y., Aygun M., GÜLÇİN İ.
ARCHIV DER PHARMAZIE, vol.351, no.7, 2018 (Journal Indexed in SCI)
- XXXII. **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 (Journal Indexed in SCI)
- XXXIII. **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 (Journal Indexed in SCI)
- XXXIV. **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 (Journal Indexed in SCI)
- XXXV. **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 (Journal Indexed in SCI)
- XXXVI. **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., BALCIOĞLU S., ATEŞ B., Aygun M.
JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, vol.15, no.1, pp.131-139, 2018 (Journal Indexed in SCI)
- XXXVII. **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**
SARı Y., AKTAŞ A., Taslimi P., GÖK Y., GÜLÇİN İ.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.32, no.1, 2018 (Journal Indexed in SCI)
- XXXVIII. **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.
RESEARCH ON CHEMICAL INTERMEDIATES, vol.43, no.11, pp.6379-6393, 2017 (Journal Indexed in SCI)
- XXXIX. **Synthesis, Characterization and Crystal Structure of New 2-Morpholinoethyl-Substituted Bis-(NHC)Pd(II) Complexes and the Catalytic Activity in the Direct Arylation Reaction**
Sari Y., AKTAŞ A., CELEPCİ D. B. , GÖK Y., AYGÜN M.
CATALYSIS LETTERS, vol.147, no.9, pp.2340-2351, 2017 (Journal Indexed in SCI)
- XL. **Novel NHC Precursors: Synthesis, Characterization, and Carbonic Anhydrase and Acetylcholinesterase Inhibitory Properties**
AKTAŞ A., Taslimi P., GÜLÇİN İ., GÖK Y.
ARCHIV DER PHARMAZIE, vol.350, no.6, 2017 (Journal Indexed in SCI)
- XLI. **N-Propylphthalimide-Substituted Silver(I) N-Heterocyclic Carbene Complexes and Ruthenium(II) N-Heterocyclic Carbene Complexes: Synthesis and Transfer Hydrogenation of Ketones**
AKTAŞ A., GÖK Y.
CATALYSIS LETTERS, vol.145, no.2, pp.631-639, 2015 (Journal Indexed in SCI)
- XLII. **4-Vinylbenzyl-substituted silver(I) N-heterocyclic carbene complexes and ruthenium(II) N-heterocyclic carbene complexes: synthesis and transfer hydrogenation of ketones**
AKTAŞ A., GÖK Y.
TRANSITION METAL CHEMISTRY, vol.39, no.8, pp.925-931, 2014 (Journal Indexed in SCI)
- XLIII. **Palladium catalyzed Mizoroki-Heck and Suzuki-Miyaura reactions using naphthalenomethyl-substituted imidazolidin-2-ylidene ligands in aqueous media**
AKTAŞ A., Akkoc S., GÖK Y.
JOURNAL OF COORDINATION CHEMISTRY, vol.66, no.16, pp.2901-2909, 2013 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Benzimidazolium Salts Bearing 2-methyl-1,4-benzodioxane Group: Synthesis, Characterization, Computational Studies, In vitro Antioxidant and Antimicrobial Activity**
Albayrak S., Gök Y., Sarı Y., Taşkın Tok T., Aktaş A.
Biointerface Research in Applied Chemistry, vol.11, no.5, pp.13333-13346, 2021 (Journal Indexed in ESCI)
- II. **Yeni Morfolinoetil-Süstitüeyeli (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 (National Refreed University Journal)
- III. **Platin ve Bakır Temelli N-Heterosiklik Karben (NHC) Komplekslerinin Antikanser Özellikleri ve Etki Mekanizmaları**
AKTAŞ A.
Bitlis Eren University Journal of Science, vol.8, no.2, pp.713-724, 2019 (National Refreed University Journal)
- IV. **Anticancer effect of some Silver(I)-N-Heterocyclic carbene complexes on different cancer cell lines**
YILDIRIM I., AKTAŞ A., KUTLU T., GÖK Y.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.41, no.4, pp.148, 2017 (Refereed Journals)

of Other Institutions)

- V. **2-Methyl-1,4-Benzodioxan Substituted Ag(I)-N-Heterocyclic Carbene Complexes and Ru(II)-N-Heterocyclic Carbene Complexes: Synthesis, Crystal Structure and Transfer Hydrogenation of Aromatic Ketones**

AKTAŞ A., GÖK Y., AKKURT M., ÖZDEMİR N.

Organic Chemistry: Current Research., vol.4, pp.149-157, 2015 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **Synthesis, Characterization and its the Catalytic Activity in Direct Arylation Reaction of New 2-Morpholinoethyl-Substituted Bis-(NHC)Pd(II) Complexes**
Sarı Y., Aktaş A., Gök Y.
3st International Conference on Physical Chemistry & Functional Materials (PCFM20), Malatya, Turkey, 22 - 24 September 2020, pp.1
- II. **Novel Benzimidazolium Salts Bearing Phenylsulfonyl Group: Synthesis and Characterization**
Kazancı A., Aktaş A., Gök Y.
3st International Conference on Physical Chemistry & Functional Materials (PCFM20), Malatya, Turkey, 22 - 24 September 2020, pp.20
- III. **Synthesis and Characterization of N-Methylphthalimide Substituted Benzimidazolium Salts**
Kazancı A., Aktaş A., Gök Y.
3st International Conference on Physical Chemistry & Functional Materials (PCFM20), Malatya, Turkey, 22 - 24 September 2020, pp.10
- IV. **p-Fluorobenzyl-Substituted Pd-Peppi Complexes: Synthesis and Characterization**
Demirci Ö., Gök Y., Aktaş A.
3st International Conference on Physical Chemistry & Functional Materials (PCFM20), Malatya, Turkey, 22 - 24 September 2020, pp.3
- V. **Synthesis and Characterization of the Ag(I)NHC Complexes Bearing N-Methylphthalimide**
Kazancı A., Gök Y., Aktaş A.
3st International Conference on Physical Chemistry & Functional Materials (PCFM20), Malatya, Turkey, 22 - 24 September 2020, pp.9
- VI. **New 2-(benzyloxy)-3-methoxybenzyl Substituted NHC Salt and Their Bis-NHCPd(II) Complex: Synthesis, Characterization and it's Catalytic Activity in Direct Arylation Reaction**
Aktaş A.
3st International Conference on Physical Chemistry & Functional Materials (PCFM20), Malatya, Turkey, 22 - 24 September 2020, pp.19
- VII. **Synthesis and Characterization of Fluorinated Benzimidazolium Precursors**
Demirci Ö., Aktaş A., Gök Y.
3st International Conference on Physical Chemistry & Functional Materials (PCFM20), Malatya, Turkey, 22 - 24 September 2020, pp.5
- VIII. **Synthesis and Characterization of the p-Fluorobenzyl Substituted Ru(II)NHC Complexes**
Demirci Ö., Aktaş A., Gök Y.
3st International Conference on Physical Chemistry & Functional Materials (PCFM20), Malatya, Turkey, 22 - 24 September 2020, pp.4
- IX. **N-Propylphthalimide Substituted Bis-(NHC)PdX₂ Complexes: Synthesis, Characterization and its the Catalytic Activity in Direct Arylation Reactions**
Erdoğan H., Aktaş A., Gök Y., Sarı Y.
3st International Conference on Physical Chemistry & Functional Materials (PCFM20), Malatya, Turkey, 22 - 24 September 2020, pp.2
- X. **Synthesis and Characterization of 2-Chloro-4-Fluorobenzyl-Substituted Benzimidazolium Salts**
Bal S., Gök Y., Aktaş A.

3st International Conference on Physical Chemistry & Functional Materials (PCFM20), Malatya, Turkey, 22 - 24 September 2020, pp.22

- XI. **Synthesis and Characterization of 2-Chloro-4-Fluorobenzyl-Substituted Ag(I)NHC Complexes**
Bal S., Aktaş A., Gök Y.
3st International Conference on Physical Chemistry & Functional Materials (PCFM20), Malatya, Turkey, 22 - 24 September 2020, pp.77
- XII. **4-vinilbenzil Sübstitüentli bis-(NHC)Pd(II) Komplekslerinin Sentezi, Karakterizasyonu ve Doğrudan Arilasyon Tepkimelerindeki Katalitik Etkinlikleri**
Gök Y., Aktaş A., Erdoğan H., Sarı Y.
32. Ulusal Kimya Kongresi, Ankara, Turkey, 17 - 19 September 2020, pp.196
- XIII. **Naftil Sübstitüentli İmidazolinyum Tuzu ve bis-(NHC)Pd(II) Kompleksinin Sentezi, Karakterizasyonu Ve Suzuki-Miyaura Çapraz Bağlanma Tepkimesindeki Katalitik Aktiviteleri**
Aktaş A.
32. Ulusal Kimya Kongresi, Ankara, Turkey, 17 - 19 September 2020, pp.26
- XIV. **Morpholinoethyl-Substituted PEPSI Complexes: Synthesis, Characterization and the Catalytic Activity in the Suzuki-Miyaura Reaction in Aqueous Media**
AKTAŞ A.
7 th NATIONAL CATALYSIS CONGRESS (NCC7), Denizli, Turkey, 9 - 12 September 2018, pp.101
- XV. **Novel 4-Vinylbenzyl-substituted Benzimidazole Salts: Synthesis, Characterization, and Determination of Inhibition Profiles Against Acetylcholinesterase and Carbonic Anhydrase Enzymes**
SARI Y., AKTAŞ A., TASLIMI P., GÖK Y., GÜLÇİN İ.
1st International Conference on Physical Chemistry and Functional Materials (PCFM18), Elazığ, Turkey, 19 - 21 June 2018, pp.173
- XVI. **Meta-cyanobenzyl Substituted Benzimidazolium Salts: Synthesis, Characterization, Crystal structure and carbonic anhydrase, α -glycosidase, butyrylcholinesterase, Acetylcholinesterase Inhibitory Properties**
TÜRKER F., BARUT CELEPCİ D., AKTAŞ A., TASLIMI P., GÖK Y., GÜLÇİN İ., AYGÜN M.
1st International Conference on Physical Chemistry and Functional Materials (PCFM18), Elazığ, Turkey, 19 - 21 June 2018, pp.206
- XVII. **Synthesis Characterization And Crystal Structure of 2-(4-Hydroxyphenyl)Ethyl Substituted Benzimidazolium Bromide Salts: Their Inhibitory Properties Against Carbonic Anhydrase and Acetylcholinesterase**
BEHÇET A., BARUT CELEPCİ D., AKTAŞ A., TASLIMI P., GÖK Y., AYGÜN M., KAYA R., GÜLÇİN İ.
1st International Conference on Physical Chemistry and Functional Materials (PCFM18), Elazığ, Turkey, 19 - 21 June 2018, pp.314
- XVIII. **Novel N-propylphthalimide-substituted Benzimidazole Salts: Synthesis, Characterization, and Determination of Inhibition Profiles Against Acetylcholinesterase and Carbonic Anhydrase Enzymes**
SARI Y., AKTAŞ A., TASLIMI P., GÖK Y., GÜLÇİN İ.
1st International Conference on Physical Chemistry and Functional Materials (PCFM18), Elazığ, Turkey, 19 - 21 June 2018, pp.203
- XIX. **Synthesis, Crystal Structures, Spectral FT-IR, NMR and Uv-Vis Studies of N-Heterocyclic Carbene-PdBr₂(PPh₃) Complex**
AKTAŞ A.
1st International Conference on Physical Chemistry and Functional Materials (PCFM18), Elazığ, Turkey, 19 - 21 June 2018, pp.155
- XX. **Synthesis Characterization and Crystal Structure of 2-(4-Nitrophenyl)Ethyl Substituted Benzimidazolium Bromide Salts: Their Inhibitory Properties Against Carbonic Anhydrase and Acetylcholinesterase**
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Non Academic Experience

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