

Prof. DURAN KARAKAŞ

Personal Information

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International Researcher IDs

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Yoksis Researcher ID: 24380

Education Information

Doctorate, Sivas Cumhuriyet University, Fen Bilimleri Enstitüsü, Fen Bilimleri Enstitüsü, Turkey 1994 - 2000

Postgraduate, Sivas Cumhuriyet University, Fen Bilimleri Enstitüsü, Fen Bilimleri Enstitüsü, Turkey 1991 - 1993

Undergraduate, Sivas Cumhuriyet University, Fen Fakültesi, Kimya Bölümü, Turkey 1985 - 1989

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Oktahedral metal karboniller ve türevlerinin IR spektrumlarının çözümlenmesinde yeni bir yöntem, Sivas Cumhuriyet University, Fen Bilimleri Enstitüsü, Fen Bilimleri Enstitüsü, 2000

Postgraduate, Fotokimyasal metatez ile polimerlerin degradasyonu, Sivas Cumhuriyet University, Fen Bilimleri Enstitüsü, Fen Bilimleri Enstitüsü, 1993

Research Areas

Boron Chemistry, Chemistry, Inorganic Chemistry, Bioinorganic Chemistry, Transition Metals, Coordination Chemistry, Metal Carbene Complexes, Metal olefin complexes, Organometallic Chemistry, Natural Sciences

Academic Titles / Tasks

Professor, Sivas Cumhuriyet University, Fen Fakültesi, Kimya Bölümü, 2021 - Continues

Associate Professor, Sivas Cumhuriyet University, Fen Fakültesi, Kimya Bölümü, 2016 - 2021

Assistant Professor, Sivas Cumhuriyet University, Fen Fakültesi, Kimya Bölümü, 2003 - 2016

Research Assistant, Sivas Cumhuriyet University, Fen Fakültesi, Kimya Bölümü, 1990 - 2003

Academic and Administrative Experience

Head of Department, Sivas Cumhuriyet University, Fen Fakültesi, Kimya Bölümü, 2018 - Continues
Assistant Director of the Institute, Sivas Cumhuriyet University, Fen Bilimleri Enstitüsü, Fen Bilimleri Enstitüsü, 2019 - 2022
Fakülte Kurulu Üyesi, Sivas Cumhuriyet University, Fen Fakültesi, Kimya Bölümü, 2018 - 2021
Fakülte Yönetim Kurulu Üyesi, Sivas Cumhuriyet University, Fen Fakültesi, Kimya Bölümü, 2010 - 2013
Vice Dean, Sivas Cumhuriyet University, Fen Fakültesi, Kimya Bölümü, 2010 - 2012
Deputy Head of Department, Sivas Cumhuriyet University, Fen Fakültesi, Kimya Bölümü, 2009 - 2012

Courses

Genel Kimya II, Undergraduate, 2018 - 2019
Seminer Dersi, Doctorate, 2019 - 2020
Spektroskopiye Giriş, Undergraduate, 2018 - 2019
Anorganik Kimyanın İlkeleri, Postgraduate, 2019 - 2020
Anorganik Kimya Lab., Undergraduate, 2019 - 2020
Anorganik Kimyanın İlkeleri, Postgraduate, 2019 - 2020
Genel Kimya, Undergraduate, 2019 - 2020
Genel Kimya, Undergraduate, 2019 - 2020
Uzmanlık Alan Dersi, Postgraduate, 2019 - 2020
Uzmanlık Alan Dersi, Postgraduate, 2019 - 2020
İnorganik Kimya, Undergraduate, 2019 - 2020
Uzmanlık Alan Dersi, Doctorate, 2019 - 2020
Anorganik Kimya, Undergraduate, 2019 - 2020
Anorganik Kimya Lab, Undergraduate, 2019 - 2020
Genel Kimya I, Undergraduate, 2018 - 2019
Uzmanlık Alan Dersi, Doctorate, 2019 - 2020
Bitirme Ödevi/Tezi, Undergraduate, 2019 - 2020
Moleküler Orbital Kuram ve Uygulamaları, Postgraduate, 2018 - 2019
Moleküler Spektroskopi, Postgraduate, 2018 - 2019
Organometalik Kimya, Postgraduate, 2018 - 2019
Tez Çalışması, Postgraduate, 2018 - 2019
Genel Kimya, Undergraduate, 2018 - 2019
Seminer Dersi, Postgraduate, 2017 - 2018
Kimya, Undergraduate, 2018 - 2019
Koordinasyon Kimyası, Postgraduate, 2017 - 2018
Geçiş Metal Komplekslerinin Elektronik Spektrumları, Postgraduate, 2018 - 2019
Bitirme Ödevi/Tezi, Undergraduate, 2017 - 2018
Spektroskopiye Giriş, Undergraduate, 2015 - 2016
Bilimsel Hazırlık, Undergraduate, 2015 - 2016
Halkalı İnorganik Bileşikler, Postgraduate, 2015 - 2016
Bilimsel Hazırlık, Undergraduate, 2015 - 2016
Genel Kimya Laboratuvarı, Undergraduate, 2015 - 2016
Bilimsel Hazırlık Teknolojileri, Undergraduate, 2015 - 2016
Koordinasyon Kimyasına Giriş, Undergraduate, 2013 - 2014
Koordinasyon Kimyasına Giriş, Undergraduate, 2013 - 2014
Temel Kimya, Associate Degree, 2014 - 2015
Temel Kimya, Associate Degree, 2014 - 2015
Genel Kimya Lab. - II, Undergraduate, 2012 - 2013
Genel Kimya II, Undergraduate, 2012 - 2013

İleri Anorganik Kimya-I, Postgraduate, 2013 - 2014
Genel Kimya I, Undergraduate, 2012 - 2013
Anorganik Kimya-II, Undergraduate, 2012 - 2013
Genel Kimya Laboratuvarı II, Undergraduate, 2011 - 2012
Anorganik Kimya-I, Undergraduate, 2011 - 2012
Organometalik Kimya, Undergraduate, 2011 - 2012
Organometalik Kimya, Undergraduate, 2011 - 2012
Genel Kimya Laboratuvarı I, Undergraduate, 2009 - 2010
Moleküler Simetri, Undergraduate, 2008 - 2009
Moleküler Simetri, Undergraduate, 2007 - 2008
Genel Kimya II, Undergraduate, 2005 - 2006
Anorganik Kimya-I, Undergraduate, 2006 - 2007
Anorganik Kimya Lab, Undergraduate, 2006 - 2007
Kimya-II, Undergraduate, 2003 - 2004
Kimya-I, Undergraduate, 2003 - 2004

Advising Theses

Karakaş D., Schiff baz metal komplekslerinin hesapsal karakterizasyonu ve antikanser-antibakteriyel özelliklerinin incelenmesi, Doctorate, S.KAYA(Student), 2021
Karakaş D., Kanser tedavisinde ilaç olarak kullanılan platin temelli kompleksler üzerine kuantum kimyasal hesaplamalar, Postgraduate, M.TAŞTAN(Student), 2020
Karakaş D., $[Tp(CO)_2Mo(C-Ph)]_2+$ ve $[L(CO)_2Mo(C-Ph)]+$ alkilidin komplekslerinin hesaplamalı kimya ile incelenmesi, Postgraduate, Z.ZAİM(Student), 2019
Karakaş D., Alkoksitürevli disiyandiamid ligandlarını içeren nikel (II) komplekslerinin yapısal, elektronik ve moleküler özelliklerinin kuantum kimyasal hesaplamalar ile araştırılması, Postgraduate, T.ALAGÖZ(Student), 2019
Karakaş D., İzosiyano temelli üç çekirdekli altın (I) kompleksleri üzerine kuantum kimyasal çalışmalar, Postgraduate, N.ÖZKAN(Student), 2017
Karakaş D., $Mo(CO)_5[C(OEt)Me]$ ve $Mo(CO)_5[C(OMe)Et]$ kompleksleri üzerine kuantum kimyasal çalışmalar, Postgraduate, N.GÖVDELİ(Student), 2017
Karakaş D., Hesaplamalı kimya yöntemleriyle bazı bor komplekslerinin yapısal ve elektronik özelliklerinin incelenmesi, Doctorate, K.SAYIN(Student), 2017
Karakaş D., Yoğunluk fonksiyonel teori temelinde schrock tipi $Mo(CO)_5(CMe_2)$ ve $Mo(CO)_5(CMeEt)$ alkiliden kompleksleri üzerine hesapsal çalışmalar, Postgraduate, H.ÖZÇİFTÇİ(Student), 2017
Karakaş D., Alkin birimli piridil ligantları içeren bazı dinükleer metal karbonillerin kuantum kimyasal hesaplama yöntemleriyle yapısal, spektroskopik ve optik özelliklerinin incelenmesi, Doctorate, S.ERKAN(Student), 2016
Karakaş D., İki vanadyum(IV) Schiff baz kompleksi üzerine kuantum kimyasal hesaplamalar, Postgraduate, M.NEŞAT(Student), 2015
Karakaş D., Hesaplamalı kimya yöntemleri ile bazı platin(II) oksim komplekslerinin moleküler yapısının ve moleküler özelliklerinin araştırılması, Postgraduate, K.SAYIN(Student), 2014
Karakaş D., Ab initio moleküler orbital yöntemleri ile $CO_2(CO)_8$ izomerlerinin moleküler yapı parametrelerininve titreşim frekanslarının hesaplanması, Postgraduate, S.ERKAN(Student), 2013

Jury Memberships

Doctorate, Doctorate, Tokat Gaziosmanpaşa Üniversitesi, June, 2020
Doctorate, Doctorate, Tokat Gaziosmanpaşa Üniversitesi, June, 2020
Doctoral Examination, Doctoral Examination, Kahramanmaraş Sütçü İmam Üniversitesi, November, 2019
Post Graduate, Post Graduate, Fırat Üniversitesi, July, 2019

Post Graduate, Post Graduate, Kahramanmaraş Sütçü İmam Üniversitesi, June, 2019

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Sivas Cumhuriyet Üniversitesi, November, 2018

Taught Courses And Trainings

Karakaş D., I. Kanser Günleri, 2019 - 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Modeling, spectroscopic structural properties of platinum-II complexes of 2-((phenylimino)methyl)phenolate-based ligands and research of nonlinear optical, organic light emitting diode and solar cell performances**
ERKAN S., KARAKAŞ D.
Materials Today Communications, vol.37, 2023 (SCI-Expanded)
- II. **Investigation of substituent effect on rhenium complexes by DFT methods: Structural analysis, IR spectrum, quantum chemical parameter, NLO and OLED properties, molecular docking**
Yıldız C. A., Güney E., Nasif V., KARAKAŞ D., ERKAN S.
Journal of Molecular Structure, vol.1278, 2023 (SCI-Expanded)
- III. **Computational design and characterization of platinum-II complexes of some Schiff bases and investigation of their anticancer-antibacterial properties**
Kaya S., ERKAN S., KARAKAŞ D.
APPLIED ORGANOMETALLIC CHEMISTRY, vol.36, no.9, 2022 (SCI-Expanded)
- IV. **Investigations substituent effect on structural, spectral and optical properties of phenylboronic acids**
Çöpçü B., SAYIN K., KARAKAŞ D.
Journal of Molecular Structure, vol.1227, 2021 (SCI-Expanded)
- V. **Computational structure characterization, nonlinear optical properties and antitumor activities of Nickel(II) complexes containing alkoxy-derived dicyandiamide ligands**
Alagöz Sayın T., Karakaş D.
INDIAN JOURNAL OF CHEMISTRY - SECTION A INORGANIC, PHYSICAL, THEORETICAL AND ANALYTICAL CHEMISTRY, vol.60, pp.51-61, 2021 (SCI-Expanded)
- VI. **Computational investigation of molecular structures, spectroscopic properties and antitumor-antibacterial activities of some Schiff bases**
Kaya S., ERKAN S., KARAKAŞ D.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.244, 2021 (SCI-Expanded)
- VII. **Research on structural, spectral (IR, UV-Vis, H-1- and C-13-NMR) and light emitting properties of triisocyano-based trinuclear Au(I) complexes**
Ozkan N., ERKAN S., SAYIN K., KARAKAŞ D.
CHEMICAL PAPERS, vol.74, no.8, pp.2415-2425, 2020 (SCI-Expanded)
- VIII. **A theoretical study on cyclometalated iridium (III) complexes by using a density functional theory**
ERKAN S., KARAKAŞ D.
JOURNAL OF THEORETICAL & COMPUTATIONAL CHEMISTRY, vol.19, no.2, 2020 (SCI-Expanded)
- IX. **Computational investigation of structural, nonlinear optical and anti-tumor properties of dinuclear metal carbonyls bridged by pyridyl ligands with alkyne unit**
Erkan S., Karakaş D.
JOURNAL OF MOLECULAR STRUCTURE, vol.1199, 2020 (SCI-Expanded)
- X. **Structural, spectral characterization and molecular docking analyses of mer-ruthenium (II)**

complexes containing the bidentate chelating ligands

Erkan S., Kaya S., Sayin K., Karakaş D.

SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.224, 2020 (SCI-Expanded)

- XI. **DFT investigation and molecular docking studies on dinuclear metal carbonyls containing pyridyl ligands with alkyne unit**
Erkan S., Karakaş D.
CHEMICAL PAPERS, vol.73, pp.2387-2398, 2019 (SCI-Expanded)
- XII. **New azo-azomethine-based transition metal complexes: Synthesis, spectroscopy, solid-state structure, density functional theory calculations and anticancer studies**
Sahan F., Kose M., HEPOKUR C., KARAKAŞ D., Kurtoglu M.
APPLIED ORGANOMETALLIC CHEMISTRY, vol.33, no.7, 2019 (SCI-Expanded)
- XIII. **Investigations of structural, spectral, electronic and biological properties of N-heterocyclic carbene Ag(I) and Pd(II) complexes**
Sayin K., Kariper S. E., Tastan M., Sayin T. A., Karakaş D.
JOURNAL OF MOLECULAR STRUCTURE, vol.1176, pp.478-487, 2019 (SCI-Expanded)
- XIV. **Tribological behavior and quantum chemical calculations of protic ionic liquids: synthesis, spectroscopic, and thermal properties**
Karadag A., Akbas H., KARAKAŞ D., Tekin K. C., Korkmazer E.
TURKISH JOURNAL OF CHEMISTRY, vol.43, no.3, pp.766-786, 2019 (SCI-Expanded)
- XV. **Investigation of structural, electronic properties and docking calculations of some boron complexes with norfloxacin: A computational research**
SAYIN K., KARAKAŞ D.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.202, pp.276-283, 2018 (SCI-Expanded)
- XVI. **Quantum chemical studies on hypothetical Fischer type Mo(CO)(5)[C(OEt)Me] and Mo(CO)(5)[C(OMe)Et] carbene complexes**
Govdeli N., KARAKAŞ D.
JOURNAL OF MOLECULAR STRUCTURE, vol.1163, pp.94-102, 2018 (SCI-Expanded)
- XVII. **Quantum chemical investigation of levofloxacin-boron complexes: A computational approach**
SAYIN K., KARAKAŞ D.
JOURNAL OF MOLECULAR STRUCTURE, vol.1158, pp.57-65, 2018 (SCI-Expanded)
- XVIII. **Computational study of some fluoroquinolones: Structural, spectral and docking investigations**
SAYIN K., KARAKAŞ D., ERKAN KARİPER S., Sayin T. A.
JOURNAL OF MOLECULAR STRUCTURE, vol.1156, pp.172-181, 2018 (SCI-Expanded)
- XIX. **Computational investigations of trans platinum(II) oxime complexes used as anticancer drug**
SAYIN K., KARAKAŞ D.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.188, pp.537-546, 2018 (SCI-Expanded)
- XX. **Theoretical study on the antitumor properties of Ru(II) complexes containing 2-pyridyl, 2-pyridine-4-carboxylic acid ligands**
ERKAN KARİPER S., SAYIN K., KARAKAŞ D.
JOURNAL OF MOLECULAR STRUCTURE, vol.1149, pp.473-486, 2017 (SCI-Expanded)
- XXI. **Multi-properties of a new azo-Schiff base and its binuclear copper(II) chelate: Preparation, spectral characterization, electrochemical, potentiometric and modeling studies**
Sarigul M., ERKAN KARİPER S., DEVECİ P., Atabey H., KARAKAŞ D., KURTOĞLU M.
JOURNAL OF MOLECULAR STRUCTURE, vol.1149, pp.520-529, 2017 (SCI-Expanded)
- XXII. **Investigation of Structural, Electronic and Biological Properties of Two Zn(II) Complexes with Pentaaza Macrocyclic Schiff-Base Ligand: A DFT Approach**
SAYIN K., KARAKAŞ D.
JOURNAL OF CLUSTER SCIENCE, vol.28, no.6, pp.3075-3086, 2017 (SCI-Expanded)

- XXIII. **Determination of structural, spectral, electronic and biological properties of tosufloxacin boron complexes and investigation of substituent effect**
SAYIN K., KARAKAŞ D.
JOURNAL OF MOLECULAR STRUCTURE, vol.1146, pp.191-197, 2017 (SCI-Expanded)
- XXIV. **Structural, computational and cytotoxic studies of square planar copper(II) complexes derived from dicyandiamide**
KÖSE M., HEPOKUR C., KARAKAŞ D., McKee V., KURTOĞLU M.
POLYHEDRON, vol.117, pp.652-660, 2016 (SCI-Expanded)
- XXV. **Computational and experimental studies of 2-[(E)-hydrazinylidenemethyl]-6-methoxy-4-[(E)-phenyldiazenyl]phenol and its tautomers**
SAYIN K., KURTOĞLU N., KÖSE M., KARAKAŞ D., KURTOĞLU M.
JOURNAL OF MOLECULAR STRUCTURE, vol.1119, pp.413-422, 2016 (SCI-Expanded)
- XXVI. **Pd(II) complexes of novel phosphine ligands: Synthesis, characterization, and catalytic activities on Heck reaction**
ALTAN O., Serindag O., SAYIN K., KARAKAŞ D.
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.191, no.7, pp.993-999, 2016 (SCI-Expanded)
- XXVII. **Synthesis, characterization and non-linear optical properties of two mononuclear Cu(II) complexes of 2,6-bis(1-butylbenzimidazol-2-yl)pyridine**
KÖSE M., CEYHAN G., KARAKAŞ D.
JOURNAL OF COORDINATION CHEMISTRY, vol.69, no.3, pp.497-507, 2016 (SCI-Expanded)
- XXVIII. **Structural, spectral, NLO and MEP analysis. of the [MgO₂Ti₂(OPri)₆], [MgO₂Ti₂(OPri)₂(acac)₄] and [MgO₂Ti₂(OPri)₂(bzac)₄] by DFT method**
SAYIN K., KARAKAŞ D.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.144, pp.176-182, 2015 (SCI-Expanded)
- XXIX. **Spectroscopic investigation, FMOs and NLO analyses of Zn(II) and Ni(II) phenanthroline complexes: A DFT approach**
SAYIN K., Karaka D., KARAKUŞ N., Sayin T. A., Zaim Z., ERKAN KARİPER S.
POLYHEDRON, vol.90, pp.139-146, 2015 (SCI-Expanded)
- XXX. **Theoretical spectroscopic study of seven zinc(II) complex with macrocyclic Schiff-base ligand**
SAYIN K., ERKAN KARİPER S., Sayin T. A., KARAKAŞ D.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.133, pp.348-356, 2014 (SCI-Expanded)
- XXXI. **The investigation of the solvent effect on coordination of nicotinato ligand with cobalt(II) complex containing tris(2-benzimidazolylmethyl) amine: A computational study**
SAYIN K., KARAKAŞ D.
JOURNAL OF MOLECULAR STRUCTURE, vol.1076, pp.244-250, 2014 (SCI-Expanded)
- XXXII. **Spectral, structural and quantum chemical computational and dissociation constant studies of a novel azo-enamine tautomer**
Gozel A., KÖSE M., KARAKAŞ D., Atabey H., McKee V., KURTOĞLU M.
JOURNAL OF MOLECULAR STRUCTURE, vol.1074, pp.449-456, 2014 (SCI-Expanded)
- XXXIII. **Theoretical investigation on the vibrational and electronic spectra of three isomeric forms of dicobalt octacarbonyl**
KARAKAŞ D., ERKAN KARİPER S.
JOURNAL OF MOLECULAR STRUCTURE, vol.1062, pp.77-81, 2014 (SCI-Expanded)
- XXXIV. **Synthesis, characterization and antimicrobial studies of 2-[(E)-[(2-hydroxy-5-methylphenyl)imino]methyl]-4-[(E)-phenyldiazenyl] phenol as a novel azo-azomethine dye**
KÖSE M., KURTOĞLU N., Gumussu O., Tutak M., McKee V., KARAKAŞ D., KURTOĞLU M.
JOURNAL OF MOLECULAR STRUCTURE, vol.1053, pp.89-99, 2013 (SCI-Expanded)
- XXXV. **Quantum chemical studies on the some inorganic corrosion inhibitors**

- SAYIN K., KARAKAŞ D.
CORROSION SCIENCE, vol.77, pp.37-45, 2013 (SCI-Expanded)
- XXXVI. **Determination of structural and electronic properties of Ni(NQSC)₂ and Ni(NQTS)₂ complexes with DFT method**
Sayın K., Karakaş D.
Journal of New Results in Science, vol.2, pp.47-53, 2013 (SCI-Expanded)
- XXXVII. **DFT and TD-DFT studies on copper(II) complexes with tripodal tetramine ligands**
KARAKAŞ D., SAYIN K.
INDIAN JOURNAL OF CHEMISTRY SECTION A-INORGANIC BIO-INORGANIC PHYSICAL THEORETICAL & ANALYTICAL CHEMISTRY, vol.52, no.4, pp.480-485, 2013 (SCI-Expanded)
- XXXVIII. **A new approach to predicting the carbonyl stretching frequencies of Co₂(CO)₈ with D_{3d} symmetry**
KAYA C., KARAKAŞ D., Üstün E.
Indian Journal of Chemistry - Section A Inorganic, Physical, Theoretical and Analytical Chemistry, vol.46, no.9, pp.1388-1392, 2007 (SCI-Expanded)
- XXXIX. **Force constant calculations for Hg[Co(CO)₄]₂ from the CO-factored force field**
KAYA C., KARAKAŞ D.
Indian Journal of Chemistry - Section A Inorganic, Physical, Theoretical and Analytical Chemistry, vol.46, no.1, pp.33-38, 2007 (SCI-Expanded)
- XL. **A new method for assigning the C-O stretching bands in cis-disubstituted octahedral metal carbonyl complexes**
Kaya C., Karakas D.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.660, no.1, pp.116-120, 2002 (SCI-Expanded)
- XLI. **Force constant calculations for octahedral complexes of the type M(CO)₅L, based on the CO-factored force field**
Karakas D., Kaya C.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.640, pp.37-40, 2001 (SCI-Expanded)

Articles Published in Other Journals

- I. **Investigation of Antiviral Activities of Nickel and Copper Complexes with Macrocyclic Ligands against Crimean-Congo Hemorrhagic Fever by In Silico Calculations**
ERKAN S., BULUT N., KARAKAŞ D.
CUMHURİYET SCIENCE JOURNAL, vol.44, 2023 (Peer-Reviewed Journal)
- II. **Investigation of the Effect of Main Components of Wild Thyme on Covid-19 by Computational Methods**
KAYA S., ERKAN S., KARAKAŞ D.
CUMHURİYET SCIENCE JOURNAL, vol.44, 2023 (Peer-Reviewed Journal)
- III. **Computational spectroscopic investigation of the effect of nitrosyl bonding type on molecular properties in iron tetracarbonyl nitrosyl complex**
Özதாகçi Ö., KARAKAŞ D.
Indian Journal of Chemistry (IJC), vol.62, no.10, pp.1030-1039, 2023 (Scopus)
- IV. **Investigations of structural, spectral (IR and NMR) and in silico analyses of boron compounds as SERM inhibitor**
KAYA S., SAYIN K., ERKAN S., KARAKAŞ D.
Chemical Data Collections, vol.37, 2022 (Peer-Reviewed Journal)
- V. **Computational study on the structural, electronic, molecular and thermochemical properties of hypothetical [Tp(CO)₂Mo≡C-Ph]₂⁺ and [L(CO)₂Mo≡C-Ph]⁺ carbyne complexes**
ZAIM Z., KARAKAŞ D.
Cumhuriyet Science Journal, vol.42, pp.45-59, 2021 (Peer-Reviewed Journal)
- VI. **Computational study on molecular structure, vibrational spectrum analysis and acidity strength of**

P4On (n = 6-10) phosphorus oxides with cage structure

Karakaş D.

Cumhuriyet Science Journal, vol.41, no.3, pp.659-664, 2020 (Peer-Reviewed Journal)

- VII. **Structural, spectroscopic and activity calculations on methanesulfonylhydrazone derivative chromium pentacarbonyl complexes**
ERKAN S., SAYIN K., KARAKAŞ D.
Journal of the Turkish Chemical Society, Section A: Chemistry, vol.5, no.3, pp.1193-1204, 2018 (Scopus)
- VIII. **Detemination of The Best Method (HF, MP2 and B3LYP) in Calculation of Chemical Hardness**
ZAIM Z., ALAGÖZ SAYIN T., SAYIN K., KARAKAŞ D.
Turkish Computational and Theoretical Chemistry, vol.2, no.2, pp.7-15, 2018 (Scopus)
- IX. **Ab-Initio and DFT Calculations on Some Inorganic InhibitorsComputaional Study on Inorganic Corrosion Inhibitors**
SAYIN K., KARAKAŞ D.
Journal of new results in science, vol.6, no.1, pp.20-31, 2017 (Peer-Reviewed Journal)
- X. **Theoretical Investigation of Temperature Effect on the Formation of Sulphuric Acid Rain**
SAYIN K., KARAKAŞ D.
Turkish Computational and Theoretical Chemistry, vol.1, pp.11-16, 2017 (Scopus)
- XI. **Theoretical investigation on electrophilicity indexes and proton affinities of some boron-nitrogen open-chain species**
KARAKAŞ D.
Turkish computational and theoretical chemistry, vol.1, no.1, pp.1-10, 2017 (Scopus)
- XII. **Theoretical Studies on Oxovanadium(IV) Complexes with Sterically Crowded Schiff Base Ligands**
KARAKAŞ D., SAYIN K.
Cumhuriyet Science Journal, vol.38, pp.1-12, 2017 (Peer-Reviewed Journal)
- XIII. **Method and basis set investigation for trans platinum II oxime complex**
SAYIN K., KARAKAŞ D.
Cumhuriyet University Faculty of Science Science Journal (CSJ), vol.36, no.2, pp.1-10, 2015 (Peer-Reviewed Journal)
- XIV. **Method and basis set investigations and computational spectral studies for oximato bridged trans platinum II dimer used as anticancer drug**
SAYIN K., KARAKAŞ D.
Journal of new results in science, no.8, pp.1-12, 2015 (Peer-Reviewed Journal)
- XV. **Theoretical Studies on EightOxovanadium IV Complexes withSalicylaldehyde and Aniline Ligands**
ERKAN KARİPER S., SAYIN K., KARAKAŞ D.
Hacettepe Journal of Biology and Chemistry, vol.42, no.3, pp.337-342, 2014 (Peer-Reviewed Journal)
- XVI. **Quantum chemical studies on Co ntb pic complex ion**
SAYIN K., KARAKAŞ D.
Journal of New Results in Science, vol.2, pp.54-59, 2013 (Peer-Reviewed Journal)
- XVII. **W(CO)6/CCl4/hv katalizör sistemi ile bazı polimerlerin bozunması**
KARAKAŞ D., KAYA C.
C.Ü Fen-Edebiyat Fakültesi, Fen Bilimleri Dergisi, vol.21, pp.147-153, 1999 (Peer-Reviewed Journal)
- XVIII. **[M(CO4)X]2 tipi metal karbonillerin C-O gerilme bantlarının simetri etiketlemesi**
Gülcan Ü., KARAKAŞ D., KAYA C.
C.Ü Fen-Edebiyat Fakültesi, Fen Bilimleri Dergisi, vol.21, pp.177-186, 1999 (Peer-Reviewed Journal)

Books & Book Chapters

I. Moleküler Simetri

Karakaş D., Kaya C.

Palme Yayın Dağıtım, Ankara, 2010

Refereed Congress / Symposium Publications in Proceedings

- I. **Investigation of Substituent Effect on Rhenium Complexes by DFT Methods: Structural Analysis, IR Spectrum, Quantum Chemical Parameter, NLO and OLED Properties, Molecular Docking**
alkaya c., GÜNEY E., nasif v., ERKAN S., KARAKAŞ D.
5 th International Conference on Physical Chemistry & Functional Materials, Sivas, Turkey, 23 June 2022
- II. **Quantum chemical calculations o some platinum-based complexes used as drugs in cancer treatment**
Taştan M., Karakaş D.
I. International Cancer Days, Sivas, Turkey, 19 - 21 September 2019, pp.184
- III. **Computational research on the molecular properties and anti-tumor activity of Pt (II) complexes with a chiral halogenated Schiff base ligand**
Kaya S., ERKAN S., KARAKAŞ D.
I. International Cancer Days, 19 - 21 September 2019, pp.455
- IV. **Computational study on molybdenum-based metal carbonyl complexes**
ERKAN S., KARAKAŞ D.
2nd International Conference on Physical Chemistry and Functional Materials(PCFM'19), 25 - 27 June 2019, pp.1
- V. **NLO Properties and Molecular Docking Study Molybdenum Carbonyl Complexes with Pyridyl Ligands with Alkyne Unit**
ERKAN S., KARAKAŞ D.
2nd International Conference on Physical Chemistry and Functional Materials(PCFM'19), Nevşehir, Turkey, 25 - 27 June 2019, pp.15
- VI. **Computational Analysis of Structural, Spectroscopic and NLO Properties on Molybdenum Carbonyl Complexes with 4,4'-xx-Dipyridylacetylene Bridge Ligand and Triphenyl Phosphine and Triphenoxy Phosphine Terminal Ligand**
ERKAN S., KARAKAŞ D.
2nd International Conference on Physical Chemistry and Functional Materials(PCFM'19), Nevşehir, Turkey, 25 - 27 June 2019, pp.8
- VII. **Quantum Chemical Calculations on Manganese Complexes with Penta-Amine Macrocyclic Schiff Base Ligand: Computational and Molecular Docking Analyses**
ERKAN S., SAYIN K., KARAKAŞ D.
2nd International Conference on Physical Chemistry and Functional Materials(PCFM'19), Nevşehir, Turkey, 25 - 27 June 2019, pp.21
- VIII. **Quantum Chemical Calculations on Ag and Pb Complexes with Penta-Amine Macrocyclic Schiff Base Ligand: Computational and Molecular Docking Analyses**
SAYIN K., ERKAN S., KARAKAŞ D.
2nd International Conference on Physical Chemistry and Functional Materials (PCFM'xx19), 25 - 27 June 2019, pp.82
- IX. **Computational studies on Schrock type Mo(CO)₅(Cme)₂ and Mo(CO)₅(Cmeet) alkyliden complexes based on density functional theory**
OZCIFCI H., ERKAN KARİPER S., SAYIN K., KARAKAŞ D.
International trace analysis congress, Sivas, Turkey, 20 - 23 June 2018, pp.136
- X. **Investigation of structural, spectral, electronic and biological properties of N-heterocyclic carbene Pd(II) complex**
ERKAN KARİPER S., SAYIN K., KARAKAŞ D., TÜZÜN B.
International conference on physical chemistry and functional materials, Elazığ, Turkey, 19 - 21 June 2018, pp.274
- XI. **Quantum chemical calculations on [Tp(CO)₂Mo-C-Ph]₂ and [(L(CO)₂Mo-C-Ph)] alkylidene complexes**
KARAKAŞ D., ZAİM Z., ERKAN KARİPER S., SAYIN K.
International conference on physical chemistry and functional materials, Elazığ, Turkey, 19 - 21 June 2018, pp.244
- XII. **Investigation of 1-allyl-3-butylbenzimidazolium-derived silver (I) complexes in terms of structure and biological activity by computational chemistry methods**

- SAYIN K., ERKAN KARİPER S., KARAKAŞ D.
International conference on physical chemistry and functional materials, Elazığ, Turkey, 19 - 21 June 2018, pp.56
- XIII. **Detailed examination of bis-NHC palladium (II) complex by DFT method**
ERKAN KARİPER S., SAYIN K., KARAKAŞ D., TÜZÜN B.
International conference on physical chemistry and functional materials, Elazığ, Turkey, 19 - 21 June 2018, pp.226
- XIV. **Mer-[Ru(Cl-Ph-tpy)(N-N)(X)] Tipi Rutenyum (II) Komplekslerinin Yapısal, Elektronik ve Antikanser Özelliklerinin Hesaplamalı Kimya Yöntemleriyle Araştırılması**
ERKAN KARİPER S., SAYIN K., KARAKAŞ D.
3. Hesaplamalı Kimya Kongresi, Ankara, Turkey, 12 - 14 October 2017
- XV. **Investigations of Biological Properties of Some Metal (Mn, Pd and Ag) Complexes with Pentaamine Macrocyclic Schiff Base Ligand: Molecular Docking Calculations**
Sayın K., Karakaş D., Erkan Kariper S.
2nd International Gazi Symposium Series, Ankara, Turkey, 11 - 13 October 2017
- XVI. **Structural, spectroscopic and quantum chemical calculations on cyclometalated iridium (III) complexes with anticancer properties**
Erkan Kariper S., Karakaş D.
II. International Gazi Pharma Symposium Series (GPSS 2017), Ankara, Turkey, 11 October 2017
- XVII. **Investigation of Anticancer Properties of Some Organo-Boron Complexes with Norfloxacin**
SAYIN K., KARAKAŞ D.
International congress on chemistry and materials science, 5 - 07 October 2017, pp.215
- XVIII. **New azo azomethine based copper II and zinc II complexes experimental and theoretical studies**
Purtaş F., KARAKAŞ D., CEYHAN G., KURTOĞLU N., KÖSE M., KURTOĞLU M.
IMSEC 2016 (1st international mediterranean science and engineering congress, Adana, Turkey, 26 - 28 October 2016
- XIX. **2-E-3, 4-dimethylphenyl imino methyl-4-E-4 ethylphenyl diazenyl phenol Schiff base and its properties of corrosion**
Purtaş F., Karakaş D., Kurtoğlu M.
XIV International Corrosion Symposium (KORSEM 2016), Bayburt, Turkey, 5 - 07 October 2016
- XX. **Computational investigation of trans Pt II oxime complexes**
SAYIN K., KARAKAŞ D.
II. International Turkish Congress on Molecular Spectroscopy, Antalya, Turkey, 13 - 18 September 2015
- XXI. **Investigation of solvent effect on biological reactivity UV VIS and NMR analyses of Zn II complexes with pentaaza macrocyclic Schiff base ligand**
Sayın K., Karakaş D., Karakuş N., Erkan Kariper S., Alagoz Sayın T.
II. International Turkish Congress on Molecular Spectroscopy, Antalya, Turkey, 13 - 18 September 2015
- XXII. **Makrosiklik schiff baz ligandlı çinko II kompleksleri üzerine hesaplamalı kimya çalışmaları**
SAYIN K., KARAKAŞ D., KARAKUŞ N., ERKAN KARİPER S., ALAGÖZ SAYIN T.
2. ULUSAL HESAPLAMALI KİMYA KONGRESİ, Turkey, 2 - 05 June 2015
- XXIII. **Alkin birimli pridil ligantlarıyla köprülenmiş iki çekirdekli metal karboniller üzerine kuantum kimyasal çalışmalar**
KARAKAŞ D., ERKAN KARİPER S., SAYIN K.
Kafkas Üniversitesi, 2. Ulusal Hesaplamalı Kimya Kongresi, Turkey, 2 - 05 June 2015
- XXIV. **Bipiridin ve pridil primidin 4 karboksilik asit temelli ligantları içeren Ru II komplekslerinin yapısal ve antitümör özellikleri üzerine teorik çalışma**
KARAKAŞ D., SAYIN K., ERKAN KARİPER S.
V. Ulusal Anorganik Kimya Kongresi, Turkey, 22 - 25 April 2015
- XXV. **Yoğunluk fonksiyon teori metoduyla MgO₂Ti₂ OPri 6 MgO₂Ti₂ OPri 2 Acac 4 ve MgO₂Ti₂ OPri 2 bzac 4 kompleksleri üzerine hesapsal çalışmalar**
Sayın K., Karakaş D., Sultan E. K.
Mersin Üniversitesi, V. Ulusal Anorganik Kimya Kongresi, Turkey, 22 - 25 April 2015
- XXVI. **Bazı lactam inhibitörleri üzerine kuantum kimyasal çalışmalar**

- SULTAN E. K., SAYIN K., KARAKAŞ D.
Mersin Üniversitesi, V. Ulusal Anorganik Kimya Kongresi, Turkey, 22 - 25 April 2015
- XXVII. **Bazı çinko II komplekslerinin biyolojik aktiflik sıralamasının hesapsal yöntemlerle belirlenmesi**
Sayın K., Sultan E. K., Tuba A. S., Karakaş D.
Mersin Üniversitesi, V. Ulusal Anorganik Kimya Kongresi, Turkey, 22 - 25 April 2015
- XXVIII. **Metansülfonilhidrazon temelli krompentakarbonil kompleksleri üzerine yapısal spektroskopik ve aktivite hesaplamaları**
SULTAN E. K., SAYIN K., KARAKAŞ D.
Mersin Üniversitesi, V. Ulusal Anorganik Kimya Kongresi, Turkey, 22 - 25 April 2015
- XXIX. **Oksimato köprülü trans platin II kompleksi üzerine kuantum kimyasal çalışmalar**
SAYIN K., KARAKAŞ D., ERKAN S.
Pamukkale Üniversitesi, IV. Fiziksel Kimya Kongresi, Denizli, Turkey, 5 - 08 June 2014
- XXX. **Schiff baz liganlı oksovanadyum IV komplekslerinin antidiabetik aktivitesi üzerine elektronik yapı etkisinin teorik olarak araştırılması**
KARAKAŞ D., ERKAN S., SAYIN K.
Yüzüncü Yıl Üniversitesi, I. Uluslar Arası Katılımlı Ulusal Hesaplamalı Kimya Çalıştayı, Van, Turkey, 29 - 31 May 2014
- XXXI. **Platin II oksim kompleksinin ¹³C ve ¹H NMR spektrumlarının hesaplamalı kimya yöntemleriyle incelenmesi**
KARAKAŞ D., SAYIN K., ERKAN KARİPER S.
1. Hesaplamalı Kimya Çalıştayı, Turkey, 29 - 31 May 2014
- XXXII. **Ab initio moleküler orbital yöntemleri ile Co₂(CO)₈ izomerlerinin moleküler yapı parametrelerinin ve titreşim frekanslarının hesaplanması**
ERKAN S., KARAKAŞ D.
GOP Üniversitesi, IV Ulusal Anorganik Kimya Kongresi, Turkey, 30 May - 02 June 2013
- XXXIII. **DFT Yöntemiyle Ni NQSC 2 ve Ni NQTS 2 Komplekslerinin Yapısal ve Elektronik Özelliklerinin Belirlenmesi**
SAYIN K., KARAKAŞ D.
4. Ulusal Anorganik Kimya Kongresi, Turkey, 30 May - 02 June 2013
- XXXIV. **Co ntb pic kompleks iyonu üzerine kuantum kimyasal çalışmalar**
SAYIN K., KARAKAŞ D.
GOP Üniversitesi, IV Ulusal Anorganik Kimya Kongresi, Turkey, 30 May - 02 June 2013
- XXXV. **Bazı iki dişli Schiff baz liganlarının bakır II komplekslerinin hesaplamalı yöntemlerle yapısal analizi**
ERKAN S., KAYA S., KARAKAŞ D.
GOP Üniversitesi, IV Ulusal Anorganik Kimya Kongresi, Turkey, 30 May - 02 June 2013
- XXXVI. **HF yöntemiyle kükürt dioksit oluşum tepkimesinin incelenmesi ve sıcaklık etkisinin araştırılması**
SAYIN K., KARAKAŞ D.
GOP Üniversitesi, IV Ulusal Anorganik Kimya Kongresi, Turkey, 30 May - 02 June 2013
- XXXVII. **Theoretical studies on zinc complexes with schiff base ligand**
SAYIN K., ERKAN S., KARAKAŞ D.
TOBB Ekonomi ve Teknoloji Üniversitesi 10. Kimyasal Fizik Kongresi (CPC-X), 10 - 12 October 2012
- XXXVIII. **Quantum chemical studies on the corrosion inhibition of CrO₄²⁻ MoO₄²⁻ and NO₃⁻**
SAYIN K., KARAKAŞ D., ERKAN S.
TOBB Ekonomi ve Teknoloji Üniversitesi 10. Kimyasal Fizik Kongresi (CPC-X), 10 - 12 October 2012
- XXXIX. **The investigation of inhibition efficiency some imidazole derivatives against iron with quantum chemical methods**
ERKAN S., KARAKAŞ D.
TOBB Ekonomi ve Teknoloji Üniversitesi 10. Kimyasal Fizik Kongresi (CPC-X), 10 - 12 October 2012
- XL. **DFT structural studies on copper II complexes with symmetric and unsymmetric tripodal tetramine ligands**
ERKAN S., SAYIN K., KARAKAŞ D.
TOBB Ekonomi ve Teknoloji Üniversitesi 10. Kimyasal Fizik Kongresi (CPC-X), 10 - 12 October 2012

XLI. D3d simetrisindeki Co₂ CO₈ in karbonil gerilme bölgesindeki titreşim spektrumunun analizi

KARAKAŞ D., ÜSTÜN E., KAYA C.

Kafkas Üniversitesi, XVIII Ulusal Kimya Kongresi, Turkey, 5 - 09 July 2004

XLII. Kare piramit M CO₅ tipi komplekslerin 13C izotopomerlerinin infrared spektrumlarının analizi

ÜSTÜN E., KARAKAŞ D., KAYA C.

Kafkas Üniversitesi, XVIII Ulusal Kimya Kongresi, Turkey, 5 - 09 July 2004

Supported Projects

Karakaş D., Taştan M., Project Supported by Higher Education Institutions, Kanser tedavisinde ilaç olarak kullanılan platin temelli kompleksler üzerine kuantum kimyasal hesaplamalar, 2019 - 2020

Karakaş D., Erkan S., Project Supported by Higher Education Institutions, Anti-kanser özelliği taşıyan siklometalat iridyum(III) kompleksleri üzerine yapısal, spektroskopik ve kuantum kimyasal hesaplamalar, 2016 - 2020

Karakaş D., Sayın T., Project Supported by Higher Education Institutions, Alkoksi türevli disiyandiamid ligandlarını içeren nikel (II) komplekslerinin yapısal, elektronik ve moleküler özelliklerinin kuantum kimyasal hesaplamalar ile araştırılması, 2018 - 2019

Karakaş D., Zaim Z., Project Supported by Higher Education Institutions, [Tp(CO)₂Mo(CPh)]₂ ve [Tp(CO)₂Mo(CPh)] alkilidin komplekslerinin hesaplamalı kimya ile incelenmesi, 2018 - 2019

Karakaş D., Erkan S., Sayın K., Project Supported by Higher Education Institutions, Mer-[Ru(Cl-Ph-tpy)(N-N)(X)] Tipi Rutenyum (II) Komplekslerinin Yapısal, Elektronik ve Antikanser Özelliklerinin Hesaplamalı Kimya Yöntemleriyle Araştırılması, 2017 - 2019

Karakaş D., Sayın K., Erkan S., Sayın T., Project Supported by Higher Education Institutions, Mono- ve Bis-N-Heterosiklik Karbenli Ag(I) ve Pd(II) Komplekslerinin Yapısal, Spektral ve Antikanser Özelliklerinin Hesaplamalı Kimya Yöntemleriyle İncelenmesi, 2017 - 2018

Karakaş D., Sayın K., Project Supported by Higher Education Institutions, Hesaplamalı Kimya Yöntemleriyle Bazı Bor Komplekslerin Yapısal ve Elektronik Özelliklerin İncelenmesi, 2016 - 2017

Karakaş D., Sayın K., Project Supported by Higher Education Institutions, Beş verici azot atomuna sahip makrosiklik Schiff baz ligandını içeren kompleksler üzerine kuantum kimyasal çalışmalar, 2016 - 2017

Karakaş D., Özkan N., Project Supported by Higher Education Institutions, İzosiyano temelli üç çekirdekli altın I kompleksleri üzerine kuantum kimyasal çalışmalar, 2016 - 2017

Karakaş D., Sayın K., Project Supported by Higher Education Institutions, Makrosiklik Schiff baz ligandı içeren çinko II kompleksleri üzerine kuantum kimyasal çalışmalar, 2014 - 2016

Karakaş D., Sayın K., Erkan S., Project Supported by Higher Education Institutions, 2-primidil 2-primidin-4-karboksilik asit ligantlarını içeren Ru II komplekslerinin antitümör özellikleri üzerine teorik çalışma, 2014 - 2015

Karakaş D., Sayın K., Project Supported by Higher Education Institutions, Hesaplamalı kimya yöntemleri ile bazı platin II oksim komplekslerinin moleküler yapısının ve moleküler özelliklerinin araştırılması, 2013 - 2014

Karakaş D., Sayın K., Project Supported by Higher Education Institutions, [Co(ntb)(pic)] ve [Co(ntb)(nic)] komplekslerinin yoğunluk fonksiyon teori DFT yöntemleriyle incelenmesi, 2012 - 2013

Karakaş D., Project Supported by Higher Education Institutions, [M(NH₃)₅(NO₂)] ve [M(NH₃)₅(ONO)] (M=Co, Rh, Ir) komplekslerinin hesaplamalı kimya ile incelenmesi, 2010 - 2011

Karakaş D., Özdemir İ., Alıcı B., Şahin N., Üstün E., Kaya C., Project Supported by Higher Education Institutions, 1-alkilimidazolin ve benzimidazol komplekslerinin sentezi ve özellikleri, 2007 - 2009

Karakaş D., Kaya C., Project Supported by Higher Education Institutions, Oktahedral metal karboniller ve türevlerinin IR spektrumlarının çözümlenmesinde yeni bir yöntem, 1994 - 2000

Karakaş D., Kaya C., Marşan H., Project Supported by Other Official Institutions, Fotokimyasal olefin metatezi ile polimer atıklarının değerlendirilmesi, 1992 - 1994

Activities in Scientific Journals

Cumhuriyet Science Journal, Committee Member, 2018 - Continues

Turkish Computational and Theoretical Chemistry, Committee Member, 2017 - Continues

Cumhuriyet Üniversitesi Fen-Edebiyat Fakültesi Fen Bilimleri Dergisi, Committee Member, 2017 - 2018

Scientific Refereeing

Turkish Computational and Theoretical Chemistry, Other Indexed Journal, February 2021

Project Supported by Higher Education Institutions, BAP PhD, Kahramanmaraş Sutcu Imam University, Turkey, February 2021

Project Supported by Higher Education Institutions, BAP Research Project, Sivas Cumhuriyet University, Turkey, February 2021

JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, August 2020

Project Supported by Higher Education Institutions, BAP PhD, Kahramanmaraş Sutcu Imam University, Turkey, August 2020

Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, Other Indexed Journal, May 2020

Cumhuriyet Science Journal (CSJ), Other Indexed Journal, May 2020

Cumhuriyet Science Journal (CSJ), Other Indexed Journal, March 2020

Project Supported by Higher Education Institutions, BAP Research Project, Kahramanmaraş Sutcu Imam University, Turkey, October 2019

International Journal of Advances in Engineering and Pure Sciences, Other Indexed Journal, September 2019

JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, June 2019

Project Supported by Higher Education Institutions, BAP Research Project, Sivas Cumhuriyet University, Turkey, May 2019

Project Supported by Higher Education Institutions, BAP Research Project, Sivas Cumhuriyet University, Turkey, May 2019

Project Supported by Higher Education Institutions, BAP Research Project, Sivas Cumhuriyet University, Turkey, October 2018

Project Supported by Higher Education Institutions, BAP Research Project, Kahramanmaraş Sutcu Imam University, Turkey, October 2018

Turkish Computational and Theoretical Chemistry, Other Indexed Journal, June 2018

Project Supported by Higher Education Institutions, BAP Research Project, Sivas Cumhuriyet University, Turkey, June 2018

Project Supported by Higher Education Institutions, BAP Research Project, Sivas Cumhuriyet University, Turkey, April 2018

Project Supported by Higher Education Institutions, BAP Research Project, Sivas Cumhuriyet University, Turkey, April 2018

Turkish Computational and Theoretical Chemistry, Other Indexed Journal, March 2018

Cumhuriyet Science Journal (CSJ), Other Indexed Journal, December 2017

Project Supported by Higher Education Institutions, BAP Research Project, Sivas Cumhuriyet University, Turkey, December 2017

Turkish Computational and Theoretical Chemistry, Other Indexed Journal, November 2017

Project Supported by Higher Education Institutions, BAP Research Project, Sivas Cumhuriyet University, Turkey, August 2017

Project Supported by Higher Education Institutions, BAP Research Project, Sivas Cumhuriyet University, Turkey, June 2017

Project Supported by Higher Education Institutions, BAP Research Project, Sivas Cumhuriyet University, Turkey, November 2016

Project Supported by Higher Education Institutions, BAP Research Project, Kahramanmaraş Sutcu Imam University, Turkey, October 2016

Project Supported by Higher Education Institutions, BAP MSc, Sivas Cumhuriyet University, Turkey, March 2016

Project Supported by Higher Education Institutions, BAP Research Project, Sivas Cumhuriyet University, Turkey, February 2016

Project Supported by Higher Education Institutions, BAP MSc, Sivas Cumhuriyet University, Turkey, November 2015

Project Supported by Higher Education Institutions, BAP Research Project, Sivas Cumhuriyet University, Turkey, June 2015

Project Supported by Higher Education Institutions, BAP Research Project, Sivas Cumhuriyet University, Turkey, May 2015

Project Supported by Higher Education Institutions, BAP Research Project, Sivas Cumhuriyet University, Turkey, April 2014

Metrics

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H-Index (Scopus): 17

Non Academic Experience

MİLLİ EĞİTİM BAKANLIĞI