



Kişisel Bilgiler

İş Telefonu: [+90 362 312 1919](tel:+903623121919) Dahili: 5054

Fax Telefonu: [+90 362 457 6081](tel:+903624576081)

E-posta: namiko@omu.edu.tr

Diğer E-posta: namik.ozdemir@gmail.com

Web: <https://avesis.omu.edu.tr/namiko>

Posta Adresi: Ondokuz Mayıs Üniversitesi Kurupelit Kampüsü Fen Fakültesi Fizik Bölümü 55139 Atakum/SAMSUN



Uluslararası Araştırmacı ID'leri

ScholarID: pRK48HgAAAAJ

ORCID: 0000-0003-3371-9874

Publons / Web Of Science ResearcherID: J-6434-2015

ScopusID: 8398877200

Yoksis Araştırmacı ID: 35762

Eğitim Bilgileri

Doktora, Ondokuz Mayıs Üniversitesi, Fen Bilimleri Enstitüsü, Fizik (Dr), Türkiye 2004 - 2010

Yüksek Lisans, Ondokuz Mayıs Üniversitesi, Fen Bilimleri Enstitüsü, Fizik (YI) (Tezli), Türkiye 2000 - 2003

Lisans, Atatürk Üniversitesi, Fen-Edebiyat Fakültesi, Fizik Bölümü, Türkiye 1995 - 2000

Yabancı Diller

İngilizce, B2 Orta Üstü

Yaptığı Tezler

Doktora, Bazı piridin-2,6-diimin metal komplekslerinin kristal ve moleküler yapılarının deneysel ve teorik yöntemlerle incelenmesi, Ondokuz Mayıs Üniversitesi, Fen Bilimleri Enstitüsü, Fizik (Dr), 2010

Yüksek Lisans, Tek kristal x-ışınları kırınımı yöntemiyle C₁₅H₁₃CIN₄O, C₂₁H₁₉N₃O₃ ve C₂₁H₂₀N₂O₃ moleküllerinin kristal yapı analizleri, Ondokuz Mayıs Üniversitesi, Fen Bilimleri Enstitüsü, Fizik (YI) (Tezli), 2003

Araştırma Alanları

Kataliz ve Katalitik Süreçler, Fizik, Katı ve sıvı yapılar, kristalografi, Elektronik yapı, arayüzeylerin, ince filmlerin ve düşük boyutlu yapıların elektrik özellikleri, Kataliz, Koordinasyon Kimyası, Organik Spektroskopisi, Organometalik Bileşikler

Akademik Unvanlar / Gorevler

Prof. Dr., Ondokuz Mayıs Üniversitesi, Fen Fakültesi, Fizik Bölümü, 2024 - Devam Ediyor

Doç. Dr., Ondokuz Mayıs Üniversitesi, Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, 2016 - 2024

Araştırma Görevlisi, Ondokuz Mayıs Üniversitesi, Fen Fakültesi, Fizik Bölümü, 2010 - 2016

Araştırma Görevlisi, Ondokuz Mayıs Üniversitesi, Lisansüstü Eğitim Enstitüsü, Fizik Anabilim Dalı, 2006 - 2010

Akademik İdari Deneyim

Anabilim/Bilim Dalı Başkanı, Ondokuz Mayıs Üniversitesi, Fen Fakültesi, Fizik Bölümü, 2024 - Devam Ediyor

Bölüm Başkan Yardımcısı, Ondokuz Mayıs Üniversitesi, Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, 2020 - 2022

Verdiği Dersler

FZAE101 Mekanik 1, Lisans, 2022 - 2023, 2021 - 2022, 2019 - 2020

FZAE103 Mekanik Laboratuvarı I, Lisans, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

TBFİZ123 Fizik I, Lisans, 2022 - 2023

TBFİZ113 Fizik I, Lisans, 2021 - 2022, 2020 - 2021, 2019 - 2020

FZAE104 Mekanik Laboratuvarı II, Lisans, 2021 - 2022, 2020 - 2021, 2019 - 2020

FZAE102 Mekanik II, Lisans, 2021 - 2022, 2020 - 2021

TBFİZ116 Fizik II, Lisans, 2020 - 2021

TBFİZ115 Fizik I, Lisans, 2020 - 2021

TBFİZ107 Fizik I, Lisans, 2020 - 2021, 2019 - 2020

FZAE101 Mekanik I, Lisans, 2020 - 2021

FBÖ416 Öğretmenlik Uygulaması, Lisans, 2019 - 2020

TBFİZ114 Fizik II, Lisans, 2019 - 2020

FZO403 Atom ve Moleküler Fiziği I, Lisans, 2018 - 2019, 2017 - 2018

FFİ860 Uzmanlık Alan Dersi II, Yüksek Lisans, 2018 - 2019, 2017 - 2018

İMÖ406 Öğretmenlik Uygulaması, Lisans, 2018 - 2019

TBFİZ105 Fizik I, Lisans, 2018 - 2019, 2017 - 2018

TBFİZ106 Fizik II, Lisans, 2018 - 2019, 2017 - 2018

FFİ859 Uzmanlık Alan Dersi I, Yüksek Lisans, 2018 - 2019

FZO305 Fizikte Matematik Yöntemleri I, Lisans, 2018 - 2019, 2017 - 2018, 2016 - 2017

EGT412 Öğretmenlik Uygulaması, Lisans, 2017 - 2018

SNÖ210 Fen ve Teknoloji Laboratuvar Uygulamaları II, Lisans, 2017 - 2018

FZÖ506 Öğretmenlik Uygulaması, Lisans, 2017 - 2018, 2016 - 2017

FZÖ404 Klasik Mekanik, Lisans, 2016 - 2017

FZO303 İstatistik Fizik, Lisans, 2016 - 2017

FZÖ505 Okul Deneyimi, Lisans, 2016 - 2017

FZÖ403 İstatistik Fizik, Lisans, 2016 - 2017

FZO304 Klasik Mekanik, Lisans, 2016 - 2017

Yönetilen Tezler

Özdemir N., Bazı Organik Hidroksi-Sübstitüe Salisilaldehit Tiyosemikarbazon İzomerlerinin Deneysel ve Teorik Yöntemlerle İncelenmesi, Yüksek Lisans, E.ŞEN(Öğrenci), 2019

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Characterization of the synthesized diaqua-bis(indazole-κN2)bis (nitrate-κO)zinc(II) complex and DFT calculations**
Kucuk C., Celik S., Yurdakul S., Özdemir N., Bülbül H.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1304, 2024 (SCI-Expanded)
- II. **Palladium(II) complexes bearing thioether-NHC ligand: Synthesis, characterization, and their application in Suzuki-Miyaura coupling**
Efecik A., Fırıncı R., Özdemir N., Bülbül H., Günay M. E.
INORGANICA CHIMICA ACTA, cilt.563, 2024 (SCI-Expanded)
- III. **Synthesis of palladium complexes containing benzimidazole core and their catalytic activities in direct arylation of heteroaromatic species**
Seker S., Ulu O. D., GÜRBÜZ N., Özdemir N., ÖZDEMİR İ., Bülbül H.
JOURNAL OF COORDINATION CHEMISTRY, 2024 (SCI-Expanded)
- IV. **Catalytic and biological properties of palladium(II) complexes with bidentate Schiff base ligands**
Ozgur G. K., Dervisoglu G., Ozdemir F. A., Özdemir N., Serbetci Z., DAYAN O.
APPLIED ORGANOMETALLIC CHEMISTRY, cilt.38, sa.2, 2024 (SCI-Expanded)
- V. **Novel Benzotriazole-β-lactam Derivatives as Antimalarial Agents: Design, Synthesis, Biological Evaluation and Molecular Docking Studies**
Aye M., Jarrahpour A., Haghighijoo Z., Heiran R., Pournajati R., Karbalaee-Heidari H. R., Sinou V., Brunel J. M., AKKURT M., Oezdemir N., et al.
CHEMISTRY & BIODIVERSITY, cilt.21, sa.2, 2024 (SCI-Expanded)
- VI. **Synthesis, crystal structure and spectroscopic studies of a new silver complex derived from [1-(3-pyridinyl) ethanone]**
Celik S., Atılgan A., Alp M., Yurdakul S., Demircioğlu Z., Özdemir N., Büyükgüngör O.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1294, 2023 (SCI-Expanded)
- VII. **New indolo-β-lactam hybrids as potential anticancer and anti-inflammatory agents**
Ghaffari S., Jarrahpour A., Özdemir N., Brunel J. M., Rastegari B., Riazimontazer E., Turos E.
MEDICINAL CHEMISTRY RESEARCH, cilt.32, sa.12, ss.2516-2534, 2023 (SCI-Expanded)
- VIII. **AN IMIDAZOLIDIN-2-YLIDENE-BASED Pd-PEPPSI COMPLEX: AN EXPERIMENTAL AND THEORETICAL APPROACH**
Özdemir N., Kaloğlu M., Özdemir İ.
JOURNAL OF STRUCTURAL CHEMISTRY, cilt.64, sa.11, ss.2120-2129, 2023 (SCI-Expanded)
- IX. **EXPERIMENTAL AND THEORETICAL CHARACTERIZATION OF 3-(3,5-DIMETHYLBENZYL)-1-METHYL-3,4,5,6-TETRAHYDROPYRIMIDINIUM TRICHLORIDO(η⁶-p-CYME)RUTHENATE(II)**
Özdemir N., Karaca E. Ö., Gürbüz N., Özdemir İ.
JOURNAL OF STRUCTURAL CHEMISTRY, cilt.64, sa.11, ss.2167-2177, 2023 (SCI-Expanded)
- X. **Antimicrobial activities of bis-(N-alkylbenzimidazole)-cobalt(II) and zinc (II) complexes**
Şahin N., Üstün E., Özdemir İ., Günel S., Özdemir N., Bülbül H., Gürbüz N., Özdemir İ., Sémeril D.
INORGANIC CHEMISTRY COMMUNICATIONS, cilt.157, 2023 (SCI-Expanded)
- XI. **Benzimidazol-2-ylidene Silver Complexes: Synthesis, Characterization, Antimicrobial and Antibiofilm Activities, Molecular Docking and Theoretical Investigations**
Tutar U., Çelik C., Üstün E., Özdemir N., Şahin N., Sémeril D., Gürbüz N., Özdemir İ.
INORGANICS, cilt.11, sa.10, 2023 (SCI-Expanded)
- XII. **Ruthenium, rhodium and iridium complexes of a silyl-substituted N-heterocyclic carbene ligand and their catalytic performance in hydrosilylation of terminal alkynes**
MUMCU A., KARATAŞ M. O., Özdemir N., ERDOĞAN A., KÜÇÜKBAY H.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, cilt.997, 2023 (SCI-Expanded)
- XIII. **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., ÖZDEMİR İ.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1281, 2023 (SCI-Expanded)
- XIV. **Synthesis, experimental and theoretical characterization of an unsymmetrical bis-benzimidazolium**

nitrate salt

Özdemir N., KARATAŞ M. O., KÜÇÜKBAY H.

MOLECULAR CRYSTALS AND LIQUID CRYSTALS, cilt.758, sa.1, ss.25-35, 2023 (SCI-Expanded)

- XV. **Biological determination, molecular docking and Hirshfeld surface analysis of rhodium(I)-N-heterocyclic carbene complex: Synthesis, crystal structure, DFT calculations, optical and non linear optical properties**
Zouaghi M. O., Amri N., Hassen S., Arfaoui Y., Özdemir N., ÖZDEMİR İ., Hamdi N.
INORGANICA CHIMICA ACTA, cilt.551, 2023 (SCI-Expanded)
- XVI. **Synthesis, crystallographic structure, theoretical analysis, molecular docking studies, electronic properties and biological activity evaluation of ruthenium-complex bearing N-heterocyclic carbene ligand**
Slimani I., Amri N., Mukhrish Y. E., GÜRBÜZ N., ÖZDEMİR İ., Ghalla H., Özdemir N., Mansour L., Hamdi N.
NEW JOURNAL OF CHEMISTRY, cilt.47, sa.24, ss.11708-11722, 2023 (SCI-Expanded)
- XVII. **Structural and spectroscopic characterization, electronic properties, and biological activity of the 4-(3-methoxyphenyl)piperazin-1-ium 4-(3-methoxyphenyl)piperazine-1-carboxylate monohydrate**
Kucuk C., YURDAKUL Ş., Özdemir N., ERDEM B.
CHEMICAL PAPERS, cilt.77, sa.5, ss.2793-2815, 2023 (SCI-Expanded)
- XVIII. **Synthesis of a cationic ruthenium(ii) complex and its non-enzymatic glucose-sensing properties**
DAYAN S., Özdemir N., ERDENER ÇIRALI D., DAYAN O., cetinkaya B.
NEW JOURNAL OF CHEMISTRY, cilt.47, ss.10187-10194, 2023 (SCI-Expanded)
- XIX. **Crystal structure, vibrational spectroscopy, ¹H NMR, and DFT analyses with antibacterial activity studies on silver nitrate complex of 5-iodoindole**
Kucuk C., YURDAKUL Ş., Özdemir N., ERDEM B.
INORGANIC CHEMISTRY COMMUNICATIONS, cilt.150, 2023 (SCI-Expanded)
- XX. **Simultaneous reduction of 4-nitrophenol, 4-nitroaniline and methylene blue organic pollutants via TiO₂ supported Pd(II) complex catalyst bearing 2-(6-methylpyridin-2-yl)-1H-benzimidazole type ligand**
TERCAN YAVAŞOĞLU M., DAYAN O., Özdemir N.
POLYHEDRON, cilt.232, 2023 (SCI-Expanded)
- XXI. **Synthesis, Experimental and Theoretical Characterization of (μ₄-oxo)hexakis(μ₂-chloro)-tetrakis[1-(allyl)-1H-imidazole]tetracopper(II)**
Özdemir N., Fırıncı R., Günay M. E.
CROATICA CHEMICA ACTA, cilt.96, sa.1, ss.1-8, 2023 (SCI-Expanded)
- XXII. **A hydrazine-bridged dinuclear ruthenium complex: Structural properties and biological activity**
ERDENER ÇIRALI D., Dervisoglu G., ÖZDEMİR F. A., ŞERBETÇİ Z., Özdemir N., DAYAN O.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1272, 2023 (SCI-Expanded)
- XXIII. **Cu(I)-N-heterocyclic carbene complexes bearing a naphthyl substituent: synthesis, characterization, and antimicrobial activities**
Tokatli A., Demir B., Kiliç N., Kurt Kızıldoğan A., Otur Ç., Kiliçarslan R., Karakaş H., Özdemir N., Bülbül H.
JOURNAL OF COORDINATION CHEMISTRY, cilt.76, sa.13-15, ss.1745-1762, 2023 (SCI-Expanded)
- XXIV. **Benzimidazol-2-ylidene ruthenium complexes for C-N bond formation through alcohol dehydrogenation**
Nawaz Z., Gürbüz N., Zafar M. N., Özdemir N., Çetinkaya B., Özdemir İ.
TURKISH JOURNAL OF CHEMISTRY, cilt.47, sa.5, ss.1209-1223, 2023 (SCI-Expanded)
- XXV. **N,S-heterocyclic carbene containing benzothiazol-2-ylidene-Ru(II) and Pd(II) new complexes functionalized with butyl linked carbazole moiety: Synthesis, characterization and their catalytic efficiency and electropolymerizations**
Karakas H., Guzel M., AK M., KILINÇARSLAN R., Özdemir N.
EUROPEAN POLYMER JOURNAL, cilt.181, 2022 (SCI-Expanded)
- XXVI. **Cu(II)(PhOMe-Salophen) Complex: Greener Pasture Biological Study, XRD/HAS Interactions, and MEP**

- Sengupta U., Periyasamy M., Mukhopadhyay S., Hasija A., Chopra D., oezdemir N., Said M. A., Bera M. K.
RUSSIAN JOURNAL OF INORGANIC CHEMISTRY, cilt.67, sa.SUPPL 2, 2022 (SCI-Expanded)
- XXVII. **Silyl-functionalised silver rhodium and iridium N-heterocyclic carbene complexes with promising cytotoxicity and antimicrobial potential**
KARATAŞ M. O., Keskin T., Özdemir N., KÜÇÜKBAY H., TEKİN S., Mansur A., GÜNAL S., SANDAL S.
INORGANIC CHEMISTRY COMMUNICATIONS, cilt.146, 2022 (SCI-Expanded)
- XXVIII. **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., Özdemir N., ÖZDEMİR İ., GÜRBÜZ N., Mansour L., Gatri R., Hamdi N.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1265, 2022 (SCI-Expanded)
- XXIX. **Synthesis, spectroscopic characterization and antimicrobial properties of silyl-tethere d benzimidazolium salts**
YİĞİT M., ŞİRECİ N., GÜNAL S., Onderci M., Özdemir N., Arinc A., YİĞİT B., ÖZDEMİR İ.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1264, 2022 (SCI-Expanded)
- XXX. **Synthesis, in-vitro biological evaluation, and molecular docking study of novel spiro-beta-lactam-isatin hybrids**
Jarrahpour A., Jowkar Z., Haghighijoo Z., Heiran R., Rad J. A., Sinou V., Rouvier F., Latour C., Brunel J. M., Özdemir N.
MEDICINAL CHEMISTRY RESEARCH, cilt.31, sa.6, ss.1026-1034, 2022 (SCI-Expanded)
- XXXI. **Substituted N -heterocyclic carbene PEPSI-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., Özdemir N., Mansour L., ÖZDEMİR İ., GÜRBÜZ N., YAŞAR S., Sauthier M., Hamdi N.
INORGANICA CHIMICA ACTA, cilt.532, 2022 (SCI-Expanded)
- XXXII. **Synthesis, characterization, crystal structure, Hirshfeld surface analysis, and theoretical study on a N-heterocyclic carbene salt and two NHC-palladium complexes**
Özdemir N., KALOĞLU M., Kaloglu N., GÜRBÜZ N., ÖZDEMİR İ.
INORGANIC AND NANO-METAL CHEMISTRY, cilt.52, sa.4, ss.493-504, 2022 (SCI-Expanded)
- XXXIII. **New benzimidazolium N-heterocyclic carbene precursors and their related Pd-NHC complex PEPSI-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., Özdemir N., GÜRBÜZ N., ÖZDEMİR İ.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1248, 2022 (SCI-Expanded)
- XXXIV. **4,5-Dihydro-imidazol-2-ylidene-linked palladium complexes as catalysts for the direct C-H bond arylation of azoles**
KALOĞLU M., Özdemir N., ÖZDEMİR İ.
APPLIED ORGANOMETALLIC CHEMISTRY, 2022 (SCI-Expanded)
- XXXV. **Activity analysis of new N-heterocyclic carbenes and silver N-heterocyclic carbene molecules against novel coronavirus by UV-vis, fluorescence spectroscopy and molecular docking**
ÜSTÜN E., Özdemir N., ŞAHİN N.
JOURNAL OF COORDINATION CHEMISTRY, cilt.74, sa.21-24, ss.3109-3126, 2021 (SCI-Expanded)
- XXXVI. **Biologically active acylthioureas and their Ni(II) and Cu(II) Complexes: Structural, spectroscopic, anti-proliferative, nucleolytic and antimicrobial studies**
Oyeka E. E., BABAHAN İ., Eboma B., Ifeanyieze K. J., Okpareke O. C., Coban E. P., ÖZMEN A., ÇOBAN B., AKSEL M., Özdemir N., et al.
INORGANICA CHIMICA ACTA, cilt.528, 2021 (SCI-Expanded)
- XXXVII. **Synthesis of new Pd(NHC)-PEPSI type complexes as catalysts toward C-C cross-coupling reactions**
Nawaz Z., GÜRBÜZ N., Zafar M. N., Özdemir N., Habib U., Jan K., ÖZDEMİR İ.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1243, 2021 (SCI-Expanded)
- XXXVIII. **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., Özdemir N., GÜRBÜZ N., ÖZDEMİR İ.
DALTON TRANSACTIONS, cilt.50, sa.42, ss.15400-15412, 2021 (SCI-Expanded)
- XXXIX. **Supramolecular Ni(II) complex aggregates with a circular linkage of intermolecular multi-hydrogen bonding frameworks based on thiosemicarbazone, and a Cu(II) complex: Synthesis, structural, DFT, electrochemical and antioxidant studies**
AVCU ALTIPARMAK E., YAZAR AYDOĞAN S., Özdemir N., BAL DEMİRCİ T., ÜLKÜSEVEN B.
POLYHEDRON, cilt.209, 2021 (SCI-Expanded)
- XL. **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., ÖZDEMİR İ.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, cilt.951, 2021 (SCI-Expanded)
- XLII. **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., ÖZDEMİR İ.
NEW JOURNAL OF CHEMISTRY, cilt.45, sa.38, ss.17878-17892, 2021 (SCI-Expanded)
- XLII. **Water-soluble silver(I) complexes with N-donor benzimidazole ligands containing an imidazolium core: stability and preliminary biological studies**
KARATAŞ M. O., Özdemir N., Sariman M., GÜNAL S., Ulukaya E., ÖZDEMİR İ.
DALTON TRANSACTIONS, sa.33, ss.11596-11603, 2021 (SCI-Expanded)
- XLIII. **Synthesis, catalytic, cytotoxic, and antibacterial properties of new Ru(II) and Pd(II) complexes bearing bidentate Schiff base ligand**
Selvi G., ÖZDEMİR F. A., AYKUTOĞLU G., Özdemir N., ŞERBETÇİ Z., Dincer M., DAYAN O.
INORGANIC AND NANO-METAL CHEMISTRY, cilt.51, sa.12, ss.1697-1706, 2021 (SCI-Expanded)
- XLIV. **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, cilt.525, 2021 (SCI-Expanded)
- XLV. **Synthesis and characterization of the N-heterocyclic carbene ligand (NHC) precursors bearing long-alkyl chain substituent and the corresponding Ru(II)-carbene complexes for transfer hydrogenation catalysts**
Ertugrul E., FIRINCI R., Özdemir N., GÜNAY M. E.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, cilt.948, 2021 (SCI-Expanded)
- XLVI. **Synthesis, crystal structures and catalytic activities of palladium complexes with coumarin-functionalised N-heterocyclic carbene ligands**
Akpunar C., Özdemir N., KARATAŞ M. O., ALICI B., ÖZDEMİR İ.
INORGANIC CHEMISTRY COMMUNICATIONS, cilt.131, 2021 (SCI-Expanded)
- XLVII. **Spectroscopic and Theoretical Studies and Intramolecular Proton Transfer in (Z)-2-Hydroxy-6-(((2-methoxy-5-(trifluoromethyl)phenyl)amino)methylene)cyclohexa-2,4-dien-1-one**
Özdemir Tarı G., Kirca B. K., Tasdogan M., Özdemir N., Açar E.
RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY A, cilt.95, sa.8, ss.1621-1631, 2021 (SCI-Expanded)
- XLVIII. **The first use of [PdBr₂(imidazolidin-2-ylidene)(pyridine)] catalysts in the direct C-H bond arylation of C2-substituted furan and thiophene**
KALOĞLU M., Kaloglu N., Özdemir N., ÖZDEMİR İ.
RESEARCH ON CHEMICAL INTERMEDIATES, cilt.47, sa.7, ss.2821-2843, 2021 (SCI-Expanded)
- XLIX. **Synthesis, characterization and catalytic activity of N-heterocyclic carbene ligated Schiff base palladacycles**
BABAHAN İ., FIRINCI R., Özdemir N., Gunay M. E.
INORGANICA CHIMICA ACTA, cilt.522, 2021 (SCI-Expanded)

- L. **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., Özdemir N., ÖZDEMİR İ., İSPİR E.
NEW JOURNAL OF CHEMISTRY, cilt.45, sa.25, ss.11075-11085, 2021 (SCI-Expanded)
- LI. **Experimental and quantum mechanical investigation on two N-heterocyclic carbene palladium complexes**
Özdemir N., Touj N., YAŞAR S., Hamdi N., ÖZDEMİR İ.
MOLECULAR CRYSTALS AND LIQUID CRYSTALS, cilt.714, sa.1, ss.26-36, 2021 (SCI-Expanded)
- LII. **Catalytic and biological activities of homoleptic palladium(II) complexes bearing the 2-aminobenzothiazole moiety**
DAYAN S., Tercan M., Özdemir F. A., Aykutoğlu G., Özdemir N., Şerbetçi Z., Dinçer M., DAYAN O.
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- LIIL. **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., ÖZDEMİR İ.
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- LIV. **Pd-PEPSI: X-ray Structure, Spectroscopic Analyses, and Quantum Mechanical Studies**
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- LV. **Comparative structural, spectroscopic and nonlinear optical analysis of a Schiff base compound with experimental and theoretical methods (HF, B3LYP and WB97X-D)**
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- LVI. **The synthesis of new PEPSI-type N-heterocyclic carbene (NHC)-Pd(II) complexes bearing long alkyl chain as precursors for the synthesis of NHC-stabilized Pd(0) nanoparticles and their catalytic applications**
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- LVII. **The preparation of new palladium (II) complexes with Schiff base type ligands and its impregnated Al(2)O(3)materials: As the catalysts for degradation/reduction of organic dyes**
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- LVIII. **Synthesis, thermal, electrochemical and catalytic behavior toward transfer hydrogenation investigations of the half-sandwich Ru-II complexes with 2-(2'-quinolyl)benzimidazoles**
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- LIX. **Synthesis of ferrocenyl imidazolium salts and their novel PEPSI-type N-heterocyclic carbene (NHC) palladium complexes**
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- LX. **SYNTHESIS, SPECTROSCOPY, X-RAY CRYSTALLOGRAPHY, AND DFT CALCULATIONS OF (E)-4-[(2-HYDROXYPHENYL) IMINO]METHYL}PHENYL BENZENESULFONATE**
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- LXI. **Palladium(II) complexes assembled on solid materials: as catalysts for the -NO₂ (nitro) to -NH₂ (amine) reactions**
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- LXIII. **Synthesis, structural, cytotoxic and pharmacokinetic evaluation of some thiosemicarbazone derivatives**
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- LXIV. **Synthesis, antimicrobial properties, and theoretical analysis of benzimidazole-2-ylidene silver(I) complexes**
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- LXV. **First used of Alkylbenzimidazole-Cobalt(II) complexes as a catalyst for the N -Alkylation of amines with alcohols under solvent -free medium**
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- LXIX. **Investigations of antiproliferative and antioxidant activity of beta-lactam morpholino-1,3,5-triazine hybrids**
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- LXX. **Thiosemicarbazone ligand, nickel(II) and ruthenium(II) complexes based on vitamin B6 vitamer: The synthesis, different coordination behaviors and antioxidant activities**
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- LXXV. **New Chalcone Derivative: Synthesis, Characterization, Computational Studies and Antioxidant Activity**
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- LXXXVI. **N-heterocyclic carbene palladium complexes with different N-coordinated ligands: Comparison of their catalytic activities in Suzuki-Miyaura and Mizoroki-Heck reactions**
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- LXXXVIII. **Structural and Spectroscopic Characterization of N-(2-Amino-4,5-Dichlorophenyl)-N-(Phenylsulfonyl)Benzenesulfonamide: a Joint Experimental and Quantum Chemical Study**
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- LXXXI. **The formation of a metallosupramolecular porous helicate through salicylaldehydethiosemicarbazone: Synthesis, Characterization, Cytotoxic activity, DNA binding and DFT calculations**
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- LXXXIII. **Microwave-assisted synthesis of 1-substituted-1H-benzimidazolium salts: Non-competitive inhibition of human carbonic anhydrase I and II**
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- LXXXIV. **Structural, spectroscopic, radical scavenging activity, molecular docking and DFT studies of a synthesized Schiff base compound**
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- LXXXV. **Enhanced Performance of Organic/Inorganic Hybrid Nanomaterials bearing Impregnated [PdL2] Complexes as Counter-Electrode Catalyst for Dye-Sensitized Solar Cells**
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- LXXXVI. **Hydrogen-bonded and -stacked nickel(II) thiosemicarbazone complexes: Synthesis, spectral and structural studies**
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- XCIV. **Synthesis, X-ray diffraction method, spectroscopic characterization (FT-IR, H-1 and C-13 NMR), antimicrobial activity, Hirshfeld surface analysis and DFT computations of novel sulfonamide derivatives**
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- XCVIII. **Synthesis, spectral, X-ray diffraction and DFT studies on 1-(2-methyl-2-propenyl)-3-(2,3,4,5,6-pentamethylbenzyl)benzimidazolium chloride hydrate**
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- CII. **Synthesis, crystal structure, spectroscopic characterization and DFT studies of bis[(1Z,2E)-N-(2,6-diethylphenyl)-N'-hydroxy-2(hydroxyimino)acetimidamido]nickel(II)**
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- CIII. **Synthesis of a new heterocyclic Schiff base ligand "(E)-5-benzoyl-4-phenyl-1-((pyridin-2-ylmethylene) amino) pyrimidin-2(1H)-one": An experimental and computational modeling study**
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- CIV. **Syntheses and molecular structures of novel Ru(II) complexes with bidentate benzimidazole based ligands and their catalytic efficiency for oxidation of benzyl alcohol**
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- CVI. **Synthesis, crystal structure analysis, spectral characterization, quantum chemical calculations, antioxidant and antimicrobial activity of 3-(4-chlorophenyl)-3a,4,7,7a-tetrahydro-4,7-methanobenzo[d]isoxazole**
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- CIX. **Crystal structure of (Z)-1-(1,5-dimethyl-1H-pyrazol-3-yl)-3-hydroxybut-2-en-1-one C₉H₁₂N₂O₂**
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- CX. **Synthesis, molecular structure, spectroscopic characterization, NBO, NLO and NPA analysis and in vitro cytotoxicity study of 3-chloro-N-(4-sulfamoylphenethyl)propanamide with experimental and computational study**
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- CXII. **Supramolecular nickel complex based on thiosemicarbazone. Synthesis, transfer hydrogenation and unexpected thermal behavior**
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- CXIII. **Synthesis, Structural, and Spectroscopic (FT-IR, NMR, and UV) Characterization of 1-(Cyclohexylmethyl)-2-(pyridin-2-yl)-1H-benzo[d]imidazole by Experimental Techniques and**

Quantum Chemical Calculations

Özdemir N., DAYAN O., Demirmen S.

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- CXIV. **Investigation of enol-imine/keto-amine tautomerism in (E)-4-[(2-hydroxybenzylidene)amino]phenyl benzenesulphonate by experimental and molecular modelling methods**
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- CXV. **Spectroscopic, electrochemical and X-ray diffraction studies on nickel(II)-complexes of acetophenone thiosemicarbazones substituted six-carbon groups**
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- CXVI. **Functionalized imidazolium and benzimidazolium salts as paraoxonase 1 inhibitors: Synthesis, characterization and molecular docking studies**
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- CXVII. **In Vitro Antifungal, Anticancer Activities and POM Analyses of a Novel Bioactive Schiff Base 4-[(E)-furan-2-ylmethylidene]amino]p-henol: Synthesis, Characterization and Crystal Structure**
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- CXVIII. **Enol-imine/keto-amine tautomerism of (E)-4-[(2-hydroxybenzylidene)amino]phenyl benzenesulfonate**
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- CXIX. **Bicyclic N-heterocyclic carbene (NHC) ligand precursors and their palladium complexes**
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- CXXI. **Theoretical and experimental investigation of 4-[(2-hydroxy-3-methylbenzylidene)amino]benzenesulfonamide: Structural and spectroscopic properties, NBO, NLO and NPA analysis**
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ERDENER ÇIRALI D., DAYAN O., Özdemir N., Hacloglu N.
POLYHEDRON, cilt.88, ss.170-175, 2015 (SCI-Expanded)
- CXXIV. **A novel one-pot synthesis of heterocyclic compound (4-benzoyl-5-phenyl-24 pyridin-2-yl)-3,3a-dihydropyrazolo[1,5-c]pyrimidin-7(6H)-one: Structural (X-ray and DFT) and spectroscopic (FT-IR, NMR, UV-Vis and Mass) characterization Studies**
ÖZDEMİR M., SÖNMEZ M., ŞEN F., Dincer M., Ozdemir N.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.137, ss.1304-1314, 2015 (SCI-Expanded)
- CXXV. **Direct and solvent-assisted keto-enol tautomerism and hydrogen-bonding interactions in 4-(m-**

chlorobenzylamino)-3-phenyl-4,5-dihydro-1H-1,2,4-triazol-5-one: a quantum-chemical study

Arslan N. B., Özdemir N.

JOURNAL OF MOLECULAR MODELING, cilt.21, sa.1, 2015 (SCI-Expanded)

- CXXVI. **Heteroleptic ruthenium(II) complexes of 2-(2-pyridyl)benzimidazoles: A study of catalytic efficiency towards transfer hydrogenation of acetophenone**

DAYAN O., Demirmen S., Özdemir N.

POLYHEDRON, cilt.85, ss.926-932, 2015 (SCI-Expanded)

- CXXVII. **Palladium(II) complexes bearing bidentate pyridyl-sulfonamide ligands: Synthesis and catalytic applications**

DAYAN S., ÇETİN A., Arslan N. B., ÖZPOZAN N., Özdemir N., DAYAN O.

POLYHEDRON, cilt.85, ss.748-753, 2015 (SCI-Expanded)

- CXXVIII. **Iron(III) and nickel(II) complexes as potential anticancer agents: synthesis, physicochemical and structural properties, cytotoxic activity and DNA interactions**

Bal-Demirci T., ÇONGUR G., ERDEM GÜRSAN K. A., Erdem-Kuruca S., Özdemir N., AKGÜN DAR K., VAROL B., ÜLKÜSEVEN B.

NEW JOURNAL OF CHEMISTRY, cilt.39, sa.7, ss.5643-5653, 2015 (SCI-Expanded)

- CXXIX. **Structural and spectroscopic characterization of a thiosemicarbazidatodioxouranium(VI) complex: A combined experimental and DFT study**

ŞAHİN M., Özdemir N., Bal-Demirci T., ÜLKÜSEVEN B., Dincer M., SOYLU M. S.

SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.135, ss.994-1001, 2015 (SCI-Expanded)

- CXXX. **Synthesis of some ruthenium(II)-Schiff base complexes bearing sulfonamide fragment: New catalysts for transfer hydrogenation of ketones**

DAYAN S., ÖZPOZAN N., Özdemir N., DAYAN O.

JOURNAL OF ORGANOMETALLIC CHEMISTRY, cilt.770, ss.21-28, 2014 (SCI-Expanded)

- CXXXI. **Synthesis and characterization of 2,2'-(pyridine-2,6-diyl)bis (1H-benzo[d]imidazol-3-ium) 2,4,6-trimethylbenzenesulfonate chloride by experimental and theoretical methods**

Özdemir N., DAYAN O., TERCAN YAVAŞOĞLU M., Cetinkaya B.

SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.131, ss.145-152, 2014 (SCI-Expanded)

- CXXXII. **Direct and solvent-assisted thione-thiol tautomerism in 5-(thiophen-2-yl)-1,3,4-oxadiazole-2(3H)-thione: Experimental and molecular modeling study**

Arslan N. B., Özdemir N., DAYAN O., DEGE N., KOPARIR M., Koparir P., MUĞLU H.

CHEMICAL PHYSICS, cilt.439, ss.1-11, 2014 (SCI-Expanded)

- CXXXIII. **Synthesis, characterization and catalytic activity of Pd(II) complexes with N-allyl functionalized imidazol-2-ylidenes in Suzuki-Miyaura reaction**

Gumusada R., Özdemir N., Gunay M. E., Dincer M., SOYLU M. S., Cetinkaya B.

APPLIED ORGANOMETALLIC CHEMISTRY, cilt.28, sa.5, ss.324-331, 2014 (SCI-Expanded)

- CXXXIV. **Electrochemistry and structural properties of new mixed ligand nickel(II) complexes based on thiosemicarbazone**

GÜVELİ Ş., KOCA A., Özdemir N., Bal-Demirci T., ÜLKÜSEVEN B.

NEW JOURNAL OF CHEMISTRY, cilt.38, sa.11, ss.5582-5589, 2014 (SCI-Expanded)

- CXXXV. **Theoretical investigation of thione-thiol tautomerism, intermolecular double proton transfer reaction and hydrogen bonding interactions in 4-ethyl-5-(2-hydroxyphenyl)-2H-1,2,4-triazole-3(4H)-thione**

Özdemir N., Türkpençe D.

COMPUTATIONAL AND THEORETICAL CHEMISTRY, cilt.1025, ss.35-45, 2013 (SCI-Expanded)

- CXXXVI. **Synthesis, spectroscopic (FT-IR/NMR) characterization, X-ray structure and DFT studies on (E)-2-(1-phenylethylidene) hydrazinecarboximidamide nitrate hemimethanol**

Özdemir N., İNKAYA E., SARIPINAR E., Akyüz L., İLHAN İ. Ö., Aydın S., Dincer M., Buyukgungor O.

SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.114, ss.175-182, 2013

(SCI-Expanded)

- CXXXVII. **Dioxouranium(VI) complexes with N2O2 chelating thiosemicarbazones [UO2L(R-OH)]**
ŞAHİN M., Bal-Demirci T., Özdemir N., ÜLKÜSEVEN B.
JOURNAL OF COORDINATION CHEMISTRY, cilt.66, sa.20, ss.3519-3530, 2013 (SCI-Expanded)
- CXXXVIII. **Experimental and molecular modeling investigation of (E)-N-{2-[(2-hydroxybenzylidene)amino]phenyl}benzenesulfonamide**
Özdemir N., DAYAN S., DAYAN O., Dincer M., ÖZPOZAN N.
MOLECULAR PHYSICS, cilt.111, sa.6, ss.707-723, 2013 (SCI-Expanded)
- CXXXIX. **Synthesis, spectroscopic characterization, X-ray structure and DFT studies on 2,6-bis(1-benzyl-1H-benzo[d]imidazol-2-yl)pyridine**
Inkaya E., GÜNNÄZ S., Özdemir N., DAYAN O., Dincer M., Cetinkaya B.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.103, ss.255-263, 2013 (SCI-Expanded)
- CXL. **Quantum chemical investigation of the intra- and intermolecular proton transfer reactions and hydrogen bonding interactions in 4-amino-5-(2-hydroxyphenyl)-2H-1,2,4-triazole-3(4H)-thione**
Özdemir N.
JOURNAL OF MOLECULAR MODELING, cilt.19, sa.1, ss.397-406, 2013 (SCI-Expanded)
- CXLI. **Synthesis and characterization of SiO2-supported ruthenium complexes containing aromatic sulfonamides: as catalysts for transfer hydrogenation of acetophenone**
DAYAN S., ÖZPOZAN N., DAYAN O., Özdemir N., Dincer M., Buyukgungor O.
DALTON TRANSACTIONS, cilt.42, sa.14, ss.4957-4969, 2013 (SCI-Expanded)
- CXLII. **Synthesis and catalytic activity of ruthenium(II) complexes containing pyridine-based tridentate triamines ('NNN') and pyridine carboxylate ligands (NO)**
DAYAN O., Özdemir N., ŞERBETÇİ Z., Dincer M., Cetinkaya B., Buyukgungor O.
INORGANICA CHIMICA ACTA, cilt.392, ss.246-253, 2012 (SCI-Expanded)
- CXLIII. **Structural and spectroscopic characterization of 2-mesityl-1H-benzo[d]imidazol-3-ium chloride: A combined experimental and theoretical analysis**
Özdemir N.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.91, ss.51-60, 2012 (SCI-Expanded)
- CXLIV. **Copper(II) and cobalt(II) complexes of 2,6-diacetylpyridine bis(O-methyloxime): A theoretical investigation**
Özdemir N., Dayan O., Dincer M., Cetinkaya B.
JOURNAL OF STRUCTURAL CHEMISTRY, cilt.53, sa.2, ss.251-259, 2012 (SCI-Expanded)
- CXLV. **Concomitant polymorphism of a pyridine-2,6-dicarboxamide derivative in a single space group: Experimental and molecular modeling study**
Özdemir N., DAYAN O., Cetinkaya B., AKGÜL C.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.86, ss.614-624, 2012 (SCI-Expanded)
- CXLVI. **Synthesis, spectroscopic characterization, X-ray structure and DFT studies on 4-(2-hydroxyphenyl)-4,5,6,7-tetrahydro-1H-imidazo[4,5-c]pyridin-5-ium chloride hydrate**
TÜRKYILMAZ M., Özdemir N., Baran Y.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.82, sa.1, ss.360-367, 2011 (SCI-Expanded)
- CXLVII. **Quantum-Chemical, IR, NMR, and X-ray Diffraction Studies on 2-(4-Chlorophenyl)-1-methyl-1H-benzo[d]imidazole**
Özdemir N., EREN B., Dincer M., Bekdemir Y.
INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY, cilt.111, sa.12, ss.3112-3124, 2011 (SCI-Expanded)
- CXLVIII. **Synthesis of Ruthenium(II) Complexes Containing Tridentate Triamine ('(NNN)over-cap ') and Bidentate Diamine Ligands (('NN)over-cap '): as Catalysts for Transfer Hydrogenation of Ketones**
GÜNNÄZ S., Özdemir N., DAYAN S., DAYAN O., Cetinkaya B.

ORGANOMETALLICS, cilt.30, sa.15, ss.4165-4173, 2011 (SCI-Expanded)

CXLIX. **1,1'-(Piperazine-1,4-diyl)dipropen-2-ol**

TÜRKYILMAZ M., Baran Y., Özdemir N.

ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, cilt.67, 2011 (SCI-Expanded)

CL. **2-[2-(1H-Imidazol-3-ium-5-yl)ethyl]-3-(pyridin-2-yl)-2H-imidazo[1,5-a]pyridin-4-ium bis(perchlorate)**

TÜRKYILMAZ M., Baran Y., Özdemir N.

ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, cilt.67, 2011 (SCI-Expanded)

CLI. **The asymmetric ONNO complexes of dioxouranium(VI) with N-1,N-4-diarylidene-S-propyl-thiosemicarbazones derived from 3,5-dichlorosalicylaldehyde: Synthesis, spectroscopic and structural studies**

Özdemir N., ŞAHİN M., Bal-Demirci T., ÜLKÜSEVEN B.

POLYHEDRON, cilt.30, sa.3, ss.515-521, 2011 (SCI-Expanded)

CLII. **A comparative DFT study of the physical properties of a 1,2,4-triazole compound**

Dincer M., Özdemir N.

ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, cilt.67, 2011 (SCI-Expanded)

CLIII. **Quantum-chemical, spectroscopic and X-ray diffraction studies on nickel complex of 2-hydroxyacetophenone thiosemicarbazone with triphenylphosphine**

GÜVELİ Ş., Özdemir N., Bal-Demirci T., ÜLKÜSEVEN B., Dincer M., Andaç Ö.

POLYHEDRON, cilt.29, sa.12, ss.2393-2403, 2010 (SCI-Expanded)

CLIV. **Synthesis, spectroscopic and structural characterization of cobalt(II) complex with uracil-containing 2,6-diformylpyridine ligand: Theoretical studies on the ligand and pentagonal-bipyramidal [Co(L)(H₂O)(2)](2+) and [Zn(L)(H₂O)(2)](2+) cations**

Koz G., Özdemir N., ASTLEY D., Dincer M., ASTLEY S. T.

JOURNAL OF MOLECULAR STRUCTURE, cilt.966, sa.1-3, ss.39-47, 2010 (SCI-Expanded)

CLV. **An experimental and theoretical approach to the molecular structure of 2-{4-[3-(2,5-dimethylphenyl)-3-methylcyclobutyl]thiazol-2-yl}isoindoline-1,3-dione**

Özdemir N., Dincer M., ÇUKUROVALI A.

JOURNAL OF MOLECULAR MODELING, cilt.16, sa.2, ss.291-302, 2010 (SCI-Expanded)

CLVI. **Experimental and DFT studies on a pyrimidine-thione derivative**

Dincer M., Özdemir N., KOCA İ., Yildirim I.

ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, cilt.66, 2010 (SCI-Expanded)

CLVII. **Experimental and ab initio computational studies on 4-(1H-benzo[d]imidazol-2-yl)-N,N-dimethylaniline**

Özdemir N., EREN B., Dincer M., Bekdemir Y.

MOLECULAR PHYSICS, cilt.108, sa.1, ss.13-24, 2010 (SCI-Expanded)

CLVIII. **Synthesis, X-ray crystal structures, thermal and electrochemical properties of thiosemicarbazidatodioxouranium(VI) complexes**

ŞAHİN M., KOCA A., Özdemir N., Dincer M., Buyukgungor O., Bal-Demirci T., ÜLKÜSEVEN B.

DALTON TRANSACTIONS, cilt.39, sa.42, ss.10228-10237, 2010 (SCI-Expanded)

CLIX. **Experimental and theoretical investigation of the molecular and electronic structure of 5-(4-aminophenyl)-4-(3-methyl-3-phenylcyclobutyl)thiazol-2-amine**

Oezdemir N., Dincer M., ÇUKUROVALI A., Bueyuekguengoer O.

JOURNAL OF MOLECULAR MODELING, cilt.15, sa.12, ss.1435-1445, 2009 (SCI-Expanded)

CLX. **Methyl 2-methoxy-7-(4-methylbenzoyl)-4-oxo-6-p-tolyl-4H-furo[3,2-c]pyran-3-carboxylate: A combined experimental and theoretical investigation**

Özdemir N., Dincer M., KOCA İ., Yildirim I., Buyukgungor O.

JOURNAL OF MOLECULAR MODELING, cilt.15, sa.10, ss.1193-1201, 2009 (SCI-Expanded)

CLXI. **New (kappa(2)-C,N)-palladacyclic complexes with benzimidazol-2-ylidene ligand: Synthesis, crystal structures and characterization**

Gunay M. E., Gumuesada R., Özdemir N., Dincer M., Cetinkaya B.

INORGANIC CHEMISTRY COMMUNICATIONS, cilt.12, sa.10, ss.990-993, 2009 (SCI-Expanded)

- CLXII. **Synthesis, X-ray structures, and catalytic activities of (κ^2 -C,N)-palladacycles bearing imidazol-2-ylidenes**
Gunay M. E., Gumusada R., Özdemir N., Dincer M., Cetinkaya B.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, cilt.694, sa.15, ss.2343-2349, 2009 (SCI-Expanded)
- CLXIII. **The influence of moisture on deprotonation mode of imidazolinium chlorides with palladacycle acetate dimer**
Gunay M. E., Özdemir N., Ulusoy M., Ucak M., Dincer M., Cetinkaya B.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, cilt.694, sa.14, ss.2179-2184, 2009 (SCI-Expanded)
- CLXIV. **Nickel(II) complexes of ONS and ONN chelating thiosemicarbazones with triphenylphosphine co-ligands**
GÜVELİ Ş., Bal-Demirci T., Özdemir N., ÜLKÜSEVEN B.
TRANSITION METAL CHEMISTRY, cilt.34, sa.4, ss.383-388, 2009 (SCI-Expanded)
- CLXV. **Experimental and Theoretical Investigation of the Molecular and Electronic Structure of N-Cyclohexyl-2-[5-(4-pyridyl)-4-(p-tolyl)-4H-1,2,4-triazol-3-ylsulfanyl]acetamide Dihydrate**
Dincer M., Özdemir N., ÇETİN A., Keser T.
ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, cilt.65, 2009 (SCI-Expanded)
- CLXVI. **Bis{2,6-bis[1-(4-fluorophenylimino)ethyl]pyridine}-1 κ^3 N,N',N'';3 κ^3 N,N',N''-di-mu-chlorido-1 : 2 κ^2 Cl : Cl;-2 : 3 κ^2 Cl : Cl-trichlorido-1 κ^3 Cl,2 κ^3 Cl,3 κ^3 Cl-2-copper(I)-1,3-dicopper(II)**
Oezdemir N., Dincer M., DAYAN O., Cetinkaya B.
ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, cilt.64, 2008 (SCI-Expanded)
- CLXVII. **Di-mu-acetato- κ^4 O-4 : O'-bis[[2-(2-pyridyl)phenyl- κ^2 C-2,N]palladium(II)]**
Dincer M., Oezdemir N., GÜNAY M. E., Cetinkaya B.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, cilt.64, 2008 (SCI-Expanded)
- CLXVIII. **An experimental and theoretical approach to the 2-chloro-1-(3-methyl-3-phenylcyclobutyl) ethanone**
Dincer M., Özdemir N., Yilmaz I.
ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, cilt.64, 2008 (SCI-Expanded)
- CLXIX. **(2Z,6Z)-N-2,N-2'-bis(2,6-diisopropylphenyl)-N-1,N-1'-bis(2-methoxyethyl)pyridine-2,6-dicarboxamide**
Dincer M., Özdemir N., DAYAN O., Cetinkaya B.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, cilt.64, 2008 (SCI-Expanded)
- CLXX. **1-Methyl-5-(4-methylbenzoyl)-4-(4-methylphenyl)pyrimidine-2(1H)-thione**
Dincer M., KOCA İ., Yildirim I., Özdemir N.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, cilt.63, 2007 (SCI-Expanded)
- CLXXI. **5-(4-Methylbenzoyl)-4-p-tolyl-1-(1-p-tolyethylideneamino)pyrimidin-2(1H)-one**
Dincer M., Özdemir N., Onal Z., KORKUSUZ E.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, cilt.63, 2007 (SCI-Expanded)
- CLXXII. **(Acetonitrile){2,6-bis[1-(2,4,6-trimethylphenylimino)ethyl]pyridine} dichloridoruthenium(II) dichloromethane solvate**
Oezdemir N., Dincer M., Dayan O., Cetinkaya B.
ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, cilt.63, 2007 (SCI-Expanded)
- CLXXIII. **2-chloro-1-(3-methyl-3-phenylcyclobutyl)ethanone**
Dincer M., Oezdemir N., Yilmaz I., Bueyuekguengoer O.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, cilt.63, 2007 (SCI-Expanded)
- CLXXIV. **(2,6-bis{1-[4-(dimethylamino)phenylimino]ethyl}pyridine)dichlorido(tri-phenylphosphine- κ^3 P)ruthenium(II): a zigzag chain of fused centrosymmetric R-2(2)(12) rings**
Özdemir N., Dincer M., Dayan O., Cetinkaya B.
ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, cilt.63, 2007 (SCI-Expanded)
- CLXXV. **[1,3-Bis(2,3,4,5,6-pentafluorobenzyl)benzimidazol-2-ylidene]bromido-(eta(4)-cycloocta-1,5-**

diene)rhodium(I)

Dincer M., Özdemir N., Guelcemal S., Cetinkaya B.

ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, cilt.63, 2007 (SCI-Expanded)

- CLXXVI. **trans-diaqua{5,5' -[(E,E)-pyridine-2,6-diylbis(methyldynenitrilo)]bis[pyrimidine-2,4(1H,3H)-dione]}zinc(II) nitrate hexafluorophosphate trihydrate**

Özdemir N., Dincer M., Doganer G., Astley D., Astley S. T.

ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, cilt.63, 2007 (SCI-Expanded)

- CLXXVII. **(Acetonitrile){2,6-bis[1-(2-ethyl-6-methylphenylimino)ethyl]pyridine} dichlororuthenium(II) dichloromethane hemisolvate: a chain of edge-fused R-6(6)(24) rings**

Özdemir N., Dincer M., Dayan O., Cetinkaya B.

ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, cilt.63, 2007 (SCI-Expanded)

- CLXXVIII. **Copper(II) and cobalt(II) complexes of 2,6-diacetylpyridine bis(O-methyloxime)**

Dincer M., Özdemir N., Dayan O., Cetinkaya B.

ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, cilt.63, 2007 (SCI-Expanded)

- CLXXIX. **Crystal and molecular structure of 1-allyl-5-(4-methylbenzoyl)-4(4-methylphenyl)pyrimidine-2(1H)-thione**

Yildirim I., KOCA İ., Dincer M., Özdemir N., Andaç Ö.

CRYSTAL RESEARCH AND TECHNOLOGY, cilt.41, sa.12, ss.1236-1241, 2006 (SCI-Expanded)

- CLXXX. **N-cyclohexyl-2-[5-(4-pyridyl)-4-(p-tolyl)-4H-1,2,4-triazol-3-ylsulfanyl]-acetamide dihydrate**

Dincer M., Özdemir N., Cetin A., Keser T., Buyukgungor O.

ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, cilt.62, 2006 (SCI-Expanded)

- CLXXXI. **3,3'-(Pyridine-2,6-diyl)bis(4-allyl-4,5-dihydro-1H-1,2,4-triazole-5-thione)**

Cetin A., Dincer M., Özdemir N., Dayan O., Cansiz A.

ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, cilt.62, 2006 (SCI-Expanded)

- CLXXXII. **Dichloro[(1E,1'E)-1,1'-(pyridine-2,6-diyl)diethanone bis(O-methyloxime)-kappa(3)N(1),N-2,N-6]cobalt(II)**

Özdemir N., Dincer M., Dayan O., Cetinkaya B.

ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, cilt.62, 2006 (SCI-Expanded)

- CLXXXIII. **A mu-chloro-bridged dinuclear ruthenium complex with 9H-carbazole: the formation of one-dimensional linear chains of star-shaped edge-fused rings**

Dincer M., Özdemir N., Dayan O., Cetinkaya B., Buyukgungor O.

ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, cilt.62, 2006 (SCI-Expanded)

- CLXXXIV. **Dichloro[(1E,1'E)-1,1'-(pyridine-2,6-diyl)diethanone bis(O-methyloxime)-kappa(3)N-1, N-2, N-6]copper(II)**

Özdemir N., Dincer M., Dayan O., Cetinkaya B.

ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, cilt.62, 2006 (SCI-Expanded)

- CLXXXV. **Brorno(eta(4)-cycloocta-1,5-diene)[1-(2,3,4,5,6-pentafluorobenzyl)-3-(2,4,6-trimethylbenzyl)benzimidazol-2-ylidenel rhodium(I)**

Dincer M., Özdemir N., Guelcemal S., Cetinkaya B., Bueyuekguengoer O.

ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, cilt.62, 2006 (SCI-Expanded)

- CLXXXVI. **Hydrogen bonding in meso-4,5-diphenyl-3,6-diazaoctane-1,8-diol: the formation of one-dimensional linear chains of edge-fused rings**

Dincer M., Özdemir N., Saydam S., Bekaroglu O., Buyukgungor O.

ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, cilt.62, 2006 (SCI-Expanded)

- CLXXXVII. **Benzoin 4-ethylthiosemicarbazone**

Dincer M., Özdemir N., Cukurovali A., Yilmaz I., Buyukgungor O.

ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, cilt.62, 2006 (SCI-Expanded)

- CLXXXVIII. **Benzoin thiosemicarbazone and benzoin 4-ethylthiosemicarbazone**

Dincer M., Özdemir N., ÇUKUROVALI A., Yilmaz I.

ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, cilt.62, 2006 (SCI-Expanded)

- CLXXXIX. **1-(3-methyl-3-phenylcyclobutyl)-2-(piperidin-1-yl) ethanone oxime**

- Dincer M., Özdemir N., Cukurovali A., Yilmaz I., Buyukgungor O.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, cilt.62, 2006 (SCI-Expanded)
- CXC. **N-(2,4-Dimethoxybenzylideneamino)guanidiniurn dihydrogenphosphate**
Dincer M., Özdemir N., Saripinar E., Kulak L., Buyukgungor O.
ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, cilt.61, 2005 (SCI-Expanded)
- CXCI. **6-Phenyl-3-(4-pyridyl)-1,2,4-triazolo[3,4-b][1,3,4]thiadiazole**
Dincer M., Özdemir N., Cetin A., Cansiz A., Buyukgungor O.
ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, cilt.61, 2005 (SCI-Expanded)
- CXCII. **4-Amino-5-(2-hydroxyphenyl)-2H-1,2,4-triazole-3(4H)-thione**
Dincer M., Özdemir N., Cetin A., Cansiz A., Sekerci M.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, cilt.61, 2005 (SCI-Expanded)
- CXCIII. **[1,3-bis(2-ethoxyphenyl)imidazolidin-2-ylidene]bromo(cycloocta-1,5-diene)rhodium(I)**
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