

Asst. Prof. Senem AKKOÇ

Personal Information

Email: senemakkoc@sdu.edu.tr

Web: <https://w3.sdu.edu.tr/personel/09866/dr-ogr-uyesi-senem-akkoc>

Education Information

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

Post Graduate, Inonu University, Fen Fakültesi, Kimya Bölümü, Turkey 2011 - 2012

Under Graduate, 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

Post Graduate, 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 , 2019 - Continues

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

Other, University of Sydney, Faculty Of Pharmacy, Department Of Cancer, 2015 - 2016

Jury Memberships

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

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

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

- **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 Expanded)
- **Synthesis, Characterization, DNA Interactions and Anticancer Activities of Novel Octahedral [Ni(phen)2(dppz-idzo)]2+ and [Co(phen)2(dppz-idzo)]3+ Complexes**
Akkoç S., Abulhasanov B., Yıldız U., Çoban B.

Applied Organometallic Chemistry, vol.0, pp.5866, 2020 (Journal Indexed in SCI)

- **Synthesis of novel heterocyclic compounds containing pyrimidine nucleus using the Biginelli reaction: Antiproliferative activity and docking studies**
Yavuz S. C. , Akkoç S., Türkmenoğlu B., Sarıpınar E.
JOURNAL OF HETEROCYCLIC CHEMISTRY, 2020 (Journal Indexed in SCI)
- **Synthesis of naphthalimide derivatives with potential anticancer activity, their comparative ds- and G-quadruplex-DNA binding studies and related biological activities**
Yıldız U., Kandemir I., Comert F., Akkoc S., Coban B.
MOLECULAR BIOLOGY REPORTS, 2020 (Journal Indexed in SCI)
- **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)
- **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)
- **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, pp.2513-2518, 2019 (Journal Indexed in SCI)
- **Synthesis and In Vitro Anticancer Evaluation of Some Benzimidazolium Salts**
Akkoc S., Kayser V., İLHAN İ. Ö.
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.56, pp.2934-2944, 2019 (Journal Indexed in SCI)
- **The cytotoxic activities of imidazole derivatives prepared from various guanyldrazone and phenylglyoxal monohydrate**
Yavuz S. C. , AKKOÇ S., SARIPINAR E.
SYNTHETIC COMMUNICATIONS, vol.49, pp.3198-3209, 2019 (Journal Indexed in SCI)
- **Antiproliferative activities of 2-hydroxyethyl substituted benzimidazolium salts and their palladium complexes against human cancerous cell lines**
AKKOÇ S.
SYNTHETIC COMMUNICATIONS, vol.49, pp.2903-2914, 2019 (Journal Indexed in SCI)
- **Synthesis and characterization of new 4,5-dihydropyrazol-1-yl derivatives**
Güney F. O. , İLHAN İ. Ö. , AKKOÇ S.
SYNTHETIC COMMUNICATIONS, vol.49, pp.2417-2424, 2019 (Journal Indexed in SCI)
- **The comparative study of the DNA binding and biological activities of the quaternized dicationic form and its platinum(II) heteroleptic cationic complex**
Yıldız U., Sengul A., Kandemir I., Comert F., AKKOÇ S., Coban B.
BIOORGANIC CHEMISTRY, vol.87, pp.70-77, 2019 (Journal Indexed in SCI)
- **Derivatives of 1-(2-(Piperidin-1-yl)ethyl)-1H-benzod[imidazole: Synthesis, Characterization, Determining of Electronic Properties and Cytotoxicity Studies**
AKKOÇ S.
CHEMISTRYSELECT, vol.4, pp.4938-4943, 2019 (Journal Indexed in SCI)
- **Reactions of aminopyrimidine derivatives with chloroacetyl and isophthaloyl chlorides**
Cimen Z., Akkoc S., KÖKBUDAK Z.
HETEROATOM CHEMISTRY, vol.29, 2018 (Journal Indexed in SCI)
- **Synthesis, characterization, and antimicrobial and catalytic activity of a new Schiff base and its metal(II) complexes**
ASLAN H. G. , Akkoc S., KÖKBUDAK Z., Aydın L.
JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, vol.14, pp.2263-2273, 2017 (Journal Indexed in SCI)
- **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)

- **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, pp.3026-3032, 2017 (Journal Indexed in SCI)
- **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)
- **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)
- **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)
- **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)
- **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, pp.1527-1530, 2016 (Journal Indexed in SCI)
- **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, pp.761-766, 2016 (Journal Indexed in SCI)
- **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, pp.1322-1327, 2016 (Journal Indexed in SCI)
- **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)
- **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, pp.1767-1774, 2014 (Journal Indexed in SCI)
- **Catalytic activities in direct arylation of novel palladium N-heterocyclic carbene complexes**
Akkoc S., GÖK Y.
APPLIED ORGANOMETALLIC CHEMISTRY, vol.28, pp.854-860, 2014 (Journal Indexed in SCI)
- **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, pp.2365-2368, 2014 (Journal Indexed in SCI)
- **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, pp.244-251, 2014 (Journal Indexed in SCI)
- **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)

- **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, pp.602-610, 2013 (Journal Indexed in SCI)

- **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, pp.2901-2909, 2013 (Journal Indexed in SCI)

- **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, pp.1396-1404, 2013 (Journal Indexed in SCI)

- **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, pp.1007-1013, 2013 (Journal Indexed in SCI)

Articles Published in Other Journals

- **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, pp.505-513, 2020 (Refereed Journals of Other Institutions)

- **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, 2020 (Refereed Journals of Other Institutions)

- **Application of Heterocyclic Compounds as Catalysts in Suzuki-Miyaura Cross-Coupling Reaction**

AKKOÇ S.

Cumhuriyet Science Journal, vol.40, pp.854-859, 2019 (Other Refereed National Journals)

- **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, pp.112-122, 2018 (Refereed Journals of Other Institutions)

- **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, pp.145-155, 2018 (Refereed Journals of Other Institutions)

- **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, pp.45-58, 2017 (Refereed Journals of Other Institutions)

- **Biological activity evaluation of novel N-heterocyclic carbene precursors**

Akkoç S., Gök Y., Erdoğan H., Albayrak S.

International Journal of Pharmaceutical Sciences and Research, vol.8, pp.262-267, 2016 (Journal Indexed in ESCI)

- **The Reactions and Quantum Chemical Calculations of Some Pyrazole-3-Carboxylic Acid Chlorides with Various Hydrazides**

İLHAN İ. Ö. , MEHMET C., SARACOGLU M., KANDEMİRLİ F., KÖKBUDAK Z., AKKOÇ S.

Chemical Science, vol.4, pp.838-850, 2015 (Refereed Journals of Other Institutions)

- **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)
- **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)
- **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, pp.20-30, 2014 (Refereed Journals of Other Institutions)
- **1,3-Bis(5-Aminofuran-2-yl)methyl-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)
- **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.
Acta Crystallographica Section E-Structure Reports Online, vol.68, pp.590-591, 2012 (Refereed Journals of Other Institutions)

Book & Book Chapters

- **Pirimidin Bazlı Yeni Bir Heterosiklik Bileşiğin Karbon-Karbon Bağ Eşleşme Reaksiyonunda Katalitik Aktivite Çalışması**
ASLAN H. G. , AKKOÇ S., KÖKBUDAK Z.
in: Kimya Araştırmaları-I, Dr. Mehmet Şakir Ece, Editor, İKSAD Yayınevi, Ankara, pp.52-59, 2020
- **(1-(2,5-Dimetoksibenzilidenamino)-2-tiyokso-4-p-tolil-1,2-dihidropirimidin-5-il)(p-tolil)metanon Bileşiğinin Sentezi ve Katalitik Aktivite Uygulamaları**
ASLAN H. G. , AKKOÇ S., KÖKBUDAK Z.
in: Kimya Araştırmaları-I, Dr. Mehmet Şakir Ece, Editor, İKSAD Yayınevi, Ankara, pp.60-67, 2020
- **Bis[1-((1H-indol-3-il)metilenamino)-5-(4-metilbenzoil)-4-p-tolilpirimidin-2(1H)-on]dikloro Kobalt(II) Kompleksinin Sentezi ve Katalitik Aktivite Çalışmaları**
ASLAN H. G. , AKKOÇ S., KÖKBUDAK Z.
in: Kimya Araştırmaları-I, Dr. Mehmet Şakir Ece, Editor, İKSAD Yayınevi, Ankara, pp.44-51, 2020

Refereed Congress / Symposium Publications in Proceedings

- **A Novel Benzimidazole-Benzothiadiazole Derivative: Synthesis, Characterization, DNA Interaction and Cytotoxic Activity Studies**
Saka E., AKKOÇ S., ÇOBAN B.
8. Uluslararası İlaç Kimyası Kongresi: İlaç Etken Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 27 - 01 March 2020
- **New phenanthroline nickel(II) organodithio-phosphorus complexes: syntheses, structural characterizations and in vitro cytotoxic activity studies**
SAĞLAM E. G. , AKKOÇ S., ZORLU Y., BULAT E., AKGÜN A.
3rd International Eurasian Conference on Biological and Chemical Sciences, 19 - 20 March 2020
- **Synthesis of 1,2-Disubstituted Benzimidazole Derivatives and Investigation of Their In Vitro Anticancer Efficacy**
AKKOÇ S.
3rd International Eurasian Conference on Biological and Chemical Sciences, 19 - 20 March 2020
- **Application of New Heterocyclic Compounds as Catalysts in the Suzuki-Miyaura and Mizoroki-Heck Cross-Coupling Reactions in Aqueous Media**

AKKOÇ S., İLHAN İ. Ö.

3rd International Eurasian Conference on Biological and Chemical Sciences, 19 - 20 March 2020

- **New heterobimetallic nickel(II) ferrocenyldithiophosphonato complexes: Syntheses, structural 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 Ö.
3rd International Eurasian Conference on Biological and Chemical Sciences, 19 - 20 March 2020
- **A Novel Benzimidazole-Benzothiadiazole Derivative: Synthesis, Characterization, DNA Interaction and Cytotoxic Activity Studies'**
saka e., AKKOÇ S., ÇOBAN B.
8. Uluslararası İlaç Kimyası Kongresi: İlaç Etken Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Turkey, 27 February - 01 March 2020
- **Synthesis and Catalytic Activity Application of (1-(2,5-Dimethoxybenzylideneamino)-2-thioxo-4-p-tolyl-1,2-dihydropyrimidin-5-yl)(p-tolyl)methanone Compound**
ASLAN H. G. , AKKOÇ S., KÖKBUDAK Z.
Avrasya 5. Uluslararası Uygulamalı Bilimler Kongresi, Adana, Turkey, 15 - 17 November 2019
- **Synthesis and Catalytic Activity Studies of Bis[(E)-1-((1H-indol-2-yl)methyleneamino)-5-(4-methylbenzoyl)-4-p-tolylpyrimidin-2(1H)-one]dichloro Cobalt(II) Complex**
ASLAN H. G. , AKKOÇ S., KÖKBUDAK Z.
Avrasya 5. Uluslararası Uygulamalı Bilimler Kongresi, Adana, Turkey, 15 - 17 November 2019
- **Catalytic Activity Study of a New Heterocycle Compound Based on Pyrimidine in Carbon-Carbon Bond Coupling Reaction**
ASLAN H. G. , AKKOÇ S., KÖKBUDAK Z.
Avrasya 5. Uluslararası Uygulamalı Bilimler Kongresi, Adana, Turkey, 15 - 17 November 2019
- **Characterization and In Vitro Cytotoxic Activity Studies against Different Cancer Cell Lines of a New Heterocyclic Compound Containing Pyrimidine Ring**
ASLAN H. G. , AKKOÇ S., KÖKBUDAK Z.
UMTEB 8. Uluslararası Mesleki ve Teknik Bilimler Kongresi, 11 - 13 October 2019
- **Synthesis and Cytotoxic Activity Studies of 1-(3,4,5-trimethoxybenzylideneamino)-5-(4-methylbenzoyl)-4-p-tolylpyrimidin-2(1H)-one**
AKKOÇ S., ASLAN H. G. , KÖKBUDAK Z.
UMTEB 8. Uluslararası Mesleki ve Teknik Bilimler Kongresi, 11 - 13 October 2019
- **Biological activity evaluation of a series of 1-((2,3-dihydrobenzo[b][1,4]dioxin-2-yl)methyl)-3-alkylbenzimidazolium salts**
AKKOÇ S.
6 th International Conference on Organic and Inorganic Chemistry, Amsterdam, Netherlands, 09 August 2019, no.10, pp.40
- **Catalytic activities in the Suzuki-Miyaura cross-coupling reaction of unsymmetrical substituted benzimidazolium salts and their palladium complexes**
AKKOÇ S.
6 th International Conference on Organic and Inorganic Chemistry, Amsterdam, Netherlands, 8 - 09 August 2019, no.10, pp.47
- **Anticancer activity studies in different cell lines of various organic compounds**
AKKOÇ S.
6 th International Conference on Organic and Inorganic Chemistry, Amsterdam, Netherlands, 8 - 09 August 2019, no.10, pp.44
- **Antiproliferative Activities of Newly Synthesized Heterocyclic Compounds Against Human Cell Lines**
AKKOÇ S.
6 th International Conference on Organic and Inorganic Chemistry, Amsterdam, Netherlands, 8 - 09 August 2019, no.10, pp.34
- **CU, CO AND MN COMPLEXES: SYNTHESIS, CHARACTERIZATION AND CYTOTOXIC ACTIVITY**
AKKOÇ S., ASLAN H. G. , KÖKBUDAK Z.
I. International İğdir Congress on Multidisciplinary Studies, 6 - 08 November 2018

- **Synthesis and Characterization of Organic Compounds Including 2-p-Tolyl-1H-benzo-[d]-imidazole Nucleus and Anti-Cancer Properties in MCF-7 Cell Line**
AKKOÇ S.
I. INTERNATIONAL İĞDIR CONGRESSON MULTIDISCIPLINARY STUDIES, 6 - 08 November 2018
- **Synthesis, Caharacterization and Anticancer Studies of Pyrimidin Based Pd (II) and Pt (II) Complexes**
AKKOÇ S., ASLAN H. G. , KÖKBUDAK Z.
Ahtamara 1. Uluslararası Multidisipliner Çalışmalar Kongresi, 25 - 26 August 2018
- **The Cytotoxic Activity Properties and Reactions of Aminopyrimidine Derivatives with Dimethyl Acetylenedicarboxylate**
KÖKBUDAK Z., Buran S., DOĞAN Ş. D. , ASLAN H. G. , AKKOÇ S.
2nd International Scientific and Vocational Studies Congress, 5 - 08 July 2018
- **In Vitro Cytotoxic Activity Evaluation of New Organic Compounds Including 2-Phenyl-1H-benzo[d]imidazole**
AKKOÇ S.
Ahtamara 1. Uluslararası Multidisipliner Çalışmalar Kongresi, Van, Turkey, 25 - 26 August 2018
- **Cytotoxic Activity Properties of Pyrimidine Derivative Compounds**
ÇAĞLAR S., AKKOÇ S., Sarıınar E.
2nd International Scientific and Vocational Studies Congress, Nevşehir, Turkey, 5 - 08 July 2018, pp.231
- **Anticancer Activity Against A549 Cell Line of Synthesized Ag (I), Cr (II) and Ni (II) Complexes**
ASLAN H. G. , AKKOÇ S., Kökbudak Z.
2nd International Scientific and Vocational Studies Congress, Nevşehir, Turkey, 5 - 08 July 2018, pp.215
- **Ag(I) And Ni(II) Complexes: Synthesis, Characterization And Cytotoxic Activities**
AKKOÇ S., ASLAN H. G. , Kökbudak Z.
3rd International Congress on Vocational and Technical Sciences, Gaziantep, Turkey, 21 - 22 June 2018, pp.42
- **Theoretical Calculations And Molecular Docking Study Anticancer Effect Of Synthesized Salt Against Hela Cell Line**
AKKOÇ S., ÇAĞLAR YAVUZ S., TÜRKMENOĞLU B.
International Conference On Physical Chemistry And Functional Materials (Pcfm'18), 19 - 21 June 2018
- **Catalytic Activity of 1-(2-Hydroxybenzylideneamino)-5-(4-Methylbenzoyl)-4-(4-Methylphenylpyrimidin)-2(1h)-One**
AKKOÇ S., ASLAN H. G. , Kökbudak Z.
3rd International Congress on Vocational and Technical Sciences, Gaziantep, Turkey, 21 - 22 June 2018, pp.56
- **Theoretical and X-ray studies of an Ag-NHC complex**
ÇAĞLAR S., AKKOÇ S.
International Conference on Physical Chemistry and Functional Materials (Pcfm'18), Elazığ, Turkey, 19 - 21 June 2018, pp.195
- **Theoretical Calculations And Molecular Docking Study Anticancer Effect Of Synthesized Salt Against Hela Cell Line**
AKKOÇ S., ÇAĞLAR YAVUZ S., TÜRKMENOĞLU B.
International Conference on Physical Chemistry and Functional Materials (Pcfm'18), Elazığ, Turkey, 19 - 21 June 2018, pp.313
- **Anticancer Activity of Development Two Organic Compounds Against Human Breast Cancer (MCF-7) Cell Line**
AKKOÇ S., DOĞAN Ş. D. , KÖKBUDAK Z.
International Eurasian Conference on Biological and Chemical Sciences, 26 - 27 April 2018
- **Effect of Synthesized Compounds on Proliferation of Human Colorectal Adenocarcinoma (DLD-1) Cell Line as in vitro**
AKKOÇ S., SOMTÜRK B., İLHAN İ. Ö. , KÖKBUDAK Z.
International Eurasian Conference on Biological and Chemical Sciences, 26 - 27 April 2018
- **1,3-Tiyazol-2-amin Türevi Bileşiklerin Sentezi, Karakterizasyonu ve Sitotoksik Aktivite Özellikleri**
AKKOÇ S., DOĞAN Ş. D. , KÖKBUDAK Z.
6. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, 22 - 25 March 2018
- **Organik bir bileşiğin çiçek desenli hibrit nano yapıların haline getirilmesi ve karektarizasyonu**

SOMTÜRK B., AKKOÇ S., Kökbudak Z., ÖZDEMİR N.

Uluslararası Katılımlı 6. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 22 - 25 March 2018, pp.101

- **Synthesis of 1-(2-Hydroxybenzylideneamino)-5-(4-methylbenzoyl)-4-(4-methylphenylpyrimidin)-2(1H)-one and Its Ni Complex**

ASLAN H. G. , KÖKBUDAK Z., İLHAN İ. Ö. , AKKOÇ S.

International Conference on Innovations in Natural Science and Engineering (ICINSE 2018), 3 - 06 January 2018

- **New Organic and Inorganic Compounds: Synthesis, Characterization and Cytotoxic Activity**

AKKOÇ S., İLHAN İ. Ö. , Kökbudak Z., ASLAN H. G.

International Conference on Innovations in Natural Science and Engineering (ICINSE 2018), Famagusta, Cyprus (Kkct), 3 - 06 January 2018, pp.136

- **Synthesis and Characterization of Biologically Important Organic Compounds**

AKKOÇ S., İLHAN İ. Ö. , ALBAYRAK S.

5th International BAU Drug Design Congress, 19 - 21 October 2017

- **Synthesized a new organic compound's cytotoxic activity quantum mechanics calculations and docking studies**

AKKOÇ S., TÜRKMENOĞLU B., ÇAĞLAR YAVUZ S.

2nd NPCPT International Conference on Natural Products for Cancer Prevention and Therapy, 8 - 11 November 2017

- **Effect of synthesized compound against cancerous cell line and synthesis of copper ion incorporated benzimidazolium salt-based hybrid nanoflowers**

SOMTÜRK B., AKKOÇ S., ÖZDEMİR N.

2nd NPCPT International Conference on Natural Products for Cancer Prevention and Therapy, 8 - 11 November 2017

- **Developed of effective anticancer drug candidates against breast and colon cancers**

AKKOÇ S., İLHAN İ. Ö. , KAYSER V.

2nd NPCPT International Conference on Natural Products for Cancer Prevention and Therapy, 8 - 11 November 2017

- **Anticancer Activities of New Compounds that Include Anthracene**

AKKOÇ S., İLHAN İ. Ö.

5th International BAU Drug Design Congress, 19 - 21 October 2017

- **Synthesis of Copper Ion Incorporated 1-(3,4-diaminophenyl) Ethanone Based Hybrid Nanoflowers for Enhanced Catalytic Activity**

SOMTÜRK B., AKKOÇ S., ÖZDEMİR N.

1st International Congress on Cancer and Ion Channels, 21 - 23 September 2017

- **Anticancer Activities of Heterocyclic Compounds Against Breast and Colon Cancer Cell Lines**

AKKOÇ S., İLHAN İ. Ö. , KAYSER v.

1st International Congress on Cancer and Ion Channels, 21 - 23 September 2017

- **Suzuki-Miyaura Çapraz Eşleşme Reaksiyonlarında Yeni Bileşiklerin Katalitik Aktiviteleri**

AKKOÇ S., SHAHLA L., ABDULAI Y., CANAKDAG M., ÖZDEMİR F., İLHAN İ. Ö.

29. Ulusal Kimya Kongresi, Turkey, 10 - 14 September 2017

- **Meme Kanserine Karşı Etkili İlaç Adaylarının Geliştirilmesi**

AKKOÇ S., İLHAN İ. Ö.

29. Ulusal Kimya Kongresi, Turkey, 10 - 14 September 2017

- **Kolon Kanserine Karşı Etkili Yeni Potansiyel Antikanser İlaç Adaylarının Sentezi ve Karakterizasyonu**

AKKOÇ S., İLHAN İ. Ö. , KAYSER v.

5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, 30 March - 02 April 2017

- **Kalkon türevlerinin sentezi ve elde edilen türevlerin hidrazin ile reaksiyonlarının incelenmesi**

Özdemir F., AKKOÇ S., İLHAN İ. Ö.

5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, 30 March - 02 April 2017

- **Antimikrobiyal Özelliğe Sahip Unsimetrik Sübstitüentli İnorganik Bileşiklerin Sentezi ve Karakterizasyonu**

AKKOÇ S., CANAKDAG M., İLHAN İ. Ö.

Uluslararası Katılımlı 5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 30 March - 02 April 2017, pp.21

- **Göğüs ve Kolon Kanseri Hücrelerine Karşı Cis-Platinden Daha Aktif Olan ve Suda Çözünebilen Yeni Antikanser İlaç Adayı**
AKKOÇ S.
Kimyevi Maddeler ve Mamulleri Sektöründe 6. Ar-Ge Proje Pazarı, İstanbul, Turkey, 26 November 2016
- **Potansiyel Antikanser İlaç Adayları Olarak Yeni Organik Ve İnorganik Bileşikler**
AKKOÇ S., İLHAN İ. Ö. , KAYSER V.
Kimyevi Maddeler ve Mamulleri Sektöründe 6. Ar-Ge Proje Pazarı, İstanbul, Turkey, 26 November 2016
- **Çevre Dostu Yeni Katalizörlerin Sentezi, Karakterizasyonu Ve Çapraz Eşleşme Tepkimesindeki Katalitik Uygulamaları**
Dirlik İ., AKKOÇ S., İLHAN İ. Ö.
Kimyevi Maddeler ve Mamulleri Sektöründe 6. Ar-Ge Proje Pazarı, İstanbul, Turkey, 26 November 2016
- **Sağlık Açısından Yararlı Bitkisel Yağlar Kullanılarak Parfüm Eldesi**
Temiz B., AKKOÇ S.
Kimyevi Maddeler ve Mamulleri Sektöründe 6. Ar-Ge Proje Pazarı, İstanbul, Turkey, 26 November 2016
- **Organic and inorganic compounds: synthesis, characterization and in vitro cytotoxic effects on human noncancerous embryonic kidney cells**
AKKOÇ S., İLHAN İ. Ö. , KAYSER V.
4th International BAU Drug Design Congress, İstanbul, Turkey, 13 - 15 October 2016
- **Cytotoxic activities of various synthesized new compounds in human DLD-1 colon cancer cells**
AKKOÇ S., İLHAN İ. Ö.
4th International BAU Drug Design Congress, İstanbul, Turkey, 13 - 15 October 2016, pp.110
- **5-(4-Methylbenzoyl)-4-p-tolyl-1-(3,4,5-trimethoxybenzylideneamino)pyrimidin-2(1h)-one and it's Antimicrobial Properties**
ASLAN H. G. , AKKOÇ S., Kökbudak Z., İLHAN İ. Ö. , GÖK Y.
XXXIV GEQO Congress, Girona, Spain, 7 - 09 September 2016
- **1-(4-Methoxybenzylideneamino)-5-(4-methylbenzoyl)-4-p-tolylpyrimidin-2(1h)-one and its Catalytic Activity Properties**
ASLAN H. G. , AKKOÇ S., Kökbudak Z., İLHAN İ. Ö.
XXXIV GEQO Congress, Girona, Spain, 7 - 09 September 2016
- **Catalytic Activity in Carbon-Carbon Bond Forming Reactions of PEPPSI Pd-NHC Type N-heterocyclic Carbene Complexes**
AKKOÇ S., İLHAN İ. Ö. , Kökbudak Z., GÖK Y., ASLAN H. G.
XXXIV GEQO Congress, Girona, Spain, 7 - 09 September 2016
- **Cytotoxic Activities in Breast Cancer Cell Line of Organometallic Compounds**
AKKOÇ S., Kökbudak Z., İLHAN İ. Ö. , ASLAN H. G. , GÖK Y.
XXXIV GEQO Congress, Girona, Spain, 7 - 09 September 2016
- **Gaz Kromatografisi ile Yeni Organometalik Bileşiklerin Katalizör Olarak Farklı C-C Bağ Eşleşme Tepkimelerindeki Katalitik Aktivitelerinin Analizi**
AKKOÇ S., İLHAN İ. Ö. , GÖK Y.
16. Kromatografi Kongresi, Malatya, Turkey, 31 August - 02 September 2016, pp.66
- **Inhibition of Peroxidase Activity by Symmetric and Unsymmetric Substituent Novel**
SOMTÜRK B., AKKOÇ S., TÜRKMEÑOĞLU B., ÖZDEMİR N., İLHAN İ. Ö.
28. Ulusal Kimya Kongresi, Mersin, Turkey, 15 - 21 August 2016, pp.18
- **Üreaz Enzim Aktivitesi Üzerine Benzimidazolium Tuzlarının İnhibisyon Etkisi**
AKKOÇ S., SOMTÜRK B., İLHAN İ. Ö. , ÖZDEMİR N.
10. Ulusal Afinite Teknikleri Kongresi, Balıkesir, Turkey, 26 - 28 May 2016
- **Peroksidaz Enzimi Üzerine Yeni Organik Bileşiklerin İnhibisyon Etkisi**
SOMTÜRK B., AKKOÇ S., İLHAN İ. Ö. , ÖZDEMİR N.
10. Ulusal Afinite Teknikleri Kongresi, Balıkesir, Turkey, 26 - 28 May 2016
- **N-Heterosiklik Karben Öncülleri Olarak Benzimidazolium Tuzlarının Sentezi Karakterizasyonu ve Üreaz**

Inhibisyonu Üzerindeki Etkisi

AKKOÇ S., SOMTÜRK B., ÖZDEMİR F., İLHAN İ. Ö. , ÖZDEMİR N.

4. İlaç Kimyası: İlaç Etkin Madde Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Aydın, Turkey, 17 - 20 March 2016

- **Farklı Kanser Hücre Hatlarında Etkili Olan Yeni Herosiklik Karben Öncül ve Komplekslerinin Sentezi**

AKKOÇ S., İLHAN İ. Ö. , KAYSER V.

4. İlaç Kimyası: İlaç Etkin Madde Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Aydın, Turkey, 17 - 20 March 2016

- **Yeşil Kimya için Yeni PEPPSI Pd Katalizörlerin Sentezi ve Uygulamaları**

AKKOÇ S., ÖZDEMİR F., İLHAN İ. Ö. , GÖK Y., KAYSER V.

27. Ulusal kimya kongresi, Çanakkale, Turkey, 23 - 28 August 2015

- **Naftalen-1-İlmetil Sübstituentli Gümüş N-Heterosiklik Karben Komplekslerinin In Vitro Antimikrobiyal Aktiviteleri**

AKKOÇ S., ÖZDEMİR F., GÖK Y., KAYSER V., İLHAN İ. Ö. , ÖZDEMİR İ., GÜNAL S.

27. Ulusal kimya kongresi, Çanakkale, Turkey, 23 - 28 August 2015

- **Palladyum N-Heterosiklik Karben Komplekslerinin Sentezi, Karakterizasyonu ve Teorik Uygulaması**

AKKOÇ S., Özdemir F., Gündüz R., İLHAN İ. Ö. , KÖKBUDAK Z., Uğur S.

27. ulusal kimya kongresi, Turkey, 23 - 28 August 2015

- **Çeşitli Metal N-Heterosiklik Karben Komplekslerinin Sentezi ve Karakterizasyonu**

Cansu F., AKKOÇ S., İLHAN İ. Ö. , GÖK Y., Kayser V.

V. Ulusal Anorganik Kimya Kongresi, Turkey, 22 - 25 April 2015

- **2-Morfolinoetil ve 2-Dietilaminoetil Sübstituentli Gümüş Komplekslerinin Sentezi, Karakterizasyonu ve Antimikrobiyal Aktivite Özellikleri**

AKKOÇ S., ÖZDEMİR F., GÖK Y., ÖZDEMİR İ.

3. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 22 - 25 April 2015, pp.223

- **Palladyum PEPPSI N-Heterosiklik Karben Kompleksleri: Sentezi, Karakterizasyonu ve C-C Bağ Oluşum Tepkimesindeki Katalitik Uygulamaları**

CANAKDAG M., AKKOÇ S., GÖK Y., İLHAN İ. Ö. , KAYSER V.

V. Ulusal Anorganik Kimya Kongresi, Mersin, Turkey, 22 - 25 April 2015

- **Antimikrobiyal Aktiviteye Sahip Gümüş Komplekslerinin Sentezi ve Karakterizasyonu**

AKKOÇ S., UĞUR S., GÖK Y., Kökbudak Z.

3. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 22 - 25 April 2015, pp.214

- **Gümüş Karben Komplekslerinin Antimikrobiyal Aktiviteleri**

CANSU F., AKKOÇ S., İLHAN İ. Ö. , GÖK Y., AKTAŞ A., ÖZDEMİR İ., GÜNAL S.

3. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 22 April - 22 March 2015, pp.221

- **Naftil Grubu İceren Benzimidazolyum Tuzlarının Antimikrobiyal Aktiviteleri**

CANAKDAG M., AKKOÇ S., GÖK Y., İLHAN İ. Ö. , ÖZEROĞLU Ö., ÖZDEMİR İ., GÜNAL S.

3. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 20 - 22 March 2015, pp.222

- **Synthesis and Characterization of Novel PEPPSI Pd-NHC Complexes**

AKKOÇ S., İLHAN İ. Ö. , GÖK Y.

International Symposium on Molecular Chemistry, İstanbul, Turkey, 18 - 19 December 2014, pp.53

- **Temiz Teknoloji için Yeni Katalizörlerin Sentezi**

CANAKDAG M., AKKOÇ S., İLHAN İ. Ö. , GÖK Y.

Kimyevi Maddeler ve Mamülleri Sektöründe 4. Ar-Ge Proje Pazarı, İstanbul, Turkey, 01 November 2014

- **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

- **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

- **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

- **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

- **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

- **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

- **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

- **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

- **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

- **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

- **Synthesis, Characterization 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.

5. National Catalysis Conference, Adana, Turkey, 23 - 26 April 2014

- **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

- **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

- **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

- **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

- **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

- **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
- **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
- **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
- **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
- **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
- **Fenil Sübstitüentli NHC-Pd Komplekslerinin Sentezi ve Katalitik Aktiviteleri**
AKKOÇ S., GÖK Y.
26. Ulusal Kimya Kongresi, Mersin, Turkey, 1 - 06 October 2012
- **Gümüş-NHC Komplekslerinin Sentezi ve Antimikrobiyal Özellikleri**
AKKOÇ S., GÖK Y.
26. Ulusal Kimya Kongresi, Muğla, Turkey, 1 - 06 October 2012
- **Synthesis and Catalytic Activity of NHC-Ru Complexes**
Aktaş A., GÖK Y., AKKOÇ S.
7th Eurasian Meeting on Heterocyclic Chemistry, 17 - 21 June 2012
- **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
- **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
- **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
- **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
- **Synthesis and Catalytic Activity of NHC-Pd Complexes**
SARI Y., GÖK Y., AKKOÇ S.
Eurasian Meeting on Heterocyclic, İstanbul, Turkey, 17 - 21 June 2012
- **Furan, Tiyofen ve Piyrol 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., 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 Kansere 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., TUBITAK 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-dialkilbenzimidazolium-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

- CHEMISTRYSELECT, Journal Indexed in SCIE, July 2020
- APPLIED ORGANOMETALLIC CHEMISTRY, SCI Journal, June 2020
- CHEMISTRYSELECT, Journal Indexed in SCIE, June 2020
- SYNTHETIC COMMUNICATIONS, Journal Indexed in SCIE, June 2020
- CHEMISTRYSELECT, Journal Indexed in SCIE, 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
Project Supported by Higher Education Institutions, March 2019
Medicinal Chemistry Research, SCI Journal, February 2019
Chemistry and Biodiversity, 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 SCIE, April 2018
American Chemical Society (ACS) Omega, SCI Journal, April 2018
CHEMISTRYSELECT, Journal Indexed in SCIE, 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
Inorganica Chimica Acta, SCI Journal, November 2017
New Journal of Chemistry, SCI Journal, September 2017
Inorganica Chimica Acta, SCI Journal, July 2017
Applied Organometallic Chemistry, SCI Journal, July 2017
Applied Organometallic Chemistry, SCI Journal, July 2017
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

Journal of Coordination Chemistry, SCI Journal, October 2014
Medicinal Chemistry Research, 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, 2014 - 2015

Invited 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 (Kktc), 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
Pharmaceutical Student Symposium, Attendee, Sydney, Australia, 2015
2015 Cancer-Lifespan Research Symposium, Attendee, Sydney, Australia, 2015
International Symposium on Molecular Chemistry, Attendee, İstanbul, 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):260

h-index (WOS):10

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