

## Prof. SEDAT YAŞAR

### Personal Information

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### Education Information

Doctorate, Inonu University, Fen Bilimleri Enstitüsü, Kimya, Turkey 2004 - 2008

Post Graduate, Inonu University, Fen Bilimleri Enstitüsü, Kimya, Turkey 2002 - 2004

Under Graduate, Inonu University, Fen Edebiyat Fakültesi, Kimya, Turkey 1997 - 2001

### Dissertations

Doctorate, Karbon-halojenür bağlarının n-heterosiklik karben katalizörleri ile aktivasyonu, Inonu University, Fen-Edebiyat Fakültesi, 2008

### Research Areas

Chemistry, Inorganic Chemistry, Bioinorganic Chemistry, Catalysis, Coordination Chemistry, Metal Carbene Complexes, Metal olefin complexes, Solid-State Chemistry, nanoclusters, Organometallic Chemistry, Novel Ligands, Natural Sciences

### Academic Titles / Tasks

Professor, Inonu University, Fen-Edebiyat Fakültesi, 2017 - Continues

Associate Professor, Inonu University, Fen-Edebiyat Fakültesi, 2014 - 2017

Associate Professor, 2011 - 2014

Assistant Professor, 2008 - 2011

### Professional Experience

Deputy Head of Department, Gaziosmanpaşa Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2010 - 2011

### Courses

Temel Kimya, Under Graduate, 2016 - 2017

Tez Yönetimi, Post Graduate, 2016 - 2017

Genel Kimya, Under Graduate, 2016 - 2017

Anorganik Kimya III, Under Graduate, 2016 - 2017

Uzmanlık Alan Dersi, Post Graduate, 2016 - 2017

## Advising Theses

Yaşar S., Palladyum N-heterosiklik karben komplekslerinin sentezi ve C-C bağ oluşum reaksiyonlarındaki aktivitelerinin incelenmesi, Post Graduate, F.İMİK(Student), 2019

YAŞAR S., Benzimidazol N-Heterosiklik karben öncülleri ve komplekslerinin sentezi, katalitik aktivitelerinin incelenmesi, Post Graduate, S.ÇEKİRDEK(Student), 2013

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

- I. **Anticancer, antimicrobial and antiparasitical activities of copper(I) complexes based on N-heterocyclic carbene (NHC) ligands bearing aryl substituents**  
Touj N., Al Nasr I. S. , Koko W. S. , Khan T. A. , ÖZDEMİR İ., YAŞAR S., Mansour L., Alresheedi F., Hamdi N.  
JOURNAL OF COORDINATION CHEMISTRY, 2020 (Journal Indexed in SCI)
- II. **Biological Activities of NHC-Pd(II) Complexes Based on Benzimidazolylidene N-heterocyclic Carbene (NHC) Ligands Bearing Aryl Substituents (dagger)**  
Al Nasr I., Touj N., Koko W., Khan T., ÖZDEMİR İ., YAŞAR S., Hamdi N.  
CATALYSTS, vol.10, 2020 (Journal Indexed in SCI)
- III. **Ru(II)-N-heterocyclic carbene complexes: synthesis, characterization, transfer hydrogenation reactions and biological determination**  
Boubakri L., Chakchouk-Mtibaa A., Al-Ayed A. S. , Mansour L., Abutaha N., Harrath A. H. , Mellouli L., ÖZDEMİR İ., YAŞAR S., Hamdi N.  
RSC ADVANCES, vol.9, pp.34406-34420, 2019 (Journal Indexed in SCI)
- IV. **Synthesis and investigation of catalytic activity of phenylene - And biphenylene bridged bimetallic Palladium-PEPPSI complexes**  
Imik F., YAŞAR S., ÖZDEMİR İ.  
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.896, pp.162-167, 2019 (Journal Indexed in SCI)
- V. **Synthesis of bridged palladium-PEPPSI complexes and catalytic studies in C-C cross-coupling reactions**  
Imik F., YAŞAR S., ÖZDEMİR İ.  
INORGANICA CHIMICA ACTA, vol.495, 2019 (Journal Indexed in SCI)
- VI. **Investigation of hybrid-capacitor properties of ruthenium complexes**  
ALTIN S., Oz E., Altundag S., BAYRİ A., Roisnel T., Dorcet V., Bruneau C., ÖZDEMİR İ., YAŞAR S.  
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, vol.43, pp.6840-6851, 2019 (Journal Indexed in SCI)
- VII. **In situ palladium/N-heterocyclic carbene complex catalyzed carbonylative cross-coupling reactions of arylboronic acids with 2-bromopyridine under CO pressure: efficient synthesis of unsymmetrical arylpyridine ketones and their antimicrobial activities**  
Boubakri L., Al-Ayed A. S. , Mansour L., Harrath A. A. , Al-Tamimi J., Ozdemir İ., Yasar S., Hamdi N.  
TRANSITION METAL CHEMISTRY, vol.44, pp.321-328, 2019 (Journal Indexed in SCI)
- VIII. **Synthesis, spectroscopic properties and biological activity of new Cu(I) N-Heterocyclic carbene complexes**  
Touj N., Chakchouk-Mtibaa A., Mansour L., Harrath A. H. , Al-Tamimi J., Mellouli L., Ozdemir İ., Yasar S., Hamdi N.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1181, pp.209-219, 2019 (Journal Indexed in SCI)
- IX. **Preparation and characterization of PEPPSI-palladium N-heterocyclic carbene complexes using benzimidazolium salts catalyzed Suzuki-Miyaura cross coupling reaction and their antitumor and antimicrobial activities**  
Boubakri L., Dridi K., Al-Ayed A. S. , ÖZDEMİR İ., YAŞAR S., Hamdi N.  
JOURNAL OF COORDINATION CHEMISTRY, vol.72, pp.516-527, 2019 (Journal Indexed in SCI)
- X. **Cationic versus anionic Pt complex: The performance analysis of a hybrid-capacitor, DFT calculation and electrochemical properties**  
AKKOÇ M., DEMİREL S., ÖZ E., ALTIN S., BAYRİ A., DORCET V., ROISNEL T., BRUNEAU C., ÖZDEMİR İ., YAŞAR S.  
POLYHEDRON, vol.157, pp.434-441, 2019 (Journal Indexed in SCI)

- XI. **Synthesis and catalytic activity of ionic palladium N-heterocyclic carbene complexes**  
YAŞAR S., Akkoc M., ÖZDEMİR N., ÖZDEMİR İ.  
TURKISH JOURNAL OF CHEMISTRY, vol.43, pp.1622-1641, 2019 (Journal Indexed in SCI)
- XII. **Heterogenization of homogeneous NHC-Pd-pyridine catalysts and investigation of their catalytic activities in Suzuki-Miyaura coupling reactions**  
BOZTEPE C., KÜNKÜL A., YAŞAR S., GÜRBÜZ N.  
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.872, pp.123-134, 2018 (Journal Indexed in SCI)
- XIII. **Protonated water-soluble N-heterocyclic carbene ruthenium(II) complexes: Synthesis, cytotoxic and DNA binding properties and molecular docking study**  
AKKOC M., BALCIOGLU S., GÜRSES C., Tok T. T. , ATEŞ B., YAŞAR S.  
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.869, pp.67-74, 2018 (Journal Indexed in SCI)
- XIV. **Synthesis, characterisation and cytotoxic properties of N-heterocyclic carbene silver(I) complexes**  
YAŞAR Ş., KÖPRÜLÜ T. K. , Tekin S., YAŞAR S.  
INORGANICA CHIMICA ACTA, vol.479, pp.17-23, 2018 (Journal Indexed in SCI)
- XV. **Investigation of potential hybrid capacitor property of chelated N-Heterocyclic carbene Ruthenium(II) complex**  
AKKOÇ M., ÖZ E., DEMIREL S., DORCET V., ROISNEL T., BAYRİ A., BRUNEAU C., ALTIN S., YAŞAR S., ÖZDEMİR İ.  
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.866, pp.214-222, 2018 (Journal Indexed in SCI)
- XVI. **Palladium PEPPSI complexes: Synthesis and catalytic activity on the Suzuki-Miyaura coupling reactions for aryl bromides at room temperature in aqueous media**  
touj N., GÜRBÜZ N., Hamdi N., YAŞAR S., ÖZDEMİR İ.  
INORGANICA CHIMICA ACTA, vol.478, pp.187-194, 2018 (Journal Indexed in SCI)
- XVII. **Sonogashira cross-coupling reaction catalysed by mixed NHC-Pd-PPh<sub>3</sub> complexes under copper free conditions**  
touj N., YAŞAR S., Ozdemir N., Hamdi N., ÖZDEMİR İ.  
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.860, pp.59-71, 2018 (Journal Indexed in SCI)
- XVIII. **Sulfonated N-heterocyclic carbene-silver (I) complexes: Synthesis, characterisation and biological evaluation**  
YAŞAR S., KÖPRÜLÜ T. K. , Tekin S., YAŞAR S.  
APPLIED ORGANOMETALLIC CHEMISTRY, vol.32, 2018 (Journal Indexed in SCI)
- XIX. **Electrical and photoelectrical characterization of organic-inorganic heterostructures based on Ru-N-heterocyclic carbene complexes**  
YAŞAR S., Cekirdek S., Binbay N. E. , Tombak A., Ocak Y. S. , Arslan N., Baysal A., Aydemir M., Durap F.  
OPTIK, vol.156, pp.514-521, 2018 (Journal Indexed in SCI)
- XX. **Sonogashira cross-coupling reaction catalyzed by N-heterocyclic carbene-Pd(II)-PPh<sub>3</sub> complexes under copper free and aerobic conditions**  
Dehimat Z. I. , YAŞAR S., Tebbani D., ÖZDEMİR İ.  
INORGANICA CHIMICA ACTA, vol.469, pp.325-334, 2018 (Journal Indexed in SCI)
- XXI. **N-Heterocyclic carbene-Pd(II)-PPh<sub>3</sub> complexes as a new highly efficient catalyst system for the Sonogashira cross-coupling reaction: Synthesis, characterization and biological activities**  
BOUBAKRI L., MANSOUR L., HARRATH A. H. , ÖZDEMİR İ., YAŞAR S., HAMDI N.  
JOURNAL OF COORDINATION CHEMISTRY, vol.71, pp.183-199, 2018 (Journal Indexed in SCI)
- XXII. **Efficient in situ N-heterocyclic carbene palladium(ii) generated from Pd(OAc)<sub>2</sub> catalysts for carbonylative Suzuki coupling reactions of arylboronic acids with 2-bromopyridine under inert conditions leading to unsymmetrical arylpyridine ketones: synthesis, characterization and cytotoxic activities**  
Touj N., Al-Ayed A. S. , Sauthier M., Mansour L., Harrath A. H. , Al-Tamimi J., ÖZDEMİR İ., YAŞAR S., Hamdi N.  
RSC ADVANCES, vol.8, pp.40000-40015, 2018 (Journal Indexed in SCI)
- XXIII. **Pd-N-Heterocyclic carbene catalysed Suzuki-Miyaura coupling reactions in aqueous medium**  
KARACA E. Ö. , Akkoc M., YAŞAR S., ÖZDEMİR İ.  
ARKIVOC, pp.230-239, 2018 (Journal Indexed in SCI)

- XXIV. **Copper-catalyzed azide-alkyne cycloaddition (CuAAC) under mild condition in water: Synthesis, catalytic application and biological activities**  
Touj N., CHAKCHOUK-MTIBAA A., MANSOUR L., HARRATH A. H. , AL-TAMIMI J. H. , ÖZDEMİR İ., MELLOULI L., YAŞAR S., HAMDI N.  
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.853, pp.49-63, 2017 (Journal Indexed in SCI)
- XXV. **Synthesis of sterically hindered N-benzyladamantyl substituted benzimidazol-2-ylidene palladium complexes and investigation of their catalytic activity in aqueous medium**  
Dehimat Z. I. , PAŞAHAN A., Tebbani D., YAŞAR S., ÖZDEMİR İ.  
TETRAHEDRON, vol.73, pp.5940-5945, 2017 (Journal Indexed in SCI)
- XXVI. **An efficient (NHC) Copper (I)-catalyst for azide-alkyne cycloaddition reactions for the synthesis of 1,2,3-trisubstituted triazoles: Click chemistry**  
Touj N., ÖZDEMİR İ., YAŞAR S., Hamdi N.  
INORGANICA CHIMICA ACTA, vol.467, pp.21-32, 2017 (Journal Indexed in SCI)
- XXVII. **A novel ditopic ring-expanded N-heterocyclic carbene ligand-assisted Suzuki-Miyaura coupling reaction in aqueous media**  
KARACA E. Ö. , AKKOÇ M., TAHIR M. N. , ARICI C., IMIK F., GÜRBÜZ N., YAŞAR S., ÖZDEMİR İ.  
TETRAHEDRON LETTERS, vol.58, pp.3529-3532, 2017 (Journal Indexed in SCI)
- XXVIII. **An Efficient Protocol for Palladium N-Heterocyclic Carbene-Catalysed Suzuki-Miyaura Reaction at room temperature**  
AKKOÇ M., IMIK F., YAŞAR S., DORCET V., roisnel T., BRUNEAU C., ÖZDEMİR İ.  
CHEMISTRYSELECT, vol.2, pp.5729-5734, 2017 (Journal Indexed in SCI)
- XXIX. **Synthesis and catalytic applications of palladium N-heterocyclic carbene complexes as efficient pre-catalysts for Suzuki-Miyaura and Sonogashira coupling reactions**  
BOUBAKRI L., YAŞAR S., DORCET V., ROISNEL T., BRUNEAU C., HAMDI N., ÖZDEMİR İ.  
NEW JOURNAL OF CHEMISTRY, vol.41, pp.5105-5113, 2017 (Journal Indexed in SCI)
- XXX. **A Palladium Catalyst System for the Efficient Cross-Coupling Reaction of Aryl Bromides and Chlorides with Phenylboronic Acid: Synthesis and Biological Activity Evaluation**  
Lamia B., Chakchouk-Mtibaa A., Hallouma B., Mansour L., Mellouli L., ÖZDEMİR İ., YAŞAR S., hamdi N.  
MOLECULES, vol.22, 2017 (Journal Indexed in SCI)
- XXXI. **Novel ruthenium(II)-N-heterocyclic carbene complexes; synthesis, characterization and catalytic application**  
YAŞAR S., KARACA E. Ö. , Sahin C., ÖZDEMİR İ., Sahin O., Buyukgungor O.  
JOURNAL OF ORGANOMETALLIC CHEMISTRY, pp.1-7, 2015 (Journal Indexed in SCI)
- XXXII. **Synthesis, characterization and the Suzuki-Miyaura coupling reactions of N-heterocyclic carbene-Pd(II)-pyridine (PEPPSI) complexes**  
YAŞAR S., Sahin C., Arslan M., ÖZDEMİR İ.  
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.776, pp.107-112, 2015 (Journal Indexed in SCI)
- XXXIII. **Palladium(II)-N-heterocyclic carbene complexes: synthesis, characterization and catalytic application**  
Cekirdek S., Yasar S., ÖZDEMİR İ.  
APPLIED ORGANOMETALLIC CHEMISTRY, vol.28, pp.423-431, 2014 (Journal Indexed in SCI)
- XXXIV. **New Bisbenzimidazolin-2-Ylidene Salts as N-Heterocyclic Dicarbene Precursors: Synthesis, Characterization, and Involvement in Palladium-Catalyzed Suzuki Reactions**  
Yasar S., Cekirdek S., ÖZDEMİR İ.  
HETEROATOM CHEMISTRY, vol.25, pp.157-162, 2014 (Journal Indexed in SCI)
- XXXV. **Synthesis, characterization, and transfer hydrogenation of Ru(II)-N-heterocyclic carbene complexes**  
Yasar S., Cekirdek S., ÖZDEMİR İ.  
JOURNAL OF COORDINATION CHEMISTRY, vol.67, pp.1236-1248, 2014 (Journal Indexed in SCI)
- XXXVI. **An efficient ligand-free method for the transfer hydrogenation of ketones and aldehydes catalyzed by different complexes**  
Yasar S., Cekirdek S., Akkus Tas N., Yildirim S., ÖZDEMİR İ.

- TURKISH JOURNAL OF CHEMISTRY, vol.37, pp.292-298, 2013 (Journal Indexed in SCI)
- XXXVII. **Novel quasi-scorpionate ligand structures based on a bis-N-heterocyclic carbene chelate core: synthesis, complexation and catalysis**  
Yasar S., Cavell K. J. , Ward B. D. , Kariuki B.  
APPLIED ORGANOMETALLIC CHEMISTRY, vol.25, pp.374-382, 2011 (Journal Indexed in SCI)
- XXXVIII. **Pd Functionalized MCM-41 Catalysts for Suzuki Reactions**  
GÜRBÜZ N., Vural S., YAŞAR S., ÖZDEMİR İ., SEÇKİN T.  
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.20, pp.19-25, 2010 (Journal Indexed in SCI)
- XXXIX. **The orthopalladation dinuclear [Pd(L-1)( $\mu$ -OAc)](2), [Pd(L-2)( $\mu$ -OAc)](2) and mononuclear [Pd(L-3)(2)] complexes with [N, C, O] or [N, O] containing ligands: Synthesis, spectral characterization, electrochemistry and catalytic properties**  
Kilic A., Kilinc D., Tas E., Yılmaz İ., Durgun M., ÖZDEMİR İ., YAŞAR S.  
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.695, pp.697-706, 2010 (Journal Indexed in SCI)
- XL. **Palladium-Catalyzed Heck Coupling Reaction of Aryl Bromides in Aqueous Media Using Tetrahydropyrimidinium Salts as Carbene Ligands**  
Yasar S., Ozcan E. Ö. , GÜRBÜZ N., Cetinkaya B., ÖZDEMİR İ.  
MOLECULES, vol.15, pp.649-659, 2010 (Journal Indexed in SCI)
- XLI. **HYDROGENATION OF ACETOPHENONE AND ITS DERIVATIVES WITH 2-PROPANOL USING AMINOMETHYLPHOSPHINE-RUTHENIUM CATALYSIS**  
KELEŞ M., Keles T., Serindag O., YAŞAR S., ÖZDEMİR İ.  
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.185, pp.165-170, 2010 (Journal Indexed in SCI)
- XLII. **Dichlorido[1-(2-methylbenzyl)-3-( $\eta$ (6)-2,4,6-trimethylbenzyl)-1H-2,3-dihydrobenzimidazol-2-ylidene]ruthenium(II) dichloromethane solvate**  
Arslan H., VanDerveer D., YAŞAR S., ÖZDEMİR İ., Cetinkaya B.  
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.65, 2009 (Journal Indexed in SCI)
- XLIII. **1,3-Bis(4-tert-butylbenzyl)-4,5-dihydroimidazolium chloride monohydrate**  
Arslan H., VanDerveer D., YAŞAR S., Oezdemir İ., Cetinkaya B.  
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.65, 2009 (Journal Indexed in SCI)
- XLIV. **1-(2-Phenylbenzyl)-3-(2,4,6-trimethylbenzyl)imidazolidinium bromide**  
Arslan H., VanDerveer D., YAŞAR S., Ozdemir S., Cetinkaya B.  
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.65, 2009 (Journal Indexed in SCI)
- XLV. **Ruthenium N-heterocyclic-carbene catalyzed diarylation of arene C - H bond**  
YAŞAR S., Dogan O., Oezdemir İ., Cetinkaya B.  
APPLIED ORGANOMETALLIC CHEMISTRY, vol.22, pp.314-318, 2008 (Journal Indexed in SCI)
- XLVI. **Benzylic imidazolidinium, 3,4,5,6-tetrahydropyrimidinium and benzimidazolium salts: Applications in ruthenium-catalyzed allylic substitution reactions**  
YAŞAR S., Oezdemir I., Cetinkaya B., Renaud J., Bruneau C.  
EUROPEAN JOURNAL OF ORGANIC CHEMISTRY, vol.2008, pp.2142-2149, 2008 (Journal Indexed in SCI)
- XLVII. **Heck and suzuki reactions of aryl halides catalyzed by 1,3-dialkylimidazolium/palladium**  
YAŞAR S., Oezdemir I., Cetinkaya B.  
CHINESE JOURNAL OF CATALYSIS, vol.29, pp.185-190, 2008 (Journal Indexed in SCI)
- XLVIII. **Polyimide-Supported Dichloro-1,3-bis(p-dimethylaminobenzyl)benzimidazolidin-2-ylidene ruthenium (II) as Effective Catalyst for Hydrosilylation Reactions**  
Koeytepe S., SEÇKİN T., YAŞAR S., Oezdemir İ.  
DESIGNED MONOMERS AND POLYMERS, vol.11, pp.409-422, 2008 (Journal Indexed in SCI)
- XLIX. **Dichlorido[1-(2-methylbenzyl)-3-(2,4,6-trimethylbenzyl)imidazolidin-2-ylidene]ruthenium(II)**  
ARSLAN H., VANDERVEER D., Yasar S., Ozdemir I., CETINKAYA B.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.63, 2007 (Journal Indexed in SCI)

- L. **Dichlorido[1-(3,5-dimethylbenzyl)-3-(2,4,6-trimethylbenzyl)imidazolidin-2-ylidene]ruthenium(II)**  
Arslan H., VanDerveer D., Yasar S., Ozdemir I., Cetinkaya B.  
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.63, 2007 (Journal Indexed in SCI)
- LI. **Dichloride [1-(2,4,6-trimethylbenzyl)-3-(biphenyl-2-ylmethyl)-imidazolidin-2-ylidene (eta(6)-hexamethylbenzene)]ruthenium**  
ARSLAN H., VAN DERVEER D., Ozdemir I., Yasar S., CETINKAYA B.  
TURKISH JOURNAL OF CHEMISTRY, vol.30, pp.535-541, 2006 (Journal Indexed in SCI)
- LII. **In-situ generated functionalized benzimidazol-2-ylidene-palladium catalyst for Suzuki reaction**  
Ozdemir I., Gok Y., Gurbuz N., Yasar S., CETINKAYA E., CETINKAYA B.  
POLISH JOURNAL OF CHEMISTRY, vol.78, pp.2141-2147, 2004 (Journal Indexed in SCI)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Antikanser Ajanlar Olarak Rh-N-Heterosiklik Karben Kompleksleri**  
ÖZDEMİR İ., Slimani I., GÜRBÜZ N., YAŞAR S., ŞAHİN BÖLÜKBAŞI S., Naceur H.  
VII. Ulusal Anorganik Kimya Kongresi Uluslararası Katılımlı, Çorum, Turkey, 19 - 22 June 2019
- II. **Ag-N-Heterosiklik Karben Kompleksleri.**  
GÜRBÜZ N., Slimani I., YAŞAR S., ŞAHİN BÖLÜKBAŞI S., ÖZDEMİR İ., Naceur H.  
VII. Ulusal Anorganik Kimya Kongresi Uluslararası Katılımlı, Çorum, Turkey, 19 - 22 June 2019
- III. **Antitümör Aktiviteye Sahip Ag-N-Heterosiklik Karben Kompleksleri**  
YAŞAR S., Dehimat Z. I. , KARACA E. Ö. , GÜRBÜZ N., ŞAHİN BÖLÜKBAŞI S., Tebbanı D., ÖZDEMİR İ.  
VII. Ulusal Anorganik Kimya Kongresi Uluslararası Katılımlı, Çorum, Turkey, 19 - 22 June 2019
- IV. **Tetrahidropirimidin-Rh Komplekslerinin Sentezi ve Özellikleri**  
ÖZDEMİR İ., nawaz z., KARACA E. Ö. , YAŞAR S., GÜRBÜZ N.  
VII. Ulusal Anorganik Kimya Kongresi (Uluslararası Katılımlı), Çorum, Turkey, 19 - 21 June 2019
- V. **İridyum N-Heterosiklik Karben Komplekslerinin Sentezi ve C-H Bağ Aktivasyon Reaksiyonlarındaki Aktivitesinin İncelenmesi**  
YAŞAR S., KARACA E. Ö. , GÜRBÜZ N., ÖZDEMİR İ.  
VII. Ulusal Anorganik Kimya Kongresi (Uluslararası Katılımlı), Çorum, Turkey, 19 - 21 June 2019
- VI. **İmidazolidin-Ir Komplekslerinin Sentezi ve Özellikleri**  
GÜRBÜZ N., Slimani I., KARACA E. Ö. , YAŞAR S., ÖZDEMİR İ.  
VII. Ulusal Anorganik Kimya Kongresi (Uluslararası Katılımlı), Çorum, Turkey, 19 - 21 June 2019
- VII. **Ring -Expanded NHC-copper catalysed azide-alkyn cycloaddition reaction**  
YAŞAR S., akkoç m., imik f., ÖZDEMİR İ.  
4th Anatolian School of Catalysis, 11 - 14 September 2017
- VIII. **Pd-NHC catalysed Suzuki-Miyaura Cross-Coupling Reactions**  
YAŞAR S., fatma i., akkoç m., ÖZDEMİR İ.  
4th Anatolian School of Catalysis, 11 - 14 September 2017
- IX. **Ruthenium catalysed C-H bond Activation**  
YAŞAR S., akkoç m., ÖZDEMİR İ.  
4th Anatolian School of Catalysis, 11 - 14 September 2017
- X. **An efficient one-pot synthesis of triazoles by copper(I) catalyzed azide-alkyne cycloaddition (CuAAC) reaction under mild conditions in water:synthesis, characterization and biological activities**  
Touj N., ChakchoukMtibaa A., Mellouli L., ÖZDEMİR İ., YAŞAR S., Hamdi N.  
JCO 2017, 7 - 20 September 2017
- XI. **Coupling reactions of arylhalides and phenylboronic acid catalyzed by PEPSI complexes**  
Boubakri L., YAŞAR S., ÖZDEMİR İ., Hamdi N.  
JCO 2017, 7 - 10 September 2017
- XII. **Sonogashira Reaction of Aryl Halides with Terminal Alkynes Catalysed By New Palladium Triphenylphosphine Complexes**

Touj N., Yaşar S., GÜRBÜZ N., Hamdi N., ÖZDEMİR İ.

Third International Green Catalysis Symposium & Advanced Spring School on Green Chemistry, Rennes, France, 23 March - 24 April 2017, pp.73

- XIII. **Palladium N-Heterocyclic Carbene Complexes Catalysed Suzuki-Miyaura Cross-Coupling at Room Temperature in Green Solvents**  
Touj N., Yaşar S., GÜRBÜZ N., Hamdi N., ÖZDEMİR İ.  
Third International Green Catalysis Symposium & Advanced Spring School on Green Chemistry, Rennes, France, 23 March - 24 April 2017, pp.71
- XIV. **Sonogashira Reaction of Aryl Halides with Terminal Alkynes Catalysed By New Palladium Triphenylphosphine Complexes**  
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- XV. **Suzuki-Miyaura Cross-Coupling Reactions Catalyzed by Sterically Bulky NHCPd(PEPPSI) Complexes in Water**  
Dehimat Z. I., Yaşar S., GÜRBÜZ N., Tebbani D., ÖZDEMİR İ.  
Third International Green Catalysis Symposium & Advanced Spring School on Green Chemistry, Rennes, France, 23 March - 24 April 2017, pp.74
- XVI. **Sonogashira reactions of aryl halides with terminal alkynes catalysed by new palladium triphenylphosphine complexes**  
Touj N., YAŞAR S., GÜRBÜZ N., Hamdi N., ÖZDEMİR İ.  
International Green Catalysis Symposium 2017, 23 - 24 March 2017
- XVII. **Palladium N-heterocyclic carbene complexes catalysed The Suzuki Miyaura cross coupling at room temperature in green solvents**  
Touj N., YAŞAR S., GÜRBÜZ N., Hamdi N., ÖZDEMİR İ.  
International Green Catalysis Symposium 2017, 23 - 24 March 2017
- XVIII. **Palladium N-Heterocyclic Carbene Complexes Catalysed Suzuki-Miyaura Cross-Coupling at Room Temperature in Green Solvents**  
Touj N., Yaşar S., GÜRBÜZ N., Hamdi N., ÖZDEMİR İ.  
Third International Green Catalysis Symposium & Advanced Spring School on Green Chemistry, Rennes, France, 23 March - 24 April 2017, pp.71
- XIX. **New Benzyladamantyl Substituted N-Heterocyclic Carbene-Pd(II)-PPh<sub>3</sub> Complex Catalyzed Sonogashira Coupling Reaction**  
Dehimat Z. I., Yaşar S., GÜRBÜZ N., Tebbani D., ÖZDEMİR İ.  
Third International Green Catalysis Symposium & Advanced Spring School on Green Chemistry, Rennes, France, 23 March - 24 April 2017, pp.70
- XX. **Suzuki-Miyaura Cross-Coupling Reactions catalysed By Sterically bulky Palladium NHCPdPEPPSI complexes in water**  
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- XXI. **New Benzyladamantyl substituted N-heterocyclic carbene -Pd(II)-PPh<sub>3</sub> complex catalysed Sonogashira coupling reaction**  
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Third International Green Catalysis Symposium & Advanced Spring School on Green Chemistry, Rennes, France, 23 March - 24 April 2017, pp.70
- XXIII. **Suzuki-Miyaura Cross-Coupling Reactions Catalyzed by Sterically Bulky NHCPd(PEPPSI) Complexes in Water**

Dehimat Z. I., Yaşar S., GÜRBÜZ N., Tebbani D., ÖZDEMİR İ.

Third International Green Catalysis Symposium & Advanced Spring School on Green Chemistry, Rennes, France, 23 March - 24 April 2017, pp.74

- XXIV. **Copper N heterocyclic carbene complex catalyzed click reaction for synthesis of triazoles**  
Touj N., YAŞAR S., ÖZDEMİR İ., Naceur H.  
TCC 2016, Tunisia, 19 - 22 December 2016
- XXV. **N Heterocyclic carbenes palladium complexes catalyzed Szuki Miyaura and Sonogashira Cross Coupling Reactions catalyzed cross coupling reactions**  
Boubakri L., YAŞAR S., ÖZDEMİR İ., Naceur H.  
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- XXVI. **Synthesis of Hydrogel Supported NHC Pd II Catalytic Systems and Suzuki Miyaura Coupling Reactions Kinetics**  
BOZTEPE C., YAŞAR S., KÜNKÜL A., ÖZDEMİR İ.  
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- XXVII. **Synthesis and Catalytic Properties of Palladium-NHCPh<sub>3</sub>Complexes**  
KARACA E. Ö. , YAŞAR S., GÜRBÜZ N., ÖZDEMİR İ.  
42nd International Conference on Coordination Chemistry, Brest, France, 3 - 08 July 2016, pp.502
- XXVIII. **Synthesis and Catalytic Properties of Palladium-NHCPh<sub>3</sub>Complexes**  
KARACA E. Ö. , YAŞAR S., GÜRBÜZ N., ÖZDEMİR İ.  
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- XXIX. **Alkylation Reaction Catalyzed by Ruthenium-N-Heterocyclic Carbene Complexes**  
YAŞAR S., ÖZDEMİR İ., KARACA E. Ö.  
42nd International Conference on Coordination Chemistry, Brest, France, 3 - 08 July 2016, pp.506
- XXX. **Alkylation Reaction Catalyzed by Ruthenium-N-Heterocyclic Carbene Complexes**  
YAŞAR S., ÖZDEMİR İ., KARACA E. Ö.  
42nd International Conference on Coordination Chemistry, Brest, France, 3 - 08 July 2016, pp.506
- XXXI. **SYNTHESIS AND CATALYTIC PROPERTIES OF PALLADIUM NHC PPh<sub>3</sub> COMPLEXES**  
KARACA E. Ö. , YAŞAR S., GÜRBÜZ N., ÖZDEMİR İ.  
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- XXXIV. **N-Alkylation Reaction with Functionalized Ionic Liquids**  
GÜRBÜZ N., KARACA E. Ö. , YAŞAR S., ÖZDEMİR İ.  
NCC6-The 6th CATALYSIS CONFERENCE, Bursa, Turkey, 27 - 30 April 2016, pp.189
- XXXV. **Özdemir direct arylation with palladium NHC complexes**  
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- XXXVII. **Direct Arylation with Palladium-NHC Complexes**  
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- XXXVIII. **Direct Arylation with Palladium-NHC Complexes**  
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NCC6-The 6th CATALYSIS CONFERENCE, Bursa, Turkey, 27 - 30 April 2016, pp.179



- XXXIX. **N alkylation reaction with functionalized ionic liquids**  
GÜRBÜZ N., KARACA E. Ö. , YAŞAR S., ÖZDEMİR İ.  
NCC6-the 6th Catalysis Conference, Bursa, Turkey, 27 - 30 April 2016
- XL. **Synthesis and insitu catalytic application of 7-BER-NHC ligans on Suzuki reaction**  
YAŞAR S., KARACA E. Ö. , GÜRBÜZ N., ÖZDEMİR İ.  
NCC6-The 6th CATALYSIS CONFERENCE, Bursa, Turkey, 27 - 30 April 2016, pp.152
- XLI. **N Alkylation Reaction with Functionalized Ionic Liquids**  
GÜRBÜZ N., KARACA E. Ö. , YAŞAR S., ÖZDEMİR İ.  
NCC6 - The 6th Catalysis Conference, Bursa, Turkey, 27 - 30 April 2016
- XLII. **synthesis and insitu catalytic aplicacation of 7 BER NHC ligands on Suzuki reaction**  
YAŞAR S., KARACA E. Ö. , GÜRBÜZ N., ÖZDEMİR İ.  
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- XLIII. **N-Alkylation Reaction with Functionalized Ionic Liquids**  
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- XLIV. **Synthesis and insitu catalytic aplication of 7 BER NHC ligands on suzuki reaction**  
YAŞAR S., KARACA E. Ö. , GÜRBÜZ N., ÖZDEMİR İ.  
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- XLV. **N-Alkylation Reaction with Functionalized Ionic Liquids**  
GÜRBÜZ N., KARACA E. Ö. , YAŞAR S., ÖZDEMİR İ.  
NCC6-The 6th CATALYSIS CONFERENCE, Bursa, Turkey, 27 - 30 April 2016, pp.189
- XLVI. **Synthesis and insitu catalytic application of 7-BER-NHC ligans on Suzuki reaction**  
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- XLVII. **Synthesis and insitu catalytic application of 7-BER-NHC ligans on Suzuki reaction**  
YAŞAR S., KARACA E. Ö. , GÜRBÜZ N., ÖZDEMİR İ.  
NCC6-The 6th CATALYSIS CONFERENCE, Bursa, Turkey, 27 - 30 April 2016, pp.152
- XLVIII. **Copper N heterocyclic carbene complex catalyzed click reaction for synthesis organic compounds**  
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- LI. **Genişlemiş Halkalı İridyum N Heterosiklik Karben Komplekslerin Sentezi ve Karakterizasyonu**  
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- LII. **Palladyum/Azolyum Katalizli Suzuki ve Heck Eşleşme Tepkimesi**  
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- LIII. **Palladyum/Azolyum Katalizli Suzuki ve Heck Eşleşme Tepkimesi**  
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ORGANOMETALİK KİMYA VE KATALİZ ÇALIŞTAYI, Malatya, Turkey, 16 - 17 May 2010, pp.24
- LV. **KARBEN KATALİZLİ HİDROJEN TRANSFERİ İLE KETONLARIN İNDİRGENMESİ**  
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- LVII. **KARBEN KATALİZLİ HİDROJEN TRANSFERİ İLE KETONLARIN İNDİRGENMESİ**  
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