

## Assoc. Prof. Senem AKKOÇ

### Personal Information

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### Education Information

Doctorate, Erciyes University, Fen Fakültesi, Kimya Bölümü, Turkey 2012 - 2018

Postgraduate, Inonu University, Fen Fakültesi, Kimya Bölümü, Turkey 2011 - 2012

Undergraduate, Zonguldak Bülent Ecevit University, Fen Edebiyat Fakültesi, Kimya Bölümü, Turkey 2004 - 2009

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, In vitro Cytotoxic Activity Studies of Synthesized Benzimidazolium Salts, Erciyes University, Fen Fakültesi, Kimya Bölümü, 2018

Postgraduate, N-Heterosiklik Tuzların Sentezi ve Karakterizasyonu, Inonu University, Fen Fakültesi, Kimya Bölümü, 2012

### Research Areas

Health Sciences, Pharmacology and Therapeutics, Basic Pharmaceutics Sciences, Basic Sciences of Pharmacy, General Chemistry, Chemistry, Inorganic Chemistry, Catalysis, Metal Carbene Complexes, Organic Chemistry, Chemistry of Heterocyclic Compounds, Organic Spectroscopy, Organometallics, Natural Sciences

### Academic Titles / Tasks

Assistant Professor, Suleyman Demirel University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2019 - Continues

Research Assistant, Erciyes University, Fen Fakültesi, Kimya Bölümü, 2011 - 2018

Researcher, University of Sydney, Faculty of Pharmacy, 2015 - 2016

### Courses

Organik Kimya II, Undergraduate, 2020 - 2021

İlaç etken maddelerinde yapı aydınlatma, Undergraduate, 2020 - 2021

Genel Kimya II, Undergraduate, 2020 - 2021

İlaç etken madde sentez tasarımı, Undergraduate, 2020 - 2021

## Jury Memberships

Post Graduate, Nursel ESER, Zonguldak Bülent Ecevit Üniversitesi, May, 2019

Post Graduate, Burcu ATABEY ÖZDEMİR, Zonguldak Bülent Ecevit Üniversitesi, May, 2019

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Biochemical contents and antiquorum sensing, antiproliferative activities of *Opuntia ficus-indica* (L.) Mill. Peel extract**  
Önem E., Kendir G., Akkoç S., Erzurumlu Y., Muhammed M. T., Özeydin A. G.  
South African Journal of Botany, vol.150, pp.296-304, 2022 (Journal Indexed in SCI Expanded)
- II. **Ni(II) complexes with 1,3,2,4-dithiadiphosphetane 2,4-disulfide-based ligands: Structural insights, theoretical studies, and anticancer activities**  
Bulat E., Sağlam E. G., Zeyrek C. T., AKKOÇ S., ZORLU Y., DAL H.  
APPLIED ORGANOMETALLIC CHEMISTRY, 2022 (Journal Indexed in SCI)
- III. **Synthesis, Molecular Docking and Antiproliferative Activity Studies of a Thiazole-Based Compound Linked to Hydrazone Moiety**  
Kekecmuhammed H., Tapera M., TÜZÜN B., AKKOÇ S., ZORLU Y., SARIPINAR E.  
CHEMISTRYSELECT, vol.7, no.26, 2022 (Journal Indexed in SCI)
- IV. **Antiproliferative activity and molecular docking studies of new 4-oxothiazolidin-5-ylidene acetate derivatives containing guanylhydrazone moiety**  
Al-Janabi I. A. S., Yavuz S. Ç., Köprü S., Tapera M., Kekecmuhammed H., Akkoç S., Tüzün B., Patat Ş., Sarıpinar E.  
Journal of Molecular Structure, vol.1258, 2022 (Journal Indexed in SCI)
- V. **Combined experimental and theoretical analyses on design, synthesis, characterization, and in vitro cytotoxic activity evaluation of some novel imino derivatives containing pyrazolone ring**  
Başaran E., Çakmak R., Akkoç S., Kaya S.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1265, pp.133427, 2022 (Journal Indexed in SCI)
- VI. **Design, synthesis, in vitro antiproliferative activity properties, quantum chemical and molecular docking studies of novel Schiff bases incorporating pyrimidine nucleus**  
Devim M., Akkoç S., Zeyrek C. T., Aslan H. G., Kökbudak Z.  
Journal of Molecular Structure, vol.1254, 2022 (Journal Indexed in SCI)
- VII. **Platinum(II), palladium(II), and nickel(II) complexes of bithiourea ligands**  
Okpareke O. C., Henderson W., Akkoç S., Coban B.  
INORGANICA CHIMICA ACTA, vol.531, 2022 (Journal Indexed in SCI)
- VIII. **Synthesis, antiproliferative activity, molecular docking studies of hydrazone functionalised thioparabanic acid and rhodanine analogues**  
Kıbrız İ. E., Akkoç S., Sert Y., Cay U., Üngören Ş. H.  
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, 2022 (Journal Indexed in SCI)
- IX. **In Silico and In Vitro Antiproliferative Activity Assessment of New Schiff Bases**  
KÖKBUDAK Z., AKKOÇ S., Karata H., TÜZÜN B., Aslan G.  
CHEMISTRYSELECT, vol.7, no.3, 2022 (Journal Indexed in SCI)
- X. **Investigation of structural, electronical and in vitro cytotoxic activity properties of some heterocyclic compounds**  
AKKOÇ S., TÜZÜN B., Ozalp A., KÖKBUDAK Z.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1246, 2021 (Journal Indexed in SCI)
- XI. **New Heterobimetallic Ferrocenyl Dithiophosphonato Cd(II) and Hg(II) Complexes: DNA Interactions, Antimicrobial and Anticancer Activity Studies of the Cd(II) Complexes**  
Sağlam E. G., Akkoç S., Acar N., Dal H., Tutsak O., Açık L., Celik S. P.  
CHEMISTRYSELECT, vol.6, no.44, pp.12496-12505, 2021 (Journal Indexed in SCI)
- XII. **DNA Interactions and Antiproliferative Activity Studies of Octahedral Nickel Complexes of Two**

### **Extended Phenanthrolines**

Coban B., Saka E., Yildiz U., AKKOÇ S.

CHEMISTRYSELECT, vol.6, no.34, pp.9012-9023, 2021 (Journal Indexed in SCI)

- XIII. **Efficient synthesis and molecular docking studies of new pyrimidine-chromeno hybrid derivatives as potential antiproliferative agents**  
Yavuz S. C. , AKKOÇ S., TÜZÜN B., ŞAHİN O., SARIPINAR E.  
SYNTHETIC COMMUNICATIONS, 2021 (Journal Indexed in SCI)
- XIV. **New phenanthroline nickel(II) organodithio-phosphorus complexes: Syntheses, structural characterizations and in vitro cytotoxic activity studies**  
Saglam E. G. , AKKOÇ S., Zorlu Y., Bulat E., Akgun A.  
POLYHEDRON, vol.199, 2021 (Journal Indexed in SCI)
- XV. **Importance of some factors on the Suzuki-Miyaura cross-coupling reaction**  
AKKOÇ S.  
JOURNAL OF THE CHINESE CHEMICAL SOCIETY, 2021 (Journal Indexed in SCI)
- XVI. **Anti-quorum sensing activity in Pseudomonas aeruginosa PA01 of benzimidazolium salts: electronic, spectral and structural investigations as theoretical approach**  
ÖNEM E., TÜZÜN B., AKKOÇ S.  
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, 2021 (Journal Indexed in SCI)
- XVII. **Design, synthesis, characterization, and in vitro cytotoxic activity evaluation of 1,2-disubstituted benzimidazole compounds**  
AKKOÇ S.  
JOURNAL OF PHYSICAL ORGANIC CHEMISTRY, vol.34, no.1, 2021 (Journal Indexed in SCI)
- XVIII. **New heterobimetallic nickel(II) ferrocenyldithiophosphonato complexes: Syntheses, characterization, antiproliferative activity and X-ray, DFT, molecular docking studies on trans-bis-[O-3-methyl-1-butyl-(ferrocenyl) dithiophosphonato]nickel(II)**  
SAĞLAM E. G. , AKKOÇ S., Zeyrek C. T. , Dal H., Tutsak O.  
INORGANICA CHIMICA ACTA, vol.514, 2021 (Journal Indexed in SCI)
- XIX. **Single Crystal, DFT and Docking Studies of a Benzimidazolium Salt**  
Akkoc S., Yavuz S. C. , Turkmenoglu B., İlhan I. O. , AKKURT M.  
CRYSTALLOGRAPHY REPORTS, vol.65, no.7, pp.1173-1178, 2020 (Journal Indexed in SCI)
- XX. **Preparation and Properties of Some New Pyrazole Derivatives**  
Tinmaz F., İLHAN İ. Ö. , AKKOÇ S.  
ORGANIC PREPARATIONS AND PROCEDURES INTERNATIONAL, 2020 (Journal Indexed in SCI)
- XXI. **Substituent-Dependent Absorption Spectra, Electrochemical and Antiproliferative Activity Studies of Some 3-(4-(Benzyloxy)phenyl)-5-(4-methoxyphenyl)-1-(substitutedphenyl)formazans**  
Turkoglu G., AKKOÇ S.  
CHEMISTRYSELECT, vol.5, no.43, pp.13469-13476, 2020 (Journal Indexed in SCI)
- XXII. **Investigation of structural, spectral, electronic, and biological properties of 1,3-disubstituted benzimidazole derivatives**  
AKKOÇ S., TÜZÜN B., İLHAN İ. Ö. , AKKURT M.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1219, 2020 (Journal Indexed in SCI)
- XXIII. **Synthesis, optical, electrochemical and antiproliferative activity studies of novel formazan derivatives**  
Turkoglu G., AKKOÇ S.  
Journal of Molecular Structure, vol.1211, 2020 (Journal Indexed in SCI)
- XXIV. **Synthesis, Characterization, and Antiproliferative Activity Studies of Novel Benzimidazole-Imidazopyridine Hybrids as DNA Groove Binders**  
Caymaz B., Yildiz U., AKKOÇ S., Gercek Z., Sengul A., Coban B.  
CHEMISTRYSELECT, vol.5, no.28, pp.8465-8474, 2020 (Journal Indexed in SCI)
- XXV. **Synthesis of novel heterocyclic compounds containing pyrimidine nucleus using the Biginelli reaction: Antiproliferative activity and docking studies**

- Yavuz S. C. , Akkoç S., Türkmenoğlu B., Sarıpinar E.  
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.57, pp.2615-2627, 2020 (Journal Indexed in SCI)
- XXVI. **Synthesis, characterization, duplex-DNA interactions, and anticancer activities of novel octahedral [Ni(phen)(2)(dppz-idzo)](2+) and [Co(phen)(2)(dppz-idzo)](3+) complexes**  
Abulhasanov B., Yildiz U., AKKOÇ S., Coban B.  
APPLIED ORGANOMETALLIC CHEMISTRY, 2020 (Journal Indexed in SCI)
- XXVII. **Synthesis of naphthalimide derivatives with potential anticancer activity, their comparative ds- and G-quadruplex-DNA binding studies and related biological activities**  
Yildiz U., Kandemir I., Comert F., Akkoc S., Coban B.  
MOLECULAR BIOLOGY REPORTS, 2020 (Journal Indexed in SCI)
- XXVIII. **Synthesis, cytotoxic activity and quantum chemical calculations of new 7-thioxopyrazolo[1,5-f]pyrimidin-2-one derivatives**  
KÖKBUDAK Z., SARAÇOĞLU M., AKKOÇ S., Cimen Z., YILMAZER M. İ. , Kandemirli F.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1202, 2020 (Journal Indexed in SCI)
- XXIX. **New Schiff Bases Based on 1-Aminopyrimidine-2-(1H)-one: Design, Synthesis, Characterization and Theoretical Calculations**  
KÖKBUDAK Z., ASLAN H. G. , AKKOÇ S.  
Heterocycles, vol.100, no.3, 2020 (Journal Indexed in SCI)
- XXX. **Anticancer activities of various new metal complexes prepared from a Schiff base on A549 cell line**  
ASLAN H. G. , AKKOÇ S., KÖKBUDAK Z.  
INORGANIC CHEMISTRY COMMUNICATIONS, vol.111, 2020 (Journal Indexed in SCI)
- XXXI. **In vitro antimicrobial studies of naphthalen-1-ylmethyl substituted silver N-heterocyclic carbene complexes**  
GÖK Y., Akkoc S., Celikal O. O. , ÖZDEMİR İ., GÜNAL S.  
ARABIAN JOURNAL OF CHEMISTRY, vol.12, no.8, pp.2513-2518, 2019 (Journal Indexed in SCI)
- XXXII. **Synthesis and In Vitro Anticancer Evaluation of Some Benzimidazolium Salts**  
Akkoc S., Kayser V., İLHAN İ. Ö.  
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.56, no.10, pp.2934-2944, 2019 (Journal Indexed in SCI)
- XXXIII. **The cytotoxic activities of imidazole derivatives prepared from various guanylhydrazone and phenylglyoxal monohydrate**  
Yavuz S. C. , AKKOÇ S., SARIPINAR E.  
SYNTHETIC COMMUNICATIONS, vol.49, no.22, pp.3198-3209, 2019 (Journal Indexed in SCI)
- XXXIV. **Antiproliferative activities of 2-hydroxyethyl substituted benzimidazolium salts and their palladium complexes against human cancerous cell lines**  
AKKOÇ S.  
SYNTHETIC COMMUNICATIONS, vol.49, no.21, pp.2903-2914, 2019 (Journal Indexed in SCI)
- XXXV. **Synthesis and characterization of new 4,5-dihydropyrazol-1-yl derivatives**  
Guney F. O. , İLHAN İ. Ö. , AKKOÇ S.  
SYNTHETIC COMMUNICATIONS, vol.49, no.18, pp.2417-2424, 2019 (Journal Indexed in SCI)
- XXXVI. **The comparative study of the DNA binding and biological activities of the quaternized dcnq as a dicationic form and its platinum(II) heteroleptic cationic complex**  
Yildiz U., Sengul A., Kandemir I., Comert F., AKKOÇ S., Coban B.  
BIOORGANIC CHEMISTRY, vol.87, pp.70-77, 2019 (Journal Indexed in SCI)
- XXXVII. **Derivatives of 1-(2-(Piperidin-1-yl)ethyl)-1H-benzo[d]imidazole: Synthesis, Characterization, Determining of Electronic Properties and Cytotoxicity Studies**  
AKKOÇ S.  
CHEMISTRYSELECT, vol.4, no.17, pp.4938-4943, 2019 (Journal Indexed in SCI)
- XXXVIII. **Reactions of aminopyrimidine derivatives with chloroacetyl and isophthaloyl chlorides**  
Cimen Z., Akkoc S., KÖKBUDAK Z.  
HETEROATOM CHEMISTRY, vol.29, no.4, 2018 (Journal Indexed in SCI)
- XXXIX. **Synthesis, characterization, and antimicrobial and catalytic activity of a new Schiff base and its**

## metal(II) complexes

ASLAN H. G. , Akkoc S., KÖKBUDAK Z., Aydin L.

JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, vol.14, no.11, pp.2263-2273, 2017 (Journal Indexed in SCI)

- XL. **New compounds based on a benzimidazole nucleus: synthesis, characterization and cytotoxic activity against breast and colon cancer cell lines**  
Akkoc S., Kayser V., İLHAN İ. Ö. , Hibbs D. E. , GÖK Y., Williams P. A. , Hawkins B., Lai F.  
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.839, pp.98-107, 2017 (Journal Indexed in SCI)
- XLII. **Nile Red fluorescence spectrum decomposition enables rapid screening of large protein aggregates in complex biopharmaceutical formulations like influenza vaccines**  
Sahin Z., Akkoc S., Neeleman R., Haines J., Kayser V.  
VACCINE, vol.35, no.23, pp.3026-3032, 2017 (Journal Indexed in SCI)
- XLIII. **Carbon-carbon bond formation catalyzed by PEPPSI Pd-NHC**  
Akkoc S., İLHAN İ. Ö. , GÖK Y., Kayser V.  
INORGANICA CHIMICA ACTA, vol.461, pp.52-56, 2017 (Journal Indexed in SCI)
- XLIV. **Palladium N-Heterocyclic Carbene Complexes: Synthesis from Benzimidazolium Salts and Catalytic Activity in Carbon-Carbon Bond-Forming Reactions**  
SAHİN Z., AKKOÇ S., İLHAN İ. Ö. , KAYSER V.  
JOVE-JOURNAL OF VISUALIZED EXPERIMENTS, 2017 (Journal Indexed in SCI)
- XLV. **In vitro cytotoxic activities of new silver and PEPPSI palladium N-heterocyclic carbene complexes derived from benzimidazolium salts**  
Akkoc S., İLHAN İ. Ö. , GÖK Y., Upadhyay P. J. , Kayser V.  
INORGANICA CHIMICA ACTA, vol.449, pp.75-81, 2016 (Journal Indexed in SCI)
- XLVI. **N-Methylphthalimide-substituted benzimidazolium salts and PEPPSI Pd-NHC complexes: synthesis, characterization and catalytic activity in carbon-carbon bond-forming reactions**  
Akkoc S., GÖK Y., İLHAN İ. Ö. , Kayser V.  
BEILSTEIN JOURNAL OF ORGANIC CHEMISTRY, vol.12, pp.81-88, 2016 (Journal Indexed in SCI)
- XLVII. **Benzimidazolium-based novel silver N-heterocyclic carbene complexes: synthesis, characterisation and in vitro antimicrobial activity**  
Sari Y., Akkoc S., GÖK Y., Sifniotis V., ÖZDEMİR İ., GÜNAL S., Kayser V.  
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.31, no.6, pp.1527-1530, 2016 (Journal Indexed in SCI)
- XLVIII. **In situ Generation of Efficient Palladium N-heterocyclic Carbene Catalysts Using Benzimidazolium Salts for the Suzuki-Miyaura Cross-coupling Reaction**  
Akkoc S., GÖK Y., İLHAN İ. Ö. , Kayser V.  
CURRENT ORGANIC SYNTHESIS, vol.13, no.5, pp.761-766, 2016 (Journal Indexed in SCI)
- XLIX. **In vitro antimicrobial studies of new benzimidazolium salts and silver N-heterocyclic carbene complexes**  
GÖK Y., Akkoc S., Erdogan H., ALBAYRAK S.  
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.31, no.6, pp.1322-1327, 2016 (Journal Indexed in SCI)
- L. **Dichlorido(3-chloropyridine-N)[1,3-dialkylbenzimidazol-2-ylidene] palladium(II) complexes: Synthesis, characterization and catalytic activity in the arylation reaction**  
Akkoc S., GÖK Y.  
INORGANICA CHIMICA ACTA, vol.429, pp.34-38, 2015 (Journal Indexed in SCI)
- L. **Imidazole, pyrimidine and diazepine containing heteroaryl-substituted heterocyclic salts as efficient ligand precursors for Mizoroki-Heck coupling reaction: synthesis, structural characterization and catalytic activities**  
Gok Y., Akkoc S., AKKURT M., Tahir M. N.  
JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, vol.11, no.6, pp.1767-1774, 2014 (Journal Indexed in SCI)
- LI. **Catalytic activities in direct arylation of novel palladium N-heterocyclic carbene complexes**  
Akkoc S., GÖK Y.

- APPLIED ORGANOMETALLIC CHEMISTRY, vol.28, no.12, pp.854-860, 2014 (Journal Indexed in SCI)
- LII. **N- Phenyl- substituted carbene precursors and their silver complexes: synthesis, characterization and antimicrobial activities**  
Goek Y., Akkoc S., ALBAYRAK S., AKKURT M., Tahir M. N.  
APPLIED ORGANOMETALLIC CHEMISTRY, vol.28, no.4, pp.244-251, 2014 (Journal Indexed in SCI)
- LIII. **Functionalization Reactions of Various Pyrazole 3 carboxylic Acid Chlorides with Some Ureas**  
İLHAN İ. Ö., DEMİRKOL K., KÖKBUDAK Z., AKKOÇ S., ÇADIR M.  
Asian Journal Of Chemistry, vol.26, no.8, pp.2365-2368, 2014 (Journal Indexed in SCI)
- LIV. **Catalytic activities in the direct C5 arylation of novel palladium N-heterocyclic carbene complexes containing benzimidazol-2-ylidene nucleus**  
Akkoc S., GÖK Y., AKKURT M., Tahir M. N.  
INORGANICA CHIMICA ACTA, vol.413, pp.221-230, 2014 (Journal Indexed in SCI)
- LV. **Reactions of Some Pyrazole-3-Carboxylic Acids and Carboxylic Acid Chlorides with Various O- and N-Nucleophiles**  
İLHAN İ. Ö., Caglayan A., Onal Z., Akkoc S., ÇADIR M.  
LETTERS IN ORGANIC CHEMISTRY, vol.10, no.8, pp.602-610, 2013 (Journal Indexed in SCI)
- LVI. **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)
- LVII. **Synthesis and characterization of 1-phenyl-3-alkylbenzimidazol-2-ylidene salts and their catalytic activities in the Heck and Suzuki cross-coupling reactions**  
Akkoc S., GÖK Y.  
JOURNAL OF COORDINATION CHEMISTRY, vol.66, no.8, pp.1396-1404, 2013 (Journal Indexed in SCI)
- LVIII. **N-functionalized benzimidazol-2-ylidene silver complexes: synthesis, characterization, and antimicrobial studies**  
GÖK Y., Akkoc S., Ozeroglu Celikal O., ÖZDEMİR İ., GÜNAL S., Sayin E.  
TURKISH JOURNAL OF CHEMISTRY, vol.37, no.6, pp.1007-1013, 2013 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **A New Schiff Base Molecule Prepared from Pyrimidine-2-thione: Synthesis, Spectral Characterization, Cytotoxic Activity, DFT, and Molecular Docking Studies**  
Akkoç S., Kökbudak Z., Türkmenoğlu B.  
Adıyaman University Journal of Science, vol.1, no.1, pp.1-17, 2022 (National Refreed University Journal)
- II. **Cytotoxic Activity Studies of p-Chloro and Fluoro Substituted Formazan Derivatives on Lung and Prostate Cancer Cell Lines**  
Akkoç S., Türkoğlu G.  
Hacettepe Journal of Biology and Chemistry, vol.50, no.2, pp.151-156, 2022 (National Refreed University Journal)
- III. **Liquid Chromatographic Determination of pKa Value of 1-(2-methylbenzimidazolium bromide) as a Drug Candidate in Acetonitrile-Water Binary Mixtures**  
Konçe İ., Akkoç S., Üstün Z., Çubuk Demiralay E.  
Journal of Research in Pharmacy, vol.26, no.3, pp.655-662, 2022 (Journal Indexed in ESCI)
- IV. **Synthesis and Cytotoxic Activity Evaluation of New Metal Complexes**  
Akkoç S., Aslan H. G., Kökbudak Z.  
Erzincan University Journal of Science and Technology, vol.14, no.1, pp.306-313, 2021 (National Refreed University Journal)
- V. **Synthesis, DNA Interaction and Cytotoxic Activity Studies of a Novel 2,1,3-Benzothiadiazole-Benzimidazole Derivative**  
Saka E., AKKOÇ S., ÇOBAN B.

- The Pharmaceutical and Chemical Journal, vol.7, no.3, pp.82-89, 2020 (Refereed Journals of Other Institutions)
- VI. **In Vitro Cytotoxic Activity Studies of Benzimidazolium Salts against HeLa and Beas-2B Cell Lines**  
Akkoç S.  
Gümüşhane Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.10, no.2, pp.505-513, 2020 (Refereed Journals of Other Institutions)
- VII. **Application of Heterocyclic Compounds as Catalysts in Suzuki-Miyaura Cross-Coupling Reaction**  
AKKOÇ S.  
Cumhuriyet Science Journal, vol.40, no.4, pp.854-859, 2019 (Other Refereed National Journals)
- VIII. **Density functional theory study of a silver N-heterocyclic carbene complex**  
AKKOÇ S., ÇAĞLAR YAVUZ S., AKKURT M., ERSANLI C. C.  
Journal of the Chinese Advanced Materials Society, vol.6, no.2, pp.112-122, 2018 (Refereed Journals of Other Institutions)
- IX. **Synthesis, spectroscopic characterization and catalytic activity of 1-(2-hydroxybenzylideneamino)-5-(4-methylbenzoyl)-4-(4-methylphenylpyrimidin)-2(1H)-one**  
ASLAN H. G. , AKKOÇ S., AKKURT M., ÖZDEMİR N., KÖKBUDAK Z.  
Journal of the Chinese Advanced Materials Society, vol.6, no.2, pp.145-155, 2018 (Refereed Journals of Other Institutions)
- X. **BIOLOGICAL ACTIVITY EVALUATION OF NOVEL N-HETEROCYCLIC CARBENE PRECURSORS**  
Akkoc S, GÖK Y., Erdogan H., ALBAYRAK S.  
INTERNATIONAL JOURNAL OF PHARMACEUTICAL SCIENCES AND RESEARCH, vol.8, no.1, pp.262-267, 2017 (Journal Indexed in ESCI)
- XI. **DFT studies and crystal structure of synthesized 1,3-bis(2-thiophenylmethyl)-4,5-dihydroimidazolidinium hexafluorophosphate salt**  
AKKOÇ S., TÜRKTEKİN ÇELİKESİR S., GÖK Y., ÇAĞLAR S., AKKURT M., ÖZDEMİR N.  
Journal of the Turkish Chemical Society, Section A: Chemistry, vol.4, no.1, pp.45-58, 2017 (Refereed Journals of Other Institutions)
- XII. **The Reactions and Quantum Chemical Calculations of Some Pyrazole-3-Carboxylic Acid Chlorides with Various Hydrazides**  
İLHAN İ. Ö. , MEHMET C., SARACOĞLU M., KANDEMİRLİ F., KÖKBUDAK Z., AKKOÇ S.  
Chemical Science, vol.4, no.15, pp.838-850, 2015 (Refereed Journals of Other Institutions)
- XIII. **Crystal structure of 1,3-bis(4-methylbenzyl)-1H-1,3-benzimidazol-3-ium bromide monohydrate**  
Celikesir S. T. , Celik O., Akkoc S., Ilhan I. O. , GÖK Y., AKKURT M.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.71, 2015 (Journal Indexed in ESCI)
- XIV. **Antimicrobial studies of N-heterocyclic carbene silver complexes containing benzimidazol-2-ylidene ligand**  
GÖK Y., SARI Y., AKKOÇ S., Özdemir İ., GÜNAL S.  
International Journal of Inorganic Chemistry, pp.1-6, 2014 (Refereed Journals of Other Institutions)
- XV. **N Heterocyclic Carbene Silver Complexes Synthesis Characterization and in Vitro Antimicrobial Studies**  
AKKOÇ S., GÖK Y., ÖZDEMİR İ., GÜNAL S.  
Journal of the Chinese Advanced Materials Society, vol.2, no.1, pp.20-30, 2014 (Refereed Journals of Other Institutions)
- XVI. **1,3-Bis(5-Aminofuran-2-ylmethyl)-3,4,5,6-Tetrahydropyrimidin-1-ium Hexafluorophosphate**  
AKKURT M., AKKOÇ S., GÖK Y., TAHİR M. N.  
Acta Crystallographica Section F-Structural Biology And Crystallization Communications, vol.69, pp.1325, 2013 (Refereed Journals of Other Institutions)
- XVII. **Chlorido[1-phenyl-3-(2,3,5,6-tetramethylbenzyl)benzimidazol-2-ylidene]silver(I)**  
AKKURT M., AKKOÇ S., GÖK Y., DAĞDEMİR Y., Tahir M. N.  
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- LXXV. N-Heterosiklik Karben Kompleksleri ve Uygulamaları**  
CANSU F., AKKOÇ S., İLHAN İ. Ö. , GÖK Y.  
Kimyevi Maddeler ve Mamülleri Sektöründe 4. Ar-Ge Proje Pazarı, İstanbul, Turkey, 01 November 2014

- LXXXVI. **Kanser Hücre Hatlarında Etkili Olan Yeni PEPPSI-Palladyum N-Heterosiklik Karben Komplekslerinin Sentezi ve Karakterizasyonu**  
AKKOÇ S., İLHAN İ. Ö. , Şakalar Ç.  
Kimyevi Maddeler ve Mamulleri Sektöründe 4. Ar-Ge Proje Pazarı, İstanbul, Turkey, 01 November 2014
- LXXXVII. **Sentezlenen Yeni Benzimidazolyum Tuzlarının Mizoroki-Heck Çapraz Eşleşme Tepkimesindeki Katalitik Aktiviteleri**  
AKKOÇ S., Mohammed İ., İLHAN İ. Ö.  
Kimyevi Maddeler ve Mamulleri Sektöründe 4. Ar-Ge Proje Pazarı, İstanbul, Turkey, 01 November 2014
- LXXXVIII. **Sentezlenen Yeni Çevreci Katalizörlerin Suzuki-Miyaura Çapraz Eşleşme Tepkimelerindeki Katalitik Uygulamaları**  
Torayew A., AKKOÇ S., İLHAN İ. Ö. , GÖK Y.  
Kimyevi Maddeler ve Mamulleri Sektöründe 4. Ar-Ge Proje Pazarı, İstanbul, Turkey, 01 November 2014
- LXXXIX. **Yeni PEPPSI Palladyum N-Heterosiklik Karben Komplekslerinin Sentezi, Karakterizasyonu ve Suzuki-Miyaura Çapraz Eşleşme Tepkimesinde Katalitik Uygulamaları**  
AKKOÇ S., CANAKDAG M., İLHAN İ. Ö. , GÖK Y.  
2. Ulusal Organik Kimya Kongresi, Ankara, Turkey, 24 - 26 September 2014
- LXXX. **Benzimidazol Çekirdeği İçeren Farklı N-Heterosiklik Karben Öncüllerinin Sentezi ve Karakterizasyonu**  
AKKOÇ S., CANAKDAG M., İLHAN İ. Ö. , GÖK Y.  
2. Ulusal Organik Kimya Kongresi, Ankara, Turkey, 24 - 26 September 2014
- LXXXI. **Morfolinoetil Sübstitüentli N-Heterosiklik Karben Öncüllerinin Sentezi, Karakterizasyonu ve Suzuki-Miyaura Çapraz Eşleşme Tepkimelerindeki Katalitik Aktiviteleri**  
AKKOÇ S., İLHAN İ. Ö. , GÖK Y.  
IV. Fiziksel Kimya Kongresi, Denizli, Turkey, 5 - 08 June 2014
- LXXXII. **Schiff Bazları: Sentezleri, Karakterizasyonu ve Suzuki-Miyaura Eşleşme Tepkimelerinde Katalitik Aktivite Çalışmaları**  
ASLAN H. G. , AKKOÇ S., Kökbudak Z., GÖK Y.  
IV. Fiziksel Kimya Kongresi, Denizli, Turkey, 5 - 08 June 2014
- LXXXIII. **Metal PEPPSI N-Heterosiklik Karben Komplekslerinin: Sentezi ve Karakterizasyonu**  
AKKOÇ S., CANAKDAG M., İLHAN İ. Ö. , GÖK Y.  
IV. Fiziksel Kimya Kongresi, Denizli, Turkey, 5 - 08 June 2014
- LXXXIV. **Yeni, Kullanışlı ve Yeşil Katalizör Öncülleri Olarak Benzimidazolyum Tuzlarının Sentezi, Karakterizasyonu ve Mizoroki-Heck Eşleşme Tepkimelerindeki Katalitik Aktiviteleri**  
AKKOÇ S., Torayew A., Cansu F., Canakdag M., Mohammed İ., İLHAN İ. Ö. , GÖK Y.  
5. National Catalysis Conference, Adana, Turkey, 23 - 26 April 2014
- LXXXV. **Synthesis, Caharacterization and Their Catalytic Activities in Mizoroki-Heck Coupling Reaction of Benzimidazolium Salts as Novel, Convenient and Green Catalyst Precursors**  
AKKOÇ S., Torayew A., CANSU F., CANAKDAG M., Mohammed İ., İLHAN İ. Ö. , GÖK Y.  
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- LXXXVI. **Çeşitli Schiff Bazlarının Sentezleri ve Katalitik Aktivite Çalışmaları**  
ASLAN H. G. , AKKOÇ S., Kökbudak Z., GÖK Y.  
5. National Catalysis Conference, Adana, Turkey, 23 - 26 April 2014
- LXXXVII. **PEPPSI Complexes: Synthesis, Characterization and Use as Catalysts in the Mizoroki-Heck Reaction**  
AKKOÇ S., Kocabay H., ÖZDEMİR F., Ertop E., GÖK Y., İLHAN İ. Ö.  
5. National Catalysis Conference, Adana, Turkey, 23 - 26 April 2014
- LXXXVIII. **Synthesis, Characterization of Various 1,2-Dialkylbenzimidazolium Salts and Their Application to Suzuki-Miyaura Reaction**  
AKKOÇ S., Ertop E., ÖZDEMİR F., Kocabay H., GÖK Y., İLHAN İ. Ö.  
5. National Catalysis Conference, Adana, Turkey, 23 - 26 April 2014
- LXXXIX. **N-Heterosiklik Karben Öncülleri ile Gümüş Komplekslerinin Sentezi Karakterizasyonu ve Antibakteriyel Özellikleri**

AKKOÇ S., ÖZDEMİR F., Ertop E., Kocabay H., GÖK Y., İLHAN İ. Ö. , ALBAYRAK S.

2. İlaç Kimyası, Üretimi, Teknolojisi ve Standardizasyonu Kongresi, Antalya, Turkey, 21 - 23 March 2014

- XC. **Çeşitli Aril Bromürler ile Heteroaromatiklerin Palladyum Katalizli Doğrudan C5 Arilasyonu için Yeni Pd-N-Heterosiklik Karben Komplekslerinin Sentezi ve Karakterizasyonu**  
AKKOÇ S., GÖK Y.  
1. Ulusal Kataliz Yaz Okulu, Malatya, Turkey, 24 - 28 August 2013
- XCII. **Fenil Sübstitüentli Gümüş N-Heterosiklik Karben Komplekslerinin Sentezi ve Karakterizasyonu**  
AKKOÇ S., GÖK Y.  
1. Ulusal Kataliz Yaz Okulu, Malatya, Turkey, 24 - 28 August 2013
- XCIII. **N-Pyridine-[1,3-Dialkylbenzimidazol-2-ylidene]Palladium(II) Complexes: Synthesis, Characterization and Catalytic Activities in the Arylation Reaction**  
AKKOÇ S., GÖK Y., İLHAN İ. Ö.  
44 th World Chemistry Congress, İstanbul, Turkey, 11 - 16 August 2013, pp.1108
- XCIV. **Rutenyum-N-Heterosiklik Karben Komplekslerinin Sentezi, Karakterizasyonu ve Hidrojen Transferi Reaksiyonlarındaki Katalitik Uygulamaları**  
AKTAŞ A., AKKOÇ S., GÖK Y.  
IV. Ulusal Anorganik Kimya Kongresi, Tokat, Turkey, 30 May - 02 June 2013
- XCV. **Gümüş N-Heterosiklik Karben Komplekslerinin Sentezi ve Karakterizasyonu**  
AKKOÇ S., SARI Y., GÖK Y.  
IV. Ulusal Anorganik Kimya Kongresi, Tokat, Turkey, 30 May - 02 June 2013
- XCVI. **Piridin-Pd-N-Heterosiklik Karbenlerin Sentezi ve Karakterizasyonu**  
AKKOÇ S., GÖK Y., İLHAN İ. Ö.  
IV. Ulusal Anorganik Kimya Kongresi, Tokat, Turkey, 30 May - 02 June 2013
- XCVII. **1,2-Dialkil Sübstitüentli Palladyum N-Heterosiklik Karben Komplekslerinin Sentezi, Karakterizasyonu ve Katalizör Olarak Arilasyon Tepkimelerindeki Aktiviteleri**  
AKKOÇ S., ERDOĞAN H., GÖK Y.  
IV. Ulusal Anorganik Kimya Kongresi, Tokat, Turkey, 30 May - 02 June 2013
- XCVIII. **Fenil Sübstitüentli NHC-Pd Komplekslerinin Sentezi ve Katalitik Aktiviteleri**  
AKKOÇ S., GÖK Y.  
26. Ulusal Kimya Kongresi, Mersin, Turkey, 1 - 06 October 2012
- XCVIII. **Gümüş-NHC Komplekslerinin Sentezi ve Antimikrobiyal Özellikleri**  
AKKOÇ S., GÖK Y.  
26. Ulusal Kimya Kongresi, Muğla, Turkey, 1 - 06 October 2012
- XCIX. **Synthesis and Catalytic Activity of NHC-Ru Complexes**  
Aktaş A., GÖK Y., AKKOÇ S.  
7th Eurasian Meeting on Heterocyclic Chemistry, 17 - 21 June 2012
- C. **Synthesis and Characterization of Silver N-Heterocyclic Carbene Complexes**  
AKKOÇ S., GÖK Y.  
Eurasian Meeting on Heterocyclic, İstanbul, Turkey, 17 - 21 June 2012, pp.11
- CI. **Synthesis and Catalytic Activity of Diazepinium Salts Containing Furan, Thiophene and Pyrrole Ring**  
AKKOÇ S., GÖK Y.  
Eurasian Meeting on Heterocyclic, İstanbul, Turkey, 17 - 21 June 2012, pp.9
- CII. **Synthesis and Catalytic Activity of Dichlorido(3-Chloropyridine-N)[1,3-diarylbenzimidazolium-2-ylidene]palladium (II) Complexes**  
AKKOÇ S., GÖK Y.  
Eurasian Meeting on Heterocyclic, İstanbul, Turkey, 17 - 21 June 2012, pp.12
- CIII. **Synthesis and Catalytic Activity of Phenyl-Substituted Benzimidazolium Salts in Aqueous Media**  
AKKOÇ S., GÖK Y.  
Eurasian Meeting on Heterocyclic, İstanbul, Turkey, 17 - 21 June 2012, pp.10
- CIV. **Synthesis and Catalytic Activity of NHC-Pd Complexes**  
SARI Y., GÖK Y., AKKOÇ S.

Eurasian Meeting on Heterocyclic, İstanbul, Turkey, 17 - 21 June 2012

**CV. Furan, Tiyofen ve Pirool Halkası İçeren Tuzların Sentezi ve Özellikleri**

AKKOÇ S., GÖK Y., Çetinkaya E.

Organometalik Kimya ve Kataliz Çalıştayı, Malatya, Turkey, 16 - 17 May 2010

## Supported Projects

AKKOÇ S., Project Supported by Higher Education Institutions, Bazı Organik ve İnorganik Bileşiklerin Sentezi Karakterizasyonu Antikanser Antibakteriyel Antifungal Antioksidan Apoptoz Hücre Siklusu ve Yara İyileşme Deneylerinin Yürütülmesi, 2021 - Continues

AKKOÇ S., Project Supported by Higher Education Institutions, SDÜ Bilim İnsanı Yetiştirme ve Ulusal/Uluslararası Göstergelerde İyileştirme Projesi(BİY), 2020 - Continues

Akkoç S., Çakır M., Bitgen N., Altuntaş H., Project Supported by Higher Education Institutions, Yeni sentezlenmiş bir benzimidazolium tuzunun, 1-(2-siyanobenzil)-3-(4-vinilbenzil)-1H-benzo[d]imidazol-3-ium klorür, kolon kanseri hücreleri üzerine etkilerinin araştırılması, 2021 - 2023

Akkoç S., Kundu S., TÜBİTAK Project, 3-Metilbenzil sübtitüentli yeni heterohalkalı bileşiklerin sentezi, karakterizasyonu ve antimikrobiyal aktivite özelliklerinin araştırılması', 2021 - 2022

Akkoç S., Yamak B., TÜBİTAK Project, 1-(Antrasen-10-ilmetil)-1H-benzo[d]imidazol çekirdeği içeren farklı heterosiklik bileşiklerin tasarlanması, sentezi, yapılarının spektral yöntemler ile aydınlatılması ve kanser hücre hatlarında antiproliferatif aktivite çalışmalarının yürütülmesi', 2021 - 2022

AKKOÇ S., Project Supported by Higher Education Institutions, Antikanser İlaç Adayı Olabilecek Bazı Organik Bileşiklerin Sentezi Karakterizasyonu ve Farklı İnsan Hücre Hatlarına Karşı İn Vitro Sitotoksik Aktivite Çalışmaları, 2021 - 2022

Akkoç S., İlhan İ. Ö., Project Supported by Higher Education Institutions, İmidazol, Pirimidin ve Diazepin Çekirdeği İçeren Organik Bileşiklerin İnsan Hücre Hatlarındaki Antiproliferatif Aktivite Çalışmaları, 2020 - 2022

Akkoç S., Bahar D., Banu Özkan B., Project Supported by Higher Education Institutions, Organik Tuz ve Metal Komplekslerinin Biyolojik Aktivite Uygulamaları, 2020 - 2022

Akkoç S., Ünlü B., Erol M., Alakisa E., Project Supported by Higher Education Institutions, Potansiyel antikanser ajan olarak yeni bir benzimidazolium tuzunun tasarlanması, sentezi, yapısının spektral yöntemler ile aydınlatılması ve iki farklı hücre hattında sitotoksik aktivite çalışmalarının yürütülmesi, 2021 - 2021

Akkoç S., Kökbudak Z., Aslan H. G., Project Supported by Higher Education Institutions, Pirimidin Halkası İçeren Schiff Bazlarının ve Bunların Nikel Komplekslerinin Sentezi, Karakterizasyonu ve In vitro Antikanser Çalışmaları, 2019 - 2021

Akkoç S., İlhan İ. Ö., Yıldız M., Project Supported by Higher Education Institutions, Yeni Heterosiklik Bileşiklerin Sentezi, Karakterizasyonu, Farklı Kanser Hücre Hatlarındaki Sitotoksik Etkileri, Apoptoz ve Hücre Siklusu Çalışmaları, 2019 - 2021

Akkoç S., Aslan H. G., Kökbudak Z., Project Supported by Higher Education Institutions, Pirimidin Halkası İçeren Schiff Bazı ve Komplekslerinin Sentezi, Karakterizasyonu ve Antikanser Özellikleri, 2018 - 2020

Akkoç S., Kökbudak Z., Doğan Ş. D., Project Supported by Higher Education Institutions, Tiyazolimin Türevi Bileşiklerin Sentezi, Karakterizasyonu ve Sitotoksik Aktivite Çalışmaları, 2017 - 2020

Akkoç S., İlhan İ. Ö., Canakdag M., Project Supported by Higher Education Institutions, Antibakteriyel Aktivite Gösteren Yeni Bileşiklerin Sentezlenmesi, 2017 - 2018

Akkoç S., İlhan İ. Ö., Dirlik İ., Project Supported by Higher Education Institutions, Suzuki-Miyaura Çapraz Eşleşme Tepkimesinde Katalizör Etkisi Araştırılacak Yeni Organik Bileşiklerin Sentezi ve Karakterizasyonu, 2016 - 2018

Akkoç S., İlhan İ. Ö., Özdemir F., Project Supported by Higher Education Institutions, Yeni Kalkon Bileşiklerinin Sentezi ve Açıl Hidrazin Türevleriyle Reaksiyonları, 2016 - 2018

Akkoç S., İlhan İ. Ö., Gök Y., Project Supported by Higher Education Institutions, In Vitro cytotoxic activity studies of synthesized benzimidazolium salts, 2014 - 2018

Akkoç S., Aslan H. G., Kökbudak Z., Project Supported by Higher Education Institutions, Bazı Schiff Bazı Türevi Bileşiklerin Çeşitli Reaktiflerle Kompleksleştirme Reaksiyonları ve Katalitik Uygulamaları, 2013 - 2017

AKKOÇ S., TÜBİTAK Project, Temiz Teknoloji için Yeni Katalizörlerin Sentezi, 2014 - 2015

Akkoç S., İlhan İ. Ö., Gök Y., Project Supported by Higher Education Institutions, Dikloro(3-kloropiridin-N)[1,3-



dialkilbenzimidazolyum-2-iliden] palladyum(II) (PEPPSI) Komplekslerinin Sentezi ve Katalitik Aktiviteleri, 2013 - 2015  
Akkoç S., Gök Y., Project Supported by Higher Education Institutions, N-Heterosiklik Tuzların Sentezi Ve Özellikleri, 2011 - 2012

## Activities in Scientific Journals

Current Physical Chemistry, Editor, 2020 - Continues

## Scientific Refereeing

Heliyon, Other Indexed Journal, July 2021

SÜLEYMAN DEMİREL ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, National Scientific Refreed Journal, July 2021

European Journal of Chemistry, Other Indexed Journal, July 2021

STERIODS, SCI Journal, July 2021

SÜLEYMAN DEMİREL ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, National Scientific Refreed Journal, April 2021

CHEMISTRYSELECT, Journal Indexed in SCI-E, March 2021

European Journal of Chemistry, Other Indexed Journal, February 2021

TUBITAK Project, 1002 - Quick Support Program, Suleyman Demirel University, Turkey, February 2021

JOURNAL OF THE TURKISH CHEMICAL SOCIETY, SECTION A: CHEMISTRY, National Scientific Refreed Journal, January 2021

TUBITAK Project, 3501 - National Young Researcher Career Development Program, Suleyman Demirel University, Turkey, January 2021

SYNTHETIC COMMUNICATIONS, Journal Indexed in SCI-E, November 2020

Plant Cell Biotechnology and Molecular Biology, Other Indexed Journal, November 2020

International Journal of Secondary Metabolite, Other Indexed Journal, November 2020

BenthamScience, Other Indexed Journal, October 2020

International Journal of Secondary Metabolite, National Scientific Refreed Journal, October 2020

ORGANIC PREPARATIONS AND PROCEDURES INTERNATIONAL, Journal Indexed in SCI-E, September 2020

LETTERS IN DRUG DESIGN & DISCOVERY, SCI Journal, September 2020

JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, September 2020

AFYON KOCATEPE ÜNİVERSİTESİ FEN VE MÜHENDİSLİK BİLİMLERİ DERGİSİ, National Scientific Refreed Journal, September 2020

JOURNAL OF THE CHINESE CHEMICAL SOCIETY, SCI Journal, August 2020

Journal of Pharmaceutical Research International, Other Indexed Journal, August 2020

Kahramanmaraş Sütçü İmam Üniversitesi Tarım ve Doğa Dergisi, Other Journals, August 2020

RESEARCH ON CHEMICAL INTERMEDIATES, SCI Journal, August 2020

MEDICINAL CHEMISTRY RESEARCH, Journal Indexed in SCI-E, July 2020

CHEMISTRYSELECT, Journal Indexed in SCI-E, July 2020

SYNTHETIC COMMUNICATIONS, Journal Indexed in SCI-E, June 2020

APPLIED ORGANOMETALLIC CHEMISTRY, SCI Journal, June 2020

CHEMISTRYSELECT, Journal Indexed in SCI-E, June 2020

CHEMISTRYSELECT, Journal Indexed in SCI-E, June 2020

Asian Journal of Applied Chemistry Research, Other Indexed Journal, May 2020

JOURNAL OF THE CHINESE CHEMICAL SOCIETY, SCI Journal, May 2020

JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, May 2020

Synthetic Communications, SCI Journal, March 2020

Inorganica Chimica Acta, SCI Journal, March 2020

Chemistry and Biodiversity, SCI Journal, March 2020

TUBITAK Project, 1002 - Quick Support Program, Suleyman Demirel University, Turkey, March 2020

Heliyon, Other Indexed Journal, February 2020  
Inorganica Chimica Acta, SCI Journal, February 2020  
Project Supported by Higher Education Institutions, BAP Research Project, Suleyman Demirel University, Turkey, February 2020  
Inorganica Chimica Acta, SCI Journal, December 2019  
KOSGEB, Suleyman Demirel University, Turkey, December 2019  
Bilecik Şeyh Edebali Üniversitesi Fen Bilimleri Dergisi, National Scientific Refreed Journal, November 2019  
Chemistry and Biodiversity, SCI Journal, October 2019  
Inorganica Chimica Acta, SCI Journal, October 2019  
Bilecik Şeyh Edebali Üniversitesi Fen Bilimleri Dergisi, National Scientific Refreed Journal, September 2019  
Organic Preparations and Procedures International, SCI Journal, September 2019  
Asian Journal of Chemical Sciences , Other Indexed Journal, September 2019  
Journal of Turkish Chemical Society, Section A: Chemistry, National Scientific Refreed Journal, September 2019  
Asian Journal of Applied Chemistry Research, Other Indexed Journal, September 2019  
Current Organic Synthesis, SCI Journal, April 2019  
Journal of Pharmaceutical Research International, Other Indexed Journal, April 2019  
Current Organic Synthesis, SCI Journal, April 2019  
Anti-Infective Agents, SCI Journal, April 2019  
Heliyon, SCI Journal, April 2019  
Current Organic Synthesis, SCI Journal, April 2019  
Project Supported by Higher Education Institutions, April 2019  
Current Bioactive Compounds, SCI Journal, March 2019  
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Chemistry and Biodiversity, SCI Journal, February 2019  
Medicinal Chemistry Research, SCI Journal, February 2019  
Chemical Science International Journal, SCI Journal, February 2019  
New Journal of Chemistry, SCI Journal, July 2018  
Journal of Turkish Chemical Society, Section A: Chemistry, National Scientific Refreed Journal, July 2018  
Letter in Drug Design and Discovery, SCI Journal, July 2018  
Journal of Organometallic Chemistry, SCI Journal, April 2018  
CHEMISTRYSELECT, Journal Indexed in SCI-E, April 2018  
American Chemical Society (ACS) Omega, SCI Journal, April 2018  
CHEMISTRYSELECT, Journal Indexed in SCI-E, March 2018  
New Journal of Chemistry, SCI Journal, March 2018  
Applied Organometallic Chemistry, SCI Journal, February 2018  
Inorganic and Nano-Metal Chemistry, SCI Journal, February 2018  
Applied Organometallic Chemistry, SCI Journal, December 2017  
Inorganica Chimica Acta, SCI Journal, December 2017  
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New Journal of Chemistry, SCI Journal, September 2017  
Inorganica Chimica Acta, SCI Journal, July 2017  
Applied Organometallic Chemistry, SCI Journal, July 2017  
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Inorganica Chimica Acta, SCI Journal, July 2017  
Catalysis Letters, SCI Journal, June 2017  
Catalysis Letters, SCI Journal, May 2017  
Current Organic Synthesis, SCI Journal, May 2017  
Asian Journal of Biology, SCI Journal, April 2017  
Inorganica Chimica Acta, SCI Journal, March 2017  
Arabian Journal of Chemistry, SCI Journal, February 2017  
Journal of Organometallic Chemistry, SCI Journal, February 2017

Inorganica Chimica Acta, SCI Journal, January 2017  
Current Organic Synthesis, SCI Journal, December 2016  
Journal of Turkish Chemical Society, Section A: Chemistry, National Scientific Refreed Journal, November 2016  
Journal of Turkish Chemical Society, Section A: Chemistry, National Scientific Refreed Journal, July 2016  
Journal of Applied Chemical Science International, SCI Journal, June 2016  
Heteroatom, SCI Journal, January 2016  
Heteroatom, SCI Journal, January 2016  
Current Organic Synthesis, SCI Journal, November 2015  
Bioorganic and Medicinal Chemistry, SCI Journal, October 2015  
Journal of Coordination Chemistry, SCI Journal, September 2015  
Journal of Coordination Chemistry, SCI Journal, July 2015  
American Chemical Science Journal, SCI Journal, July 2015  
Journal of the Serbian Chemical Society, Other Indexed Journal, March 2015  
Medicinal Chemistry Research, SCI Journal, December 2014  
Journal of Basic and Applied Research international, Other Indexed Journal, December 2014  
Medicinal Chemistry Research, SCI Journal, October 2014  
Journal of Coordination Chemistry, SCI Journal, October 2014  
Medicinal Chemistry Research, SCI Journal, April 2014  
Medicinal Chemistry Research, SCI Journal, July 2013  
Inorganica Chimica Acta, SCI Journal, June 2013

## Scientific Consultations

TÜBİTAK, Project Consultancy, Erciyes University, Fen Fakültesi, Kimya Bölümü, 2014 - 2015

## Edit Congress and Symposium Activities

6 th International Conference on Organic and Inorganic Chemistry, Attendee, Amsterdam, Netherlands, 2019  
Uygulamalı Mikroskopi Çalıştayı, Attendee, Isparta, Turkey, 2019  
International Congress on Multidisciplinary Studies, Attendee, Iğdır, Turkey, 2018  
1. Uluslararası Multidisipliner Çalışmalar Kongresi, Attendee, Van, Turkey, 2018  
2nd International Scientific and Vocational Studies Congress, Attendee, Nevşehir, Turkey, 2018  
3rd International Congress on Vocational and Technical Sciences, Attendee, Gaziantep, Turkey, 2018  
1. International Eurasian Conference on Biological and Chemical Sciences, Attendee, Ankara, Turkey, 2018  
6. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Attendee, Antalya, Turkey, 2018  
1st International Conference on Innovations in Natural Science and Engineering (ICINSE 2018), Attendee, Gazimagusa, Cyprus (Kkct), 2018  
2nd NPCPT International Conference on Natural Products for Cancer Prevention and Therapy, Attendee, Kayseri, Turkey, 2017  
5th International BAU Drug Design Congress, Attendee, İstanbul, Turkey, 2017  
1st International Congress on Cancer and Ion Channels, Attendee, Şanlıurfa, Turkey, 2017  
29. National Chemistry Congress, Attendee, Ankara, Turkey, 2017  
5. Drug Chemistry: Drug Effective Matter Design, Synthesis, Production and Standardization Congress, Attendee, -- Seçiniz--, Turkey, 2017  
4th International BAU Drug Design Congress, Attendee, İstanbul, Turkey, 2016  
XXXIV GEQO Congress, Attendee, Girona, Spain, 2016  
16. Chromatography Congress, Attendee, Malatya, Turkey, 2016  
10. National Affinity Techniques Congress, Attendee, Balıkesir, Turkey, 2016

4. Pharmaceutical Chemistry: Conference of Design, Synthesis, Production and Standardization of Drug Active Matter, Attendee, Aydın, Turkey, 2016  
Light Scattering & FFF: Essential Polymer Characterization, Attendee, Sydney, Australia, 2016  
Light Scattering & FFF: Essential Polymer Characterization, Attendee, Sydney, Australia, 2016  
Super-Resolution Workshop 2015, Hosted by AMMRF and Leica at Charles Perkins Centre, Attendee, Sydney, Australia, 2015  
Compare the latest Nano particle Characterisation Techniques, Attendee, Sydney, Australia, 2015  
2015 Cancer-Lifespan Research Symposium, Attendee, Sydney, Australia, 2015  
Pharmaceutical Student Symposium, Attendee, Sydney, Australia, 2015  
International Symposium on Molecular Chemistry, Attendee, Istanbul, Turkey, 2014  
4. Arge Project Market on Sector of Chemical Substances and Products, Attendee, İstanbul, Turkey, 2014  
Research Project Preparation and Execution Training in Engineering Science, Attendee, Kayseri, Turkey, 2014  
IV. Physical Chemistry Congress, Attendee, Denizli, Turkey, 2014  
5. National Catalysis Congress, Attendee, Adana, Turkey, 2014  
44 th World Chemistry Congress, Attendee, İstanbul, Turkey, 2013  
1. National Catalysis Summer School, Attendee, Malatya, Turkey, 2013  
4. Inorganic Chemistry Congress, Attendee, Tokat, Turkey, 2013  
National Chemistry Congress, Attendee, Muğla, Turkey, 2012  
Eurasian Meeting on Heterocyclic, Attendee, İstanbul, Turkey, 2012  
Organometallic Chemistry and Workshop on Catalysis, Attendee, Malatya, Turkey, 2010  
Scientific Project Preparation Workshop, Attendee, Turkey, 2010

## Citations

Total Citations (WOS):481

h-index (WOS):13

## Scholarships

TÜBİTAK -2218-Yurt içi Doktora Sonrası Araştırma Bursu, TUBİTAK, 2018 - Continues

TÜBİTAK -2214-Yurt Dışı Doktora Sırası Araştırma Bursu, TUBİTAK, 2014 - Continues

## Awards

AKKOÇ S., Yayın Teşvik, TÜBİTAK, October 2019

AKKOÇ S., Yayın Teşvik, Erciyes Üniversitesi, May 2016

AKKOÇ S., Yayın Teşvik, Erciyes Üniversitesi, May 2015

AKKOÇ S., Yayın Teşvik, Erciyes Üniversitesi, April 2013