

Prof. NEVİN GÜRBÜZ

Personal Information

Office Phone: [+90 0422 377 4197](tel:+9004223774197)

Email: nevin.gurbuz@inonu.edu.tr

Web: <https://avesis.inonu.edu.tr/nevin.gurbuz>

International Researcher IDs

ScholarID: ZAV7lwAAAAJ

ORCID: 0000-0003-3201-3597

Publons / Web Of Science ResearcherID: A-3069-2016

ScopusID: 6602553450

Yoksis Researcher ID: 5417

Education Information

Doctorate, Inonu University, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 1996 - 2002

Postgraduate, Inonu University, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 1992 - 1995

Undergraduate, Inonu University, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 1988 - 1992

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Chemistry, Inorganic Chemistry, Catalysis, Metal Carbene Complexes, Organometallic Chemistry, Natural Sciences

Academic Titles / Tasks

Professor, Inonu University, Fen-Edebiyat Fakültesi, Kimya, 2011 - Continues

Associate Professor, Inonu University, Fen-Edebiyat Fakültesi, Kimya, 2013 - 2016

Research Assistant, Inonu University, Fen-Edebiyat Fakültesi, Kimya, 1993 - 2013

Academic and Administrative Experience

Manager of Research and Application Center, Inonu University, 2014 - Continues

Rectorate Commissioner, Inonu University, Fen-Edebiyat Fakültesi, Kimya, 2008 - 2016

Courses

BİTİRME ÇALIŞMASI, Undergraduate, 2013-2014

GENEL KİMYA LAB., Undergraduate, 2013-2014

ANORGANİK KİMYA LAB., Undergraduate, 2013-2014
ANORGANİK BİLEŞİKLERİN AYRILMASI, Undergraduate Double Major, 2013-2014
METALLER KİMYASI, Undergraduate, 2013-2014
GENEL KİMYA II, Undergraduate, 2012-2013
ANORGANİK KİMYA III, Undergraduate, 2012-2013
ANORGANİK KİMYA II, Undergraduate, 2012-2013
ANORGANİK KİMYA I, Undergraduate, 2012-2013
METALLER KİMYASI, Undergraduate, 2012-2013
ANORGANİK KİMYA LAB., Undergraduate, 2011-2012
METALLER KİMYASI, Undergraduate, 2011-2012
GENEL KİMYA II, Undergraduate, 2011-2012
ANORGANİK KİMYA I, Undergraduate, 2011-2012
ANORGANİK KİMYA II, Undergraduate, 2011-2012
ANORGANİK BİLEŞİKLERİN AYRILMASI, Undergraduate Double Major, 2011-2012
BİTİRME ÇALIŞMASI, Undergraduate, 2011-2012
GENEL KİMYA II, Undergraduate, 2010-2011
BİTİRME ÇALIŞMASI, Undergraduate, 2010-2011
METALLER KİMYASI, Undergraduate, 2010-2011
ANORGANİK KİMYA LAB., Undergraduate, 2010-2011
GENEL KİMYA, Undergraduate, 2010-2011
ANORGANİK TEKNOLOJİ, Undergraduate, 2010-2011
GENEL KİMYA II, Undergraduate, 2010-2011
ANORGANİK KİMYA I, Undergraduate, 2010-2011
ANORGANİK KİMYA III, Undergraduate, 2010-2011
GENEL KİMYA LAB., Undergraduate, 2010-2011
GENEL KİMYA, Undergraduate, 2010-2011
ANORGANİK KİMYA II, Undergraduate, 2010-2011
ANORGANİK BİLEŞİKLERİN AYRILMASI, Undergraduate Double Major, 2009-2010
ANORGANİK KİMYA LAB., Undergraduate, 2009-2010
ANORGANİK TEKNOLOJİ, Undergraduate, 2009-2010
GENEL KİMYA, Undergraduate, 2009-2010
METALLER KİMYASI, Undergraduate, 2009-2010
ANORGANİK BİLEŞİKLERİN AYRILMASI, Undergraduate Double Major, 2008-2009
GENEL KİMYA, Undergraduate, 2008-2009

Advising Theses

GÜRBÜZ N., KÜNKÜL A., Homojen Katalizörlerin Heterojenleştirilmesi ve Özelliklerinin İncelenmesi, Doctorate, C.Boztepe(Student), 2017
GÜRBÜZ N., Ni, Pd N-heterosiklik karben kompleksleri ve özellikleri, Doctorate, D.KILINÇ(Student), 2016
GÜRBÜZ N., Tetrahidropirimidin içeren karben öncüllerinin sentezi ve özellikleri, Doctorate, E.ÖZGE(Student), 2015
GÜRBÜZ N., Metal katalizli süstitüye amin sentezi, Postgraduate, Z.ŞAHİN(Student), 2014
GÜRBÜZ N., Karben katalizörlüğünde ketonların indirgenmesi, Postgraduate, E.ÖZGE(Student), 2009

Published journal articles indexed by SCI, SSCI, and AHCI

- Synthesis, characterisation, anticancer and antimicrobial activity of Ag-N-heterocyclic carbene complexes containing benzimidazole derivatives**

Karci H., DüNDAR M., Nawaz Z., Özdemir İ., Gürbüz N., Koç A., Özdemir İ., Mansour L., Hamdi N.

INORGANICA CHIMICA ACTA, vol.565, pp.121992, 2024 (SCI-Expanded)

- II. **Benzimidazol-2-ylidene ruthenium complexes for C–N bond formation through alcohol dehydrogenation**
Nawaz Z., Gürbüz N., Naveed M., Özdemir N., Cetinkaya B., Özdemir İ.
Turkish Journal of Chemistry, vol.47, no.5, pp.1209-1223, 2023 (SCI-Expanded)
- III. **Synthesis, antimicrobial activity and molecular docking study of benzyl functionalized benzimidazole silver(I) complexes**
Arı E., Şahin N., Üstün E., Dündar M., Karci H., Özdemir İ., Koç A., Gürbüz N., Özdemir İ.
JBIC Journal of Biological Inorganic Chemistry, vol.28, pp.725-736, 2023 (SCI-Expanded)
- IV. **N-alkylbenzimidazole silver(I) complexes: Synthesis, biological evaluation and molecular docking study**
Arı E., Şahin N., Üstün E., Dündar M., Karcı H., Özdemir İ., Koç A., Gürbüz N., Özdemir İ.
POLYHEDRON, no. 1873-3719, pp.1873-3719, 2023 (SCI-Expanded)
- V. **Synthesis, crystal structure, DFT studies and catalytic activity of an N-(2,2-dimethyl-1,3-dioxolane-4-yl-methyl)benzimidazole ruthenium(II) hydrate complex**
Özdemir N., Karabekmez F. D., Karaca E. Ö., Gürbüz N., Özdemir İ.
JOURNAL OF MOLECULAR STRUCTURE, vol.1281, pp.1281, 2023 (SCI-Expanded)
- VI. **Novel benzimidazolium salts and their silver(I)-N-heterocyclic carbene complexes: synthesis, characterization and their biological properties**
Belhi Z., Karci H., Dündar M., Gürbüz N., Özdemir İ., Koç A., Cherit A., Özdemir İ.
JOURNAL OF COORDINATION CHEMISTRY, vol.76, no.1, pp.120-133, 2023 (SCI-Expanded)
- VII. **A benzimidazolium salt as effective corrosion inhibitor against the corrosion of mild steel in acidic medium: experimental and theoretical studies**
ŞAHİN N., KAYA S., Aydın O., Katin K. P., Chaouiki A., GÜRBÜZ N., ÖZDEMİR İ., FARSAK M.
JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.36, no.23-24, pp.2665-2687, 2022 (SCI-Expanded)
- VIII. **Vinyl functionalized 5,6-dimethylbenzimidazolium salts: Synthesis and biological activities**
Karaca E. Ö., Bingöl Z., Gürbüz N., Özdemir İ., Gülçin İ.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, no.-, pp.23255-23263, 2022 (SCI-Expanded)
- IX. **Synthesis, crystal structures, DFT calculations, and catalytic application in hydrosilylation of acetophenone derivatives with triethylsilane of novel rhodium-N-heterocyclic carbene (NHCs) complex**
Hassen S., Zouaghi M. O., Slimani I., Arfaoui Y., ÖZDEMİR N., ÖZDEMİR İ., GÜRBÜZ N., Mansour L., Gatri R., Hamdi N.
JOURNAL OF MOLECULAR STRUCTURE, vol.1265, 2022 (SCI-Expanded)
- X. **Crystal structure, optical properties, spectroscopic characterization and density functional theory studies of a new rhodium (i)-imidazolidin-2-ylidene complexes: Synthesis, characterization and cytotoxic properties**
KARACA E. Ö., ÇİFTÇİ O., ÖZDEMİR İ., KARABIYIK H., KARABIYIK H., Guerbuez N., ÖZDEMİR İ., Mansour L., Youssef A., Hamdi N.
INORGANICA CHIMICA ACTA, vol.537, 2022 (SCI-Expanded)
- XI. **Benzimidazole-based N-heterocyclic carbene silver complexes as catalysts for the formation of carbonates from carbon dioxide and epoxides**
Nawaz Z., Ullah H., Gurbuz N., Zafar M. N., Verpoort F., Tahir M. N., ÖZDEMİR İ., Trovitch R. J.
MOLECULAR CATALYSIS, vol.526, 2022 (SCI-Expanded)
- XII. **Synthesis, characterization, crystal structure, Hirshfeld surface analysis, and theoretical study on a N-heterocyclic carbene salt and two NHC-palladium complexes**
ÖZDEMİR N., KALOĞLU M., Kaloglu N., GÜRBÜZ N., ÖZDEMİR İ.
INORGANIC AND NANO-METAL CHEMISTRY, vol.52, no.4, pp.493-504, 2022 (SCI-Expanded)
- XIII. **Substituted N-heterocyclic carbene PEPPSI-type palladium complexes with different N-coordinated ligands: Involvement in the direct C–H bond activation of heteroarenes derivatives with aryl bromide and their antimicrobial, anti-inflammatory and antioxidant activities**
Slimani I., Boubakri L., Ozdemir N., Mansour L., Ozdemir İ., Gurbuz N., Yasar S., Sauthier M., Hamdi N.

INORGANICA CHIMICA ACTA, vol.532, 2022 (SCI-Expanded)

- XIV. **New benzimidazolium N-heterocyclic carbene precursors and their related Pd-NHC complex PEPPSI-type: Synthesis, structures, DFT calculations, biological activity, docking study, and catalytic application in the direct arylation**
Sandeli A. E., Boulebd H., Khiri-Meribout N., Benzerka S., Bensouici C., ÖZDEMİR N., GÜRBÜZ N., ÖZDEMİR İ.
JOURNAL OF MOLECULAR STRUCTURE, vol.1248, 2022 (SCI-Expanded)
- XV. **Highly Efficient Single A(3)-Coupling (Aldehyde-Amine-Alkyne) Reaction Catalyzed by Air Stable Silver-(N-Heterocyclic Carbene) Complexes: Synthesis and Characterization**
Hamdi N., Mnasri A., S. Al Nasr I., S. Koko W., Khan T. A., ÖZDEMİR İ., GÜRBÜZ N.
POLYCYCLIC AROMATIC COMPOUNDS, 2022 (SCI-Expanded)
- XVI. **Antimicrobial activity, inhibition of biofilm formation, and molecular docking study of novel Ag-NHC complexes**
ŞAHİN N., Ustun E., TUTAR U., ÇELİK C., GÜRBÜZ N., ÖZDEMİR İ.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.954, 2021 (SCI-Expanded)
- XVII. **Rhodium(I) complexes with N-heterocyclic carbene ligands: synthesis, biological properties and catalytic activity in the hydrosilylation of aromatic ketones**
Hamdi N., Slimani I., Mansour L., Alresheedi F., ÖZDEMİR İ., GÜRBÜZ N.
JOURNAL OF COORDINATION CHEMISTRY, vol.74, no.15, pp.2558-2579, 2021 (SCI-Expanded)
- XVIII. **Synthesis, characterization, antimicrobial and antibiofilm activity, and molecular docking analysis of NHC precursors and their Ag-NHC complexes**
ÜSTÜN E., ŞAHİN N., ÇELİK C., TUTAR U., Ozdemir N., GÜRBÜZ N., ÖZDEMİR İ.
DALTON TRANSACTIONS, vol.50, no.42, pp.15400-15412, 2021 (SCI-Expanded)
- XIX. **Direct arylation (hetero-coupling) of heteroarenes via unsymmetrical palladium-PEPPSI-NHC type complexes**
Nawaz Z., Gürbüz N., Zafar M. N., Tahir M. N., Ashfaq M., Karci H., Özdemir İ.
POLYHEDRON, vol.208, 2021 (SCI-Expanded)
- XX. **N-Heterocyclic carbene-palladium-PEPPSI complexes and their catalytic activity in the direct C-H bond activation of heteroarene derivatives with aryl bromides: synthesis, and antimicrobial and antioxidant activities**
Hamdi N., Slimani I., Mansour L., Alresheedi F., Gurbuz N., Ozdemir İ.
NEW JOURNAL OF CHEMISTRY, vol.45, no.45, pp.21248-21262, 2021 (SCI-Expanded)
- XXI. **Synthesis of new Pd(NHC)-PEPPSI type complexes as catalysts toward C-C cross-coupling reactions**
Nawaz Z., Gürbüz N., Zafar M. N., Özdemir N., Habib U., Jan K., Özdemir İ.
JOURNAL OF MOLECULAR STRUCTURE, vol.1243, 2021 (SCI-Expanded)
- XXII. **The direct C(sp²)-H functionalization and coupling of aromatic N-heterocycles with (hetero)aryl bromides by [PdX₂(imidazolidin-2-ylidene)(Py)] catalysts**
Kaloğlu M., Slimani I., Özdemir N., Gürbüz N., Hamdi N., Özdemir İ.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.951, 2021 (SCI-Expanded)
- XXIII. **Synthesis, structures, DFT calculations, and catalytic application in the direct arylation of five-membered heteroarenes with aryl bromides of novel palladium-N-heterocyclic carbene PEPPSI-type complexes**
Sandeli A. E., Khiri-Meribout N., Benzerka S., Boulebd H., Gürbüz N., Özdemir N., Özdemir İ.
NEW JOURNAL OF CHEMISTRY, vol.45, no.38, pp.17878-17892, 2021 (SCI-Expanded)
- XXIV. **Silver (I)-N-heterocyclic carbene complexes: Synthesis and characterization, biological evaluation of Anti-Cholinesterase, anti-alpha-amylase, anti-lipase, and antibacterial activities, and molecular docking study**
Sandeli A. E., Khiri-Meribout N., Benzerka S., GÜRBÜZ N., DÜNDAR M., Karci H., Bensouici C., Mokrani E. H., ÖZDEMİR İ., KOÇ A., et al.
INORGANICA CHIMICA ACTA, vol.525, 2021 (SCI-Expanded)
- XXV. **Silver-N-heterocyclic carbene complexes-catalyzed multicomponent reactions: Synthesis, spectroscopic characterization, density functional theory calculations, and antibacterial study**

- Mnasri A., Mejri A., Al-Hazmy S. M., Arfaoui Y., Özdemir İ., Gürbüz N., Hamdi N.
ARCHIV DER PHARMAZIE, vol.354, no.9, 2021 (SCI-Expanded)
- XXVI. **PEPPSI type complexes: Synthesis, x-ray structures, spectral studies, molecular docking and theoretical investigations**
SERDAROĞLU G., ŞAHİN N., Ustun E., Tahir M. N., Arici C., GÜRBÜZ N., ÖZDEMİR İ.
POLYHEDRON, vol.204, 2021 (SCI-Expanded)
- XXVII. **New silver N-heterocyclic carbenes complexes: Synthesis, molecular docking study and biological activities evaluation as cholinesterase inhibitors and antimicrobials**
Lasmari S., Ikhlef S., Boulcina R., Mokrani E. H., Bensouici C., GÜRBÜZ N., Dundar M., Karci H., ÖZDEMİR İ., KOÇ A., et al.
JOURNAL OF MOLECULAR STRUCTURE, vol.1238, 2021 (SCI-Expanded)
- XXVIII. **Half-sandwich Ru(II) arene complexes bearing benzimidazole ligands for the N-alkylation reaction of aniline with alcohols in a solvent-free medium**
Cicek M., GÜRBÜZ N., ÖZDEMİR N., ÖZDEMİR İ., İSPİR E.
NEW JOURNAL OF CHEMISTRY, vol.45, no.25, pp.11075-11085, 2021 (SCI-Expanded)
- XXIX. **A new PEPPSI type N-heterocyclic carbene palladium(II) complexes and its efficiency as a catalyst for Mizoroki-Heck cross-coupling reactions in water : Synthesis, Characterization and their antimicrobial and Cytotoxic activities**
Mnasri A., Al-Ayed A. S., Ozdeir I., Gürbüz N., Naceur H.
JOURNAL OF MOLECULAR STRUCTURE, vol.1234, 2021 (SCI-Expanded)
- XXX. **Synthesis of [PdBr₂(benzimidazole-2-ylidene)(pyridine)] complexes and their catalytic activity in the direct C-H bond activation of 2-substituted heterocycles**
Lasmari S., Gürbüz N., Boulcina R., Özdemir N., Özdemir İ.
POLYHEDRON, vol.199, 2021 (SCI-Expanded)
- XXXI. **Synthesis, in vitro anticancer activities, and quantum chemical investigations on 1,3-bis-(2-methyl-2-propenyl)benzimidazolium chloride and its Ag(I) complex**
SERDAROĞLU G., ŞAHİN BÖLÜKBAŞI S., Barut-Celepçi D., SEVİNÇEK R., ŞAHİN N., GÜRBÜZ N., ÖZDEMİR İ.
JOURNAL OF CHEMICAL RESEARCH, vol.45, pp.596-607, 2021 (SCI-Expanded)
- XXXII. **Ru(II)-NHC catalysed N-Alkylation of amines with alcohols under solvent-free conditions**
KARACA E. Ö., Dehimat Z. I., YAŞAR S., GÜRBÜZ N., Tebbani D., Cetinkaya B., ÖZDEMİR İ.
INORGANICA CHIMICA ACTA, vol.520, 2021 (SCI-Expanded)
- XXXIII. **Pd-PEPPSI: X-ray Structure, Spectroscopic Analyses, and Quantum Mechanical Studies**
Kilic-Cikla I., ŞAHİN N., ÖZDEMİR N., GÜRBÜZ N., ÖZDEMİR İ.
RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY A, vol.95, 2021 (SCI-Expanded)
- XXXIV. **Rhodium(i) N-heterocyclic carbene complexes: synthesis and cytotoxic properties**
Slimani I., Şahin Bölükbaşı S., Ulu M., Evren E., Gürbüz N., Özdemir İ., Hamdi N., Özdemir İ.
NEW JOURNAL OF CHEMISTRY, vol.45, no.11, pp.5176-5183, 2021 (SCI-Expanded)
- XXXV. **Synthesis, characterization and catalytic activity of PEPPSI-type palladium-NHC complexes**
Slimani I., Mansour L., ÖZDEMİR İ., GÜRBÜZ N., Hamdi N.
INORGANICA CHIMICA ACTA, vol.515, 2021 (SCI-Expanded)
- XXXVI. **Novel N-Heterocyclic Carbene Silver(I) Complexes: Synthesis, Structural Characterization, Antimicrobial and Cytotoxicity Potential Studies**
Slimani I., Chakchouk-Mtibaa A., Mellouli L., Mansour L., ÖZDEMİR İ., GÜRBÜZ N., Hamdi N.
JOURNAL OF THE BRAZILIAN CHEMICAL SOCIETY, vol.31, no.10, pp.2058-2070, 2020 (SCI-Expanded)
- XXXVII. **Reduction hydrogenation of imines by in situ generated rhodium NHC complexes**
KARACA E. Ö., Dusunceli S., GÜRBÜZ N., ÖZDEMİR İ.
JOURNAL OF MOLECULAR STRUCTURE, vol.1216, 2020 (SCI-Expanded)
- XXXVIII. **Azo-azomethine based palladium(II) complexes as catalysts for the Suzuki-Miyaura cross-coupling reaction**
Sunbul A. B., Inan A., Kose M., Evren E., GÜRBÜZ N., ÖZDEMİR İ., İkiz M., Dag A. K., Ispir E.
JOURNAL OF MOLECULAR STRUCTURE, vol.1216, 2020 (SCI-Expanded)

- XXXIX. **Silver(I) N-heterocyclic carbene complexes: Synthesis, characterization and cytotoxic properties**
GÜRBÜZ N., Kaloğlu N., Kızrak Ü., ÖZDEMİR İ., Türkmen N. B., Çiftçi O., Özdemir İ., Mansour L., Naceur H.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.923, 2020 (SCI-Expanded)
- XL. **Silver(I) N-heterocyclic carbene complexes: Synthesis, characterization and cytotoxic properties**
Gürbüz N., Kaloğlu N., Kızrak Ü., Özdemir İ., Başak Türkmen N., Çiftçi O., Özdemir İ., Mansour L., Naceur H.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.1, no.923, pp.1-8, 2020 (SCI-Expanded)
- XLI. **First used of Alkylbenzimidazole-Cobalt(II) complexes as a catalyst for the N -Alkylation of amines with alcohols under solvent -free medium**
ŞAHİN N., Yildirim I., ÖZDEMİR N., GÜRBÜZ N., ÖZDEMİR İ.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.918, 2020 (SCI-Expanded)
- XLII. **Hydrogel supported vinylimidazole based PEPPSI-Pd-NHC catalysts: The catalytic activities in Heck and Suzuki-Miyaura coupling reactions**
BOZTEPE C., KÜNKÜL A., GÜRBÜZ N.
JOURNAL OF MOLECULAR STRUCTURE, vol.1209, 2020 (SCI-Expanded)
- XLIII. **Synthesis, characterization and antitumor properties of novel silver(I) and gold(I) N-heterocyclic carbene complexes**
ÖZDEMİR İ., ÇİFTÇİ O., Evren E., GÜRBÜZ N., Kaloğlu N., BAŞAK TÜRKMEN N., YAŞAR Ş., ÜSTÜN E., Hamdi N., Mansour L., et al.
INORGANICA CHIMICA ACTA, vol.506, 2020 (SCI-Expanded)
- XLIV. **Synthesis, characterization, biological determination and catalytic evaluation of ruthenium(ii) complexes bearing benzimidazole-based NHC ligands in transfer hydrogenation catalysis**
Slimani I., Chakchouk-Mtibaa A., Mansour L., Mellouli L., Ozdemir İ., Gurbuz N., Hamdi N.
NEW JOURNAL OF CHEMISTRY, vol.44, no.14, pp.5309-5323, 2020 (SCI-Expanded)
- XLV. **Synthesis, structural characterization of silver(I)-NHC complexes and their antimicrobial, antioxidant and antitumor activities**
Slimani I., Mansour L., Abutaha N., Harrath A. H., Al-Tamimi J., Gürbüz N., Ozdemir İ., Hamdi N.
Journal of King Saud University - Science, vol.32, no.2, pp.1544-1554, 2020 (SCI-Expanded)
- XLVI. **Arylation of heterocyclic compounds by benzimidazole-based N-heterocyclic carbene-palladium(II) complexes**
ŞAHİN N., GÜRBÜZ N., KARABIYIK H., KARABIYIK H., ÖZDEMİR İ.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.907, 2020 (SCI-Expanded)
- XLVII. **Well-defined PEPPSI-themed palladium-NHC complexes: synthesis, and catalytic application in the direct arylation of heteroarenes**
KALOĞLU M., GÜRBÜZ N., Yildirim I., ÖZDEMİR N., ÖZDEMİR İ.
APPLIED ORGANOMETALLIC CHEMISTRY, vol.34, no.2, 2020 (SCI-Expanded)
- XLVIII. **Ruthenium(II) complexes bearing N-heterocyclic carbene ligands with wingtip groups and their catalytic activity in the transfer hydrogenation of ketones**
YİĞİT B., Isik Y., CELEPCİ D. B., Evren E., YİĞİT M., GÜRBÜZ N., ÖZDEMİR İ.
INORGANICA CHIMICA ACTA, vol.499, 2020 (SCI-Expanded)
- XLIX. **Active ruthenium(II)-NHC complexes for alkylation of amines with alcohols using solvent-free conditions**
YİĞİT B., KARACA E. Ö., YİĞİT M., GÜRBÜZ N., ARSLAN H., ÖZDEMİR İ.
POLYHEDRON, vol.175, 2020 (SCI-Expanded)
- L. **The kinetics and mechanism of polymer-based NHC-Pd-pyridine catalyzed heterogeneous Suzuki reaction in aqueous media**
BOZTEPE C., KÜNKÜL A., GÜRBÜZ N., ÖZDEMİR İ.
INTERNATIONAL JOURNAL OF CHEMICAL KINETICS, vol.51, no.12, pp.931-942, 2019 (SCI-Expanded)
- LI. **Ruthenium(II)-NHC-catalyzed (NHC = perhydrobenzimidazol-2-ylidene) alkylation of amines using the hydrogen borrowing methodology under solvent-free conditions**
Yigit M., KARACA E. Ö., Yigit B., GÜRBÜZ N., ÖZDEMİR İ.
TRANSITION METAL CHEMISTRY, vol.44, no.6, pp.565-573, 2019 (SCI-Expanded)

- LII. **Platinum (II) N-heterocyclic carbene complexes: Synthesis, characterization and cytotoxic properties**
KARACA E. Ö., Ciftci O., ÖZDEMİR İ., Yakali G., Aygun M., GÜRBÜZ N., ÖZDEMİR İ.
APPLIED ORGANOMETALLIC CHEMISTRY, vol.33, no.7, 2019 (SCI-Expanded)
- LIII. **Synthesis, characterization and anticancer activity of allyl substituted N-Heterocyclic carbene silver(I) complexes**
ŞAHİN N., ŞAHİN BÖLÜKBAŞI S., Tahir M. N., Arici C., Cevik E., GÜRBÜZ N., ÖZDEMİR İ., Cummings B. S.
JOURNAL OF MOLECULAR STRUCTURE, vol.1179, pp.92-99, 2019 (SCI-Expanded)
- LIV. **Amine-functionalized silver and gold N-heterocyclic carbene complexes: Synthesis, characterization and antitumor properties**
Kızrak U., ÇİFTÇİ O., ÖZDEMİR İ., GÜRBÜZ N., DEMİR DÜŞÜNCELİ S., KALOĞLU M., Mansour L., Zaghrouba F., Hamdi N., ÖZDEMİR İ.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.882, pp.26-32, 2019 (SCI-Expanded)
- LV. **Novel N-heterocyclic carbene silver(I) complexes: Synthesis, structural characterization, and anticancer activity**
ŞAHİN BÖLÜKBAŞI S., ŞAHİN N., Tahir M. N. F., Arici C., Cevik E., GÜRBÜZ N., ÖZDEMİR İ., Cummings B. S.
INORGANICA CHIMICA ACTA, vol.486, pp.711-718, 2019 (SCI-Expanded)
- LVI. **Novel N-Alkylbenzimidazole-Ruthenium (II) complexes: Synthesis and catalytic activity of N-alkylating reaction under solvent-free medium**
ŞAHİN N., ÖZDEMİR N., GÜRBÜZ N., ÖZDEMİR İ.
APPLIED ORGANOMETALLIC CHEMISTRY, vol.33, no.2, 2019 (SCI-Expanded)
- LVII. **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 (SCI-Expanded)
- LVIII. **A new class of well-defined ruthenium catalysts for enantioselective transfer hydrogenation of various ketones**
Kayan C., Meric N., RAFIKOVA K., ZAZYBIN A., GÜRBÜZ N., Karakaplan M., Aydemir M.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.869, pp.37-47, 2018 (SCI-Expanded)
- LIX. **Palladium PEPSI complexes: Synthesis and catalytic activity on the Suzuki-Miyaura coupling reactions for aryl bromides at room temperature in aqueous media**
toui N., GÜRBÜZ N., Hamdi N., YAŞAR S., ÖZDEMİR İ.
INORGANICA CHIMICA ACTA, vol.478, pp.187-194, 2018 (SCI-Expanded)
- LX. **Ruthenium(II)-(p-cymene)-N-Heterocyclic Carbene Complexes for the N-Alkylation of Amine Using the Green Hydrogen Borrowing Methodology**
KALOĞLU M., GÜRBÜZ N., SEMERİL D., ÖZDEMİR İ.
EUROPEAN JOURNAL OF INORGANIC CHEMISTRY, no.10, pp.1236-1243, 2018 (SCI-Expanded)
- LXI. **Ruthenium(η^6,η^1 -arene-CH₂-NHC) Catalysts for Direct Arylation of 2-Phenylpyridine with (Hetero)Aryl Chlorides in Water**
KALOĞLU N., ÖZDEMİR İ., GÜRBÜZ N., Arslan H., DIXNEUF P. H.
MOLECULES, vol.23, no.3, 2018 (SCI-Expanded)
- LXII. **Alkylation of cyclic amines with alcohols catalyzed by Ru(II) complexes bearing N-Heterocyclic carbenes**
DOĞAN ULU Ö., GÜRBÜZ N., ÖZDEMİR İ.
TETRAHEDRON, vol.74, no.6, pp.645-651, 2018 (SCI-Expanded)
- LXIII. **Synthesis, spectral, X-ray diffraction and DFT studies on 1-(2-methyl-2-propenyl)-3-(2,3,4,5,6-pentamethylbenzyl)benzimidazolium chloride hydrate**
ŞAHİN N., Kilic-Cikla I., Ozdemir N., GÜRBÜZ N., ÖZDEMİR İ.
MOLECULAR CRYSTALS AND LIQUID CRYSTALS, vol.664, no.1, pp.109-123, 2018 (SCI-Expanded)
- LXIV. **New functional chiral P-based ligands and application in ruthenium-catalyzed enantioselective transfer hydrogenation of ketones**
MERİÇ N., KAYAN C., GÜRBÜZ N., KARAKAPLAN M., Binbay N. E., AYDEMİR M.

TETRAHEDRON-ASYMMETRY, vol.28, no.12, pp.1739-1749, 2017 (SCI-Expanded)

- LXV. **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, no.36, pp.3529-3532, 2017 (SCI-Expanded)
- LXVI. **Palladium(II) N-heterocyclic carbene complexes as catalysts for the direct arylation of pyrrole derivatives with aryl chlorides**
Yigit B., GÜRBÜZ N., Yigit M., Dagdeviren Z., ÖZDEMİR İ.
INORGANICA CHIMICA ACTA, vol.465, pp.44-49, 2017 (SCI-Expanded)
- LXVII. **Ring-expanded iridium and rhodium N-heterocyclic carbene complexes: a comparative DFT study of heterocycle ring size and metal center diversity**
KARACA E. Ö., Akkoc M., Oz E., Altin S., Dorcet V., Roisnel T., Gurbuz N., Celik O., Bayri A., Bruneau C., et al.
JOURNAL OF COORDINATION CHEMISTRY, vol.70, no.7, pp.1270-1284, 2017 (SCI-Expanded)
- LXVIII. **Synthesis of palladium complexes derived from imidazolidin-2-ylidene ligands and used for catalytic amination reactions**
KARACA E. Ö., GÜRBÜZ N., ŞAHİN O., BÜYÜKGÜNGÖR O., ÖZDEMİR İ.
APPLIED ORGANOMETALLIC CHEMISTRY, vol.30, no.12, pp.1050-1055, 2016 (SCI-Expanded)
- LXIX. **Benzimidazolium sulfonate ligand precursors and application in ruthenium-catalyzed aromatic amine alkylation with alcohols**
KALOGLU N., ÖZDEMİR İ., GÜRBÜZ N., ACHARD M., BRUNEAU C.
CATALYSIS COMMUNICATIONS, vol.74, pp.33-38, 2016 (SCI-Expanded)
- LXX. **Catalytic activity of Ru/tetrahydropyrimidinium salts system for transfer hydrogenation reactions**
KARACA E. Ö., GÜRBÜZ N., Arslan H., VanDerveer D., ÖZDEMİR İ.
APPLIED ORGANOMETALLIC CHEMISTRY, vol.29, no.7, pp.475-480, 2015 (SCI-Expanded)
- LXXI. **N-Alkylation and N,C-Dialkylation of Amines with Alcohols in the Presence of Ruthenium Catalysts with Chelating N-Heterocyclic Carbene Ligands**
SAHIN Z., GÜRBÜZ N., ÖZDEMİR İ., Sahin O., Buyukgungor O., ACHARD M., BRUNEAU C.
ORGANOMETALLICS, vol.34, no.11, pp.2296-2304, 2015 (SCI-Expanded)
- LXXII. **Palladium Complexes with Tetrahydropyrimidin-2-ylidene Ligands: Catalytic Activity for the Direct Arylation of Furan, Thiophene, and Thiazole Derivatives**
KARACA E. Ö., GÜRBÜZ N., ÖZDEMİR İ., DOUCET H., Sahin O., Buyukgungor O., Cetinkaya B.
ORGANOMETALLICS, vol.34, no.11, pp.2487-2493, 2015 (SCI-Expanded)
- LXXIII. **Synthesis, crystal structures, magnetic properties and Suzuki and Heck coupling catalytic activities of new coordination polymers containing tetracyanopalladate(II) anions**
Senocak A., Karadag A., Yerli Y., GÜRBÜZ N., ÖZDEMİR İ., ŞAHİN E.
POLYHEDRON, vol.49, no.1, pp.50-60, 2013 (SCI-Expanded)
- LXXIV. **Ruthenium, rhodium and iridium complexes of the furfuryl-2-(N-diphenylphosphino)methylamine ligand: Molecular structure and catalytic activity**
Kayan C., Meric N., Aydemir M., Baysal A., Elma D., Ak B., ŞAHİN E., GÜRBÜZ N., ÖZDEMİR İ.
POLYHEDRON, vol.42, no.1, pp.142-148, 2012 (SCI-Expanded)
- LXXV. **Preparation of a series of Ru(II) complexes with N-heterocyclic carbene ligands for the catalytic transfer hydrogenation of aromatic ketones**
GÜRBÜZ N., Ozcan E. Ö., ÖZDEMİR İ., Cetinkaya B., Sahin O., Buyukgungor O.
DALTON TRANSACTIONS, vol.41, no.8, pp.2330-2339, 2012 (SCI-Expanded)
- LXXVI. **Comparison of Reproductive Toxicity Caused by Cisplatin and Novel Platinum-N-Heterocyclic Carbene Complex in Male Rats**
ÇİFTÇİ O., BEYTUR A., ÇAKIR O., GÜRBÜZ N., VARDI N.
BASIC & CLINICAL PHARMACOLOGY & TOXICOLOGY, vol.109, no.5, pp.328-333, 2011 (SCI-Expanded)
- LXXVII. **Novel platinum-N-heterocyclic carbene complex is more cardiotoxic than cis-platin in rats**
ÇİFTÇİ O., ÖZDEMİR İ., VARDI N., GÜRBÜZ N.
HUMAN & EXPERIMENTAL TOXICOLOGY, vol.30, no.9, pp.1342-1349, 2011 (SCI-Expanded)

- LXXVIII. **In situ catalytic activities of 1,3-dialkyltetrahydropyrimidinium salts/[RuCl₂(p-cymene)](2) system for transfer hydrogenation reactions**
Ozcan E. Ö., Mercan D., GÜRBÜZ N., Cetinkaya E., Cetinkaya B., ÖZDEMİR İ.
TURKISH JOURNAL OF CHEMISTRY, vol.35, no.5, pp.699-709, 2011 (SCI-Expanded)
- LXXIX. **Synthesis and antimicrobial activity of Ag(I)-N-heterocyclic carbene complexes derived from benzimidazol-2-ylidene**
ÖZDEMİR İ., GÜRBÜZ N., DOĞAN O., GÜNAL S., ÖZDEMİR İ.
APPLIED ORGANOMETALLIC CHEMISTRY, vol.24, no.11, pp.758-762, 2010 (SCI-Expanded)
- LXXX. **Transfer Hydrogenation of Ketones by Ruthenium Complexes Bearing Benzimidazol-2-ylidene Ligands**
GÜRBÜZ N., Yasar S., Ozcan E. Ö., ÖZDEMİR İ., Cetinkaya B.
EUROPEAN JOURNAL OF INORGANIC CHEMISTRY, no.19, pp.3051-3056, 2010 (SCI-Expanded)
- LXXXI. **Synthesis and Antimicrobial Activity of Novel Ag-N-Heterocyclic Carbene Complexes**
ÖZDEMİR İ., Ozcan E. Ö., GÜNAL S., GÜRBÜZ N.
MOLECULES, vol.15, no.4, pp.2499-2508, 2010 (SCI-Expanded)
- LXXXII. **Synthesis and characterization of ether-derivatized aminophosphines and their application in C-C coupling reactions**
Biricik N., Kayan C., Gumgum B., Fei Z., Scopelliti R., Dyson P. J., GÜRBÜZ N., ÖZDEMİR İ.
INORGANICA CHIMICA ACTA, vol.363, no.5, pp.1039-1047, 2010 (SCI-Expanded)
- LXXXIII. **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, no.1, pp.19-25, 2010 (SCI-Expanded)
- LXXXIV. **New 1,2,4,5-tetrakis-(N-imidazoliummethyl)benzene and 1,2,4,5-tetrakis(N-benzimidazoliummethyl)benzene salts as N-heterocyclic tetracarbene precursors: synthesis and involvement in ruthenium-catalyzed allylation reactions**
GÜRBÜZ N., Demir S., ÖZDEMİR İ., Cetinkaya B., BRUNEAU C.
TETRAHEDRON, vol.66, no.6, pp.1346-1351, 2010 (SCI-Expanded)
- LXXXV. **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, no.2, pp.649-659, 2010 (SCI-Expanded)
- LXXXVI. **Synthesis and characterization of new (N-diphenylphosphino)-isopropylanilines and their complexes: crystal structure of (Ph₂P = S)NH-C₆H₄-4-CH(CH₃)(2) and catalytic activity of palladium(II) complexes in the Heck and Suzuki cross-coupling reactions**
Aydemir M., Baysal A., GÜRBÜZ N., ÖZDEMİR İ., GUMGUM B., ÖZKAR S., Caylak N., Yildirim L. T.
APPLIED ORGANOMETALLIC CHEMISTRY, vol.24, no.1, pp.17-24, 2010 (SCI-Expanded)
- LXXXVII. **Preparation and Catalytic Properties of a Ru(II) Coordinated Polyimide Supported by a Ligand Containing Terpyridine Units**
SEÇKİN T., ÖZDEMİR İ., Koytepe S., GÜRBÜZ N.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.19, no.2, pp.143-151, 2009 (SCI-Expanded)
- LXXXVIII. **Synthesis, Characterization and Catalytic Activity of New N-Heterocyclic Bis(carbene)ruthenium Complexes**
ÖZDEMİR İ., Demir S., GÜRBÜZ N., Cetinkaya B., TOUPET L., BRUNEAU C., DIXNEUF P. H.
EUROPEAN JOURNAL OF INORGANIC CHEMISTRY, no.13, pp.1942-1949, 2009 (SCI-Expanded)
- LXXXIX. **New Functionalized N-Heterocyclic Carbene Ligands for Arylation of Benzaldehydes**
Dogan O., Guerbuez N., Oezdemir İ., Cetinkaya B.
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.46, no.2, pp.186-190, 2009 (SCI-Expanded)
- XC. **1,3-Bis(2-thienylmethyl)-4,5-dihydroimidazolium trichlorido(eta(6)-p-cymene) ruthenate(II)**
Arslan H., VanDerveer D., Oezdemir I., Guerbuez N., Goek Y., Cetinkaya B.

ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.65, 2009 (SCI-Expanded)

- XCII. **Mono- and dinuclear Pd(II) complexes of different salicylaldimine ligands as catalysts of transfer hydrogenation of nitrobenzene with cyclohexene and Suzuki-Miyaura coupling reactions**
Tas E., Kilic A., Durgun M., Yilmaz I., ÖZDEMİR İ., GÜRBÜZ N.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.694, no.3, pp.446-454, 2009 (SCI-Expanded)
- XCIII. **1,3-Bis(thiophen-2-ylmethyl)-3,4,5,6-tetrahydropyrimidinium trichlorido(eta(6)-p-cymene)ruthenate(II)**
Arslan H., VanDerveer D., ÖZDEMİR İ., GÜRBÜZ N., GÖK Y., Cetinkaya B.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.65, 2009 (SCI-Expanded)
- XCIV. **Synthesis, characterization and catalytic activity of novel N-heterocyclic carbene-palladium complexes**
DOĞAN O., GÜRBÜZ N., ÖZDEMİR İ., Cetinkaya B., Sahin O., Buyukgungor O.
DALTON TRANSACTIONS, no.35, pp.7087-7093, 2009 (SCI-Expanded)
- XCV. **Synthesis of new aminophosphine complexes and their catalytic activities in C-C coupling reactions**
Biricik N., Durap F., Kayan C., Guemguema B., Guerbuez N., Oezdemir İ., Ang W. H., Fei Z., Scopelliti R.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.693, no.16, pp.2693-2699, 2008 (SCI-Expanded)
- XCVI. **Palladium N-heterocyclic carbene catalysts for synthesis of diaryl ethers**
AKKOÇ M., GÜRBÜZ N., Cetinkaya E., ÖZDEMİR İ.
SYNLETT, no.12, pp.1781-1784, 2008 (SCI-Expanded)
- XCVII. **Novel assemblies of Sn(II) coordinated polyimide supported by a ligand containing N-Heterocyclic phenantroline unit**
KÖYTEPE S., GÜRBÜZ N., ÖZDEMİR İ., SEÇKİN T.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.18, no.2, pp.290-295, 2008 (SCI-Expanded)
- XCVIII. **N-functionalized azolin-2-ylidene-palladium-catalyzed Heck reaction**
Oezdemir I., Guerbuez N., Goek Y., Cetinkaya B.
HETEROATOM CHEMISTRY, vol.19, no.1, pp.82-86, 2008 (SCI-Expanded)
- XCVIII. **Palladium N-heterocyclic-carbene-catalyzed ortho-arylation of benzaldehyde derivatives**
DOĞAN O., GÜRBÜZ N., ÖZDEMİR İ., Cetinkaya B.
HETEROATOM CHEMISTRY, vol.19, no.6, pp.569-574, 2008 (SCI-Expanded)
- XCIX. **Application of N,N-bis(diphenylphosphino) aniline palladium(II) complexes as pre-catalysts in Heck coupling reactions**
GUEMGUEM B., BIRICIK N., DURAP F., Oezdemir I., Guerbuez N., ANG W. H., DYSON P. J.
APPLIED ORGANOMETALLIC CHEMISTRY, vol.21, no.8, pp.711-715, 2007 (SCI-Expanded)
- C. **Benzimidazolylidene carbene ligated palladium catalysis of the heck reaction in aqueous media**
Oezdemir I., Goek Y., Guerbuez N., CETINKAYA B.
TURKISH JOURNAL OF CHEMISTRY, vol.31, no.4, pp.397-402, 2007 (SCI-Expanded)
- CI. **Regioselective allylic alkylation and etherification catalyzed by in situ generated N-heterocyclic carbene ruthenium complexes**
Gurbuz N., Ozdemir I., CETINKAYA B., RENAUD J., DEMERSEMAN B., BRUNEAU C.
TETRAHEDRON LETTERS, vol.47, no.4, pp.535-538, 2006 (SCI-Expanded)
- CII. **Palladium-catalyzed Suzuki-Miyaura reaction of aryl chlorides in aqueous media using tetrahydrodiazepinium salts as carbene ligands**
Ozdemir I., Gurbuz N., GOK Y., CETINKAYA E., CETINKAYA B.
SYNLETT, no.15, pp.2394-2396, 2005 (SCI-Expanded)
- CIII. **Benzimidazolin-2-ylidene-palladium-catalysed coupling reactions of aryl halides**
Gok Y., Gurbuz N., Ozdemir I., CETINKAYA B., CETINKAYA E.
APPLIED ORGANOMETALLIC CHEMISTRY, vol.19, no.7, pp.870-874, 2005 (SCI-Expanded)
- CIV. **1,4,5,6-tetrahydropyrimidinium halides ligands for Suzuki-Miyaura cross-coupling of unactivated aryl chlorides**
Alici B., Ozdemir I., Gurbuz N., CETINKAYA E., CETINKAYA B.

HETEROCYCLES, vol.65, no.6, pp.1439-1446, 2005 (SCI-Expanded)

- CV. **Synthesis of silica-supported rhodium carbene complex as efficient catalyst for the addition of phenylboronic acid to aldehydes**
Ozdemir I., Gurbuz N., Seckin T., CETINKAYA B.
APPLIED ORGANOMETALLIC CHEMISTRY, vol.19, no.5, pp.633-638, 2005 (SCI-Expanded)
- CVI. **Rhodium-benzimidazolidin-2-ylidene catalyzed addition of arylboronic acids to aldehydes**
Ozdemir I., Gurbuz N., Gok Y., CETINKAYA B., CETINKAYA E.
TRANSITION METAL CHEMISTRY, vol.30, no.3, pp.367-371, 2005 (SCI-Expanded)
- CVII. **Selective palladium-catalyzed arylation(s) of benzaldehyde derivatives by N-heterocarbene ligands**
Gurbuz N., Ozdemir I., CETINKAYA B.
TETRAHEDRON LETTERS, vol.46, no.13, pp.2273-2277, 2005 (SCI-Expanded)
- CVIII. **Synthesis of Ru(II) complex with 3-(4,5-dihydroimidazol-1-yl)propyltriethoxysilane containing viologen group**
Gurbuz N., Seckin T., Ozdemir I., CETINKAYA B.
RUSSIAN JOURNAL OF COORDINATION CHEMISTRY, vol.31, no.3, pp.170-173, 2005 (SCI-Expanded)
- CIX. **In situ preparation of palladium N-heterocyclic carbene complexes and use for Suzuki reaction**
Ozdemir I., Gok Y., Gurbuz N., CETINKAYA E., CETINKAYA B.
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.42, no.2, pp.303-306, 2005 (SCI-Expanded)
- CX. **Synthesis of Pd(II) 1-alkylperimidine complexes as efficient catalysts for Suzuki reactions involving arylchlorides**
Ozdemir I., Alici B., Gurbuz N., CETINKAYA B., CETINKAYA E.
RUSSIAN JOURNAL OF COORDINATION CHEMISTRY, vol.31, no.2, pp.142-145, 2005 (SCI-Expanded)
- CXI. **In-situ generated 1-alkylimidazoline-palladium catalyst for the Suzuki cross-coupling reaction of aryl chlorides**
Ozdemir I., SAHIN N., Gurbuz N., Demir S., Gok Y., CETINKAYA B., GETINKAYA E.
SYNTHESIS AND REACTIVITY IN INORGANIC METAL-ORGANIC AND NANO-METAL CHEMISTRY, vol.35, no.7, pp.541-544, 2005 (SCI-Expanded)
- CXII. **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 (SCI-Expanded)
- CXIII. **Polyimides from a novel monomer 3,6-bis(dimethylamino) acridine(p-cymene)dichlororuthenium(II) for a catalytic application**
Seckin T., Koytepe S., Ozdemir I., Gurbuz N., CETINKAYA B.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.14, no.3, pp.177-190, 2004 (SCI-Expanded)
- CXIV. **In situ generated palladium catalysts bearing 1,3-dialkylperimidin-2-ylidene ligands for Suzuki reactions of aryl chlorides**
Ozdemir I., Alici B., Gurbuz N., CETINKAYA E., CETINKAYA B.
JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL, vol.217, pp.37-40, 2004 (SCI-Expanded)
- CXV. **Palladium-catalyzed Suzuki-Miyaura reaction using saturated N-heterocarbene ligands**
Ozdemir I., CETINKAYA B., Demir S., Gurbuz N.
CATALYSIS LETTERS, vol.97, pp.37-40, 2004 (SCI-Expanded)
- CXVI. **Surface modification of inorganic oxide particles with a carbene complex of palladium: A recyclable catalyst for the Suzuki reaction**
Gurbuz N., Ozdemir I., Seckin T., CETINKAYA B.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.14, no.2, pp.149-159, 2004 (SCI-Expanded)
- CXVII. **Improved palladium-catalyzed coupling reactions of aryl halides using saturated N-heterocarbene ligands**
Gurbuz N., Ozdemir I., Demir S., CETINKAYA B.
JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL, vol.209, pp.23-28, 2004 (SCI-Expanded)

- CXVIII. **Synthesis and catalytic properties of 1-alkyl-2-imidazolineruthenium(II) complexes**
Ozdemir I., CETINKAYA B., Demir S., CETINKAYA E., Gurbuz N., CICEK M.
APPLIED ORGANOMETALLIC CHEMISTRY, vol.18, no.1, pp.15-18, 2004 (SCI-Expanded)
- CXIX. **Suzuki-Miyaura reaction of unactivated aryl chlorides using benzimidazol-2-ylidene ligands**
Ozdemir I., Gok Y., Gurbuz N., CETINKAYA E., CETINKAYA B.
SYNTHETIC COMMUNICATIONS, vol.34, no.22, pp.4135-4144, 2004 (SCI-Expanded)
- CXX. **Palladium-catalyzed Suzuki reaction using 1,3-dialkylbenzimidazol-2-ylidene ligands in aqueous media**
Ozdemir I., Gok Y., Gurbuz N., CETINKAYA E., CETINKAYA B.
HETEROATOM CHEMISTRY, vol.15, no.6, pp.419-423, 2004 (SCI-Expanded)
- CXXI. **Silica-supported 3-4,5-dihydroimidazol-1-yl-propyltriethoxysilanedichloropalladium(II) complex: Heck and Suzuki cross-coupling reactions**
Gurbuz N., Ozdemir I., CETINKAYA B., Seckin T.
APPLIED ORGANOMETALLIC CHEMISTRY, vol.17, no.10, pp.776-780, 2003 (SCI-Expanded)
- CXXII. **Synthesis and immobilization of N-heterocyclic carbene complexes of Ru(II): catalytic activity and recyclability for the furan formation**
CETINKAYA B., GURBUZ N., SECKIN T., Ozdemir I.
JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL, vol.184, pp.31-38, 2002 (SCI-Expanded)

Articles Published in Other Journals

- I. **From Synthesis to Biological Impact of Ru (II) Complexes: Preparation, Characterization, Antimicrobial, Antioxidant scavenging and Enzymatic inhibitory activities**
Amri N., Mukhrish Y. E., Gatri R., GÜRBÜZ N., ÖZDEMİR İ., Khaireddine D., Naceur H.
EGYPTIAN JOURNAL OF CHEMISTRY, vol.66, no.5, pp.0-214, 2023 (ESCI)
- II. **Experimental and Quantum Mechanical Investigation of N-heterocyclic Carbene Palladium Complex: Synthesis and Antibacterial Activity**
Slimani I., Zouaghi M. O., Jebli N., Youssef A., ÖZDEMİR N., ÖZDEMİR İ., GÜRBÜZ N., Mansour L., Dridi K., Naceur H.
BIOINTERFACE RESEARCH IN APPLIED CHEMISTRY, vol.12, no.6, pp.7804-7816, 2022 (ESCI)
- III. **Yeni Molibden Karben Komplekslerinin Sentezi**
GÜRBÜZ N., ÖZDEMİR İ., Çetinkaya B.
Fırat Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.13, no.3, pp.399-404, 2010 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Novel N-Heterocyclic Carbene Silver (I) Complexes: Synthesis, Structural Characterization, Antimicrobial, Antioxidant and Cytotoxicity Potential Studies**
Slimani I., Dridi K., Özdemir İ., Gürbüz N., Naceur H.
in: Carbene, Satyen Saha, Arunava Manna, Editor, Books on Demand , London, pp.95-112, 2022

Refereed Congress / Symposium Publications in Proceedings

- I. **Fonksiyonel Benzimidazolyum Tuzları ve Biyolojik Özellikleri**
Karci H., Dündar M., Özdemir İ., Gürbüz N., Koç A., Özdemir İ.
34. Ulusal Kimya Kongresi, Yalova, Turkey, 1 - 06 September 2022, pp.388
- II. **Yeni Ag-NHC Kompleksleri ve Özellikleri**
Evren E., Karci H., Dündar M., Özdemir İ., Gürbüz N., Koç A., Özdemir İ.
34. Ulusal Kimya Kongresi, Yalova, Turkey, 1 - 06 September 2022, pp.320

- III. **Gümüş Karben Komplekslerinin Antimikrobiyal Özellikleri**
Karci H., Dünder M., Özdemir İ., Gürbüz N., Koç A., Özdemir İ.
34. Ulusal Kimya Kongresi, Şanlıurfa, Turkey, 1 - 06 September 2022, pp.389
- IV. **Ag-NHC COMPLEX WITH ANTIMICROBIAL POTENTIAL**
Karci H., Dünder M., Özdemir İ., Gürbüz N., Koç A., Özdemir İ.
INTERNATIONAL GOBEKLITEPE APPLIED SCIENCES CONGRESS-IV, Şanlıurfa, Turkey, 9 - 11 September 2022, pp.24-25
- V. **ANTIMICROBIAL PROPERTIES OF BENZIMIDAZOLIUM SALTS**
Karci H., Dünder M., Özdemir İ., Gürbüz N., Koç A., Özdemir İ.
INTERNATIONAL GOBEKLITEPE APPLIED SCIENCES CONGRESS-IV, Şanlıurfa, Turkey, 9 - 11 September 2022, pp.26-27
- VI. **EFFECT OF SILVER CARBEN COMPLEX ON VARIOUS miRNA EXPRESSION PROFILES ON A549 LUNG CANCER CELL LINE**
ŞAHİN Y., CANKARA F. N., ÇİFTÇİ O., DOĞAN M. F., SEÇME M., Evren E., GÜRBÜZ N., ÖZDEMİR İ.
26th National and 1st International Pharmacology Congress, Turkey, 4 - 06 November 2021, pp.295-296
- VII. **ETİLASETAL FONKSİYONLU GÜMÜŞ KARBEN KOMPLEKSLERİN ANTİMİKROBİYAL ÖZELLİKLERİ KARAKTERİZASYONU**
Karci H., Dünder M., Özdemir İ., Gürbüz N., Koç A., Özdemir İ.
VIII. Ulusal Anorganik Kimya Kongresi, Tekirdağ, Turkey, 2 - 05 September 2021, pp.101
- VIII. **FONKSİYONEL BENZİMİDAZOLYUM TUZLARI VE BİYOLOJİK ÖZELLİKLERİ**
Karci H., Dünder M., Özdemir İ., Gürbüz N., Koç A., Özdemir İ.
VIII. Ulusal Anorganik Kimya Kongresi, Tekirdağ, Turkey, 2 - 05 September 2021, pp.104
- IX. **Direct arylation of Heteroarenes via Palladium-PEPSI-NHC type Complexes**
Karaca E. Ö., Evren E., Gürbüz N., Özdemir İ.
NCC-8 National Catalysis Congress, Ankara, Turkey, 9 - 12 September 2021, pp.94
- X. **BENZIMIDAZOLIUM SALT AND BIOLOGICAL PROPERTIES**
Karci H., Dünder M., Gürbüz N., Özdemir İ., Koç A.
XXXI. NATIONAL CONGRESS OF THE TURKISH BIOCHEMICAL SOCIETY 2020, Gaziantep, Turkey, 18 - 20 December 2020, pp.30
- XI. **Benzimidazolium Salt and their Biological Properties**
Karci H., Dünder M., Özdemir İ., Gürbüz N., Koç A.
3rd International Conference on Physical Chemistry and Functional Materials (PCFM'20), Malatya, Turkey, 22 - 24 September 2020, pp.25
- XII. **Silver N-Heterocyclic Carbene Complexes and their Antibacterial Properties**
Karci H., Dünder M., Özdemir İ., Gürbüz N., Koç A.
3rd International Conference on Physical Chemistry and Functional Materials, Malatya, Turkey, 22 - 24 September 2020, pp.26
- XIII. **Yeni sentezlenen gümüş karben bileşiklerinin sitotoksik ve antimikrobiyal aktivitelerinin araştırılması**
BAŞAK TÜRKMEN N., ÇİFTÇİ O., GÜRBÜZ N., ÖZDEMİR İ.
4.international hippocrates congress on medical and health sciences, 25 - 26 September 2020
- XIV. **Antikanser Ajanlar Olarak Rh-N-Heterosiklik Karben Kompleksleri**
ÖZDEMİR İ., Sımanlı I., GÜRBÜZ N., YAŞAR S., ŞAHİN BÖLÜKBAŞI S., Naceur H.
VII. Ulusal Anorganik Kimya Kongresi Uluslararası Katılımlı, Çorum, Turkey, 19 - 22 June 2019
- XV. **Ag-N-Heterosiklik Karben Kompleksleri.**
GÜRBÜZ N., Sımanlı I., YAŞAR S., ŞAHİN BÖLÜKBAŞI S., ÖZDEMİR İ., Naceur H.
VII. Ulusal Anorganik Kimya Kongresi Uluslararası Katılımlı, Çorum, Turkey, 19 - 22 June 2019
- XVI. **Antitümör Aktiviteye Sahip Ag-N-Heterosiklik Karben Kompleksleri**
YAŞAR S., Dehimat Z. I., KARACA E. Ö., GÜRBÜZ N., ŞAHİN BÖLÜKBAŞI S., Tebban D., ÖZDEMİR İ.
VII. Ulusal Anorganik Kimya Kongresi Uluslararası Katılımlı, Çorum, Turkey, 19 - 22 June 2019
- XVII. **İmidazolidin-İr 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
- XVIII. **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
- XIX. **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
- XX. **Yeni Paladyum(II)-NHC Komplekslerinin Arilasyon Tepkimelerindeki Katalitik Aktivitesi**
ŞAHİN N., GÜRBÜZ N., KARABIYIK H., KARABIYIK H., ÖZDEMİR İ.
VII. Uluslararası Anorganik Kimya Kongresi, Çorum, Turkey, 19 - 22 June 2019, pp.60
- XXI. **Antitümör Aktiviteye Sahip Rh-N-Heterosiklik Karben Kompleksleri.**
GÜRBÜZ N., ÖZDEMİR İ., Slimani I., ŞAHİN BÖLÜKBAŞI S., Naceur H.
7th Drug Chemistry Conference: Design, Synthesis, Production and Standardization of Drug Active Substances, Antalya, Turkey, 14 - 17 March 2019
- XXII. **Ag-N-Heterosiklik Karben Kompleksleri ve Antikanser Aktiviteleri.**
ÖZDEMİR İ., Slimani I., GÜRBÜZ N., ŞAHİN BÖLÜKBAŞI S., Naceur H.
7th Drug Chemistry Conference: Design, Synthesis, Production and Standardization of Drug Active Substances, Antalya, Turkey, 14 - 17 March 2019
- XXIII. **New Pd-PEPSI Complexes and Their Properties**
KILINÇ D., GÜRBÜZ N.
2nd International Conference on Applications in Chemistry and Chemical Engineering, 10 - 14 October 2018
- XXIV. **Synthesis and characterization of new Rh-NHC complexes**
GÜRBÜZ N., KARACA E. Ö., YAŞAR S., ÖZDEMİR İ.
4. Organic Chemistry Congress, Antalya, Turkey, 4 - 07 October 2018
- XXV. **N-Alkylation of Amines with Alcohols Using the Borrowing Hydrogen Process**
YİĞİT B., YİĞİT M., KARACA E. Ö., GÜRBÜZ N., ÖZDEMİR İ.
1st International Balkan Chemistry Congress, Edirne, Turkey, 17 - 20 September 2018
- XXVI. **Aminlerin Alkilasyonu için Aktif p-Cymene-Rutenyum(II)-NHC Kompleksleri**
KARACA E. Ö., YİĞİT B., YİĞİT M., GÜRBÜZ N., ÖZDEMİR İ.
7. Ulusal Kataliz Kongresi, Denizli, Turkey, 9 - 12 September 2018
- XXVII. **SYNTHESIS AND ANTIPROLIFERATIVE ACTIVITIES OF NOVEL SILVER-(I) NHC COMPLEXES**
ŞAHİN BÖLÜKBAŞI S., ŞAHİN N., GÜRBÜZ N., ÖZDEMİR İ., Çevik E., Cummings B. S.
2th International Congress on New Trends in Science, Engineering and Technology, Roma, Italy, 4 - 06 September 2018
- XXVIII. **Pd-Complexes as a catalyst in Suzuki-Miyaura Cross Coupling Reaction**
KILINÇ D., GÜRBÜZ N.
III. ULUSLARARASI MESLEKİ VE TEKNİK BİLİMLER KONGRESİ (UMTEB 2018), 21 - 22 June 2018
- XXIX. **CYTOTOXIC ACTIVITIES OF NEW NHC COMPOUNDS ON MCF-7 AND MDAMB-231 HUMAN BREAST CANCER CELLS**
ŞAHİN BÖLÜKBAŞI S., ŞAHİN N., GÜRBÜZ N., ÖZDEMİR İ., Çevik E., Cummings B. S.
12th International Symposium of Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 June 2018
- XXX. **ANTICANCER ACTIVITIES OF NEW SILVER COMPLEXES ON DU-145 HUMAN PROSTATE CANCER CELLS**
ŞAHİN BÖLÜKBAŞI S., ŞAHİN N., GÜRBÜZ N., ÖZDEMİR İ., Çevik E., Cummings B. S.
12th International Symposium of Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 June 2018
- XXXI. **Yeni NHC Komplekslerinin Meme Kanseri Üzerine Antikanser Aktiviteleri**
ŞAHİN N., ŞAHİN BÖLÜKBAŞI S., GÜRBÜZ N., ÖZDEMİR İ., Çevik E., Cummings B. S.
2. International Scientific Research Congress (UBAK), Mardin, Turkey, 9 - 13 May 2018
- XXXII. **Yeni Gümüş Komplekslerinin Prostat Kanseri Üzerine Sitotoksik Aktiviteleri**
ŞAHİN N., ŞAHİN BÖLÜKBAŞI S., GÜRBÜZ N., ÖZDEMİR İ., Çevik E., Cummings B. S.

2. International Scientific Research Congress (UBAK), Mardin, Turkey, 9 - 13 May 2018
- XXXIII. **Synthesis and characterization of novel N-heterocyclic carbene precursors**
KARACA E. Ö., GÜRBÜZ N.
II. INES INTERNATIONAL ACADEMIC RESEARCH CONGRESS, Antalya, Turkey, 18 - 21 October 2017
- XXXIV. **Synthesis and Characterized of Pd-PEPPSI Complexes and Their Catalytic Activities on Mizoroki-Heck Reaction**
KILINÇ D., GÜRBÜZ N.
International Conference on Multidisciplinary, Engineering, Science, Education and Technology (IMESET' 2017 BİTLİS), 27 - 29 October 2017
- XXXV. **Synthesis of New Pd-PEPPSI Complexes and Investigation of Their Catalytic Activities**
KILINÇ D., GÜRBÜZ N.
8th International Advanced Technologies Symposium (IATS'17), 19 - 22 October 2017
- XXXVI. **Synthesis, Characterization and Catalytic Application of Two Different Pd-PEPPSI Complexes**
KILINÇ D., GÜRBÜZ N.
The International Conference on Applications in Chemistry and Chemical Engineering (ICACCHE 2017), 11 - 15 October 2017
- XXXVII. **Synthesis and characterization of novel N-heterocyclic carbene precursors**
KARACA E. Ö., GÜRBÜZ N.
II. INES INTERNATIONAL ACADEMIC RESEARCH CONGRESS, Antalya, Turkey, 18 - 21 October 2017, pp.402
- XXXVIII. **N-Heterocyclic Carbene Based Ruthenium-Catalyzed Direct Amination of Alcohol**
ÖZDEMİR İ., Kaloğlu M., GÜRBÜZ N.
8nd Symposium on AES Metal Mediated Efficient Organic Synthesis, İzmir, Turkey, 07 September 2017 - 10 September 2014, pp.79
- XXXIX. **Synthesis of New Chiral Phosphinite Ligands and Their Ru(II) Complexes**
KAYAN C., ARSLAN N., MERİÇ N., GÜRBÜZ N., KARAKAPLAN M., AYDEMİR M.
IV. International Multidisciplinary Congress of Eurasia, ROMA, Italy, 23 - 25 August 2017
- XL. **New Functional Chiral P-Based Ligands and Their Ru(II) Complexes**
KAYAN C., ARSLAN N., MERİÇ N., GÜRBÜZ N., KARAKAPLAN M., AYDEMİR M.
IV. International Multidisciplinary Congress of Eurasia, ROMA, Italy, 23 - 25 August 2017
- XLI. **BENZİMİDAZOL ÇEKİRDEĞİ İÇEREN Pd-PEPPSI KOMPLEKSLERİNİNSENTEZİ ve KARAKTERİZASYONU**
DOĞAN Ö., GÜRBÜZ N., ÖZDEMİR İ.
Uluslararası KatılımlıVI. Ulusal Anorganik Kimya Kongresi, Burdur, Turkey, 18 - 21 May 2017
- XLII. **YENİ Ag(I)-N-HETEROSİKLİK KARBEN KOMPLEKSLERİNİN SENTEZİ veKARAKTERİZASYONU**
DOĞAN Ö., GÜRBÜZ N., ÖZDEMİR İ.
Uluslararası KatılımlıVI. Ulusal Anorganik Kimya Kongresi, Burdur, Turkey, 18 - 21 May 2017
- XLIII. **Ru-Nhc Katalizörlüğünde Aminlerin Alkilasyonu**
CETINKAYA B., dehimat z. i., KARACA E. Ö., GÜRBÜZ N., ÖZDEMİR İ.
VI. ULUSAL ANORGANİK KİMYA KONGRESİ, Burdur, Turkey, 18 - 21 May 2017, pp.152
- XLIV. **Schiff Bazı-Palladyum Komplekslerinin Sentezi ve Katalitik Özellikleri**
KARACA E. Ö., GÜRBÜZ N.
VI. ULUSAL ANORGANİK KİMYA KONGRESİ, Burdur, Turkey, 18 - 21 May 2017, pp.51
- XLV. **Schiff Bazı-Palladyum Komplekslerinin Sentezi ve Katalitik Özellikleri**
KARACA E. Ö., GÜRBÜZ N.
VI. ULUSAL ANORGANİK KİMYA KONGRESİ, Burdur, Turkey, 18 - 21 May 2017, pp.51
- XLVI. **Synthesis and Antimicrobial Activity of Pt-N-Heterocyclic Carbene Complexes**
KARACA E. Ö., ÖZDEMİR İ., GÜNAL S., GÜRBÜZ N., ÖZDEMİR İ.
3. Uluslararası İlaç ve Eczacılık Kongresi, İstanbul, Turkey, 26 - 29 April 2017
- XLVII. **Synthesis, Characterization and Antimicrobial Activities of Ag(I)-N-Heterocyclic Carbene Complexes**
Doğan Ulu Ö., ÖZDEMİR İ., GÜNAL S., GÜRBÜZ N., ÖZDEMİR İ.
SANCO University Innovation in Medicine Summit-3, Gaziantep, Turkey, 11 - 13 May 2017, pp.54
- XLVIII. **Synthesis, Characterization and Antimicrobial Activities of Ag(I)-N-Heterocyclic Carbene Complexes**

Doğan Ulu Ö., ÖZDEMİR İ., GÜNAL S., GÜRBÜZ N., ÖZDEMİR İ.

SANCO University Innovation in Medicine Summit-3, Gaziantep, Turkey, 11 - 13 May 2017, pp.54

XLIX. Synthesis and Antimicrobial Activity of Pt-N-Heterocyclic Carbene Complexes

KARACA E. Ö., ÖZDEMİR İ., GÜNAL S., GÜRBÜZ N., ÖZDEMİR İ.

3 rd International Conventes of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017

L. Antitumor Properties of water-soluble Au-N-heterocyclic carbene complexes

Kızrak Ü., ÖZDEMİR İ., GÜRBÜZ N., KALOGLU N., Başak Türkmen N., ÇİFTÇİ O., ÖZDEMİR İ.

3 rd International Conventes of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017, pp.890-891

LI. Antitumor Properties of water-soluble Au-N-heterocyclic carbene complexes

Kızrak Ü., ÖZDEMİR İ., GÜRBÜZ N., KALOGLU N., Başak Türkmen N., ÇİFTÇİ O., ÖZDEMİR İ.

3 rd International Conventes of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017, pp.890-891

LII. Synthesis and Antimicrobial Activity of Pt-N-Heterocyclic Carbene Complexes

KARACA E. Ö., ÖZDEMİR İ., GÜNAL S., GÜRBÜZ N., ÖZDEMİR İ.

3. Uluslararası İlaç ve Eczacılık Kongresi, İstanbul, Turkey, 26 - 29 April 2017, pp.569

LIII. Synthesis and Antimicrobial Activity of Pt-N-Heterocyclic Carbene Complexes

KARACA E. Ö., ÖZDEMİR İ., GÜNAL S., GÜRBÜZ N., ÖZDEMİR İ.

3 rd International Conventes of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017

LIV. Synthesis and Antimicrobial Activity of Pt-N-Heterocyclic Carbene Complexes

KARACA E. Ö., ÖZDEMİR İ., GÜNAL S., GÜRBÜZ N., ÖZDEMİR İ.

3 rd International Conventes of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017

LV. Synthesis and Antimicrobial Activity of Pt-N-Heterocyclic Carbene Complexes

KARACA E. Ö., ÖZDEMİR İ., GÜNAL S., GÜRBÜZ N., ÖZDEMİR İ.

3 rd International Conventes of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017

LVI. Antitumor Properties of water-soluble Au-N-heterocyclic carbene complexes

Kızrak Ü., ÖZDEMİR İ., GÜRBÜZ N., KALOGLU N., Başak Türkmen N., ÇİFTÇİ O., ÖZDEMİR İ.

3 rd International Conventes of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017, pp.890-891

LVII. Antitumor Properties of water-soluble Au-N-heterocyclic carbene complexes

Kızrak Ü., ÖZDEMİR İ., GÜRBÜZ N., KALOGLU N., Başak Türkmen N., ÇİFTÇİ O., ÖZDEMİR İ.

3 rd International Conventes of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017, pp.890-891

LVIII. Synthesis and Antimicrobial Activity of Pt-N-Heterocyclic Carbene Complexes

KARACA E. Ö., ÖZDEMİR İ., GÜNAL S., GÜRBÜZ N., ÖZDEMİR İ.

3. Uluslararası İlaç ve Eczacılık Kongresi, İstanbul, Turkey, 26 - 29 April 2017, pp.569

LIX. Synthesis of Silver(I) Complexes Bearing Perhydrobenzimidazol-2-ylidene Ligands

YİĞİT B., YİĞİT M., GÜRBÜZ N., DAĞDEVİREN Z., ÖZDEMİR İ.

2nd International Conference on Advances in Natural and Applied Sciences, 18 - 21 April 2017

LX. Synthesis of Palladium(II) N-Heterocyclic Carbene Complexes and Their Use as Catalysts for the Direct Arylation of Pyrrole Derivatives

YİĞİT B., YİĞİT M., GÜRBÜZ N., DAĞDEVİREN Z., ÖZDEMİR İ.

2nd International Conference on Advances in Natural and Applied Sciences, 18 - 21 April 2017

LXI. New Benzyladamantyl Substituted N-Heterocyclic Carbene-Pd(II)-PPh₃ 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 Chemiatry, Rennes, France, 23 March - 24 April 2017, pp.70

LXII. New Benzyladamantyl substituted N-heterocyclic carbene -Pd(II)-PPh₃ complex catalysed Sonogashira coupling reaction

Dehimad Imene Z., YAŞAR S., GÜRBÜZ N., Tebbani D., ÖZDEMİR İ.

International Green-Catalysis Symposium 2017, 23 - 24 March 2017

LXIII. 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 Chemiatry, Rennes, France, 23 March - 24 April 2017, pp.71

- LXIV. **Suzuki-Miyaura Cross-Coupling Reactions catalysed By Sterically bulky Palladyum NHCPdPEPPSI complexes in water**
Dehimad İmene Z., YAŞAR S., GÜRBÜZ N., Tebbani D., ÖZDEMİR İ.
International-Green Catalysis Symposium 2017, 23 - 24 March 2017
- LXV. **Sonogashira Reaction of Aryl Halides with Terminal Alkynes Catalysed By New Palladium Triphenylphoshine Complexes**
Touj N., Yaşar S., GÜRBÜZ N., Hamdi N., ÖZDEMİR İ.
Third International Green Catalysis Symposium & Advanced Spring School on Green Chemiatry, Rennes, France, 23 March - 24 April 2017, pp.73
- LXVI. **New Benzyladamanthyl Substituted N-Heterocyclic Carbene-Pd(II)-PPh₃ 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 Chemiatry, Rennes, France, 23 March - 24 April 2017, pp.70
- LXVII. **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 Chemiatry, Rennes, France, 23 March - 24 April 2017, pp.74
- LXVIII. **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
- LXIX. **Sonogashira Reaction of Aryl Halides with Terminal Alkynes Catalysed By New Palladium Triphenylphoshine Complexes**
Touj N., Yaşar S., GÜRBÜZ N., Hamdi N., ÖZDEMİR İ.
Third International Green Catalysis Symposium & Advanced Spring School on Green Chemiatry, Rennes, France, 23 March - 24 April 2017, pp.73
- LXX. **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 Chemiatry, Rennes, France, 23 March - 24 April 2017, pp.71
- LXXI. **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 Chemiatry, Rennes, France, 23 March - 24 April 2017, pp.74
- LXXII. **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
- LXXIII. **Synthesis of Palladium(II) N-Heterocyclic Carbene Complexes and Their Use as Catalysts for the Direct Arylation of Pyrrole Derivatives**
Yiğit B., Yiğit M., GÜRBÜZ N., Dağdeviren Z., ÖZDEMİR İ.
2nd International Conference On Advances in Natural And Applied Sciences, ICANAS 2017, Antalya, Turkey, 18 - 21 March 2017, pp.461
- LXXIV. **Synthesis of Palladium(II) N-Heterocyclic Carbene Complexes and Their Use as Catalysts for the Direct Arylation of Pyrrole Derivatives**

Yiğit B., Yiğit M., GÜRBÜZ N., Dağdeviren Z., ÖZDEMİR İ.

2nd International Conference On Advances in Natural And Applied Sciences, ICANAS 2017, Antalya, Turkey, 18 - 21 March 2017, pp.461

- LXXV. **Synthesis and antitumor activity of silver I complexes involving N sodium sulfonate N heterocyclic carbene ligands**
GÜRBÜZ N., ÖZDEMİR İ., KALOĞLU N., ÇİFTÇİ O., ÖZDEMİR İ.
4th International BAU Drug Design Congress, İstanbul, Turkey, 13 - 15 October 2016
- LXXVI. **Synthesis and antitumor activity of silver(I) complexes involving N-sodium sulfonate N-heterocyclic carbene ligands**
GÜRBÜZ N., ÖZDEMİR İ., KALOĞLU N., ÇİFTÇİ O., ÖZDEMİR İ.
4th International BAU Drug Design Congress, İstanbul, Turkey, 13 - 15 October 2016, pp.90
- LXXVII. **Antitumor Properties of water-soluble Ag-N-heterocyclic carbene complexes**
ÖZDEMİR İ., GÜRBÜZ N., KALOĞLU N., Kızrak Ü., ÇİFTÇİ O., ÖZDEMİR İ.
4th International BAU Drug Design Congress, İstanbul, Turkey, 13 - 15 October 2016, pp.67
- LXXVIII. **Antimicrobial Activity of Gold I N Heterocyclic Carbene Complexes**
ÖZDEMİR İ., KARACA E. Ö., GÜRBÜZ N., ÖZDEMİR İ., GÜNAL S.
4th International BAU Drug Design Congress, İstanbul, Turkey, 13 - 15 October 2016
- LXXIX. **Synthesis and antitumor activity of silver(I) complexes involving N-sodium sulfonate N-heterocyclic carbene ligands**
GÜRBÜZ N., ÖZDEMİR İ., KALOĞLU N., ÇİFTÇİ O., ÖZDEMİR İ.
4th International BAU Drug Design Congress, İstanbul, Turkey, 13 - 15 October 2016, pp.90
- LXXX. **Synthesis and antitumor activity of silver(I) complexes involving N-sodium sulfonate N-heterocyclic carbene ligands**
GÜRBÜZ N., ÖZDEMİR İ., KALOĞLU N., ÇİFTÇİ O., ÖZDEMİR İ.
4th International BAU Drug Design Congress, İstanbul, Turkey, 13 - 15 October 2016, pp.90
- LXXXI. **Antitumor properties of water soluble Ag N heterocyclic carbene complexes**
ÖZDEMİR İ., GÜRBÜZ N., KALOĞLU N., Kızrak ü., ÇİFTÇİ O., ÖZDEMİR İ.
4th International BAU Drug Design Congress, İstanbul, Turkey, 13 - 15 October 2016
- LXXXII. **Antitumor Properties of water-soluble Ag-N-heterocyclic carbene complexes**
ÖZDEMİR İ., GÜRBÜZ N., KALOĞLU N., Kızrak Ü., ÇİFTÇİ O., ÖZDEMİR İ.
4th International BAU Drug Design Congress, İstanbul, Turkey, 13 - 15 October 2016, pp.67
- LXXXIII. **Synthesis and antitumor activity of silver(I) complexes involving N-sodium sulfonate N-heterocyclic carbene ligands**
GÜRBÜZ N., ÖZDEMİR İ., KALOĞLU N., ÇİFTÇİ O., ÖZDEMİR İ.
4th International BAU Drug Design Congress, İstanbul, Turkey, 13 - 15 October 2016, pp.90
- LXXXIV. **Antitumor Properties of water-soluble Ag-N-heterocyclic carbene complexes**
ÖZDEMİR İ., GÜRBÜZ N., KALOĞLU N., Kızrak Ü., ÇİFTÇİ O., ÖZDEMİR İ.
4th International BAU Drug Design Congress, İstanbul, Turkey, 13 - 15 October 2016, pp.67
- LXXXV. **Antimicrobial Activity of Gold (I) N-Heterocyclic Carbene Complexes**
ÖZDEMİR İ., KARACA E. Ö., GÜRBÜZ N., ÖZDEMİR İ., GÜNAL S.
4th International BAU Drug Design Congress, İstanbul, Turkey, 13 - 15 October 2016, pp.71
- LXXXVI. **Antimicrobial Activity of Gold (I) N-Heterocyclic Carbene Complexes**
ÖZDEMİR İ., KARACA E. Ö., GÜRBÜZ N., ÖZDEMİR İ., GÜNAL S.
4th International BAU Drug Design Congress, İstanbul, Turkey, 13 - 15 October 2016, pp.71
- LXXXVII. **Antimicrobial Activity of Gold (I) N-Heterocyclic Carbene Complexes**
ÖZDEMİR İ., KARACA E. Ö., GÜRBÜZ N., ÖZDEMİR İ., GÜNAL S.
4th International BAU Drug Design Congress, İstanbul, Turkey, 13 - 15 October 2016, pp.71
- LXXXVIII. **Synthesis and characterization of (1R)-2-{benzyl[(1S)-1-(Naphthalen-1-yl)ethyl]amino}-1-phenylethan-1-ol**
ÇAVUŞ KAYA E., Sabri A., MERİÇ N., KAYAN C., GÜRBÜZ N., KARAKAPLAN M., Scopelliti R., TEMEL H., AYDEMİR M.
Turkish Physical Society 32nd International Physics Congress, Muğla, Turkey, 6 - 09 September 2016

- LXXXIX. **Heterogenization of Homogenous NHC-Pd(II)-Pyridine Catalytic Systems via Radical polymerization: Catalytic Activities for Suzuki-Miyaura Coupling Reactions**
Boztepe C., ÖZDEMİR İ., Künkül A., GÜRBÜZ N.
46th IUPAC World Polymer Congress (MACRO 2016), İstanbul, Turkey, 17 - 21 July 2016
- XC. **Heterogenization of Homogenous NHC-Pd(II)-Pyridine Catalytic Systems via Radical polymerization: Catalytic Activities for Suzuki-Miyaura Coupling Reactions**
Boztepe C., ÖZDEMİR İ., Künkül A., GÜRBÜZ N.
46th IUPAC World Polymer Congress (MACRO 2016), İstanbul, Turkey, 17 - 21 July 2016
- XCI. **Synthesis and Catalytic Properties of Palladium-NHCPh₃Complexes**
KARACA E. Ö., YAŞAR S., GÜRBÜZ N., ÖZDEMİR İ.
42nd International Conference on Coordination Chemistry, Brest, France, 3 - 08 July 2016, pp.502
- XCII. **The New Ag-N-Heterocyclic Carbene Complexes Having Antitumor Potential**
GÜRBÜZ N., ÖZDEMİR İ., KALOGLU N., ÇİFTÇİ O., ÖZDEMİR İ.
42nd International Conference on Coordination Chemistry, Brest, France, 3 - 08 July 2016, pp.442
- XCIII. **The New Ag-N-Heterocyclic Carbene Complexes Having Antitumor Potential**
GÜRBÜZ N., ÖZDEMİR İ., KALOGLU N., ÇİFTÇİ O., ÖZDEMİR İ.
42nd International Conference on Coordination Chemistry, Brest, France, 3 - 08 July 2016, pp.442
- XCIV. **The New Ag-N-Heterocyclic Carbene Complexes Having Antitumor Potential**
GÜRBÜZ N., ÖZDEMİR İ., KALOGLU N., ÇİFTÇİ O., ÖZDEMİR İ.
42nd International Conference on Coordination Chemistry, Brest, France, 3 - 08 July 2016, pp.442
- XCV. **The New Ag-N-Heterocyclic Carbene Complexes Having Antitumor Potential**
GÜRBÜZ N., ÖZDEMİR İ., KALOGLU N., ÇİFTÇİ O., ÖZDEMİR İ.
42nd International Conference on Coordination Chemistry, Brest, France, 3 - 08 July 2016, pp.442
- XCVI. **Synthesis and Catalytic Properties of Palladium-NHCPh₃Complexes**
KARACA E. Ö., YAŞAR S., GÜRBÜZ N., ÖZDEMİR İ.
42nd International Conference on Coordination Chemistry, Brest, France, 3 - 08 July 2016, pp.502
- XCVII. **SYNTHESIS AND CATALYTIC PROPERTIES OF PALLADIUM NHC PPh₃ COMPLEXES**
KARACA E. Ö., YAŞAR S., GÜRBÜZ N., ÖZDEMİR İ.
42 nd international conference on coordination chemistry, Brest, Belarus, 3 - 08 July 2016
- XCVIII. **Synthesis and Catalytic Properties of Palladium NHC PPh₃ Complexes International Conference on Coordination Chemistry**
KARACA E. Ö., YAŞAR S., GÜRBÜZ N., ÖZDEMİR İ.
International Conference on Coordination Chemistry, Brest, Belarus, 3 - 08 June 2016
- XCIX. **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
- C. **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
- CI. **The Coupling Reaction With ArylGrignard Reagents in the Presence of Iron NHC Catalyst**
ÖZDEMİR İ., DEMİR DÜŞÜNCELİ S., GÜRBÜZ N.
NCC6-The 6th Catalysis Conference, Bursa, Turkey, 27 - 30 April 2016
- CII. **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
- CIII. **Direct Arylation with Palladium-NHC Complexes**
KARACA E. Ö., GÜRBÜZ N., YAŞAR S., ÖZDEMİR İ.
NCC6-The 6th CATALYSIS CONFERENCE, Bursa, Turkey, 27 - 30 April 2016, pp.179
- CIV. **Presence of Iron NHC Catalyst**
ÖZDEMİR İ., DEMİR DÜŞÜNCELİ S., GÜRBÜZ N.
NCC6 - The 6th Catalysis Conference, Bursa, Turkey, 27 April - 30 June 2016

- CV. **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
- CVI. **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
- CVII. **N Substitutedbenzimidazole Ruthenium II Complexes andTheir Catalytic Activity**
BULDURUN K., GÜRBÜZ N., ÖZDEMİR İ.
NCC6 - The 6th Catalysis Conference, Bursa, Turkey, 27 - 30 April 2016
- CVIII. **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
- CIX. **Synthesis and insitu catalytic aplication of 7 BER NHC ligands on suzuki reaction**
YAŞAR S., KARACA E. Ö., GÜRBÜZ N., ÖZDEMİR İ.
NCC6-6th Catalysis Conference, Bursa, Turkey, 27 - 30 April 2016
- CX. **Direct Arylation with Palladium-NHC Complexes**
KARACA E. Ö., GÜRBÜZ N., YAŞAR S., ÖZDEMİR İ.
NCC6-The 6th CATALYSIS CONFERENCE, Bursa, Turkey, 27 - 30 April 2016, pp.179
- CXI. **THE CATALYTIC ACTIVITIES OF SOME NOVELPOLYMERIC NHC PD HYDROGEL SYSTEMS**
BOZTEPE C., KÜNKÜL A., ÖZDEMİR İ., GÜRBÜZ N.
3RD INTERNATIONAL CHEMICAL ENGINEERING AND CHEMICAL TECHNOLOGIES CONFERENCE PROCEEDINGS, İstanbul, Turkey, 30 November - 01 December 2015, pp.171
- CXII. **HYDROGEL SUPPORTED NHC PD CATALYSTSYSTEMS FOR THE SUZUKI REACTION**
BOZTEPE C., KÜNKÜL A., ÖZDEMİR İ., GÜRBÜZ N.
3RD INTERNATIONAL CHEMICAL ENGINEERING AND CHEMICAL TECHNOLOGIES CONFERENCE PROCEEDINGS, İstanbul, Turkey, 30 November - 01 December 2015, pp.170
- CXIII. **Genişlemiş Halkalı İridyum N Heterosiklik Karben Komplekslerin Sentezi ve Karakterizasyonu**
YAŞAR S., KARACA E. Ö., GÜRBÜZ N., ÖZDEMİR İ.
V. Ulusal Anorganik Kimya Kongresi, Turkey, 22 - 25 April 2015
- CXIV. **Yeni N-heterosiklik Tetrakiskarben Öncüllerinin Sentezi ve Suzuki Eşleşme Tepkimesindeki Katalitik Aktiviteleri**
DOĞAN ULU Ö., ÖZDEMİR İ., GÜRBÜZ N.
5. Ulusal Anorganik Kimya Kongresi, Mersin, Turkey, 22 - 25 April 2015
- CXV. **Ru-NHC Catalyzed N and C-Aklylation of Pyrrolidine**
Şahin Z., GÜRBÜZ N., ÖZDEMİR İ.
8nd Symposium on AES Metal Mediated Efficient Organic Synthesis, İzmir, Turkey, 7 - 10 September 2014, pp.84
- CXVI. **Ru-NHC Catalyzed N and C-Aklylation of Pyrrolidine**
Şahin Z., GÜRBÜZ N., ÖZDEMİR İ.
8nd Symposium on AES Metal Mediated Efficient Organic Synthesis, İzmir, Turkey, 7 - 10 September 2014, pp.84
- CXVII. **N-Heterocyclic Carbene Based Ruthenium-Catalyzed Direct Amination of Alcohol**
ÖZDEMİR İ., KALOĞLU M., GÜRBÜZ N.
8th Asian-European Symposium on Metal-Mediated Efficient Organic Synthesis, İzmir, Turkey, 7 - 10 September 2014, pp.79
- CXVIII. **Ruthenium Catalyzed Arylation of 2-Phenylpyridine**
GÜRBÜZ N., KARACA E. Ö., ÖZDEMİR İ., BRUNEAU C., Dixneuf P. H.
2nd International Symposium on C-H Activation, Rennes, France, 30 June - 03 July 2014, pp.128
- CXIX. **N and C-Aklylation of Pyrrolidine with Benzyl Alcohol by Ruthenium Carbene Complexes**
Akkoç M., GÜRBÜZ N., ÖZDEMİR İ., Achard M., Bruneau C.
2nd International Symposium on C-H Activation, Rennes, France, 30 June - 03 July 2014, pp.127
- CXX. **Ruthenium Catalyzed Arylation of 2-Phenylpyridine**
GÜRBÜZ N., KARACA E. Ö., ÖZDEMİR İ., BRUNEAU C., Dixneuf P. H.

- 2nd International Symposium on C-H Activation, Rennes, France, 30 June - 03 July 2014, pp.128
- CXXI. **Ruthenium Catalyzed Arylation of 2-Phenylpyridine**
GÜRBÜZ N., KARACA E. Ö., ÖZDEMİR İ., BRUNEAU C., Dixneuf P. H.
2nd International Symposium on C-H Activation, Rennes, France, 30 June - 03 July 2014, pp.128
- CXXII. **Pd-Catalyzed C-H Arylation of Aromatic Compounds**
KARACA E. Ö., GÜRBÜZ N., ÖZDEMİR İ., Doucet H., Bruneau C., Dixneuf P. H.
2nd International Symposium on C-H Activation, Rennes, France, 30 June - 03 July 2014, pp.126
- CXXIII. **Pd-Catalyzed C-H Arylation of Aromatic Compounds**
KARACA E. Ö., GÜRBÜZ N., ÖZDEMİR İ., Doucet H., Bruneau C., Dixneuf P. H.
2nd International Symposium on C-H Activation, Rennes, France, 30 June - 03 July 2014, pp.126
- CXXIV. **N-Heterocyclic Carbene-Palladium Catalyzed Biaryl Coupling by Direct C-H Activation**
Kaloğlu M., ÖZDEMİR İ., GÜRBÜZ N., Doucet H., Bruneau C., DIXNEUF P. H.
2nd International Symposium on C-H Activation, Rennes, France, 30 June - 03 July 2014, pp.121
- CXXV. **N-Heterocyclic Carbene-Palladium Catalyzed Biaryl Coupling by Direct C-H Activation**
Kaloğlu M., ÖZDEMİR İ., GÜRBÜZ N., Doucet H., Bruneau C., DIXNEUF P. H.
2nd International Symposium on C-H Activation, Rennes, France, 30 June - 03 July 2014, pp.121
- CXXVI. **Ru NHC Katalizörlüğünde Ketonların İndirgenmesi**
KARACA E. Ö., GÜRBÜZ N., ÖZDEMİR İ.
5. Ulusal Kataliz Kongresi, Adana, Turkey, 23 - 26 April 2014
- CXXVII. **Heteroatom İçeren Aromatik Bileşiklerin Pd-NHC Katalizli Arilasyonu**
KALOĞLU M., ÖZDEMİR İ., GÜRBÜZ N.
5th National Catalysis Conference, Adana, Turkey, 23 - 26 April 2014, pp.92
- CXXVIII. **Ru-NHC Catalyzed Alkylation of Pyrrolidine**
DOĞAN ULU Ö., GÜRBÜZ N., DEMİR S., ÖZDEMİR İ., Achard M., Bruneau C., DIXNEUF P. H.
Second International Green Catalysis Symposium, Rennes, France, 2 - 04 April 2014, pp.52
- CXXIX. **Ru-NHC Catalyzed Alkylation of Pyrrolidine**
DOĞAN ULU Ö., GÜRBÜZ N., DEMİR S., ÖZDEMİR İ., Achard M., Bruneau C., DIXNEUF P. H.
Second International Green Catalysis Symposium, Rennes, France, 2 - 04 April 2014, pp.52
- CXXX. **N-Aklylation of Aniline with Benzyl Alcohol by Ruthenium Carbene Complexes**
Şahin Z., GÜRBÜZ N., ÖZDEMİR İ.
Second International Green Catalysis Symposium, Rennes, France, 2 - 04 April 2014, pp.51
- CXXXI. **N-Aklylation of Aniline with Benzyl Alcohol by Ruthenium Carbene Complexes**
Şahin Z., GÜRBÜZ N., ÖZDEMİR İ.
Second International Green Catalysis Symposium, Rennes, France, 2 - 04 April 2014, pp.51
- CXXXII. **yeni sentez gümüş rutenyum ve platin karben komplekslerinin beyin kanseri hücre hatlarında antikarsinojenik etki potansiyeli**
BAŞAK TÜRKMEN N., şahin z., ÖZTANIR M. N., GÜRBÜZ N., ÇİFTÇİ O., ÖZDEMİR İ.
IV.Ulusal veteriner farmakoloji ve toksikoloji Kongresi,Elazığ, 11-14 Eylül 2013, Turkey, 11 September 2013
- CXXXIII. **Synthesis and Antimicrobial Activity of Novel Ag-N- Heterocyclic carbene Complexes**
Şahin Z., GÜRBÜZ N., ÖZDEMİR İ., GÜNAL S., ÖZDEMİR İ.
IUPAC 44th World Chemistry Congress, İstanbul, Turkey, 11 - 16 August 2013, pp.149
- CXXXIV. **Synthesis and Antimicrobial Activity of Novel Ag-N- Heterocyclic carbene Complexes**
Şahin Z., GÜRBÜZ N., ÖZDEMİR İ., GÜNAL S., ÖZDEMİR İ.
IUPAC 44th World Chemistry Congress, İstanbul, Turkey, 11 - 16 August 2013, pp.149
- CXXXV. **Synthesis and Antimicrobial Activity of Novel Ag-N- Heterocyclic carbene Complexes**
Şahin Z., GÜRBÜZ N., ÖZDEMİR İ., GÜNAL S., ÖZDEMİR İ.
IUPAC 44th World Chemistry Congress, İstanbul, Turkey, 11 - 16 August 2013, pp.149
- CXXXVI. **Transfer hydrogenation of ketones catalyzed by in situ generated iron NHC complexes**
GÜRBÜZ N., Kaloğlu N., DEMİR S., ÖZDEMİR İ.
Modern Trends in Organometallic Chemistry and Catalysis, Moscqw, Russia, 3 - 07 June 2013, pp.28
- CXXXVII. **Transfer hydrogenation of ketones catalyzed by in situ generated iron NHC complexes**

GÜRBÜZ N., Kaloğlu N., DEMİR S., ÖZDEMİR İ.

Modern Trends in Organometallic Chemistry and Catalysis, Moscow, Russia, 3 - 07 June 2013, pp.28

CXXXVIII. Palladium Azolyum Katalizli Suzuki ve Heck Eşleşmesi

KARACA E. Ö., GÜRBÜZ N., ÖZDEMİR İ.

IV. Ulusal Anorganik Kimya Kongresi, Tokat, Turkey, 30 May - 01 June 2013

CXXXIX. Yeni Ru-NHC Komplekslerinin Sentezi

KALOĞLU M., ÖZDEMİR İ., GÜRBÜZ N.

IV. Ulusal Anorganik Kimya Kongresi, Tokat, Turkey, 30 May - 02 June 2013, pp.96

CXL. Palladium NHC Catalyzed Direct Arylation of Heteroaromatic Compounds

GÜRBÜZ N., KARACA E. Ö., ÖZDEMİR İ., ÇETİNKAYA B., ŞAHİN O., BÜYÜKGÜNGÖR O.

4th National Catalysis Conference, Turkey, 9 - 11 April 2012

CXLI. Ruthenium Carbene Catalyzed Direct C-H Bond Arylation

GÜRBÜZ N., ÖZDEMİR İ., AKOÇ M., ÇETİNKAYA B., DIXNEUF P. H., BRUNEAU C.

International Green Catalysis Symposium, Rennes, France, 7 - 09 March 2012, pp.15

CXLII. Transfer Hydrogenation of Ketones by Ruthenium Complexes

KARACA E. Ö., GÜRBÜZ N., ÖZDEMİR İ., ÇETİNKAYA B., ARSLAN H.

International Green Catalysis Symposium, Rennes, France, 7 - 09 March 2012, pp.37

CXLIII. Rh-NHC Catalyzed Arylation of Aldehydes with Arylboronic Acids

DOĞAN ULU Ö., GÜRBÜZ N., ÖZDEMİR İ., ÇETİNKAYA B.

International Green Catalysis Symposium, Rennes, France, 7 - 09 March 2012, pp.38

CXLIV. Arylation of Heterocyclic Compounds by Palladium Carbene Complexes

GÜRBÜZ N., DOĞAN ULU Ö., ÖZDEMİR İ., ÇETİNKAYA B., DOUCET H., DIXNEUF P. H., BRUNEAU C.

International Green Catalysis Symposium, Rennes, France, 7 - 09 March 2012, pp.35

CXLV. Transfer Hydrogenation of Ketones by Ruthenium Complexes

KARACA E. Ö., GÜRBÜZ N., ÖZDEMİR İ., ÇETİNKAYA B., ARSLAN H.

International Green Catalysis Symposium, Rennes, France, 7 - 09 March 2012, pp.37

CXLVI. Transfer Hydrogenation of Ketones by Ruthenium Complexes Rennes Fransa 2012

KARACA E. Ö., GÜRBÜZ N., ÖZDEMİR İ., ÇETİNKAYA B.

International Green Catalysis Symposium, 7 - 09 March 2012, pp.37

CXLVII. Arylation of Heterocyclic Compounds by Palladium Carbene Complexes Rennes Fransa 2012

GÜRBÜZ N., DOĞAN ULU Ö., ÖZDEMİR İ., ÇETİNKAYA B., DOUCET H., DIXNEUF P. H., BRUNEAU C.

International Green Catalysis Symposium, 7 - 09 March 2012, pp.35

CXLVIII. Ruthenium Carbene Catalyzed Direct C-H Bond Arylation

GÜRBÜZ N., ÖZDEMİR İ., AKOÇ M., ÇETİNKAYA B., DIXNEUF P. H., BRUNEAU C.

International Green Catalysis Symposium, Rennes, France, 7 - 09 March 2012, pp.15

CXLIX. Rh-NHC Catalyzed Arylation of Aldehydes with Arylboronic Acids

DOĞAN ULU Ö., GÜRBÜZ N., ÖZDEMİR İ., ÇETİNKAYA B.

International Green Catalysis Symposium, Rennes, France, 7 - 09 March 2012, pp.38

CL. Rh NHC Catalyzed Arylation of Aldehydes with Arylboronic Acids Rennes Fransa 2012

GÜRBÜZ N., DOĞAN ULU Ö., ÖZDEMİR İ., ÇETİNKAYA B.

International Green Catalysis Symposium, 7 - 09 March 2012, pp.38

CLI. Ruthenium Carbene Catalyzed Direct C H Bond Arylation Rennes Fransa 2012

ÖZDEMİR İ., AKOÇ M., GÜRBÜZ N., ÇETİNKAYA B., DIXNEUF P. H., BRUNEAU C.

International Green Catalysis Symposium, 7 - 09 March 2012, pp.15

CLII. Transfer Hydrogenation of Ketones by Ruthenium Complexes

KARACA E. Ö., GÜRBÜZ N., ÖZDEMİR İ., ÇETİNKAYA B., ARSLAN H.

International Green Catalysis Symposium, Rennes, France, 7 - 09 March 2012, pp.37

CLIII. Arylation of Heterocyclic Compounds by Palladium Carbene Complexes

GÜRBÜZ N., DOĞAN ULU Ö., ÖZDEMİR İ., ÇETİNKAYA B., DOUCET H., DIXNEUF P. H., BRUNEAU C.

International Green Catalysis Symposium, Rennes, France, 7 - 09 March 2012, pp.35

CLIV. YENİ BENZİMİDAZOLYUM TUZLARININ SENTEZİ VE KATALİTİK UYGULAMALARI

KALOĞLU M., GÜRBÜZ N., ÖZDEMİR İ., Çetinkaya B.

Uluslararası Katılımlı 25. Ulusal Kimya Kongresi, Erzurum, Turkey, 27 June - 02 July 2011

CLV. **Benzimidazolyum-Gümüş Karben Komplekslerinin Antimikrobiyal Özellikleri**

DAYAN S., ÖZDEMİR İ., GÜNAL S., GÜRBÜZ N., ÖZDEMİR İ.

25.Uluslararası katılımlı Ulusal Kimya Kongresi, 1 - 02 July 2011

CLVI. **Pd-NHC Katalizli C-N Bağ Oluşumu**

GÜRBÜZ N., KARACA E. Ö., ÖZDEMİR İ., CETINKAYA B., SAHİN O., BUYUKGUNGOR O.

25. Uluslararası Katılımlı Ulusal Kimya Kongresi, Erzurum, Turkey, 27 June - 02 July 2011, pp.135

CLVII. **Pd-NHC Katalizli C-N Bağ Oluşumu**

GÜRBÜZ N., KARACA E. Ö., ÖZDEMİR İ., CETINKAYA B., SAHİN O., BUYUKGUNGOR O.

25. Uluslararası Katılımlı Ulusal Kimya Kongresi, Erzurum, Turkey, 27 June - 02 July 2011, pp.135

CLVIII. **Pd-NHC Katalizli C-N Bağ Oluşumu**

GÜRBÜZ N., KARACA E. Ö., ÖZDEMİR İ., CETINKAYA B., SAHİN O., BUYUKGUNGOR O.

25. Uluslararası Katılımlı Ulusal Kimya Kongresi, Erzurum, Turkey, 27 June - 02 July 2011, pp.135

CLIX. **Yeni Benzimidazolyum Tuzlarının Sentezi ve Katalitik Uygulamaları**

KALOĞLU M., GÜRBÜZ N., ÖZDEMİR İ., CETINKAYA B.

25. Uluslararası Katılımlı Ulusal Kimya Kongresi, Erzurum, Turkey, 27 June - 02 July 2011

CLX. **Ru NHC katalizörlüğünde ketonların indirgenmesi**

KARACA E. Ö., GÜRBÜZ N., ÖZDEMİR İ., Çetinkaya B.

III. Ulusal Anorganik Kimya Kongresi, Çanakkale, Turkey, 19 - 22 May 2011

CLXI. **Benzimidazolyum-Palladyum Karben Komplekslerinin Sentezi ve Karakterizasyonu**

DAYAN S., GÜRBÜZ N., ÖZDEMİR İ., ÇETİNKAYA B.

III. Ulusal Anorganik Kimya Kongresi, 19 - 22 May 2011

CLXII. **İmidazolidin-Palladyum Karben Komplekslerinin Sentezi ve Karakterizasyonu**

GÜRBÜZ N., KARACA E. Ö., ÖZDEMİR İ., CETINKAYA B.

ORGANOMETALİK KİMYA VE KATALİZ ÇALIŞTAYI, Malatya, Turkey, 16 - 17 May 2010, pp.46

CLXIII. **Palladyum/Azolyum Katalizli Suzuki ve Heck Eşleşme Tepkimesi**

KARACA E. Ö., YAŞAR S., GÜRBÜZ N., ÖZDEMİR İ., CETINKAYA B.

ORGANOMETALİK KİMYA VE KATALİZ ÇALIŞTAYI, Malatya, Turkey, 16 - 17 May 2010, pp.24

CLXIV. **Palladyum/Azolyum Katalizli Suzuki ve Heck Eşleşme Tepkimesi**

KARACA E. Ö., YAŞAR S., GÜRBÜZ N., ÖZDEMİR İ., CETINKAYA B.

ORGANOMETALİK KİMYA VE KATALİZ ÇALIŞTAYI, Malatya, Turkey, 16 - 17 May 2010, pp.24

CLXV. **İmidazolidin-Palladyum Karben Komplekslerinin Sentezi ve Karakterizasyonu**

GÜRBÜZ N., KARACA E. Ö., ÖZDEMİR İ., CETINKAYA B.

ORGANOMETALİK KİMYA VE KATALİZ ÇALIŞTAYI, Malatya, Turkey, 16 - 17 May 2010, pp.46

CLXVI. **Aminofosfin / [RuCl₂(p-simen)]₂ Katalizörlüğünde Transfer Hidrojenasyonu**

Serin S., Begeç S., Kılıç A., Karaca E. Ö., Gürbüz N., Özdemir İ.

ORGANOMETALİK KİMYA VE KATALİZ ÇALIŞTAYI, Malatya, Turkey, 16 - 17 May 2010, pp.72

CLXVII. **Ru-NHC Katalizörlüğünde Ketonların Hidrojen Transfer Reaksiyonu**

KARACA E. Ö., ÇETİNKAYA E., GÜRBÜZ N., ÖZDEMİR İ.

ORGANOMETALİK KİMYA VE KATALİZ ÇALIŞTAYI, Malatya, Turkey, 16 - 17 May 2010, pp.23

CLXVIII. **Ru-NHC Katalizörlüğünde Ketonların Hidrojen Transfer Reaksiyonu**

KARACA E. Ö., ÇETİNKAYA E., GÜRBÜZ N., ÖZDEMİR İ.

ORGANOMETALİK KİMYA VE KATALİZ ÇALIŞTAYI, Malatya, Turkey, 16 - 17 May 2010, pp.23

CLXIX. **Ru-NHC Katalizörlüğünde Ketonların Hidrojen Transfer Reaksiyonu**

KARACA E. Ö., ÇETİNKAYA E., GÜRBÜZ N., ÖZDEMİR İ.

ORGANOMETALİK KİMYA VE KATALİZ ÇALIŞTAYI, Malatya, Turkey, 16 - 17 May 2010, pp.23

CLXX. **İmidazolidin-Palladyum Karben Komplekslerinin Sentezi ve Karakterizasyonu**

GÜRBÜZ N., KARACA E. Ö., ÖZDEMİR İ., CETINKAYA B.

ORGANOMETALİK KİMYA VE KATALİZ ÇALIŞTAYI, Malatya, Turkey, 16 - 17 May 2010, pp.46

CLXXI. **Benzimidazolyum Halojenür/Pd(OAc)₂ Katalizörlüğünde Heck Eşleşmesi**

DAYAN S., GÜRBÜZ N., ÖZDEMİR İ., ÇETİNKAYA B.

Organometalik Kimya ve Kataliz Çalıştayı, 16 May 2010

- CLXXII. **Tetrasiyano Palladatlı Komplekslerin Kataliz Özelliklerinin İncelenmesi**
KARADAĞ A., ASLAN KORKMAZ Ş., ÖZDEMİR İ., GÜRBÜZ N., KORKMAZ N.
23. Ulusal Kimya Kongresi, Sivas, Turkey, 16 - 20 June 2009
- CLXXIII. **AZOLYUM/RU KATALİZÖRLÜZÖRLÜĞÜNDE KETONLARIN İNDİRGENMESİ**
GÜRBÜZ N., KARACA E. Ö., ÖZDEMİR İ., ÇETİNKAYA B.
23. ULUSAL KİMYA KONGRESİ, Sivas, Turkey, 16 - 20 June 2009, pp.475
- CLXXIV. **AZOLYUM/RU KATALİZÖRLÜZÖRLÜĞÜNDE KETONLARIN İNDİRGENMESİ**
GÜRBÜZ N., KARACA E. Ö., ÖZDEMİR İ., ÇETİNKAYA B.
23. ULUSAL KİMYA KONGRESİ, Sivas, Turkey, 16 - 20 June 2009, pp.475
- CLXXV. **AZOLYUM/RU KATALİZÖRLÜZÖRLÜĞÜNDE KETONLARIN İNDİRGENMESİ**
GÜRBÜZ N., KARACA E. Ö., ÖZDEMİR İ., ÇETİNKAYA B.
23. ULUSAL KİMYA KONGRESİ, Sivas, Turkey, 16 - 20 June 2009, pp.475
- CLXXVI. **TETRAHİDROPİRİMİDİN-PALLADYUM KARBEN KOMPLEKSLERİNİN SENTEZİ VE KARAKTERİZASYONU**
GÜRBÜZ N., KARACA E. Ö., ÖZDEMİR İ., ÇETİNKAYA B.
II. ULUSAL ANORGANİK KİMYA KONGRESİ, Elazığ, Turkey, 16 - 19 May 2009, pp.213
- CLXXVII. **Ru-NHC KATALİZÖRLÜĞÜNDE KETONLARIN HİDROJEN TRANSFER REAKSİYONU**
KARACA E. Ö., GÜRBÜZ N., ÖZDEMİR İ., ÇETİNKAYA B.
II. ULUSAL ANORGANİK KİMYA KONGRESİ, Elazığ, Turkey, 16 - 19 May 2009, pp.98
- CLXXVIII. **Ru-NHC KATALİZÖRLÜĞÜNDE KETONLARIN HİDROJEN TRANSFER REAKSİYONU**
KARACA E. Ö., GÜRBÜZ N., ÖZDEMİR İ., ÇETİNKAYA B.
II. ULUSAL ANORGANİK KİMYA KONGRESİ, Elazığ, Turkey, 16 - 19 May 2009, pp.98
- CLXXIX. **TETRAHİDROPİRİMİDİN-PALLADYUM KARBEN KOMPLEKSLERİNİN SENTEZİ VE KARAKTERİZASYONU**
GÜRBÜZ N., KARACA E. Ö., ÖZDEMİR İ., ÇETİNKAYA B.
II. ULUSAL ANORGANİK KİMYA KONGRESİ, Elazığ, Turkey, 16 - 19 May 2009, pp.213
- CLXXX. **TETRAHİDROPİRİMİDİN-PALLADYUM KARBEN KOMPLEKSLERİNİN SENTEZİ VE KARAKTERİZASYONU**
GÜRBÜZ N., KARACA E. Ö., ÖZDEMİR İ., ÇETİNKAYA B.
II. ULUSAL ANORGANİK KİMYA KONGRESİ, Elazığ, Turkey, 16 - 19 May 2009, pp.213
- CLXXXI. **POLİSİKLİK AROMATİK DİAMİNLERDEN TÜRETİLEN STERİK ENGELLİ TETRANTAT SALİSİLALDİMİNLERİN PALLADYUM(II) KOMPLEKSLERİNİN SENTEZİ, KARAKTERİZASYONU VE KATALİTİK ÖZELLİKLERİ**
TAŞ E., DURGUN M., KILIÇ A., KILINÇ D., ÖZDEMİR İ., GÜRBÜZ N.
XXII. Ulusal Kimya Kongresi KIBRIS, Gazimagusa, Cyprus (Kktc), 6 - 10 October 2008
- CLXXXII. **Polisiklik Aromatik Diaminlerden Türetilen Sterik Engelli Tetradentat Salisilaldiminlerin Palladyum II Komplekslerinin Sentezi Karakterizasyonu ve Katalitik Özellikleri**
TAŞ E., DURGUN M., KILIÇ A., KILINÇ D., ÖZDEMİR İ., GÜRBÜZ N.
XXII. Ulusal Kimya Kongresi, MAGUSA, Cyprus (Kktc), 6 - 10 October 2008
- CLXXXIII. **Palladyum Azolyum Katalizli Suzuki Eşleşmesi**
KARACA E. Ö., GÜRBÜZ N., ÖZDEMİR İ., ÇETİNKAYA B.
XXII. Ulusal Kimya Kongresi, GAZİ MAĞOSA, Cyprus (Kktc), 6 - 09 October 2008
- CLXXXIV. **Karben Katalizli Hidrojen Transferi ile Ketonların İndirgenmesi**
YAŞAR S., KARACA E. Ö., GÜRBÜZ N., ÖZDEMİR İ., ÇETİNKAYA B.
XXII. Ulusal Kimya Kongresi, GAZİ MAĞOSA, Cyprus (Kktc), 6 - 09 October 2008
- CLXXXV. **KARBEN KATALİZLİ HİDROJEN TRANSFERİ İLE KETONLARIN İNDİRGENMESİ**
YAŞAR S., KARACA E. Ö., GÜRBÜZ N., ÖZDEMİR İ., ÇETİNKAYA B.
XXII. ULUSAL KİMYA KONGRESİ, Mağosa, Cyprus (Kktc), 6 - 10 October 2008, pp.104
- CLXXXVI. **PALLADYUM/AZOLYUM KATALİZLİ SUZUKİ EŞLEŞMESİ**
KARACA E. Ö., GÜRBÜZ N., ÖZDEMİR İ., ÇETİNKAYA B.
XXII. ULUSAL KİMYA KONGRESİ, Magosa, Cyprus (Kktc), 6 - 10 October 2008, pp.44
- CLXXXVII. **KARBEN KATALİZLİ HİDROJEN TRANSFERİ İLE KETONLARIN İNDİRGENMESİ**

- YAŞAR S., KARACA E. Ö., GÜRBÜZ N., ÖZDEMİR İ., CETINKAYA B.
XXII. ULUSAL KİMYA KONGRESİ, Mağosa, Cyprus (Kktc), 6 - 10 October 2008, pp.104
- .LXXXVIII. **Palladium Carbene Catalysts for Synthesis of Diaryl Ethers**
Akkoç M., GÜRBÜZ N., Çetinkaya E., ÖZDEMİR İ.
23rd International Conference on Organometallic Chemistry (ICOMC2008), Rennes, France, 13 - 18 July 2008, pp.94
- CLXXXIX. **Palladium Carbene Catalysts for Synthesis of Diaryl Ethers Rennes France 2008**
Akkoç M., GÜRBÜZ N., Çetinkaya E., ÖZDEMİR İ.
23rd International Conference on Organometallic Chemistry (ICOMC2008), 13 - 18 July 2008, pp.94
- CXC. **Palladium Carbene Catalysts for Synthesis of Diaryl Ethers**
Akkoç M., GÜRBÜZ N., Çetinkaya E., ÖZDEMİR İ.
23rd International Conference on Organometallic Chemistry (ICOMC2008), Rennes, France, 13 - 18 July 2008, pp.94
- CXCI. **Smektit Destekli Rutenyum Poliimit Katalizörleri ve Hidrosilasyon Reaksiyonlarının Katalizlenmesi Isparta**
KÖYTEPE S., SEÇKİN T., ÖZDEMİR İ., GÜRBÜZ N.
XIII. Ulusal Kil Sempozyumu, Turkey, 12 - 14 September 2007, pp.449-459
- CXCII. **Palladyum Katalizli Eter Oluşumu**
AKKOÇ M., GÜRBÜZ N., ÖZDEMİR İ., ÇETİNKAYA B.
XXI. Ulusal Kimya Kongresi, Malatya, Turkey, 23 - 28 August 2007
- CXCIII. **Palladium-catalyzed Suzuki reaction of aryl chlorides in aqueous media using tetrahydrodiazepinium salts as carbene ligands**
ÖZDEMİR İ., GÜRBÜZ N., Gök Y., Çetinkaya E., Çetinkaya B.
Recent Advances in Catalysis, Rennes, France, 11 - 15 September 2005, pp.119
- CXCIV. **Palladium catalyzed Suzuki reaction of aryl chlorides in aqueous media using tetrahydrodiazepinium salts as carbene ligands Rennes France RAC 2005**
ÖZDEMİR İ., GÖK Y., GÜRBÜZ N., Çetinkaya E., Çetinkaya B.
Recent Advances in Catalysis, 5 - 09 September 2005, pp.119
- CXCV. **New Ruthenium II and Rhodium Carbene Complexes Derived From Electron Rich Olefins İstanbul 1995**
Çetinkaya B., Çetinkaya E., KÜÇÜKBAY H., ÖZDEMİR İ., GÜRBÜZ N.
35 th IUPAC Congress, 14 - 19 August 1995, pp.1380
- CXCVI. **Palladium-catalyzed Suzuki reaction of aryl chlorides in aqueous media using tetrahydrodiazepinium salts as carbene ligands**
ÖZDEMİR İ., GÜRBÜZ N., Gök Y., Çetinkaya E., Çetinkaya B.
Recent Advances in Catalysis, Rennes, France, 11 June - 15 May 2005, pp.119
- CXCVII. **Synthesis of New Materials Bound Ru(II) Complex Bearing Violegen Segment**
GÜRBÜZ N., Seçkin T., Çetinkaya B., ÖZDEMİR İ.
Chemical Physics V, İstanbul, Turkey, 31 October - 01 November 2002
- CXCVIII. **Synthesis of New Materials Bound Ru(II) Complex Bearing Violegen Segment**
GÜRBÜZ N., Seçkin T., Çetinkaya B., ÖZDEMİR İ.
Chemical Physics V, İstanbul, Turkey, 31 October - 01 November 2002
- CXCIX. **Synthesis of New Materials Bound Ru II Complex Bearing Violegen Segment İstanbul 2002**
GÜRBÜZ N., SEÇKİN T., Çetinkaya B., ÖZDEMİR İ.
Chemical Physics V, 31 October - 01 November 2002, pp.73
- CC. **Synthesis of 3 4 5 dihydroimidazole 1 yl propyltriethoxysilane Bound Ru II Complex New York 2001**
SEÇKİN T., Çetinkaya B., ÖZDEMİR İ., GÜRBÜZ N.
9th International Symposium on Macromolecular-Metal Complexes MMC-9, 19 - 23 August 2001, pp.45
- CCI. **Synthesis of 3,4,5-dihydroimidazole-1-yl-propyltriethoxysilane Bound Ru(II) Complex**
SECKIN T., CETINKAYA B., ÖZDEMİR İ., GÜRBÜZ N.
9th International Symposium on Macromolecular-Metal Complexes MMC-9, Brooklyn, United States Of America, 19

- 23 August 2001, pp.45

CCII. Heterogeneous Hydroformylation Reactions Catalyzed by ruthenium II Functionalized Silicas 44 New York

SEÇKİN T., Kartaca S., GÜLTEK A., GÜRBÜZ N.

9th International Symposium on Macromolecular-Metal Complexes MMC-9, 19 August - 23 September 2001, pp.44

CCIII. Heterogeneous Hydroformylation Reactions Catalyzed by ruthenium (II) Functionalized Silicas

SECKIN T., Kartaca S., Gültek A., GÜRBÜZ N.

9th International Symposium on Macromolecular-Metal Complexes MMC-9, Brooklyn, United States Of America, 19

- 23 August 2001, pp.44

CCIV. New Ruthenium(II) and Rhodium Carbene Complexes, Derived From Electron-Rich Olefins

CETINKAYA B., CETINKAYA E., Küçükbay H., ÖZDEMİR İ., GÜRBÜZ N.

35 th IUPAC Congress, İstanbul, Turkey, 14 August - 19 May 1995, vol.2, pp.1380

Supported Projects

GÜRBÜZ N., ÖZDEMİR İ., BOZTEPE C., KARACA E. Ö., Project Supported by Higher Education Institutions, Pd-N-heterosiklik Karben Katalizli C-C Bağ oluşum Tepkimeleri, 2019 - 2022

YAŞAR S., ÖZDEMİR İ., GÜRBÜZ N., Project Supported by Higher Education Institutions, Organik Sentezde Palladyum Nheterosiklik Karben Kompleks Katalizli CH Bağ Aktivasyon Arilasyon Reaksiyonlarının İncelenmesi, 2019 - 2021

Gürbüz N., Biricik N., Project Supported by Higher Education Institutions, Yeni Süstitüe Aminofosfin ve Palladyum Komplekslerinin Sentezi : Aminasyon Reaksiyonlarında Katalitik Aktivitelerinin Araştırılması, 2019 - 2021

GÜRBÜZ N., YAŞAR S., ÖZDEMİR İ., Project Supported by Higher Education Institutions, Pd-N-Heterosiklik Karben Katalizli Arilasyon Tepkimeleri, 2019 - 2021

Gürbüz N., Şahin N., TUBITAK Project, Yeni Ag(I)-NHC Komplekslerinin Sentezi, Karakterizasyonu ve Antikanser Aktivitelerinin İncelenmesi, 2018 - 2020

ÖZDEMİR İ., YAŞAR S., ÖZDEMİR İ., KARACA E. Ö., ŞAHİN BÖLÜKBAŞI S., ŞAHİN N., GÜRBÜZ N., Project Supported by Higher Education Institutions, Rh ve Ag N-heterosiklik Karben Kompleksleri Sentezi ve Antikanser Özelliklerinin İncelenmesi, 2018 - 2020

Karaca E. Ö., Özdemir İ., Yaşar S., Gürbüz N., TUBITAK Project, Yeni 9. Grup Metal N-Heterosiklik Karben Kompleksleriyle Katalitik C-HBag Arilasyonu, 2018 - 2020

GÜRBÜZ N., Project Supported by Higher Education Institutions, İNÖNÜ ÜNİVERSİTESİ KATALİZ ARAŞTIRMA MERKEZİ NMR LABORATUVARININ DESTEKLENMESİ, 2016 - 2019

Gürbüz N., Adıgüzel R., Project Supported by Higher Education Institutions, Piridin süstitüe bis 1 2 4 triazol türevlerinin palladyum komplekslerinin sentezi ve katalitik aktivitelerinin incelenmesi Bilimsel Araştırma Projeleri Biirimi MUNİBAP Proje No Tunceli Ü Araştırma Projesi MFTUB015 01, 2015 - 2019

Gürbüz N., Boztepe C., TUBITAK Project, N-Heterosiklik Karben-Palladyum Komplekslerinin Heterojenizasyonu ve Katalitik Aktivitelerinin İncelenmesi, 2017 - 2018

GÜRBÜZ N., Project Supported by Higher Education Institutions, İNÖNÜ ÜNİVERSİTESİ KATALİZ ARAŞTIRMA MERKEZİ NMR ALIMI, 2015 - 2018

Gürbüz N., Özdemir İ., Özdemir İ., TÜBİTAK International Bilateral Joint Cooperation Program Project, Suda Çözünebilen Antitümör Potansiyele Sahip Yeni N Heterosiklik Karben Kompleksleri, 2015 - 2017

GÜRBÜZ N., Project Supported by Higher Education Institutions, İNÖNÜ ÜNİVERSİTESİ KATALİZ ARAŞTIRMA MERKEZİNİN ALTYAPISININ GÜÇLENDİRİLMESİ, 2014 - 2017

Gürbüz N., Karaca E. Ö., Project Supported by Higher Education Institutions, Ru N Heterosiklik Karben Kompleksleri ve Özellikleri, 2014 - 2017

Gürbüz N., Özdemir İ., KARACA E. Ö., TUBITAK Project, İnönü Üniversitesi nin Proje Kapasitesinin Artırılması, 2014 - 2016

Gürbüz N., Özdemir İ., Alıcı B., TÜBİTAK International Bilateral Joint Cooperation Program Project, Yeni Rutenyum ve Demir Karben Kompleksleri Sentez ve Katalitik Uygulamalar, 2014 - 2016

Gürbüz N., Şahin N., Project Supported by Higher Education Institutions, N Koordine İmizdazolin ve Benimidazoliğn Ru Komplekslerinin Senetzi in vitro Serbest Radikal Süpürme ve Antioksidan Aktivitelerinin İncelenmesi, 2013 - 2016

Gürbüz N., Kayan C., TUBITAK Project, Kiral Fosfinit Ligandları İçeren Yeni Rutenyum II Komplekslerinin Sentezi ve Ketonların Asimetrik Transfer Hidrojenasyon Reaksiyonundaki Katalitik Aktivitelerinin Araştırılması, 2013 - 2015

Gürbüz N., Özdemir İ., TUBITAK Project, Rutenyum Karben Katalizörlüğünde Aminlerin C ve N Alkilasyonu, 2013 - 2015

Gürbüz N., Karaca E. Ö., Project Supported by Higher Education Institutions, Tetrahidropirimidin Çekirdeği İçeren Karben Öncüllerinin Sentezi ve Özellikleri, 2013 - 2015

Gürbüz N., Project Supported by Higher Education Institutions, Metal Katalizli Sübstitüye Amin Sentezi, 2012 - 2014

Gürbüz N., Özdemir İ., Demir Düşünceli S., TÜBİTAK International Bilateral Joint Cooperation Program Project, Yeni N Heterosiklik Karben Ligantları Taşıyan Demir Komplekslerinin Sentezi ve Katalitik Özellikleri, 2011 - 2013

Gürbüz N., Project Supported by Higher Education Institutions, Metal N Heterosiklik Karben Katalizli Hidrojenasyon, 2011 - 2012

Gürbüz N., Özdemir İ., Alıcı B., TÜBİTAK International Bilateral Joint Cooperation Program Project, N Heterocyclic Carbene Precursors NHC Metal Complexes And Their Applications in Catalysis, 2010 - 2012

Gürbüz N., Project Supported by Higher Education Institutions, Pd Karben Katalizörlüğünde Heteroaromatik Bileşiklerin Arilasyon, 2010 - 2011

Gürbüz N., Özdemir İ., Project Supported by Higher Education Institutions, Yeni Gümüş Altın ve Platin N Heterosiklik Karben Kompleksleri, 2008 - 2009

Gürbüz N., Özdemir İ., Project Supported by Higher Education Institutions, Mikrodalga Varlığında Metal Karben Katalizli C N ve C C Bağ Oluşumları, 2008 - 2009

Gürbüz N., Demir Düşünceli S., TUBITAK Project, Karben Katalizli Transfer Hidrojenasyonu ile Keton ve İminlerin İndirgenmesi, 2007 - 2009

Gürbüz N., Özdemir İ., TÜBİTAK International Bilateral Joint Cooperation Program Project, Formation of C C and C N Bond Catalyzed by N Heterocyclic Carbene Metal Complexes, 2007 - 2009

Gürbüz N., Özdemir İ., TUBITAK Project, N Heterosiklik Metal Karben Katalizli C N ve C C Bağ Oluşum Tepkimeleri, 2006 - 2008

Gürbüz N., Özdemir İ., TUBITAK Project, N Heterosiklik Karben Katalizli C H O H Bağ Aktivasyonu ile Biaril ve Aromatik Eter Sentezi, 2006 - 2008

Gürbüz N., Özdemir İ., Project Supported by Higher Education Institutions, Karben Katalizli C C veya C Heteroatom Bağ Oluşum Tepkimeleri, 2005 - 2007

Özdemir İ., Gürbüz N., Alıcı B., TUBITAK Project, Formation of C C and C N Bond Catalyzed by N Heterocyclic Carbene Metal Complexes, 2005 - 2007

Gürbüz N., Yiğit M., Project Supported by Higher Education Institutions, Kiral Merkezli Karben Komplekslerinin Sentezi ve Katalitik Özellikleri, 2003 - 2005

Gürbüz N., Seçkin T., Özdemir İ., TUBITAK Project, Hibrit Poliimitt Seramik Materyallerin Piridin Temelli Monomerlerden Sentezlenmesi, 2001 - 2004

Gürbüz N., Çetinkaya B., Özdemir İ., Project Supported by Other Official Institutions, Diamino Karben Komplekslerinin Katalitik Uygulamaları, 1998 - 2000

Gürbüz N., Çetinkaya B., Project Supported by Higher Education Institutions, Polimer Destekli Karben Kompleksleri ve Özellikleri, 1997 - 1999

Gürbüz N., Çetinkaya B., Project Supported by Higher Education Institutions, Yeni Ru Pd Rh ve Pt Karben Komplekslerinin Sentezi ve Katalitik Özelliklerinin Araştırılması, 1994 - 1995

Tasks In Event Organizations

Gürbüz N., Özdemir İ., Üniversiteler Arasında Kimya Alanında Bilgi Alışverişi ve Ortak Projeler Geliştirilmesi Çalıştayı, Workshop Organization, Malatya, Turkey, Eylül 2011

Metrics

Publication: 337

Citation (WoS): 2153

Citation (Scopus): 1688

H-Index (WoS): 29

H-Index (Scopus): 27